



Red Hat Satellite 6.4

Hammer CLI Guide

Using Hammer, the Satellite's CLI tool

Red Hat Satellite 6.4 Hammer CLI Guide

Using Hammer, the Satellite's CLI tool

Red Hat Satellite Documentation Team
satellite-doc-list@redhat.com

Legal Notice

Copyright © 2018 Red Hat, Inc.

The text of and illustrations in this document are licensed by Red Hat under a Creative Commons Attribution–Share Alike 3.0 Unported license ("CC-BY-SA"). An explanation of CC-BY-SA is available at

<http://creativecommons.org/licenses/by-sa/3.0/>

. In accordance with CC-BY-SA, if you distribute this document or an adaptation of it, you must provide the URL for the original version.

Red Hat, as the licensor of this document, waives the right to enforce, and agrees not to assert, Section 4d of CC-BY-SA to the fullest extent permitted by applicable law.

Red Hat, Red Hat Enterprise Linux, the Shadowman logo, JBoss, OpenShift, Fedora, the Infinity logo, and RHCE are trademarks of Red Hat, Inc., registered in the United States and other countries.

Linux ® is the registered trademark of Linus Torvalds in the United States and other countries.

Java ® is a registered trademark of Oracle and/or its affiliates.

XFS ® is a trademark of Silicon Graphics International Corp. or its subsidiaries in the United States and/or other countries.

MySQL ® is a registered trademark of MySQL AB in the United States, the European Union and other countries.

Node.js ® is an official trademark of Joyent. Red Hat Software Collections is not formally related to or endorsed by the official Joyent Node.js open source or commercial project.

The OpenStack ® Word Mark and OpenStack logo are either registered trademarks/service marks or trademarks/service marks of the OpenStack Foundation, in the United States and other countries and are used with the OpenStack Foundation's permission. We are not affiliated with, endorsed or sponsored by the OpenStack Foundation, or the OpenStack community.

All other trademarks are the property of their respective owners.

Abstract

This document describes how to use the Hammer CLI tool to configure and manage Red Hat Satellite.

Table of Contents

CHAPTER 1. INTRODUCTION TO HAMMER	16
1.1. GETTING HELP	16
1.2. AUTHENTICATION	16
1.2.1. Hammer Authentication Session	17
1.2.2. Hammer Configuration File	17
1.2.3. Command Line	18
1.3. STANDALONE USE OF HAMMER	18
1.4. SETTING A DEFAULT ORGANIZATION	18
1.5. CONFIGURING HAMMER	19
1.6. CONFIGURING HAMMER LOGGING	19
1.7. INVOKING THE HAMMER SHELL	20
1.8. GENERATING FORMATTED OUTPUT	20
1.9. HIDING HEADER OUTPUT FROM HAMMER COMMANDS	21
1.10. TROUBLESHOOTING WITH HAMMER	21
CHAPTER 2. MANAGING ORGANIZATIONS, LOCATIONS, AND REPOSITORIES	22
2.1. ORGANIZATIONS	22
2.1.1. Creating an Organization	22
2.1.2. Identifying an Organization in a Hammer Command	23
2.1.3. Uploading a Manifest	23
2.2. LOCATIONS	23
2.2.1. Creating a Location	23
2.3. REPOSITORIES	24
2.3.1. Enabling a Repository	24
2.3.2. Synchronizing a Repository	25
2.3.3. Creating a Synchronization Plan	26
2.3.4. Creating a Custom Repository	27
CHAPTER 3. MANAGING CONTENT LIFE CYCLE	29
3.1. CREATING A LIFE CYCLE ENVIRONMENT	29
3.2. CREATING A CONTENT VIEW	29
3.2.1. Adding Repositories to a Content View	30
3.2.2. Adding Puppet Modules to a Content View	32
3.2.3. Adding Docker Images to a Content View	33
3.3. PUBLISHING A CONTENT VIEW	33
3.4. PROMOTING A CONTENT VIEW	34
3.5. PERFORMING AN INCREMENTAL UPDATE OF A CONTENT VIEW	34
CHAPTER 4. MANAGING ACTIVATION KEYS	36
CHAPTER 5. CONFIGURING PROVISIONING ENVIRONMENT	39
5.1. DOMAINS	39
5.2. SUBNETS	39
5.3. ARCHITECTURES	39
5.4. COMPUTE RESOURCES	40
5.5. INSTALLATION MEDIA	40
5.6. PARTITION TABLES	40
5.7. PROVISIONING TEMPLATES	40
5.7.1. Importing Templates	41
5.7.2. Exporting templates	41
5.8. OPERATING SYSTEMS	42
5.9. PARAMETERS	42

CHAPTER 6. MANAGING HOSTS	44
6.1. CREATING A HOST GROUP	44
6.2. CREATING A HOST	45
6.3. CREATING A HOST COLLECTION	48
6.4. RUNNING REMOTE JOBS ON HOSTS	49
CHAPTER 7. MANAGING USERS AND PERMISSIONS	51
7.1. CREATING USERS	51
7.2. CREATING USER GROUPS	51
7.3. CREATING ROLES	51
7.4. ASSIGNING ROLES TO USERS	52
7.5. ADDING SSH KEYS TO A USER	52
7.6. DELETING SSH KEYS FROM A USER	53
7.7. VIEWING SSH KEYS OF A USER	53
CHAPTER 8. MANAGING ERRATA	54
8.1. INSPECTING AVAILABLE ERRATA	54
8.2. APPLYING ERRATA TO A HOST	54
8.3. APPLYING ERRATA TO A HOST COLLECTION	56
CHAPTER 9. MANAGING DOCKER CONTAINERS	57
CHAPTER 10. REFERENCE	58
10.1. HAMMER ACTIVATION-KEY	58
10.1.1. hammer activation-key add-host-collection	58
10.1.2. hammer activation-key add-subscription	58
10.1.3. hammer activation-key content-override	59
10.1.4. hammer activation-key copy	59
10.1.5. hammer activation-key create	60
10.1.6. hammer activation-key delete	60
10.1.7. hammer activation-key host-collections	60
10.1.8. hammer activation-key info	61
10.1.9. hammer activation-key list	61
10.1.10. hammer activation-key product-content	62
10.1.11. hammer activation-key remove-host-collection	62
10.1.12. hammer activation-key remove-subscription	63
10.1.13. hammer activation-key subscriptions	63
10.1.14. hammer activation-key update	64
10.2. HAMMER ADMIN	64
10.2.1. hammer admin logging	65
10.3. HAMMER ARCHITECTURE	65
10.3.1. hammer architecture add-operatingsystem	66
10.3.2. hammer architecture create	66
10.3.3. hammer architecture delete	66
10.3.4. hammer architecture info	66
10.3.5. hammer architecture list	67
10.3.6. hammer architecture remove-operatingsystem	67
10.3.7. hammer architecture update	67
10.4. HAMMER ARF-REPORT	67
10.4.1. hammer arf-report delete	68
10.4.2. hammer arf-report download	68
10.4.3. hammer arf-report download-html	68
10.4.4. hammer arf-report info	69
10.4.5. hammer arf-report list	69

10.5. HAMMER AUTH	69
10.5.1. hammer auth login	69
10.5.2. hammer auth logout	70
10.5.3. hammer auth status	70
10.6. HAMMER AUTH-SOURCE	70
10.6.1. hammer auth-source ldap	70
10.6.1.1. hammer auth-source ldap create	71
10.6.1.2. hammer auth-source ldap delete	72
10.6.1.3. hammer auth-source ldap info	72
10.6.1.4. hammer auth-source ldap list	72
10.6.1.5. hammer auth-source ldap update	73
10.7. HAMMER BOOTDISK	74
10.7.1. hammer bootdisk generic	74
10.7.2. hammer bootdisk host	74
10.7.3. hammer bootdisk subnet	75
10.8. HAMMER CAPSULE	75
10.8.1. hammer capsule content	75
10.8.1.1. hammer capsule content add-lifecycle-environment	76
10.8.1.2. hammer capsule content available-lifecycle-environments	76
10.8.1.3. hammer capsule content cancel-synchronization	77
10.8.1.4. hammer capsule content info	77
10.8.1.5. hammer capsule content lifecycle-environments	77
10.8.1.6. hammer capsule content remove-lifecycle-environment	77
10.8.1.7. hammer capsule content synchronization-status	78
10.8.1.8. hammer capsule content synchronize	78
10.8.2. hammer capsule create	78
10.8.3. hammer capsule delete	79
10.8.4. hammer capsule import-classes	79
10.8.5. hammer capsule info	80
10.8.6. hammer capsule list	80
10.8.7. hammer capsule refresh-features	80
10.8.8. hammer capsule update	80
10.9. HAMMER COMPUTE-RESOURCE	81
10.9.1. hammer compute-resource create	81
10.9.2. hammer compute-resource delete	82
10.9.3. hammer compute-resource image	83
10.9.3.1. hammer compute-resource image available	83
10.9.3.2. hammer compute-resource image create	83
10.9.3.3. hammer compute-resource image delete	84
10.9.3.4. hammer compute-resource image info	84
10.9.3.5. hammer compute-resource image list	84
10.9.3.6. hammer compute-resource image update	85
10.9.4. hammer compute-resource info	85
10.9.5. hammer compute-resource list	85
10.9.6. hammer compute-resource networks	86
10.9.7. hammer compute-resource update	86
10.10. HAMMER CONFIG-GROUP	87
10.10.1. hammer config-group create	88
10.10.2. hammer config-group delete	88
10.10.3. hammer config-group info	88
10.10.4. hammer config-group list	88
10.10.5. hammer config-group update	89
10.11. HAMMER CONTENT-VIEW	89

10.11.1. hammer content-view add-repository	90
10.11.2. hammer content-view add-version	90
10.11.3. hammer content-view component	90
10.11.3.1. hammer content-view component add	91
10.11.3.2. hammer content-view component list	91
10.11.3.3. hammer content-view component remove	92
10.11.3.4. hammer content-view component update	92
10.11.4. hammer content-view copy	93
10.11.5. hammer content-view create	93
10.11.6. hammer content-view delete	94
10.11.7. hammer content-view filter	94
10.11.7.1. hammer content-view filter add-repository	95
10.11.7.2. hammer content-view filter create	95
10.11.7.3. hammer content-view filter delete	96
10.11.7.4. hammer content-view filter info	96
10.11.7.5. hammer content-view filter list	96
10.11.7.6. hammer content-view filter remove-repository	97
10.11.7.7. hammer content-view filter rule	97
10.11.7.8. hammer content-view filter update	101
10.11.8. hammer content-view info	101
10.11.9. hammer content-view list	102
10.11.10. hammer content-view publish	102
10.11.11. hammer content-view puppet-module	103
10.11.11.1. hammer content-view puppet-module add	103
10.11.11.2. hammer content-view puppet-module list	104
10.11.11.3. hammer content-view puppet-module remove	104
10.11.12. hammer content-view purge	105
10.11.13. hammer content-view remove	105
10.11.14. hammer content-view remove-from-environment	106
10.11.15. hammer content-view remove-repository	106
10.11.16. hammer content-view remove-version	107
10.11.17. hammer content-view update	107
10.11.18. hammer content-view version	108
10.11.18.1. hammer content-view version delete	108
10.11.18.2. hammer content-view version export	108
10.11.18.3. hammer content-view version incremental-update	109
10.11.18.4. hammer content-view version info	110
10.11.18.5. hammer content-view version list	111
10.11.18.6. hammer content-view version promote	111
10.11.18.7. hammer content-view version republish-repositories	112
10.12. HAMMER CSV	112
10.12.1. hammer csv activation-keys	113
10.12.2. hammer csv content-hosts	113
10.12.3. hammer csv export	114
10.12.4. hammer csv import	115
10.12.5. hammer csv settings	115
10.12.6. hammer csv subscriptions	115
10.13. HAMMER DEFAULTS	116
10.13.1. hammer defaults add	116
10.13.2. hammer defaults delete	116
10.13.3. hammer defaults list	117
10.13.4. hammer defaults providers	117
10.14. HAMMER DISCOVERY	117

10.14.1. hammer discovery auto-provision	117
10.14.2. hammer discovery delete	118
10.14.3. hammer discovery facts	118
10.14.4. hammer discovery info	118
10.14.5. hammer discovery list	118
10.14.6. hammer discovery provision	119
10.14.7. hammer discovery reboot	120
10.14.8. hammer discovery refresh-facts	120
10.15. HAMMER DISCOVERY-RULE	121
10.15.1. hammer discovery-rule create	121
10.15.2. hammer discovery-rule delete	122
10.15.3. hammer discovery-rule info	122
10.15.4. hammer discovery-rule list	122
10.15.5. hammer discovery-rule update	123
10.16. HAMMER DOCKER	123
10.16.1. hammer docker container	124
10.16.1.1. hammer docker container create	124
10.16.1.2. hammer docker container delete	125
10.16.1.3. hammer docker container info	126
10.16.1.4. hammer docker container list	126
10.16.1.5. hammer docker container logs	126
10.16.1.6. hammer docker container start	127
10.16.1.7. hammer docker container status	127
10.16.1.8. hammer docker container stop	127
10.16.2. hammer docker manifest	127
10.16.2.1. hammer docker manifest info	128
10.16.2.2. hammer docker manifest list	128
10.16.3. hammer docker registry	129
10.16.3.1. hammer docker registry create	129
10.16.3.2. hammer docker registry delete	130
10.16.3.3. hammer docker registry info	130
10.16.3.4. hammer docker registry list	130
10.16.3.5. hammer docker registry update	131
10.16.4. hammer docker tag	131
10.16.4.1. hammer docker tag info	132
10.16.4.2. hammer docker tag list	132
10.17. HAMMER DOMAIN	133
10.17.1. hammer domain create	133
10.17.2. hammer domain delete	134
10.17.3. hammer domain delete-parameter	134
10.17.4. hammer domain info	134
10.17.5. hammer domain list	135
10.17.6. hammer domain set-parameter	135
10.17.7. hammer domain update	135
10.18. HAMMER ENVIRONMENT	136
10.18.1. hammer environment create	136
10.18.2. hammer environment delete	137
10.18.3. hammer environment info	137
10.18.4. hammer environment list	137
10.18.5. hammer environment sc-params	138
10.18.6. hammer environment update	138
10.19. HAMMER ERRATUM	139
10.19.1. hammer erratum info	139

10.19.2. hammer erratum list	139
10.20. HAMMER FACT	140
10.20.1. hammer fact list	141
10.21. HAMMER FILE	141
10.21.1. hammer file info	141
10.21.2. hammer file list	142
10.22. HAMMER FILTER	143
10.22.1. hammer filter available-permissions	143
10.22.2. hammer filter available-resources	144
10.22.3. hammer filter create	144
10.22.4. hammer filter delete	144
10.22.5. hammer filter info	145
10.22.6. hammer filter list	145
10.22.7. hammer filter update	145
10.23. HAMMER FOREIGN-INPUT-SET	146
10.23.1. hammer foreign-input-set create	146
10.23.2. hammer foreign-input-set delete	147
10.23.3. hammer foreign-input-set info	147
10.23.4. hammer foreign-input-set list	147
10.23.5. hammer foreign-input-set update	147
10.24. HAMMER FULL-HELP	148
10.25. HAMMER GLOBAL-PARAMETER	148
10.25.1. hammer global-parameter delete	148
10.25.2. hammer global-parameter list	149
10.25.3. hammer global-parameter set	149
10.26. HAMMER GPG	149
10.26.1. hammer gpg create	150
10.26.2. hammer gpg delete	150
10.26.3. hammer gpg info	150
10.26.4. hammer gpg list	150
10.26.5. hammer gpg update	151
10.27. HAMMER HOST	151
10.27.1. hammer host create	152
10.27.2. hammer host delete	157
10.27.3. hammer host delete-parameter	157
10.27.4. hammer host errata	157
10.27.4.1. hammer host errata apply	158
10.27.4.2. hammer host errata info	158
10.27.4.3. hammer host errata list	158
10.27.5. hammer host facts	159
10.27.6. hammer host info	159
10.27.7. hammer host interface	159
10.27.7.1. hammer host interface create	160
10.27.7.2. hammer host interface delete	161
10.27.7.3. hammer host interface info	161
10.27.7.4. hammer host interface list	161
10.27.7.5. hammer host interface update	162
10.27.8. hammer host list	163
10.27.9. hammer host package	163
10.27.9.1. hammer host package install	164
10.27.9.2. hammer host package list	164
10.27.9.3. hammer host package remove	165
10.27.9.4. hammer host package upgrade	165

10.27.9.5. hammer host package upgrade-all	165
10.27.10. hammer host package-group	165
10.27.10.1. hammer host package-group install	166
10.27.10.2. hammer host package-group remove	166
10.27.11. hammer host puppet-classes	166
10.27.12. hammer host puppetrun	167
10.27.13. hammer host reboot	167
10.27.14. hammer host rebuild-config	167
10.27.15. hammer host reports	167
10.27.16. hammer host sc-params	168
10.27.17. hammer host set-parameter	168
10.27.18. hammer host smart-variables	168
10.27.19. hammer host start	169
10.27.20. hammer host status	169
10.27.21. hammer host stop	169
10.27.22. hammer host subscription	169
10.27.22.1. hammer host subscription attach	170
10.27.22.2. hammer host subscription auto-attach	170
10.27.22.3. hammer host subscription content-override	170
10.27.22.4. hammer host subscription product-content	171
10.27.22.5. hammer host subscription register	171
10.27.22.6. hammer host subscription remove	172
10.27.22.7. hammer host subscription unregister	172
10.27.23. hammer host update	172
10.28. HAMMER HOST-COLLECTION	177
10.28.1. hammer host-collection add-host	178
10.28.2. hammer host-collection copy	178
10.28.3. hammer host-collection create	178
10.28.4. hammer host-collection delete	179
10.28.5. hammer host-collection erratum	179
10.28.5.1. hammer host-collection erratum install	180
10.28.6. hammer host-collection hosts	180
10.28.7. hammer host-collection info	180
10.28.8. hammer host-collection list	181
10.28.9. hammer host-collection package	181
10.28.9.1. hammer host-collection package install	182
10.28.9.2. hammer host-collection package remove	182
10.28.9.3. hammer host-collection package update	182
10.28.10. hammer host-collection package-group	183
10.28.10.1. hammer host-collection package-group install	183
10.28.10.2. hammer host-collection package-group remove	184
10.28.10.3. hammer host-collection package-group update	184
10.28.11. hammer host-collection remove-host	184
10.28.12. hammer host-collection update	185
10.29. HAMMER HOSTGROUP	185
10.29.1. hammer hostgroup create	186
10.29.2. hammer hostgroup delete	188
10.29.3. hammer hostgroup delete-parameter	188
10.29.4. hammer hostgroup info	188
10.29.5. hammer hostgroup list	189
10.29.6. hammer hostgroup puppet-classes	189
10.29.7. hammer hostgroup sc-params	189
10.29.8. hammer hostgroup set-parameter	190

10.29.9. hammer hostgroup smart-variables	190
10.29.10. hammer hostgroup update	190
10.30. HAMMER JOB-INVOCATION	193
10.30.1. hammer job-invocation create	193
10.30.2. hammer job-invocation info	194
10.30.3. hammer job-invocation list	195
10.30.4. hammer job-invocation output	195
10.31. HAMMER JOB-TEMPLATE	195
10.31.1. hammer job-template create	196
10.31.2. hammer job-template delete	197
10.31.3. hammer job-template dump	197
10.31.4. hammer job-template export	197
10.31.5. hammer job-template import	197
10.31.6. hammer job-template info	198
10.31.7. hammer job-template list	198
10.31.8. hammer job-template update	198
10.32. HAMMER LIFECYCLE-ENVIRONMENT	199
10.32.1. hammer lifecycle-environment create	200
10.32.2. hammer lifecycle-environment delete	200
10.32.3. hammer lifecycle-environment info	200
10.32.4. hammer lifecycle-environment list	201
10.32.5. hammer lifecycle-environment paths	201
10.32.6. hammer lifecycle-environment update	202
10.33. HAMMER LOCATION	202
10.33.1. hammer location add-compute-resource	203
10.33.2. hammer location add-config-template	203
10.33.3. hammer location add-domain	203
10.33.4. hammer location add-environment	204
10.33.5. hammer location add-hostgroup	204
10.33.6. hammer location add-medium	204
10.33.7. hammer location add-organization	204
10.33.8. hammer location add-smart-proxy	205
10.33.9. hammer location add-subnet	205
10.33.10. hammer location add-user	205
10.33.11. hammer location create	206
10.33.12. hammer location delete	207
10.33.13. hammer location delete-parameter	208
10.33.14. hammer location info	208
10.33.15. hammer location list	208
10.33.16. hammer location remove-compute-resource	209
10.33.17. hammer location remove-config-template	209
10.33.18. hammer location remove-domain	209
10.33.19. hammer location remove-environment	209
10.33.20. hammer location remove-hostgroup	210
10.33.21. hammer location remove-medium	210
10.33.22. hammer location remove-organization	210
10.33.23. hammer location remove-smart-proxy	211
10.33.24. hammer location remove-subnet	211
10.33.25. hammer location remove-user	211
10.33.26. hammer location set-parameter	211
10.33.27. hammer location update	212
10.34. HAMMER MEDIUM	214
10.34.1. hammer medium add-operatingsystem	214

10.34.2. hammer medium create	214
10.34.3. hammer medium delete	215
10.34.4. hammer medium info	216
10.34.5. hammer medium list	216
10.34.6. hammer medium remove-operatingsystem	216
10.34.7. hammer medium update	217
10.35. HAMMER MODEL	217
10.35.1. hammer model create	218
10.35.2. hammer model delete	218
10.35.3. hammer model info	218
10.35.4. hammer model list	219
10.35.5. hammer model update	219
10.36. HAMMER ORGANIZATION	219
10.36.1. hammer organization add-compute-resource	220
10.36.2. hammer organization add-config-template	220
10.36.3. hammer organization add-domain	221
10.36.4. hammer organization add-environment	221
10.36.5. hammer organization add-hostgroup	221
10.36.6. hammer organization add-location	221
10.36.7. hammer organization add-medium	222
10.36.8. hammer organization add-smart-proxy	222
10.36.9. hammer organization add-subnet	222
10.36.10. hammer organization add-user	223
10.36.11. hammer organization create	223
10.36.12. hammer organization delete	225
10.36.13. hammer organization delete-parameter	225
10.36.14. hammer organization info	225
10.36.15. hammer organization list	225
10.36.16. hammer organization remove-compute-resource	226
10.36.17. hammer organization remove-config-template	226
10.36.18. hammer organization remove-domain	226
10.36.19. hammer organization remove-environment	227
10.36.20. hammer organization remove-hostgroup	227
10.36.21. hammer organization remove-location	227
10.36.22. hammer organization remove-medium	228
10.36.23. hammer organization remove-smart-proxy	228
10.36.24. hammer organization remove-subnet	228
10.36.25. hammer organization remove-user	228
10.36.26. hammer organization set-parameter	229
10.36.27. hammer organization update	229
10.37. HAMMER OS	231
10.37.1. hammer os add-architecture	232
10.37.2. hammer os add-config-template	232
10.37.3. hammer os add-ptable	232
10.37.4. hammer os create	233
10.37.5. hammer os delete	234
10.37.6. hammer os delete-default-template	234
10.37.7. hammer os delete-parameter	234
10.37.8. hammer os info	234
10.37.9. hammer os list	235
10.37.10. hammer os remove-architecture	235
10.37.11. hammer os remove-config-template	236
10.37.12. hammer os remove-ptable	236

10.37.13. hammer os set-default-template	236
10.37.14. hammer os set-parameter	236
10.37.15. hammer os update	237
10.38. HAMMER OSTREE-BRANCH	238
10.38.1. hammer ostree-branch info	238
10.38.2. hammer ostree-branch list	238
10.39. HAMMER PACKAGE	239
10.39.1. hammer package info	240
10.39.2. hammer package list	240
10.40. HAMMER PACKAGE-GROUP	241
10.40.1. hammer package-group info	241
10.40.2. hammer package-group list	242
10.41. HAMMER PARTITION-TABLE	243
10.41.1. hammer partition-table add-operatingsystem	243
10.41.2. hammer partition-table create	243
10.41.3. hammer partition-table delete	244
10.41.4. hammer partition-table dump	245
10.41.5. hammer partition-table info	245
10.41.6. hammer partition-table list	245
10.41.7. hammer partition-table remove-operatingsystem	246
10.41.8. hammer partition-table update	246
10.42. HAMMER PING	247
10.43. HAMMER POLICY	247
10.43.1. hammer policy create	247
10.43.2. hammer policy delete	248
10.43.3. hammer policy info	249
10.43.4. hammer policy list	249
10.43.5. hammer policy update	249
10.44. HAMMER PRODUCT	250
10.44.1. hammer product create	251
10.44.2. hammer product delete	251
10.44.3. hammer product info	251
10.44.4. hammer product list	252
10.44.5. hammer product remove-sync-plan	252
10.44.6. hammer product set-sync-plan	253
10.44.7. hammer product synchronize	253
10.44.8. hammer product update	254
10.45. HAMMER PROXY	254
10.45.1. hammer proxy content	254
10.45.1.1. hammer proxy content add-lifecycle-environment	255
10.45.1.2. hammer proxy content available-lifecycle-environments	255
10.45.1.3. hammer proxy content cancel-synchronization	255
10.45.1.4. hammer proxy content info	256
10.45.1.5. hammer proxy content lifecycle-environments	256
10.45.1.6. hammer proxy content remove-lifecycle-environment	256
10.45.1.7. hammer proxy content synchronization-status	257
10.45.1.8. hammer proxy content synchronize	257
10.45.2. hammer proxy create	257
10.45.3. hammer proxy delete	258
10.45.4. hammer proxy import-classes	258
10.45.5. hammer proxy info	258
10.45.6. hammer proxy list	259
10.45.7. hammer proxy refresh-features	259

10.45.8. hammer proxy update	259
10.46. HAMMER PUPPET-CLASS	260
10.46.1. hammer puppet-class info	260
10.46.2. hammer puppet-class list	261
10.46.3. hammer puppet-class sc-params	261
10.46.4. hammer puppet-class smart-variables	261
10.47. HAMMER PUPPET-MODULE	262
10.47.1. hammer puppet-module info	262
10.47.2. hammer puppet-module list	262
10.48. HAMMER REALM	263
10.48.1. hammer realm create	264
10.48.2. hammer realm delete	264
10.48.3. hammer realm info	265
10.48.4. hammer realm list	265
10.48.5. hammer realm update	265
10.49. HAMMER RECURRING-LOGIC	266
10.49.1. hammer recurring-logic cancel	266
10.49.2. hammer recurring-logic info	266
10.49.3. hammer recurring-logic list	267
10.50. HAMMER REMOTE-EXECUTION-FEATURE	267
10.50.1. hammer remote-execution-feature info	267
10.50.2. hammer remote-execution-feature list	267
10.50.3. hammer remote-execution-feature update	268
10.51. HAMMER REPORT	268
10.51.1. hammer report delete	268
10.51.2. hammer report info	268
10.51.3. hammer report list	269
10.52. HAMMER REPOSITORY	269
10.52.1. hammer repository create	269
10.52.2. hammer repository delete	271
10.52.3. hammer repository export	271
10.52.4. hammer repository info	272
10.52.5. hammer repository list	272
10.52.6. hammer repository remove-content	273
10.52.7. hammer repository synchronize	273
10.52.8. hammer repository update	274
10.52.9. hammer repository upload-content	275
10.53. HAMMER REPOSITORY-SET	276
10.53.1. hammer repository-set available-repositories	276
10.53.2. hammer repository-set disable	276
10.53.3. hammer repository-set enable	277
10.53.4. hammer repository-set info	277
10.53.5. hammer repository-set list	278
10.54. HAMMER ROLE	278
10.54.1. hammer role clone	278
10.54.2. hammer role create	279
10.54.3. hammer role delete	279
10.54.4. hammer role filters	280
10.54.5. hammer role info	280
10.54.6. hammer role list	280
10.54.7. hammer role update	281
10.55. HAMMER SC-PARAM	281
10.55.1. hammer sc-param add-override-value	281

10.55.2. hammer sc-param info	282
10.55.3. hammer sc-param list	282
10.55.4. hammer sc-param remove-override-value	283
10.55.5. hammer sc-param update	283
10.56. HAMMER SCAP-CONTENT	284
10.56.1. hammer scap-content create	285
10.56.2. hammer scap-content delete	285
10.56.3. hammer scap-content download	285
10.56.4. hammer scap-content info	286
10.56.5. hammer scap-content list	286
10.56.6. hammer scap-content update	286
10.57. HAMMER SETTINGS	286
10.57.1. hammer settings list	287
10.57.2. hammer settings set	287
10.58. HAMMER SHELL	287
10.59. HAMMER SMART-VARIABLE	288
10.59.1. hammer smart-variable add-override-value	288
10.59.2. hammer smart-variable create	288
10.59.3. hammer smart-variable delete	289
10.59.4. hammer smart-variable info	289
10.59.5. hammer smart-variable list	290
10.59.6. hammer smart-variable remove-override-value	290
10.59.7. hammer smart-variable update	290
10.60. HAMMER SUBNET	291
10.60.1. hammer subnet create	292
10.60.2. hammer subnet delete	293
10.60.3. hammer subnet delete-parameter	293
10.60.4. hammer subnet info	293
10.60.5. hammer subnet list	294
10.60.6. hammer subnet set-parameter	294
10.60.7. hammer subnet update	294
10.61. HAMMER SUBSCRIPTION	295
10.61.1. hammer subscription delete-manifest	296
10.61.2. hammer subscription list	296
10.61.3. hammer subscription manifest-history	297
10.61.4. hammer subscription refresh-manifest	297
10.61.5. hammer subscription upload	297
10.62. HAMMER SYNC-PLAN	298
10.62.1. hammer sync-plan create	298
10.62.2. hammer sync-plan delete	299
10.62.3. hammer sync-plan info	299
10.62.4. hammer sync-plan list	299
10.62.5. hammer sync-plan update	300
10.63. HAMMER TAILORING-FILE	300
10.63.1. hammer tailoring-file create	301
10.63.2. hammer tailoring-file delete	301
10.63.3. hammer tailoring-file download	301
10.63.4. hammer tailoring-file info	302
10.63.5. hammer tailoring-file list	302
10.63.6. hammer tailoring-file update	302
10.64. HAMMER TASK	303
10.64.1. hammer task list	303
10.64.2. hammer task progress	303

10.64.3. hammer task resume	303
10.65. HAMMER TEMPLATE	304
10.65.1. hammer template add-operatingsystem	304
10.65.2. hammer template build-pxe-default	305
10.65.3. hammer template clone	305
10.65.4. hammer template create	305
10.65.5. hammer template delete	306
10.65.6. hammer template dump	306
10.65.7. hammer template info	306
10.65.8. hammer template kinds	307
10.65.9. hammer template list	307
10.65.10. hammer template remove-operatingsystem	307
10.65.11. hammer template update	307
10.66. HAMMER TEMPLATE-INPUT	308
10.66.1. hammer template-input create	309
10.66.2. hammer template-input delete	309
10.66.3. hammer template-input info	309
10.66.4. hammer template-input list	310
10.67. HAMMER USER	310
10.67.1. hammer user add-role	310
10.67.2. hammer user create	311
10.67.3. hammer user delete	312
10.67.4. hammer user info	313
10.67.5. hammer user list	313
10.67.6. hammer user remove-role	313
10.67.7. hammer user ssh-keys	313
10.67.7.1. hammer user ssh-keys add	314
10.67.7.2. hammer user ssh-keys delete	314
10.67.7.3. hammer user ssh-keys info	314
10.67.7.4. hammer user ssh-keys list	315
10.67.8. hammer user update	315
10.68. HAMMER USER-GROUP	317
10.68.1. hammer user-group add-role	317
10.68.2. hammer user-group add-user	317
10.68.3. hammer user-group add-user-group	318
10.68.4. hammer user-group create	318
10.68.5. hammer user-group delete	318
10.68.6. hammer user-group external	319
10.68.6.1. hammer user-group external create	319
10.68.6.2. hammer user-group external delete	319
10.68.6.3. hammer user-group external info	320
10.68.6.4. hammer user-group external list	320
10.68.6.5. hammer user-group external refresh	320
10.68.6.6. hammer user-group external update	320
10.68.7. hammer user-group info	321
10.68.8. hammer user-group list	321
10.68.9. hammer user-group remove-role	321
10.68.10. hammer user-group remove-user	322
10.68.11. hammer user-group remove-user-group	322
10.68.12. hammer user-group update	322
10.69. HAMMER VIRT-WHO-CONFIG	323
10.69.1. hammer virt-who-config create	323
10.69.2. hammer virt-who-config delete	324

10.69.3. hammer virt-who-config deploy	324
10.69.4. hammer virt-who-config fetch	324
10.69.5. hammer virt-who-config info	325
10.69.6. hammer virt-who-config list	325
10.69.7. hammer virt-who-config update	325

CHAPTER 1. INTRODUCTION TO HAMMER

Hammer is a powerful command-line tool provided with Red Hat Satellite 6. You can use Hammer to configure and manage a Red Hat Satellite Server either through CLI commands or automation in shell scripts. Hammer also provides an interactive shell.

Hammer compared to Satellite web UI

Compared to navigating the web UI, using Hammer can result in much faster interaction with the Satellite Server, as common shell features such as environment variables and aliases are at your disposal. You can also incorporate Hammer commands into reusable scripts for automating tasks of various complexity. Output from Hammer commands can be redirected to other tools, which allows for integration with your existing environment. You can issue Hammer commands directly on the base operating system running Red Hat Satellite.

Access to Satellite Server's base operating system is required to issue Hammer commands, which can limit the number of potential users compared to the web UI. Although the parity between Hammer and the web UI is almost complete, the web UI has development priority and can be ahead especially for newly introduced features.

Hammer compared to Satellite API

For many tasks, both Hammer and Satellite API are equally applicable. Hammer can be used as a human friendly interface to Satellite API, for example to test responses to API calls before applying them in a script (use the **-d** option to inspect API calls issued by Hammer, for example **hammer -d organization list**). Changes in the API are automatically reflected in Hammer, while scripts using the API directly have to be updated manually.

In the background, each Hammer command first establishes a binding to the API, then sends a request. This can have performance implications when executing a large number of Hammer commands in sequence. In contrast, a script communicating directly with the API establishes the binding only once. See the [API Guide](#) for more information.

1.1. GETTING HELP

View the full list of **hammer** options and subcommands by executing:

```
$ hammer --help
```

Use **--help** to inspect any subcommand, for example:

```
$ hammer organization --help
```

You can search the help output using **grep**, or redirect it to a text viewer, for example:

```
$ hammer | less
```

1.2. AUTHENTICATION

A Satellite user must prove their identity to Red Hat Satellite when entering hammer commands. Hammer commands can be run manually or automatically. In either case, hammer requires Satellite credentials for authentication. There are three methods of hammer authentication:

- Hammer authentication session

- Storing credentials in the hammer configuration file
- Providing credentials with each hammer command

The hammer configuration file method is recommended when running commands automatically. For example, running Satellite maintenance commands from a cron job. When running commands manually, the hammer authentication session and providing credentials with each command are recommended.

1.2.1. Hammer Authentication Session

Hammer authentication session is a cache that stores your credentials, and you have to provide them only once, at the beginning of the session. This method is suited to running several hammer commands in succession, for example a script containing hammer commands. In this scenario, you enter your Satellite credentials once, and the script runs as expected. By using the hammer authentication session, you avoid storing your credentials in the script itself and in the `~/.hammer/cli.modules.d/foreman.yml` hammer configuration file.

See the instructions on how to use the sessions:

- To enable sessions, add `:use_sessions: true` to the `~/.hammer/cli.modules.d/foreman.yml` file:

```
:foreman:
:use_sessions: true
```

Note that if you enable sessions, credentials stored in the configuration file will be ignored.

- To start a session, enter the following command:

```
# hammer auth login
```

You are prompted for your Satellite credentials, and logged in. You will not be prompted for the credentials again until your session expires.

- The default length of a session is 60 minutes. You can change the time to suit your preference. For example, to change it to 30 minutes, enter the following command:

```
# hammer settings set --name idle_timeout --value 30
Setting [idle_timeout] updated to [30]
```

- To see the current status of the session, enter the following command:

```
# hammer auth status
```

- To end the session, enter the following command:

```
# hammer auth logout
```

1.2.2. Hammer Configuration File

If you ran the Satellite installation with `--foreman-admin-username` and `--foreman-admin-password` options, credentials you entered are stored in the `~/.hammer/cli.modules.d/foreman.yml` configuration file, and hammer does not prompt for your credentials.

You can also add your credentials to the `~/.hammer/cli.modules.d/foreman.yml` configuration file manually:

```
:foreman:
  :username: 'username'
  :password: 'password'
```



IMPORTANT

Use only spaces for indentation in hammer configuration files. Do not use tabs for indentation in hammer configuration files.

1.2.3. Command Line

If you do not have your Satellite credentials saved in the `~/.hammer/cli.modules.d/foreman.yml` configuration file, hammer prompts you for them each time you enter a command. You can specify your credentials when executing a command as follows:

```
$ hammer -u username -p password subcommands
```



NOTE

Examples in this guide assume having saved credentials in the configuration file, or using a hammer authentication session.

1.3. STANDALONE USE OF HAMMER

It is possible to install **hammer** individually on a server where there is no Satellite installed, and use it to connect the server to a remote Satellite.

The `rhel-7-server-satellite-6.4-rpms` repository is required to install the package. Users desiring to use a workstation to connect should install the repository manually, see [Downloading Packages Manually](#) in *Installing Satellite Server from a Connected Network*

1. Install **hammer**.

```
# yum install tfm-rubygem-hammer_cli_katello
```

2. Edit `/etc/hammer/cli.modules.d/foreman.yml` to point to the desired Satellite.

1.4. SETTING A DEFAULT ORGANIZATION

Many **hammer** commands are organization specific. You can set a default organization for hammer commands so that you do not have to specify it every time using the `--organization` or `--organization-id` parameter. To set a default organization, enter one of the following commands:

```
$ hammer defaults add --param-name organization --param-value org_name
$ hammer defaults add --param-name organization_id --param-value org_ID
```

You can find `org_ID` in the output of the **hammer organization list** command.

Similarly, you can set the default location by specifying its name or ID. To do so, enter one of the following commands:

```
$ hammer defaults add --param-name location --param-value loc_name
$ hammer defaults add --param-name location_id --param-value loc_ID
```

To view the currently specified default settings, enter the following command:

```
$ hammer defaults list
```

Specifying a default organization is useful when you mostly manage a single organization, as it makes your commands shorter. However, when switching to a different organization, you still have to use a command-line option to specify it. Examples in this guide do not assume a saved default organization, instead they use the shell variable approach described in [Section 2.1.2, “Identifying an Organization in a Hammer Command”](#).

1.5. CONFIGURING HAMMER

The default location for global **hammer** configuration is:

- **/etc/hammer/cli_config.yml** for general **hammer** settings.
- **/etc/hammer/cli.modules.d/** for CLI module configuration files.

You can set user specific directives for **hammer** (in **~/.hammer/cli_config.yml**) as well as for CLI modules (in respective **.yml** files under **~/.hammer/cli.modules.d/**).

To see the order in which configuration files are loaded, as well as versions of loaded modules, issue:

```
$ hammer -d --version
```



NOTE

Loading configuration for many CLI modules can slow down the execution of **hammer** commands. In such a case, consider disabling CLI modules that are not regularly used.

Apart from saving credentials as described in [Section 1.2, “Authentication”](#), you can set several other options in the **~/.hammer/** configuration directory. For example, you can change the default log level and set log rotation with the following directives in **~/.hammer/cli_config.yml**. Note that these directives affect only the current user and are not applied globally.

```
:log_level: 'warning'
:log_size: 5 #in MB
```

Similarly, you can set the number of lines displayed at once in the **hammer** output (equivalent of the **--per-page** option):

```
:per-page: 30
```

1.6. CONFIGURING HAMMER LOGGING

You can set **hammer** to log debugging information for various Satellite components.

You can set debug or normal configuration options for all Satellite components.



NOTE

After changing hammer's logging behavior, you must restart Satellite services.

```
# foreman-maintain service restart
```

- To set debug level for all components, use the following command:

```
# hammer admin logging --all --level-debug
# foreman-maintain service restart
```

- To set production level logging, use the following command:

```
# hammer admin logging --all --level-production
# foreman-maintain service restart
```

- To list the currently recognized components, that you can set logging for:

```
# hammer admin logging --list
```

- To list all available logging options:

```
# hammer admin logging --help

Usage:
  hammer admin logging [OPTIONS]
```

1.7. INVOKING THE HAMMER SHELL

You can issue **hammer** commands through the interactive shell. To invoke the shell, issue the following command:

```
$ hammer shell
```

In the shell, you can enter subcommands directly without typing "hammer", which can be useful for testing commands before using them in a script. To exit the shell, type **exit** or press [Ctrl + D].

1.8. GENERATING FORMATTED OUTPUT

You can modify the default formatting of the output of **hammer** commands to simplify the processing of this output by other command line tools and applications. For example, to list organizations in a CSV format with a custom separator (in this case a semicolon), issue the following command:

```
$ hammer --csv --csv-separator ";" organization list
```

Output in CSV format is useful for example when you need to parse IDs and use them in a **for** loop (see [Example 2.6, "Synchronizing All Repositories in ACME Organization"](#) or [Example 2.8, "Assigning a Synchronization Plan to Multiple Products"](#)).

Several other formatting options are available with the **--output** option:

```
$ hammer --output output_format organization list
```

Replace *output_format* with one of:

- **table** — generates output in the form of a human readable table (default).
- **base** — generates output in the form of key-value pairs.
- **yaml** — generates output in the YAML format.
- **csv** — generates output in the Comma Separated Values format. To define a custom separator, use the **--csv** and **--csv-separator** options instead.
- **json** — generates output in the JavaScript Object Notation format.
- **silent** — suppresses the output.

1.9. HIDING HEADER OUTPUT FROM HAMMER COMMANDS

When you use any hammer command, you have the option of hiding headers from the output. If you want to pipe or use the output in custom scripts, hiding the output is useful.

- To hide the header output, add the **--no-headers** option to any hammer command.

1.10. TROUBLESHOOTING WITH HAMMER

You can use the **hammer ping** command to check the status of core Satellite services. Together with the **foreman-maintain service status** command, this can help you to diagnose and troubleshoot Satellite issues. If all services are running as expected, the output looks as follows:

```
$ hammer ping
candlepin:
  Status:          ok
  Server Response: Duration: 22ms
candlepin_auth:
  Status:          ok
  Server Response: Duration: 17ms
pulp:
  Status:          ok
  Server Response: Duration: 41ms
pulp_auth:
  Status:          ok
  Server Response: Duration: 23ms
foreman_tasks:
  Status:          ok
  Server Response: Duration: 33ms
```

CHAPTER 2. MANAGING ORGANIZATIONS, LOCATIONS, AND REPOSITORIES

You can use **hammer** to create, edit, and manage organizations, locations, and repositories. For web UI equivalents of the following procedures see [Managing Organizations](#) and [Importing Red Hat Content](#) in the *Content Management Guide*.

2.1. ORGANIZATIONS

Organization in Red Hat Satellite is an isolated collection of systems, content, and other functionality within a Satellite deployment. This section shows how to create and modify organizations using **hammer**.

2.1.1. Creating an Organization

Use the following command to create an organization:

```
$ hammer organization create \  
--name "org_name" \  
--label "org_label" \  
--description "org_description"
```

Where:

- *org_name* is the name of the organization. This parameter is required.
- *org_label* is the organization label used in command-line applications such as **subscription-manager**. Labels cannot contain white space and you cannot change them later. If not specified, label is generated automatically from the organization name (white space is replaced with underscores).
- *org_description* is a short description of the organization. This parameter is not required, but it can help you to manage a large number of organizations.

You can fully configure an organization while creating it (issue **hammer organization create --help** to see the options). Also, you can modify an existing organization using the **hammer organization update** command.

Example 2.1. Creating and Updating ACME Organization

The following example shows how to create an organization named ACME:

```
$ ORG="ACME"  
$ hammer organization create \  
--name $ORG \  
--description "Example_organization"
```

This command assigns a compute resource to the organization:

```
$ hammer organization update \  
--name $ORG \  
--compute-resource-ids 1
```

2.1.2. Identifying an Organization in a Hammer Command

Many tasks you can perform in the Satellite Server are specific to an organization. Hammer commands provide three ways to identify an organization: by using the **organization**, **organization-label**, or **organization-id** option. To find the organization ID, use the following command:

```
$ hammer organization list
```

If your organization name is long, consider storing it in a shell variable. You can use this variable in Hammer commands. For example:

```
$ ORG = "Red Hat Enterprise Linux Developer Team"
$ hammer product list --organization $ORG
```

This approach is used in examples in this guide.

If you mostly manage a single organization, you can set it as default. For information on how to do that, see [Section 1.4, “Setting a Default Organization”](#).

2.1.3. Uploading a Manifest

A Subscription Manifest transfers subscriptions from the Red Hat Customer Portal to Satellite Server. First, generate the manifest on the Red Hat Customer portal as described in the [Creating a Subscription Manifest](#) in the *Content Management Guide*. Then upload the manifest to the organization as follows:

```
$ hammer subscription upload \
--organization-label org_label \
--file path_to_manifest
```

Example 2.2. Uploading a Manifest to ACME Organization

The following example shows how to upload a Subscription Manifest file to the ACME organization (assuming the organization name is stored in a shell variable):

```
$ hammer subscription upload --organization $ORG --file
/tmp/manifest.zip
```

To view the subscriptions imported with the manifest, issue:

```
$ hammer subscription list --organization $ORG
```

2.2. LOCATIONS

Location in Red Hat Satellite is collection of default settings that represent a physical place. This section shows how to create locations using **hammer**.

2.2.1. Creating a Location

Use the following command to create a location:

```
$ hammer location create --name location_name
```

Example 2.3. Creating Multiple Locations Using a Script

The following Bash script creates three locations (london, munich, boston), and assigns them to the ACME organization.

```
ORG="ACME"
LOCATIONS="london munich boston"

for LOC in ${LOCATIONS}
do
    hammer location create --name "${LOC}"
    hammer location add-organization --name "${LOC}" --organization
"${ORG}"
done
```

Run **hammer location --help** to view all possible location related operations.

2.3. REPOSITORIES

Repository provides storage for a collection of content. This section shows how to enable and synchronize repositories using **hammer**.

2.3.1. Enabling a Repository

Before enabling a Red Hat repository, you need to know its name, the name of the product it provides, the base architecture, and the release version. Use the following command to enable a repository:

```
$ hammer repository-set enable \
--organization-label org_label \
--product "product_name" \
--basearch "base_architecture" \
--releasever "release_version" \
--name "repository_name"
```

Example 2.4. Enabling a Red Hat Enterprise Linux Repository

The following command enables the Red Hat Enterprise Linux 7 Server repository for the organization:

```
$ hammer repository-set enable \
--organization $ORG \
--product "Red Hat Enterprise Linux Server" \
--basearch "x86_64" \
--releasever "7Server" \
--name "Red Hat Enterprise Linux 7 Server (RPMs)"
```

Run **hammer repository-set --help** to view all possible repository related operations. Also see **hammer repository --help**.

2.3.2. Synchronizing a Repository

By synchronizing a repository you pull its content from Red Hat Customer Portal to the Satellite Server. To synchronize a repository you need to specify its name and a product name:

```
$ hammer repository synchronize \
--product "product_name" \
--name "repo_name" \
--organization-label org_label \
--async
```

Note that if you have created Content Views, multiple repositories with the same name can exist within a single organization. In such a case, use the `--id` option to identify the repository you want to synchronize (issue **hammer repository list** to find repository IDs).

Example 2.5. Synchronizing a Red Hat Enterprise Linux Repository

The following command performs a single synchronization of the Red Hat Enterprise Linux 7 Server repository in the organization:

```
$ hammer repository synchronize \
--product "Red Hat Enterprise Linux Server" \
--name "Red Hat Enterprise Linux 7 Server (RPMs)" \
--organization $ORG \
--async
```

The task ID is displayed after executing the above command:

```
Repository is being synchronized in task 640bb71f-0ce5-40a3-a675-
425a4acacceb
```

To view the progress of the task, issue:

```
$ hammer task progress --id 640bb71f-0ce5-40a3-a675-425a4acacceb
```

After finishing the first synchronization, the repository is added to the list of repositories mirrored on Satellite Server. Execute the following command to see the list:

```
$ hammer repository list --organization $ORG
```

You can also synchronize all repositories within a product as follows:

```
$ hammer product synchronize \
--organization-label org_label \
--name "product_name" \
--async
```

With the `--async` option, the repository synchronization runs in the background, which for example allows you to enable and synchronize several repositories in parallel.

Example 2.6. Synchronizing All Repositories in ACME Organization

The following Bash script synchronizes all repositories within the ACME organization.

```
ORG="ACME"

for i in $(hammer --csv repository list --organization $ORG | grep -vi
'^ID' | awk -F, {'print $1'})
do
    hammer repository synchronize --id ${i} --organization $ORG --async
done
```

2.3.3. Creating a Synchronization Plan

Product in Red Hat Satellite is a collection of repositories that acts as the smallest unit of the synchronization process. You can create a synchronization plan to automatically update repositories of a selected product in a given time interval.

To define a synchronization plan, issue the following command:

```
$ hammer sync-plan create \
--name "sync_plan_name" \
--enabled=true \
--interval repetition_interval \
--organization-label org_label \
--sync-date "initial_sync"
```

Replace *repetition_interval* with **hourly**, **daily**, or **weekly**. Replace *initial_sync* with the date and time of the initial synchronization in the form of "YYYY-MM-DD HH:MM:SS".

Example 2.7. Creating a Synchronization Plan

The following command creates a daily synchronization schedule for the ACME organization, that runs at 3 a.m., starting from 15 January 2016:

```
$ hammer sync-plan create \
--name "daily sync at 3 a.m." \
--enabled=true \
--interval daily \
--organization $ORG \
--sync-date "2016-01-15 03:00:00"
```

To associate the synchronization plan with a product, issue the following command:

```
$ hammer product set-sync-plan \
--organization-label org_label \
--name "product_name" \
--sync-plan "sync_plan_name"
```

Example 2.8. Assigning a Synchronization Plan to Multiple Products

The following Bash script selects the products in the ACME organization that have been synchronized at least once and contain at least one repository and assigns them a synchronization plan named "daily sync at 3 a.m."

```
ORG="ACME"
SYNC_PLAN="daily sync at 3 a.m."

for i in $(hammer --csv product list --organization $ORG --per-page 999
| grep -vi '^ID' | grep -vi not_synced | awk -F, '{{ if ($5!=0) print
$1}}')
do
    hammer product set-sync-plan --sync-plan $SYNC_PLAN --organization
$ORG --id $i
done
```

After executing the script, issue the following command to see which products have been assigned the synchronization plan:

```
$ hammer product list --organization $ORG --sync-plan "daily sync at 3
a.m."
```

To view synchronization plans available for a selected organization, issue the following command:

```
$ hammer sync-plan list --organization-label org_label
```

For more details on working with products and synchronization plans see the output of **hammer sync-plan --help** and **hammer product --help**.

2.3.4. Creating a Custom Repository

After enabling a Red Hat repository, the corresponding product is created automatically. To enable a repository with custom packages, you first need to manually create a product for this repository.

Use the following command to create a custom product:

```
$ hammer product create --name "product_name" --organization-label
org_label
```

The following command creates a new repository under the custom product:

```
$ hammer repository create \
--name "repo_name" \
--organization-label org_label \
--product "product_name" \
--content-type cont_type --publish-via-http true \
--url "repo_url"
```

Replace the example values with your own details, in particular:

- *cont_type* specifies the type of content in the repository, choose one of **yum**, **puppet**, or **docker**.

- *repo_url* specifies the URL on which the repository will be available, valid only if `--publish-via-http` is enabled.

To upload packages to a custom repository, issue the following command:

```
$ hammer repository upload-content \  
--product "product_name" \  
--organization-label org_label \  
--id "repo_id" \  
--path path_to_dir
```

Replace *path_to_dir* with the path to the directory with content (RPM packages, Puppet modules, or Docker images) to be added to the custom repository.

CHAPTER 3. MANAGING CONTENT LIFE CYCLE

This section shows how to use **hammer** to create Content Views and to promote them through life cycle environments.

3.1. CREATING A LIFE CYCLE ENVIRONMENT

Life cycle environments represent stages of the content life cycle. This section shows how to view and create life cycle environments with **hammer**. By default, the Library environment is present for each organization. Use the following syntax to create a new life cycle environment:

```
$ hammer lifecycle-environment create \
--name env_name \
--description "env_description" \
--organization-label org_label \
--prior prior_env_name
```

Example 3.1. Creating a Life Cycle Environment

This example shows how to create a new environment based on Library for the ACME organization (assuming the organization name is stored in a shell variable):

```
$ hammer lifecycle-environment create \
--name Development \
--description "Initial testing" \
--organization $ORG \
--prior Library
```

You can create another life cycle environment based on **Development** using the **- -prior** option.

To view existing life cycle environments, issue the following command:

```
$ hammer lifecycle-environment list --organization-label org_label
```

The output of the above command can look as follows:

```
---|-----|-----
ID | NAME      | PRIOR
---|-----|-----
2  | Library   |
5  | Development | Library
6  | Testing   | Development
---|-----|-----
```

For more information on commands related to life cycle environments, see the output of **hammer lifecycle-environment --help**.

3.2. CREATING A CONTENT VIEW

Content Views are subsets of content from the Library created by intelligent filtering. You can publish and promote Content Views into life cycle environments that make content available for different uses (typically Dev, QA, and Production). To create a Content View, issue the following command:

```
$ hammer content-view create \
--name cv_name \
--repository-ids repo_ID1,repo_ID2,repo_ID3 \
--description "cv_description" \
--organization-label org_label
```

The **--repository-ids** option adds the selected repositories to the Content View, use the **hammer repository list** command to find the IDs. It is also possible to omit this option to create an empty Content View that you can modify later using the **update** or **add-repository** subcommands.

Example 3.2. Creating a Content View

The following example creates a Content View under the ACME organization and assigns it three repositories:

```
$ hammer content-view create \
--name cv-rhel7-server \
--repository-ids 1,2,3 \
--description "Initial CV for RHEL 7" \
--organization $ORG
```

Example 3.3. Creating a Composite Content View

A Composite Content View is comprised of one or more Content Views. This example shows how to create a Composite Content View from two existing Content Views:

```
$ hammer content-view create \
--name ccv-rhel7-server-scl \
--description "CCV for RHEL7 and Software Collections" \
--organization $ORG \
--composite --component-ids 2,6 \
--auto-publish yes
```

Find the IDs for the **--component-ids** option by executing **hammer content-view list**. When the **--auto-publish** option is set to **yes**, the Composite Content View is automatically republished when a Content View it includes is republished.

There are three content types you can add to the Content View: RPM packages, Puppet modules, and Docker images.

3.2.1. Adding Repositories to a Content View

Use the following command to add repositories to an existing Content View:

```
$ hammer content-view update \
--repository-ids repo_ID1,repo_ID2... \
--name cv_name \
```

```
--organization-label org_label
```

The above command is useful for populating an empty Content View with repositories. Note that it will overwrite any existing repositories, therefore to increase the number of repositories in a Content View, use:

```
$ hammer content-view add-repository \
--organization-label org_label \
--name cv_name \
--repository-id repo_ID
```

Similarly, you can use the **remove-repository** subcommand to remove a repository from the Content View. Use **hammer content-view info** to inspect repositories in a Content View.

Example 3.4. Filtering Packages for a Content View – Excluding a Package

Filters allow you to select a subset of packages from a repository (either by including or excluding) to create customized Content Views. This example shows how to create a filter to exclude the **emacs** package from the **cv-rhel7-server** Content View.

First create a filter for the Content View in the organization:

```
$ hammer content-view filter create \
--type rpm \
--name exclude-emacs \
--description "Excluding emacs package" \
--inclusion false \
--organization $ORG \
--repository-ids 1,2,3 \
--content-view cv-rhel7-server
```

Find the repository IDs by executing **hammer repository list**. Create a rule to exclude packages with name starting with "emacs" and add it to the filter as follows:

```
$ hammer content-view filter rule create \
--name "emacs*" \
--organization $ORG \
--content-view cv-rhel7-server \
--content-view-filter exclude-emacs
```

As a result, hosts using the cv-rhel7-server Content View will not have access to the emacs package. You can add multiple rules to a filter, see the output **hammer content-view rule create --help** for the full list of filtering parameters. To inspect rules present in a filter, issue the following command:

```
$ hammer content-view filter rule list \
--content-view cv-rhel7-server \
--content-view-filter exclude-emacs \
--organization $ORG
```

Example 3.5. Filtering Packages for a Content View – Limiting Errata by Date

This example shows how to create a filter to exclude errata released before a specific date from the **cv-rhel7-server** Content View. For more information on errata management see [Chapter 8, Managing Errata](#). Create a filter for the Content View as follows:

```
$ hammer content-view filter create \
--type erratum \
--name limit-errata-by-date \
--description "Excluding errata by date" \
--inclusion false \
--organization $ORG \
--repository-ids 1,2,3 \
--content-view cv-rhel7-server
```

Create a rule to exclude errata with a name starting with "emacs" and add it to the filter as follows:

```
$ hammer content-view filter rule create \
--end-date YYYY-MM-DD \
--organization $ORG \
--content-view cv-rhel7-server \
--content-view-filter limit-errata-by-date \
--types enhancement,bugfix,security
```

3.2.2. Adding Puppet Modules to a Content View

To add a Puppet module to a Content View, first upload this module to a Puppet repository within a custom product. Use the commands from [Section 2.3.4, “Creating a Custom Repository”](#) to create a product with a repository, and to upload a Puppet module to the repository.

To add a Puppet module to a Content View, issue the following command:

```
$ hammer content-view puppet-module add \
--content-view cv_name \
--name module_name
```

Example 3.6. Adding a Puppet Module to a Content View

This example shows how to add a Puppet module from an external source to the cv-rhel7-server Content View.

1. Download the **concat** module (that constructs files from multiple text fragments) from Puppet Forge:

```
$ wget -O /tmp/puppetlabs-concat-1.2.5.tar.gz
https://forgeapi.puppetlabs.com
/v3/files/puppetlabs-concat-1.2.3.tar.gz
```

2. Create a Puppet repository under the ACME-puppet product and upload the module to this repository (the example assumes repository ID is 6):

```
$ hammer product create \
--name "ACME-puppet" \
--organization $ORG
```

```
$ hammer repository create \
--organization $ORG \
--product ACME-puppet \
--name "ACME Puppet Repository" \
--content-type puppet \
--url "https://forge.puppetlabs.com/"

$ hammer repository upload-content \
--organization $ORG \
--product ACME-puppet \
--id 6 \
--path /tmp/puppetlabs-concat-1.2.5.tar.gz
```

3. Add the module to the Content View using the **id**, **name**, or **author** parameters. To find the exact values, enter:

```
$ hammer puppet-module list --organization $ORG
---|-----|-----|-----
ID | NAME   | AUTHOR   | VERSION
---|-----|-----|-----
1  | concat | puppetlabs | 1.2.3
---|-----|-----|-----
```

To add the module to the Content View, issue:

```
$ hammer content-view puppet-module add \
--name concat \
--content-view cv-rhel7-server \
--organization $ORG
```

To verify if the module has been added successfully, issue the following command:

```
$ hammer content-view puppet-module list \
--content-view cv-rhel7-server \
--organization $ORG
```

3.2.3. Adding Docker Images to a Content View

You can upload Docker images directly to the dedicated repository as follows:

```
$ hammer repository upload-content --path image_archive --id repo_id
```

Replace *image_archive* with a path to the archive containing the Docker image. Use *repo_id* to identify the repository of docker content type. Then you can add this repository to the Content View.

3.3. PUBLISHING A CONTENT VIEW

By publishing a Content View you make it visible and usable by hosts. Use the following command to publish a selected Content View:

```
$ hammer content-view publish \
```

```
--id cv_ID \
--organization-label org_label \
--async
```

Find the *cv_ID* of the Content View to be published in the output of the **hammer content-view list** command. Published Content Views become available in the Library environment. To verify the Content View status, issue the following command:

```
$ hammer content-view info --id cv_ID
```

3.4. PROMOTING A CONTENT VIEW

Promoting is the act of moving a Content View from one life cycle environment to another. To do so, issue the following command.

```
$ hammer content-view version promote \
--content-view cv_name \
--organization-label org_label \
--to-lifecycle-environment env_name
```

Here, *env_name* stands for the name of target life cycle environment.

Example 3.7. Promoting a Content View Through the Life Cycle Environment Path

The following Bash script promotes the selected Content View from Library through all life cycle environments in the ACME organization:

```
ORG="ACME"
CV_ID=1

for i in $(hammer --csv lifecycle-environment list --organization $ORG |
grep -vi '^ID' | awk -F, {'print $1'} | sort -n)
do
    hammer content-view version promote --organization $ORG --to-
lifecycle-environment-id $i --id $CV_ID
done
```

To verify if the Content View has been promoted correctly, issue the following command:

```
$ hammer content-view version info --id 1
```

3.5. PERFORMING AN INCREMENTAL UPDATE OF A CONTENT VIEW

Incremental updates enable modifying a published Content View without the need to promote a new Content View version through the life cycle environment. As a result of the incremental update, a new minor Content View version is created. Incremental updates are useful for fast emergency updates, you can use them to add errata, packages, or Puppet modules.

To create an incremental update adding new packages to a Content View, issue:

```
$ hammer content-view version incremental-update \
```

```
--content-view-version-id cv_ID \
--packages pkg_name1, pkg_name2 \
--lifecycle-environment-ids env_ID1, env_ID2, ... \
--organization-id org_ID
```

Find the Content View version ID in the output of **hammer Content View version list**. Instead of supplying packages with the **--packages** option, you can add Puppet modules with **--puppet-modules**, or errata with **--errata-ids** (see [Example 3.8, “Adding Errata to a Content View using an Incremental Update”](#)). For more information on working with incremental updates issue **hammer content-view version incremental-update --help**.

Example 3.8. Adding Errata to a Content View using an Incremental Update

This example shows how to apply an erratum to a host (named **auth01.example.com**) by creating an incremental update of its Content View:

```
$ hammer content-view version incremental-update \
--content-view-version-id 4 \
--errata-ids 8c3801f6-12a7-4a62-83f4-adbb1f34ce6 \
--lifecycle-environments Infrastructure \
--organization $ORG
```

To find the required information for the above command, perform the following steps:

1. Find the Organization ID and name by executing:

```
$ hammer organization list
```

2. Find the Content View your host is registered to as well as its life cycle environment by executing:

```
$ hammer host info --name auth01.example.com
```

3. Then find the current version of the Content View (assuming Content View name **RHEL7_Infra**):

```
$ hammer content-view info --name "RHEL7_Infra" --organization $ORG
```

4. Find the IDs of errata you want to apply in the list of applicable errata in **Library**:

```
$ hammer erratum list --content-view-version-id 4 --organization $ORG
$ hammer host errata list --host auth01.example.com
```

CHAPTER 4. MANAGING ACTIVATION KEYS

Activation keys define the subscription properties of a host. Using an activation key improves the speed of host registration. For web UI equivalents of the following procedures see [Managing Activation Keys](#) in the *Content Management Guide*.

There are three possible use cases for activation keys:

- **Activation key with no subscriptions specified** – hosts using the activation key search for the best fitting subscription. This is akin to running `subscription-manager --auto-attach`. See [Example 4.1, “Creating an Empty Activation Key”](#).
- **Activation key providing a custom subscription pool for auto attach** – hosts using the activation key select the best fitting subscription from the list specified in the activation key. See [Example 4.2, “Creating an Activation Key with Custom Subscription Pool”](#).
- **Activation key with the exact set of subscriptions** – hosts using the activation key are associated with all subscriptions specified in the activation key. See [Example 4.3, “Creating an Activation Key with Mandatory Subscription List”](#).



NOTE

Activation keys are only used when hosts are registered. If changes are made to an activation key, it is only applicable to hosts that are registered with the amended activation key in the future. The changes are not made to existing hosts.

To create an activation key, issue the following command:

```
$ hammer activation-key create --name ak_name \
--organization-label org_label \
--content-view cv_name \
--lifecycle-environment lc_name
```

Note that the Content View has to be published. To see the full list of operations related to activation keys, use the `hammer activation-key --help` command.

To add a subscription to the activation key, issue the following command:

```
$ hammer activation-key add-subscription \
--id ak_ID \
--subscription-id sub_ID
```

To find the activation key ID, use `hammer activation-key list`; to find the subscription ID, use `hammer subscription list`.

Example 4.1. Creating an Empty Activation Key

This example shows how to create an activation key that directs the associated hosts to automatically attach a best fitting subscription:

```
$ hammer activation-key create \
--name "automatically attach key" \
--organization $ORG \
```



```
--content-view cv-rhel7-server \
--lifecycle-environment Testing
```

As a result, hosts registered in the cv-rhel7-server Content View are associated with this activation key.

Example 4.2. Creating an Activation Key with Custom Subscription Pool

This example shows how to create an activation key that will direct the associated hosts to automatically attach a best fitting subscription from the list specified in the activation key.

First create an empty activation key:

```
$ hammer activation-key create \
--name "custom pool key" \
--organization $ORG \
--content-view cv-rhel7-server \
--lifecycle-environment Testing
```

Add a subscription to the activation key:

```
$ hammer activation-key add-subscription \
--name "custom pool key" \
--subscription-id 1
```

Keep repeating this step to add all required subscriptions to the activation key.

Example 4.3. Creating an Activation Key with Mandatory Subscription List

This example shows how to create an activation key that will direct the associated hosts to attach all subscriptions specified in the activation key.

First, create an activation key and add all required subscriptions to it. Follow the steps from [Example 4.2, “Creating an Activation Key with Custom Subscription Pool”](#).

Then disable the **auto-attach** property of the activation key:

```
$ hammer activation-key update \
--organization $ORG \
--name "mandatory subs key" \
--auto-attach false
```



IMPORTANT

You can assign several activation keys to a Content View. In case of conflicting settings, the values from the last specified key take precedence. You can specify the order of precedence by setting a host group parameter as follows:

```
$ hammer hostgroup set-parameter \  
--name kt_activation_keys \  
--value name_of_first_key, name_of_second_key, ... \  
--hostgroup hostgroup_name
```

CHAPTER 5. CONFIGURING PROVISIONING ENVIRONMENT

This section shows how to configure various stages of your provisioning environment using **hammer**. For web UI equivalents of the following procedures see [Configuring Provisioning Resources](#) in the *Provisioning Guide*.

5.1. DOMAINS

Domains in Red Hat Satellite represent DNS zones. Satellite has the ability to assign domain names with Red Hat Satellite Capsule Server DNS. This provides users with a means to group and name hosts within a particular domain and associate them with parameters and Puppet variables.

To create a new domain, issue the following command:

```
$ hammer domain create --name domain_name
```

You can associate the newly created domain to organizations and locations using the **hammer organization add-domain** or **hammer location add-domain** commands. To view the status of a domain, issue the following command:

```
$ hammer domain info --name domain_name
```

5.2. SUBNETS

Subnets in Red Hat Satellite define networks specified for groups of systems. Subnets use standard IP-address settings to define the network and use the Red Hat Satellite Capsule Server's DHCP features to assign IP addresses to systems within the subnet. The following command contains the minimal set of options required for subnet creation:

```
$ hammer subnet create \
  --name subnet_name \
  --organization-ids org_ID1,org_ID2... \
  --location-ids loc_ID1,loc_ID2... \
  --domain-ids dom_ID1,dom_ID2... \
  --boot-mode boot_mode \
  --network network_address \
  --mask netmask \
  --ipam ipam
```

Here, *boot_mode* is one of **Static** or **DHCP**, *ipam* is one of **DHCP**, **Internal DB**, or **None**. If using DHCP, you can set the IP range with the **--from** and **--to** options. For the full list of configurable options, see the output of the **hammer subnet create --help** command.

5.3. ARCHITECTURES

Architecture in Satellite represents a logical grouping of hosts and operating systems. To view the architectures, issue the following command:

```
$ hammer architecture list
```

Architectures are created by Satellite automatically when hosts are registered in Puppet, therefore it is rarely needed to create them manually (even though **hammer** provides this option).

5.4. COMPUTE RESOURCES

Compute resources are hardware abstractions from virtualization and cloud providers. Satellite uses compute resources to provision virtual machines and containers. Run the following command to create a compute resource:

```
$ hammer compute-resource create \  
--name cr_name \  
--organization-ids org_ID1,org_ID2... \  
--location-ids loc_ID1,loc_ID2... \  
--provider provider
```

Here, *provider* is one of: **RHEV**, **RHEL**, **OpenStack**, **Platform**, **Libvirt**, **Docker**, **Rackspace**, **Google**, **EC2**, or **VMware**. Depending on the provider type, other options such as **--url**, or **--user** may be required. See the output of the **hammer compute-resource create --help** command for details.

5.5. INSTALLATION MEDIA

Installation media (ISO images) provide content for kickstart trees and new host installations in Red Hat Satellite. To list the media, issue the following command:

```
$ hammer medium list
```

To add a new medium, issue the following command:

```
$ hammer medium create --name medium_name --path path_to_medium
```

You can make the medium available to organizations and locations directly when adding it (see the output of the **hammer medium create --help** command), or later by using the **hammer organization add-medium** or **hammer location add-medium** commands.

5.6. PARTITION TABLES

Partition tables define the partitions and file system layout for new installations when provisioning systems. Red Hat Satellite provides default partition tables associated with operating system families, to view them, issue the following command:

```
$ hammer partition-table list
```

To create a new partition table, issue the following command:

```
$ hammer partition-table create \  
--name table_name \  
--file path_to_layout_file \  
--os-family os_family
```

See the output of the **hammer partition-table --help** command for other subcommands.

5.7. PROVISIONING TEMPLATES

Provisioning templates provide the systematic means to run unattended installations. To view the provisioning templates provided by Satellite, enter the following command:

```
$ hammer template list
```

To add a new template, enter the following command:

```
$ hammer template create --name template_name --file path_to_template_file
```

See the output of the **hammer template --help** command for other subcommands.

5.7.1. Importing Templates

You can use the **hammer import-templates** command to import templates from a repository of your choice. You can use different protocols to point to your repository, for example **/tmp/dir**, **git://example.com**, **https://example.com**, and **ssh://example.com**.

For better indexing and management of your templates, use **--prefix** to set a category for your templates. To select certain templates from a large repository, use **--filter** to define the title of the templates that you want to import. For example **--filter '.*Ansible Default\$'** imports various Ansible Default templates.

To import a template from a repository, enter the following command:

```
$ hammer import-templates \
  --prefix '[Custom Index] ' \
  --filter '.*Template Name$' \
  --repo https://github.com/examplerepo/exampledirectory \
  --branch my_branch \
  --organization 'Default Organization'
```

5.7.2. Exporting templates

You can use the **hammer export-templates** command to export templates to a Git repository.

1. Clone a local copy of your Git repository:

```
$ git clone https://github.com/theforeman/community-templates
/custom/templates
```

2. Change the owner of your local directory to the foreman user, and change the SELinux context with the following commands:

```
# chown -R foreman:foreman /custom/templates
# chcon -R -t httpd_sys_rw_content_t /custom/templates
```

3. To export the templates to your local repository, enter the following command:

```
hammer export-templates --organization 'Default Organization' --repo
/custom/templates
```

5.8. OPERATING SYSTEMS

Operating systems define combinations of installation methods and media and are grouped within families. As a default, Red Hat Satellite uses a Red Hat family. Families allow Satellite to change certain behaviors when provisioning hosts. To list operating systems, issue the following command:

```
$ hammer os list
```

To create a new operating system, issue the following command:

```
$ hammer os create --name os_name --major version_number
```

Then you can add architectures, partition tables, installation media, and configuration templates to the operating system. See the output of the **hammer os --help** command for details.

Example 5.1. Updating Multiple Operating Systems

The following Bash script assigns each operating system a partition table (**Kickstart default**), configuration template (**Kickstart default PXELinux**), and provisioning template (**Satellite Kickstart Default**).

```
PARTID=$(hammer --csv partition-table list | grep "Kickstart default" |
cut -d, -f1)
PXEID=$(hammer --csv template list --per-page=1000 | grep "Kickstart
default PXELinux" | cut -d, -f1)
SATID=$(hammer --csv template list --per-page=1000 | grep "provision" |
grep "Satellite Kickstart Default" | cut -d, -f1)

for i in $(hammer --csv os list | grep -vi '^ID' | awk -F, {'print $1'})
do
    hammer partition-table add-operatingsystem --id="{PARTID}" --
operatingsystem-id="{i}"
    hammer template add-operatingsystem --id="{PXEID}" --
operatingsystem-id="{i}"
    hammer os set-default-template --id="{i}" --config-template-
id="{PXEID}"
    hammer os add-config-template --id="{i}" --config-template-
id="{SATID}"
    hammer os set-default-template --id="{i}" --config-template-
id="{SATID}"
done
```

You can add **grep** commands to the **for** statement to further specify the affected operating systems. To verify if the assignment was performed correctly, use the **hammer os info** command.

5.9. PARAMETERS

Parameters define the behavior of Red Hat Satellite during provisioning. There are several types of parameters, see [Parameters](#) in the *Puppet Guide* for details. Use the following example to set a global parameter:

```
$ hammer global-parameter set --name param_name --value param_value
```

Example 5.2. Setting a Global Parameter to Disable the Firewall

Run the following command to set the **firewall** global option to disabled:

```
$ hammer global-parameter set --name firewall --value --disabled
```

To verify the setting, issue the following command:

```
$ hammer global-parameter list
-----|-----
NAME    | VALUE
-----|-----
firewall| --disabled
-----|-----
```

Similarly, you can use **hammer** to set other parameter types:

- To set domain parameters, use:

```
$ hammer domain set-parameter \
--name param_name \
--value param_value \
--domain domain_name
```

- To set host group parameters, use:

```
$ hammer hostgroup set-parameter \
--name param_name \
--value param_value \
--hostgroup hg_name
```

- To set host parameters, use:

```
$ hammer host set-parameter \
--name param_name \
--value param_value \
--host h_name
```

- To update smart class parameters, use:

```
$ hammer sc-param \
--name param_name \
--default-value param_value
```

CHAPTER 6. MANAGING HOSTS

Host refers to any physical or virtual system Red Hat Satellite manages. This section shows how to create and configure hosts and host groups using **hammer**. For web UI equivalents of the following procedures see [Managing Hosts](#).

6.1. CREATING A HOST GROUP

A host group is a collection of hosts or host groups. It is recommended to create host groups to hold shared host parameters. Members of the host group inherit these parameters, therefore you do not have to set them individually during host creation. Note that you can nest host groups in a hierarchical manner.

The following command demonstrates a basic set of options for creating a host group:

```
$ hammer hostgroup create \
--name "hostgroup_name" \
--environment "environment_name" \
--architecture "architecture_name" \
--domain domain_name \
--subnet subnet_name \
--puppet-proxy proxy_name \
--puppet-ca-proxy ca-proxy_name \
--operatingsystem "os_name" \
--partition-table "table_name" \
--medium "medium_name" \
--organization-ids org_ID1,org_ID2... \
--location-ids loc_ID1,loc_ID2...
```

See **hammer hostgroup create --help** for the full list of configurable options. There are two settings that cannot be configured during host group creation:

- An activation key has to be added afterwards using:

```
$ hammer hostgroup set-parameter \
--hostgroup "hostgroup_name" \
--name "kt_activation_keys" \
--value key_name
```

Run **hammer activation-key list** to find the activation key name (see [Chapter 4, Managing Activation Keys](#) for details on activation keys).

- The **root** password has to be specified when adding a host to the host group.

Example 6.1. Creating Host Groups for Multiple Content Views

The following Bash script creates a host group for each life cycle environment.

```
MAJOR="7"
OS=$(hammer --output csv os list | awk -F "," "/RedHat ${MAJOR}/ {print\n$2;exit}")
ARCH="x86_64"
ORG="ACME"
LOCATIONS="london,munich"
```



```

PTABLE_NAME="ptable-acme-os-rhel-server"
DOMAIN="example.com"

hammer lifecycle-environment list --organization "${ORG}" | awk -F "|"
'/'[[[:digit:]]/ {print $2}' | sed s'/' //' | while read LC_ENV
do
    if [[ ${LC_ENV} == "Library" ]]; then
        continue
    fi

    LC_ENV_LOWER=$(echo ${LC_ENV} | tr '[:upper:]' '[:lower:]')
    ParentID=$(hammer --output csv hostgroup list --per-page 999 | awk -
F", " "(\${3} ~ /^${LC_ENV_LOWER}$/) {print \$1}")

    hammer hostgroup create --name "rhel-${MAJOR}server-${ARCH}" \
        --medium
"${ORG}/Library/Red_Hat_Server/Red_Hat_Enterprise_Linux_${MAJOR}_Server_
Kickstart_${ARCH}_${MAJOR}
Server" \
        --parent-id ${ParentID} \
        --architecture "${ARCH}" \
        --operatingsystem "${OS}" \
        --partition-table "${PTABLE_NAME}" \
        --subnet "${DOMAIN}" \
        --domain "${DOMAIN}" \
        --organizations "${ORG}" \
        --locations "${LOCATIONS}" \
        --content-view "cv-os-rhel-${MAJOR}Server" \
        --environment-id $(hammer --output csv environment list --per-page
999 | awk -F", " "/KT_${ORG}_${LC_ENV}_cv_os_rhel_${MAJOR}Server/
{print \$1}")

    HgID=$(hammer --output csv hostgroup list --per-page 999 | awk -F", " "
(\${3} ~ /^${LC_ENV_LOWER}\rhel-${MAJOR}server-${ARCH}$/) {print \$1}")

    hammer hostgroup set-parameter \
        --hostgroup-id "${HgID}" \
        --name "kt_activation_keys" \
        --value "act-${LC_ENV_LOWER}-os-rhel-${MAJOR}server-${ARCH}"
done

```

6.2. CREATING A HOST

It is recommended to set general parameters in a host group to reduce the number of required options when creating a host. The following command creates a basic host associated to a host group:

```

$ hammer host create \
--name "host_name" \
--hostgroup "hostgroup_name" \
--interface="primary=true, \
    provision=true, \
    mac=mac_address, \
    ip=ip_address" \

```

```
--organization-id org_ID \
--location-id loc_ID \
--ask-root-password yes
```

After executing the above command you will be prompted to specify the root password. It is required to specify the host's IP and MAC address, other properties of the primary network interface can be inherited from the host group or set using the **subnet**, and **domain** parameters. You can set additional interfaces using the **--interface** option, which accepts a list of key-value pairs. For the list of available interface settings, see [Table 6.1, “Available Keys for the --interface Option”](#).

If you decide to create a host without host group membership, specify additional options described in [Section 6.1, “Creating a Host Group”](#). There is a wide range of available host parameters, for details see the output of **hammer host create --help**. The value of certain parameters depends on the type of compute resource the host is provisioned on, see [Table 6.2, “Host Options Specific to Provider”](#) for reference.

Table 6.1. Available Keys for the --interface Option

Keys	Description
type	Defines the interface type, one of Nic::Managed , Nic::BMC , Nic::Bond .
name, identifier	Identification of the interface.
mac, ip, domain (or domain_id), subnet (or subnet_id)	Network settings, domain and subnet identification can be inherited from the host group.
primary, provision, managed, virtual	Accept true or false . Managed hosts needs to have one primary and provisioning interface.
Specific to virtual interfaces	
tag	VLAN tag, this attribute has precedence over the subnet VLAN ID.
attached_to	Identifier of the interface to which the virtual interface belongs, for example eth1 .
Specific to bonded interfaces	
mode	Bonding mode, one of balance-rr , active-backup , balance-xor , broadcast , 802.3ad , balance-tlb , balance-alb .
Specific to BMC interfaces	
provider	BMC provider, set to IPMI .
username, password	BMC access credentials.

Keys	Description
Specific to hosts provisioned on Libvirt	
compute_type	Interface type, one of bridge , network .
compute_network or compute_bridge	Specifies interface name, pick one depending on the interface type.
compute_model	One of virtio , rtl8139 , ne2k_pci , pcnet , e1000 .
Specific to hosts provisioned on RHEV	
compute_name	Interface name, for example eth0 .
compute_network	Select one of the available networks for a cluster, use UUID from RHEV.
Specific to hosts provisioned on VMware	
compute_type	Type of the network adapter, depends on your version of vSphere.
compute_network	Network ID form VMware.

Table 6.2. Host Options Specific to Provider

Provider	Keys
Keys for the --compute-attributes option	
EC2	flavor_id, image_id, availability_zone, security_group_ids, managed_ip
GCE	machine_type, image_id, network, external_ip
Libvirt	cpus, memory, start
OpenStack	flavor_ref, image_ref, tenant_id, security_groups, network
RHEV	cluster, template, cores, memory, start
VMware	cpus, corespersocket, memory_mb, cluster, path, guest_id, scsi_controller_type, hardware_version, start

Provider	Keys
Keys for the --volume option	
Libvirt	poll_name, capacity, format_type
RHEV	size_gb, storage_domain, bootable
VMware	datastore, name, size_gb, thin, eager_zero

Example 6.2. Creating a Host with a Bonded Interface Pair

The following example shows how to create a host with a bonded interface pair. For more information on interface bonding see [Configure Network Bonding](#) in the *Red Hat Enterprise Linux Networking Guide*.

```
$ hammer host create --name bondtest \
--hostgroup-id 1 \
--ip=192.168.100.123 \
--mac=52:54:00:14:92:2a \
--subnet-id=1 \
--managed true \
  --interface="identifier=eth1, \
    mac=52:54:00:62:43:06, \
    managed=true, \
    type=Nic::Managed, \
    domain_id=1, \
    subnet_id=1" \
  --interface="identifier=eth2, \
    mac=52:54:00:d3:87:8f, \
    managed=true, \
    type=Nic::Managed, \
    domain_id=1, \
    subnet_id=1" \
  --interface="identifier=bond0, \
    ip=172.25.18.123, \
    type=Nic::Bond, \
    mode=active-backup, \
    attached_devices=[eth1,eth2], \
    managed=true, \
    domain_id=1, \
    subnet_id=1" \
--organization-id 1 \
--location-id 1 \
--ask-root-password yes
```

6.3. CREATING A HOST COLLECTION

A host collection in Red Hat Satellite is a group of hosts. The following command shows the minimal set of options required to create a host collection:

-

```
$ hammer host-collection create \
--organization-label org_label \
--name hc_name
```

To add hosts to a host collection, issue the following command:

```
$ hammer host-collection add-host \
--id hc_ID \
--host-ids ch_ID1,ch_ID2...
```

Run the following command to associate a host collection with an activation key (see [Chapter 4, Managing Activation Keys](#) for details on activation keys):

```
$ hammer activation-key add-host-collection \
--id ak_ID \
--host-collection hc_name
```

Hosts grouped in the host collection now inherit the configuration from the activation key.

6.4. RUNNING REMOTE JOBS ON HOSTS

The remote execution feature enables defining arbitrary commands on the Satellite Server and executing them on remote hosts. Commands are defined in job templates that are similar to provisioning templates. Several job templates are included by default, you can use them or define a custom template for example to manipulate software packages or start a Puppet process on remote hosts. To use this feature in Hammer, install the remote execution CLI module by executing the following command as **root**:

```
# yum install tfm-rubygem-hammer_cli_foreman_remote_execution
```

To list job templates available, issue:

```
$ hammer job-template list
```

To create a job template using a template-definition file, use a command as follows:

```
$ hammer job-template create \
--file "template" \
--name "template_name" \
--provider-type SSH \
--job-category "category_name"
```

Replace *template* with the path to the file containing the template definition. Specify a custom *category_name* or select one of the existing categories (**Commands**, **Katello**, **Packages**, **Power**, **Puppet**, or **Services**). See the output of **hammer job-template create --help** for information on other available parameters.

To invoke a job with custom parameters, issue:

```
$ hammer job-invocation create \
--job-template "template_name" \
--inputs key1="value",key2="value",... \
--search-query "query"
```

Specify the template name you want to use for the remote job. Specify inputs as a comma separated list of key-value pairs. Run **hammer job-template info** to see what parameters are required by your template. Replace *query* with the filter expression defining which hosts will be affected (for example "name ~ rex01").

Example 6.3. Starting the httpd Service on Selected Hosts

This example shows how to execute a remote job based on the default **Service Action - SSH Default** template, that will start the **httpd** service on hosts that have a name that contains "target".

```
$ hammer job-invocation create \  
--job-template "Service Action - SSH Default" \  
--inputs service="httpd",action="start" \  
--search-query "name ~ target"
```

To find the ID of a job output, issue:

```
$ hammer job-invocation list
```

To monitor a job output, issue:

```
$ hammer job-invocation output \  
--id job_ID \  
--host host_name
```

To cancel a job output, issue:

```
$ hammer job-invocation cancel \  
--id job_ID
```

For more information on executing remote commands with hammer, issue **hammer job-template --help** or **hammer job-invocation --help**.

CHAPTER 7. MANAGING USERS AND PERMISSIONS

For the administrator, Red Hat Satellite provides the ability to create, modify, and remove users. Also, it is possible to configure access permissions through assigning roles to users. This section shows how to perform these tasks using **hammer**. For web UI equivalents of the following procedures see [Managing Users and Roles](#) in *Administering Red Hat Satellite*.

7.1. CREATING USERS

User in Red Hat Satellite defines a set of details for individuals using the system. To configure a user in Red Hat Satellite, **hammer** provides the **user create** and **user update** commands. Create a new user with the following command:

```
$ hammer user create \
  --login user_name \
  --password user_password \
  --mail user_mail \
  --auth-source-id 1 \
  --organization-ids org_ID1,org_ID2...
```

The **--auth-source-id 1** setting means that the user is authenticated internally, you can specify an external authentication source as an alternative. Add the **--admin** option to grant administrator privileges to the user. Specifying organization IDs is not required, you can modify the user details later using the **update** subcommand.

For more information on user related subcommands see the output of **hammer user --help**.

7.2. CREATING USER GROUPS

You can manage permissions of several users at once by organizing them into user groups. User groups themselves can be further grouped to create a hierarchy of permissions. Use the following command to create a new user group:

```
$ hammer user-group create --name usergroup_name
```

To add a user to a user group, issue the following command:

```
$ hammer user-group add-user --user user_name --id usergroup_id
```

Find the user group ID by executing **hammer user-group list**. Similarly, you can add user groups using the **add-user-group** subcommand. For more information on operations related to user groups see the output of **hammer user-group --help**.

7.3. CREATING ROLES

Roles in Red Hat Satellite define a set of permissions and access levels. Satellite provides a number of predefined roles, to view them, enter the following command:

```
$ hammer role list
```

To view permissions associated with a role, issue the following command:

■

```
$ hammer role filters --id role_id
```

Here, *role_id* is the ID of the role from the output of **hammer role list**.

To create a custom role, issue the following command:

```
$ hammer role create --name role_name
```

Add a permission filter to the role with the following command:

```
$ hammer filter create \  
--role role_name \  
--permission-ids perm_ID1,perm_ID2...
```

Find the permissions to be added to the role by using **hammer filter available-permissions**. For details on roles and permissions see the output of **hammer role --help** and **hammer filter --help**.

Example 7.1. Granular Permission Filtering

Red Hat Satellite provides the ability to limit the configured user permissions to selected instances of a resource type. Use the **--search** option to limit permission filters, for example:

```
$ hammer filter create \  
--permission-ids 91 \  
--search "name ~ ccv*" \  
--role qa-user
```

The above command adds to the **qa-user** role a permission to view, create, edit, and destroy Content Views that only applies to Content Views with name starting with **ccv**. See [Granular Permission Filtering](#) in *Administering Red Hat Satellite* for more information.

7.4. ASSIGNING ROLES TO USERS

To assign a role to a user, issue the following command:

```
$ hammer user add-role --id user_id --role role_name
```

Similarly, you can assign a role to a user group:

```
$ hammer user-group add-role --id usergroup_id --role role_name
```

7.5. ADDING SSH KEYS TO A USER

The following steps show how to add public SSH keys to an existing user using the **hammer**. To create SSH keys or for more information, see [Generating Key Pairs](#) in the *Red Hat Enterprise Linux 7 System Administrator's Guide*.

For web UI equivalents of the following procedures see [Adding SSH keys to a User](#) in *Administering Red Hat Satellite*.

Prerequisite

You need either the path to the public SSH key file, or the content of the public SSH key copied to the clipboard.

If you have the public SSH key file:

```
$ hammer user ssh-keys add --user-id user_id --name key_name --key-file
~/.ssh/id_rsa.pub
```

If you have the content of the public SSH key:

```
$ hammer user ssh-keys add --user-id user_id --name key_name --key ecdsa-
sha2-nistp256
AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAAIbmlzdHAyNTYAAABBBHHS2KmNyIYa27Qaa7EHp+
2l99ucGStx4P77e03ZvE3yVRJEFikpoP3MJtYYfIe8k 1/46MTIZo9CPTX4CYUHeN8=
host@user
```

7.6. DELETING SSH KEYS FROM A USER

To delete an SSH key from a user:

```
$ hammer user ssh-keys delete --id key_id --user-id user_id
```

7.7. VIEWING SSH KEYS OF A USER

To view an SSH key attached to a user:

```
$ hammer user ssh-keys info --id key_id --user-id user_id
```

To list SSH keys attached to a user:

```
$ hammer user ssh-keys list --user-id user_id
```

CHAPTER 8. MANAGING ERRATA

Software packages in Red Hat products are subject to updates, referred to as errata, that are released at regular intervals as well as asynchronously. This section shows how to inspect and apply errata using **hammer**. For web UI equivalents of the following procedures see [Managing Errata](#) in the *Content Management Guide*.

8.1. INSPECTING AVAILABLE ERRATA

To view errata that are available for all organizations, issue the following command:

```
$ hammer erratum list
```

Example 8.1. Filtering Errata

The **hammer erratum list** command provides numerous options for filtering and ordering the output list. For example, to find an erratum that contains a specific security fix, issue:

```
$ hammer erratum list --cve CVE-2014-0453
```

The following command displays applicable errata for the selected product that contain the specified bugs ordered so that the security errata are displayed on top:

```
$ hammer erratum list \  
--product-id 7 \  
--search "bug = 1213000 or bug = 1207972" \  
--errata-restrict-applicable 1 \  
--order "type desc"
```

For more information on syntax used in the **--search** option, see [Inspecting Available Errata](#) in the *Content Management Guide*. For more information on filtering options implemented in hammer, see the output of **hammer erratum list --help**.

To view details of a specific erratum, issue the following command:

```
$ hammer erratum info --id erratum_ID
```

Replace *erratum_ID* with a unique identifier of the erratum found in the output of the **hammer erratum list** command. You can identify errata also by name and repository name, see the output of **hammer erratum info --help** for details.

8.2. APPLYING ERRATA TO A HOST

To list errata available for a host, issue the following command:

```
$ hammer host errata list --host hostname
```

To apply selected errata to the host, issue the following command:

```
$ hammer host errata apply \  
--host hostname \  

```

```
--errata-ids erratum_ID1,erratum_ID2...
```

Example 8.2. Applying All Available Errata to a Host

The following Bash script applies all errata available to a host (auth01.example.com):

```
HOST="auth01.example.com"
for i in $(hammer --csv host errata list --host $HOST | grep -vi '^ID' |
awk -F, {'print $2'})
do
    hammer host errata apply --host $HOST --errata-ids $i
done
```

Example 8.3. Applying a Security Advisory

This example shows how to apply a security fix to hosts using **hammer**:

1. Find the erratum that contains a fix for a selected issue (CVE-2015-3238):

```
$ hammer erratum list --cve CVE-2015-3238
-----|-----|-----|-----
ID      | ERRATA ID      | TYPE      | TITLE
-----|-----|-----|-----
f30e66  | RHSA-2015:1640 | security  | Moderate: pam security update
-----|-----|-----|-----
```

2. Verify if the security erratum (RHSA-2015:1640) is applicable for your host (auth01.example.com):

```
$ hammer host errata list \
--host auth01.example.com \
--search "RHSA-2015:1640"
```

3. Apply the erratum to the host:

```
$ hammer host errata apply \
--host auth01.example.com \
--errata-ids "RHSA-2015:1640"
```

You can use the following Bash script to apply a security erratum (for example RHSA-2015:1640) to all hosts where it is applicable:

```
ORG="ACME"
RHSA="RHSA-2015:1640"

for i in $(hammer --csv host list --organization $ORG | grep -vi '^ID' |
awk -F, {'print $2'})
```

```
do
    hammer host errata apply --host $i --errata-ids $RHSA
done
```

To see if errata were applied successfully, find the corresponding task in the output of the following command:

```
$ hammer task list
```

To review the state of a selected task, issue the following command:

```
$ hammer task progress --id task_ID
```

8.3. APPLYING ERRATA TO A HOST COLLECTION

To apply selected errata to a Host Collection, enter a command as follows:

```
$ hammer host-collection erratum install \
--errata "erratum_ID1,erratum_ID2,..." \
--name "my-collection" --organization $ORG
```

This command is available in Red Hat Satellite 6.2.8 or later.

CHAPTER 9. MANAGING DOCKER CONTAINERS

A Docker container is a sandbox for isolating applications. The container image stores the configuration for the container. This section shows how to use **hammer** to provision Docker containers. For web UI equivalents of the following procedures see [Managing Containers](#) in *Managing Hosts*.

In Red Hat Satellite, you can deploy containers only on a compute resource of the Docker provider type. See [Preparing Container Hosts](#) in *Managing Hosts* for instructions on how to prepare a container host. To register this host as a compute resource, issue the following command:

```
$ hammer compute-resource create
--name cr_name \
--organization-ids org_ID1,org_ID2... \
--location-ids loc_ID1,loc_ID2... \
--url cr_url \
--provider docker
```

Use the following syntax to provision a container on the compute resource:

```
$ hammer docker container create \
--name container_name \
--compute-resource-id cr_ID \
--repository-name repo_name \
--tag tag \
--command command
```

Find the compute resource ID in the output of **hammer compute-resource list**. Replace *repo_name* with the name of the synchronized repository that contains your docker images. This can be a custom repository pointing to Docker Hub or your internal registry (see [Section 2.3.4, “Creating a Custom Repository”](#)), or the official Red Hat image repository. If you provision from a Content View, replace *repo_name* with the name of the Content View. See [Section 3.2.3, “Adding Docker Images to a Content View”](#) for details on adding images to a Content View.

By starting a container you start the process specified with the **--command** option during the container creation. To start a container, issue the following command:

```
$ hammer docker container start --id container_ID
```

For the full list of container related options, see the output of the **hammer docker container --help** command.

CHAPTER 10. REFERENCE

This chapter provides a list of Hammer usage statements. These usage statements were current to the versions of Hammer and its components released for Satellite 6.4.

10.1. HAMMER ACTIVATION-KEY

Manipulate activation keys.

```
Usage:
    hammer activation-key [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND                subcommand
    [ARG] ...                 subcommand arguments

Subcommands:
    add-host-collection       Associate a resource
    add-subscription          Add subscription
    content-override          Override product content defaults
    copy                      Copy an activation key
    create                    Create an activation key
    delete                    Destroy an activation key
    host-collections          List associated host collections
    info                      Show an activation key
    list                      List activation keys
    product-content           List associated products
    remove-host-collection    Disassociate a resource
    remove-subscription       Remove subscription
    subscriptions             List associated subscriptions
    update                    Update an activation key

Options:
    -h, --help                print help
```

10.1.1. hammer activation-key add-host-collection

Associate a resource

```
Usage:
    hammer activation-key add-host-collection [OPTIONS]

Options:
    --host-collection HOST_COLLECTION_NAME  Host collection name to search by
    --host-collection-id HOST_COLLECTION_ID  Id of the host collection
    --id ID                                ID of the activation key
    --name NAME                             Activation key name to search by
    --organization ORGANIZATION_NAME        Organization name to search by
    --organization-id ORGANIZATION_ID       organization ID
    --organization-label ORGANIZATION_LABEL Organization label to search by
    -h, --help                             print help
```

10.1.2. hammer activation-key add-subscription

Add subscription

Usage:

```
hammer activation-key add-subscription [OPTIONS]
```

Options:

```
--id ID                ID of the activation key
--name NAME            Activation key name to search by
--organization ORGANIZATION_NAME  Organization name to search by
--organization-id ORGANIZATION_ID  organization ID
--organization-label ORGANIZATION_LABEL  Organization label to search by
--quantity QUANTITY    Quantity of this subscription to
```

add

```
--subscription-id SUBSCRIPTION_ID  ID of subscription
-h, --help                          print help
```

10.1.3. hammer activation-key content-override

Override product content defaults

Usage:

```
hammer activation-key content-override [OPTIONS]
```

Options:

```
--content-label CONTENT_LABEL  Label of the content
--id ID                        ID of the activation key
--name NAME                    Activation key name to search by
--organization ORGANIZATION_NAME  Organization name to search by
--organization-id ORGANIZATION_ID  organization ID
--organization-label ORGANIZATION_LABEL  Organization label to search by
--override-name OVERRIDE_NAME  Override parameter key or name.
                                To enable or disable a repo
```

```
select 'enabled'.
```

Default value: enabled

Default: "enabled"

```
--remove
```

Remove a content override

```
--value VALUE
```

Override value. Note for repo

enablement you can use a boolean value

```
-h, --help
```

print help

10.1.4. hammer activation-key copy

Copy an activation key

Usage:

```
hammer activation-key copy [OPTIONS]
```

Options:

```
--id ID                ID of the activation key
--name NAME            Activation key name to search by
--new-name NEW_NAME    Name of new activation key
--organization ORGANIZATION_NAME  Organization name to search by
```

```
--organization-id ORGANIZATION_ID      organization ID
--organization-label ORGANIZATION_LABEL  Organization label to search by
-h, --help                             print help
```

10.1.5. hammer activation-key create

Create an activation key

```
Usage:
  hammer activation-key create [OPTIONS]

Options:
  --content-view CONTENT_VIEW_NAME      Content view name to
search by
  --content-view-id CONTENT_VIEW_ID      content view numeric
identifier
  --description DESCRIPTION              description
  --lifecycle-environment LIFECYCLE_ENVIRONMENT_NAME  Environment name
  --lifecycle-environment-id LIFECYCLE_ENVIRONMENT_ID
  --max-hosts MAX_HOSTS                 maximum number of
registered content hosts
  --name NAME                           name
  --organization ORGANIZATION_NAME       Organization name to
search by
  --organization-id ORGANIZATION_ID      organization ID
  --organization-label ORGANIZATION_LABEL  Organization label
to search by
  --unlimited-hosts                      Set hosts max to
unlimited
  -h, --help                             print help
```

10.1.6. hammer activation-key delete

Destroy an activation key

```
Usage:
  hammer activation-key delete [OPTIONS]

Options:
  --id ID                                ID of the activation key
  --name NAME                            Activation key name to search by
  --organization ORGANIZATION_NAME       Organization name to search by
  --organization-id ORGANIZATION_ID      organization ID
  --organization-label ORGANIZATION_LABEL  Organization label to search by
  -h, --help                             print help
```

10.1.7. hammer activation-key host-collections

List associated host collections

```
Usage:
  hammer activation-key host-collections [OPTIONS]
```



```
Options:
  --available-for AVAILABLE_FOR      Interpret specified object to
return only Host Collections that can be associated with specified
object. The value 'host' is supported.
  --full-result FULL_RESULT          Whether or not to show all
results
                                     One of true/false, yes/no, 1/0.
  --host-id HOST_ID                  Filter products by host id
  --id ID                             ID of activation key
  --name NAME                         Name of activation key
  --organization ORGANIZATION_NAME    Organization name to search by
  --organization-id ORGANIZATION_ID    organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
-h, --help                           print help
```

10.1.8. hammer activation-key info

Show an activation key

```
Usage:
  hammer activation-key info [OPTIONS]

Options:
  --id ID                          ID of the activation key
  --name NAME                       Activation key name to search by
  --organization ORGANIZATION_NAME  Organization name to search by
  --organization-id ORGANIZATION_ID  organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
-h, --help                           print help
```

10.1.9. hammer activation-key list

List activation keys

```
Usage:
  hammer activation-key list [OPTIONS]

Options:
  --by BY                            Field to sort the
results on
  --content-view CONTENT_VIEW_NAME    Content view name to
search by
  --content-view-id CONTENT_VIEW_ID    content view numeric
identifier
  --full-result FULL_RESULT            Whether or not to
show all results
                                     One of true/false,
yes/no, 1/0.
  --lifecycle-environment LIFECYCLE_ENVIRONMENT_NAME Environment name
  --lifecycle-environment-id LIFECYCLE_ENVIRONMENT_ID
  --name NAME                          activation key name
to filter by
  --order ORDER                        Sort field and
```

```

order, eg. 'name DESC'
  --organization ORGANIZATION_NAME      Organization name to
search by
  --organization-id ORGANIZATION_ID      organization ID
  --organization-label ORGANIZATION_LABEL Organization label
to search by
  --page PAGE                            Page number,
starting at 1
  --per-page PER_PAGE                    Number of results
per page to return
  --search SEARCH                        Search string
-h, --help                              print help

```

10.1.10. hammer activation-key product-content

List associated products

```

Usage:
  hammer activation-key product-content [OPTIONS]

Options:
  --content-access-mode-all CONTENT_ACCESS_MODE_ALL Get all content
available, not just that provided by subscriptions
                                                    One of true/false,
yes/no, 1/0.
  --content-access-mode-env CONTENT_ACCESS_MODE_ENV Limit content to just
that available in the activation key's content
                                                    view version
                                                    One of true/false,
yes/no, 1/0.
  --id ID                                    ID of the activation
key
  --name NAME                               Activation key name
to search by
  --organization ORGANIZATION_NAME          Organization name to
search by
  --organization-id ORGANIZATION_ID          organization ID
  --organization-label ORGANIZATION_LABEL    Organization label to
search by
-h, --help                                  print help

```

10.1.11. hammer activation-key remove-host-collection

Disassociate a resource

```

Usage:
  hammer activation-key remove-host-collection [OPTIONS]

Options:
  --host-collection HOST_COLLECTION_NAME Host collection name to search by
  --host-collection-id HOST_COLLECTION_ID Id of the host collection
  --id ID                                ID of the activation key
  --name NAME                            Activation key name to search by
  --organization ORGANIZATION_NAME        Organization name to search by

```

```
--organization-id ORGANIZATION_ID      organization ID
--organization-label ORGANIZATION_LABEL Organization label to search by
-h, --help                             print help
```

10.1.12. hammer activation-key remove-subscription

Remove subscription

```
Usage:
    hammer activation-key remove-subscription [OPTIONS]

Options:
  --id ID                      ID of the activation key
  --name NAME                  Activation key name to search by
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  --subscription-id SUBSCRIPTION_ID ID of subscription
  -h, --help                  print help
```

10.1.13. hammer activation-key subscriptions

List associated subscriptions

```
Usage:
    hammer activation-key subscriptions [OPTIONS]

Options:
  --activation-key ACTIVATION_KEY_NAME Activation key name to search by
  --activation-key-id ACTIVATION_KEY_ID ID of the activation key
  --available-for AVAILABLE_FOR         Object to show subscriptions
available for, either 'host' or
                                     'activation_key'
  --by BY                             Field to sort the results on
  --full-result FULL_RESULT            Whether or not to show all
results
                                     One of true/false, yes/no, 1/0.
                                     Host name
  --host HOST_NAME
  --host-id HOST_ID
  --id ACTIVATION_KEY_ID              ID of the activation key
  --match-host MATCH_HOST            Ignore subscriptions that are
unavailable to the specified host
                                     One of true/false, yes/no, 1/0.
                                     Return subscriptions that match
  --match-installed MATCH_INSTALLED installed products of the specified host
                                     One of true/false, yes/no, 1/0.
                                     Activation key name to search by
  --name ACTIVATION_KEY_NAME          Return subscriptions which do
  --no-overlap NO_OVERLAP             subscription
not overlap with a currently-attached
                                     One of true/false, yes/no, 1/0.
                                     Sort field and order, eg. 'name
  --order ORDER                      DESC'
  --organization ORGANIZATION_NAME    Organization name to search by
```

```

--organization-id ORGANIZATION_ID      organization ID
--organization-label ORGANIZATION_LABEL Organization label to search by
--page PAGE                             Page number, starting at 1
--per-page PER_PAGE                     Number of results per page to
return
--search SEARCH                         Search string
-h, --help                             print help

```

10.1.14. hammer activation-key update

Update an activation key

```

Usage:
    hammer activation-key update [OPTIONS]

Options:
  --auto-attach AUTO_ATTACH      auto attach
subscriptions upon registration
                                One of true/false,
yes/no, 1/0.
  --content-view CONTENT_VIEW_NAME Content view name to
search by
  --content-view-id CONTENT_VIEW_ID content view numeric
identifier
  --description DESCRIPTION      description
  --id ID                        ID of the
activation key
  --lifecycle-environment LIFECYCLE_ENVIRONMENT_NAME Environment name
  --lifecycle-environment-id LIFECYCLE_ENVIRONMENT_ID
  --max-hosts MAX_HOSTS          maximum number of
registered content hosts
  --name NAME                    Activation key name
to search by
  --new-name NEW_NAME            name
  --organization ORGANIZATION_NAME Organization name to
search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label
to search by
  --release-version RELEASE_VERSION content release
version
  --service-level SERVICE_LEVEL  service level
  --unlimited-hosts               set hosts max to
unlimited
  -h, --help                     print help

```

10.2. HAMMER ADMIN

Administrative server-side tasks

```

Usage:
    hammer admin [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:

```

SUBCOMMAND	subcommand
[ARG] ...	subcommand arguments
Subcommands:	
logging	Logging verbosity level setup
Options:	
-h, --help	print help

10.2.1. hammer admin logging

Logging verbosity level setup

Usage:	
hammer admin logging [OPTIONS]	
Options:	
--no-backup	Skip configuration backups creation.
--prefix PATH	Operate on prefixed environment (e.g. chroot).
-a, --all	Apply to all components.
-c, --components COMPONENTS	Components to apply, use --list to get them.
	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
-d, --level-debug	Increase verbosity level to debug.
-h, --help	print help
-l, --list	List available components.
-n, --dry-run	Do not apply specified changes.
-p, --level-production	Decrease verbosity level to standard.

10.3. HAMMER ARCHITECTURE

Manipulate architectures.

Usage:	
hammer architecture [OPTIONS] SUBCOMMAND [ARG] ...	
Parameters:	
SUBCOMMAND	subcommand
[ARG] ...	subcommand arguments
Subcommands:	
add-operatingsystem	Associate an operating system
create	Create an architecture
delete	Delete an architecture
info	Show an architecture
list	List all architectures
remove-operatingsystem	Disassociate an operating system
update	Update an architecture
Options:	
-h, --help	print help

10.3.1. hammer architecture add-operatingsystem

Associate an operating system

```
Usage:
    hammer architecture add-operatingsystem [OPTIONS]

Options:
  --id ID                                Architecture name
  --name NAME                            Operating system title
  --operatingsystem OPERATINGSYSTEM_TITLE
  --operatingsystem-id OPERATINGSYSTEM_ID
  -h, --help                            print help
```

10.3.2. hammer architecture create

Create an architecture

```
Usage:
    hammer architecture create [OPTIONS]

Options:
  --name NAME
  --operatingsystem-ids OPERATINGSYSTEM_IDS Operating system IDs
                                           Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --operatingsystems OPERATINGSYSTEM_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  -h, --help                            print help
```

10.3.3. hammer architecture delete

Delete an architecture

```
Usage:
    hammer architecture delete [OPTIONS]

Options:
  --id ID                                Architecture name
  --name NAME                            print help
  -h, --help
```

10.3.4. hammer architecture info

Show an architecture

```
Usage:
    hammer architecture info [OPTIONS]

Options:
  --id ID                                Architecture name
  --name NAME                            print help
  -h, --help
```

10.3.5. hammer architecture list

List all architectures

```
Usage:
    hammer architecture list [OPTIONS]

Options:
  --operatingsystem OPERATINGSYSTEM_TITLE Operating system title
  --operatingsystem-id OPERATINGSYSTEM_ID
  --order ORDER                               sort results
  --page PAGE                                 paginate results
  --per-page PER_PAGE                         number of entries per request
  --search SEARCH                             filter results
  -h, --help                                 print help
```

10.3.6. hammer architecture remove-operatingsystem

Disassociate an operating system

```
Usage:
    hammer architecture remove-operatingsystem [OPTIONS]

Options:
  --id ID
  --name NAME                               Architecture name
  --operatingsystem OPERATINGSYSTEM_TITLE Operating system title
  --operatingsystem-id OPERATINGSYSTEM_ID
  -h, --help                               print help
```

10.3.7. hammer architecture update

Update an architecture

```
Usage:
    hammer architecture update [OPTIONS]

Options:
  --id ID
  --name NAME                               Architecture name
  --new-name NEW_NAME
  --operatingsystem-ids OPERATINGSYSTEM_IDS Operating system IDs
                                              Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --operatingsystems OPERATINGSYSTEM_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  -h, --help                               print help
```

10.4. HAMMER ARF-REPORT

Manipulate compliance reports

```
Usage:
```

```
hammer arf-report [OPTIONS] SUBCOMMAND [ARG] ...
```

Parameters:

SUBCOMMAND	subcommand
[ARG] ...	subcommand arguments

Subcommands:

delete	Delete an ARF Report
download	Download bziped ARF report
download-html	Download ARF report in HTML
info	Show an ARF report
list	List ARF reports

Options:

-h, --help	print help
------------	------------

10.4.1. hammer arf-report delete

Delete an ARF Report

Usage:

```
hammer arf-report delete [OPTIONS]
```

Options:

--id ID	
-h, --help	print help

10.4.2. hammer arf-report download

Download bziped ARF report

Usage:

```
hammer arf-report download [OPTIONS]
```

Options:

--id ID	
--path PATH	Path to directory where downloaded file
will be saved	
-h, --help	print help

10.4.3. hammer arf-report download-html

Download ARF report in HTML

Usage:

```
hammer arf-report download-html [OPTIONS]
```

Options:

--id ID	
--path PATH	Path to directory where downloaded file
will be saved	
-h, --help	print help

10.4.4. hammer arf-report info

Show an ARF report

```
Usage:
    hammer arf-report info [OPTIONS]

Options:
    --id ID                print help
    -h, --help
```

10.4.5. hammer arf-report list

List ARF reports

```
Usage:
    hammer arf-report list [OPTIONS]

Options:
    --order ORDER          sort results
    --page PAGE            paginate results
    --per-page PER_PAGE    number of entries per request
    --search SEARCH        filter results
    -h, --help            print help
```

10.5. HAMMER AUTH

Foreman connection login/logout.

```
Usage:
    hammer auth [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND            subcommand
    [ARG] ...            subcommand arguments

Subcommands:
    login                Set credentials
    logout               Wipe your credentials
    status               Information about current connections

Options:
    -h, --help          print help
```

10.5.1. hammer auth login

Set credentials

```
Usage:
    hammer auth login [OPTIONS]

Options:
```

```
-h, --help                print help
-p, --password PASSWORD   password to access the remote system
-u, --username USERNAME   username to access the remote system
```

10.5.2. hammer auth logout

Wipe your credentials

```
Usage:
  hammer auth logout [OPTIONS]

Options:
  -h, --help                print help
```

10.5.3. hammer auth status

Information about current connections

```
Usage:
  hammer auth status [OPTIONS]

Options:
  -h, --help                print help
```

10.6. HAMMER AUTH-SOURCE

Manipulate auth sources.

```
Usage:
  hammer auth-source [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND                subcommand
  [ARG] ...                 subcommand arguments

Subcommands:
  ldap                      Manage LDAP auth sources.

Options:
  -h, --help                print help
```

10.6.1. hammer auth-source ldap

Manage LDAP auth sources.

```
Usage:
  hammer auth-source ldap [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND                subcommand
  [ARG] ...                 subcommand arguments
```

```

Subcommands:
  create          Create an LDAP authentication source
  delete          Delete an LDAP authentication source
  info            Show an LDAP authentication source
  list            List all LDAP authentication sources
  update          Update an LDAP authentication source

Options:
  -h, --help      print help

```

10.6.1.1. hammer auth-source ldap create

Create an LDAP authentication source

```

Usage:
  hammer auth-source ldap create [OPTIONS]

Options:
  --account ACCOUNT                required if onthefly_register
  --account-password ACCOUNT_PASSWORD required if onthefly_register
is true
  --attr-firstname ATTR_FIRSTNAME  required if onthefly_register
is true
  --attr-lastname ATTR_LASTNAME    required if onthefly_register
is true
  --attr-login ATTR_LOGIN          required if onthefly_register
is true
  --attr-mail ATTR_MAIL            required if onthefly_register
is true
  --attr-photo ATTR_PHOTO
  --base-dn BASE_DN
  --groups-base GROUPS_BASE        groups base DN
  --host HOST
  --ldap-filter LDAP_FILTER        LDAP filter
  --location-ids LOCATION_IDS      REPLACE locations with given
ids
                                   Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --location-titles LOCATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --locations LOCATION_NAMES       Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --name NAME
  --onthefly-register ONTHEFLY_REGISTER One of true/false, yes/no, 1/0.
  --organization-ids ORGANIZATION_IDS REPLACE organizations with
given ids.
                                   Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --organization-titles ORGANIZATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --organizations ORGANIZATION_NAMES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --port PORT                      defaults to 389
  --server-type SERVER_TYPE        type of the LDAP server
                                   Possible value(s):

```

```

'free_ipa', 'active_directory', 'posix'
--tls TLS                                One of true/false, yes/no,
1/0.
--use-netgroups USE_NETGROUPS            use NIS netgroups instead of
posix groups, applicable only when server_type
is posix or free_ipa
One of true/false, yes/no,
1/0.
--usergroup-sync USERGROUP_SYNC         sync external user groups on
login
One of true/false, yes/no,
1/0.
-h, --help                               print help

```

10.6.1.2. hammer auth-source ldap delete

Delete an LDAP authentication source

```

Usage:
    hammer auth-source ldap delete [OPTIONS]

Options:
  --id ID                                Name to search by
  --name NAME                             print help
  -h, --help

```

10.6.1.3. hammer auth-source ldap info

Show an LDAP authentication source

```

Usage:
    hammer auth-source ldap info [OPTIONS]

Options:
  --id ID                                Name to search by
  --name NAME                             print help
  -h, --help

```

10.6.1.4. hammer auth-source ldap list

List all LDAP authentication sources

```

Usage:
    hammer auth-source ldap list [OPTIONS]

Options:
  --location LOCATION_NAME              Location name
  --location-id LOCATION_ID             organization ID
  --location-title LOCATION_TITLE       Location title
  --order ORDER                         sort results
  --organization ORGANIZATION_NAME      Organization name
  --organization-id ORGANIZATION_ID     organization ID
  --organization-title ORGANIZATION_TITLE Organization title
  --page PAGE                           paginate results

```

<code>--per-page PER_PAGE</code>	number of entries per request
<code>--search SEARCH</code>	filter results
<code>-h, --help</code>	print help

10.6.1.5. hammer auth-source ldap update

Update an LDAP authentication source

Usage:

```
hammer auth-source ldap update [OPTIONS]
```

Options:

<code>--account ACCOUNT</code>	
<code>--account-password ACCOUNT_PASSWORD</code>	required if onthefly_register
<code>is true</code>	
<code>--attr-firstname ATTR_FIRSTNAME</code>	required if onthefly_register
<code>is true</code>	
<code>--attr-lastname ATTR_LASTNAME</code>	required if onthefly_register
<code>is true</code>	
<code>--attr-login ATTR_LOGIN</code>	required if onthefly_register
<code>is true</code>	
<code>--attr-mail ATTR_MAIL</code>	required if onthefly_register
<code>is true</code>	
<code>--attr-photo ATTR_PHOTO</code>	
<code>--base-dn BASE_DN</code>	
<code>--groups-base GROUPS_BASE</code>	groups base DN
<code>--host HOST</code>	
<code>--id ID</code>	
<code>--ldap-filter LDAP_FILTER</code>	LDAP filter
<code>--location-ids LOCATION_IDS</code>	REPLACE locations with given
<code>ids</code>	
	Comma separated list of
values. Values containing comma should be	quoted or escaped with backslash
<code>--location-titles LOCATION_TITLES</code>	Comma separated list of values.
Values containing comma should be quoted or escaped with backslash	
<code>--locations LOCATION_NAMES</code>	Comma separated list of
values. Values containing comma should be quoted or escaped with backslash	
<code>--name NAME</code>	Name to search by
<code>--new-name NEW_NAME</code>	
<code>--onthefly-register ONTHEFLY_REGISTER</code>	One of true/false, yes/no, 1/0.
<code>--organization-ids ORGANIZATION_IDS</code>	REPLACE organizations with
<code>given ids.</code>	
	Comma separated list of
values. Values containing comma should be quoted or escaped with backslash	
<code>--organization-titles ORGANIZATION_TITLES</code>	Comma separated list of values.
Values containing comma should be quoted or escaped with backslash	
<code>--organizations ORGANIZATION_NAMES</code>	Comma separated list of values.
Values containing comma should be quoted or escaped with backslash	
<code>--port PORT</code>	defaults to 389
<code>--server-type SERVER_TYPE</code>	type of the LDAP server
	Possible value(s):
<code>'free_ipa', 'active_directory', 'posix'</code>	
<code>--tls TLS</code>	One of true/false, yes/no,
<code>1/0.</code>	
<code>--use-netgroups USE_NETGROUPS</code>	use NIS netgroups instead of

```

posix groups, applicable only when server_type
                                is posix or free_ipa
                                One of true/false, yes/no,
1/0.
--usergroup-sync USERGROUP_SYNC sync external user groups on
login
                                One of true/false, yes/no,
1/0.
-h, --help                       print help

```

10.7. HAMMER BOOTDISK

Download boot disks

```

Usage:
    hammer bootdisk [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND                subcommand
    [ARG] ...                 subcommand arguments

Subcommands:
    generic                   Download generic image
    host                     Download host image
    subnet                   Download subnet generic image

Options:
    -h, --help               print help

```

10.7.1. hammer bootdisk generic

Download generic image

```

Usage:
    hammer bootdisk generic [OPTIONS]

Options:
    --file PATH               File or device to write image to
    --force                  Force writing to existing destination
(device etc.)
    --sudo                   Use sudo to write to device
    -h, --help               print help

```

10.7.2. hammer bootdisk host

Download host image

```

Usage:
    hammer bootdisk host [OPTIONS]

Options:
    --file PATH               File or device to write image to
    --force                  Force writing to existing destination

```

```

(device etc.)
--full FULL          True for full, false for basic reusable
image               One of true/false, yes/no, 1/0.
--host HOST_NAME     Host name
--host-id HOST_ID
--sudo              Use sudo to write to device
-h, --help          print help

```

10.7.3. hammer bootdisk subnet

Download subnet generic image

```

Usage:
    hammer bootdisk subnet [OPTIONS]

Options:
--file PATH          File or device to write image to
--force             Force writing to existing destination
(device etc.)
--subnet SUBNET_NAME Subnet name
--subnet-id SUBNET_ID
--sudo              Use sudo to write to device
-h, --help          print help

```

10.8. HAMMER CAPSULE

Manipulate capsule

```

Usage:
    hammer capsule [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
SUBCOMMAND          subcommand
[ARG] ...           subcommand arguments

Subcommands:
content            Manage the capsule content
create            Create a capsule
delete            Delete a capsule
import-classes     Import puppet classes from puppet Capsule.
info              Show a capsule
list              List all capsules
refresh-features   Refresh capsule features
update            Update a capsule

Options:
-h, --help        print help

```

10.8.1. hammer capsule content

Manage the capsule content

Usage:

```
hammer capsule content [OPTIONS] SUBCOMMAND [ARG] ...
```

Parameters:

```
SUBCOMMAND          subcommand
[ARG] ...           subcommand arguments
```

Subcommands:

```
add-lifecycle-environment    Add lifecycle environments to the
capsule
available-lifecycle-environments List the lifecycle environments not
attached to the capsule
cancel-synchronization      Cancel running capsule synchronization.
info                        Get current capsule synchronization
status
lifecycle-environments      List the lifecycle environments attached
to the capsule
remove-lifecycle-environment Remove lifecycle environments from the
capsule
synchronization-status      Get current capsule synchronization
status
synchronize                 Synchronize the content to the capsule
```

Options:

```
-h, --help            print help
```

10.8.1.1. hammer capsule content add-lifecycle-environment

Add lifecycle environments to the capsule

Usage:

```
hammer capsule content add-lifecycle-environment [OPTIONS]
```

Options:

```
--environment ENVIRONMENT_NAME Environment name
--environment-id ENVIRONMENT_ID
--id ID                    Id of the capsule
--name NAME                Name to search by
--organization NAME        Organization name
--organization-id ID       Organization ID
-h, --help                print help
```

10.8.1.2. hammer capsule content available-lifecycle-environments

List the lifecycle environments not attached to the capsule

Usage:

```
hammer capsule content available-lifecycle-environments [OPTIONS]
```

Options:

```
--id ID                    Id of the capsule
--name NAME                Name to search by
--organization ORGANIZATION_NAME Organization name to search by
```



```
--organization-id ORGANIZATION_ID      organization ID
--organization-label ORGANIZATION_LABEL Organization label to search by
-h, --help                             print help
```

10.8.1.3. hammer capsule content cancel-synchronization

Cancel running capsule synchronization.

```
Usage:
  hammer capsule content cancel-synchronization [OPTIONS]
```

```
Options:
  --id ID                Id of the capsule
  --name NAME            Name to search by
  -h, --help             print help
```

10.8.1.4. hammer capsule content info

Get current capsule synchronization status

```
Usage:
  hammer capsule content info [OPTIONS]
```

```
Options:
  --id ID                Id of the capsule
  --name NAME            Name to search by
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  -h, --help             print help
```

10.8.1.5. hammer capsule content lifecycle-environments

List the lifecycle environments attached to the capsule

```
Usage:
  hammer capsule content lifecycle-environments [OPTIONS]
```

```
Options:
  --id ID                Id of the capsule
  --name NAME            Name to search by
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  -h, --help             print help
```

10.8.1.6. hammer capsule content remove-lifecycle-environment

Remove lifecycle environments from the capsule

```
Usage:
  hammer capsule content remove-lifecycle-environment [OPTIONS]
```

```
Options:
  --environment ENVIRONMENT_NAME  Environment name
  --environment-id ENVIRONMENT_ID
  --id ID                          Id of the capsule
  --name NAME                      Name to search by
  --organization NAME              Organization name
  --organization-id ID             Organization ID
  -h, --help                       print help
```

10.8.1.7. hammer capsule content synchronization-status

Get current capsule synchronization status

```
Usage:
  hammer capsule content synchronization-status [OPTIONS]

Options:
  --id ID                      Id of the capsule
  --name NAME                  Name to search by
  --organization ORGANIZATION_NAME  Organization name to search by
  --organization-id ORGANIZATION_ID  organization ID
  --organization-label ORGANIZATION_LABEL  Organization label to search by
  -h, --help                   print help
```

10.8.1.8. hammer capsule content synchronize

Synchronize the content to the capsule

```
Usage:
  hammer capsule content synchronize [OPTIONS]

Options:
  --async                      Do not wait for the task
  --environment ENVIRONMENT_NAME  Environment name
  --environment-id ENVIRONMENT_ID
  --id ID                      Id of the capsule
  --name NAME                  Name to search by
  --organization NAME          Organization name
  --organization-id ID         Organization ID
  --skip-metadata-check SKIP_METADATA_CHECK  Skip metadata check on each repository on the capsule
  1/0.
  -h, --help                   One of true/false, yes/no, print help
```

10.8.2. hammer capsule create

Create a capsule

```
Usage:
  hammer capsule create [OPTIONS]

Options:
  --download-policy DOWNLOAD_POLICY  Download Policy of the capsule,
```

```

must be one of immediate, on_demand,
                                background, inherit
--location-ids LOCATION_IDS    REPLACE locations with given
ids
                                Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--location-titles LOCATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--locations LOCATION_NAMES     Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--name NAME
--organization-ids ORGANIZATION_IDS REPLACE organizations with
given ids.
                                Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--url URL
-h, --help                      print help

```

10.8.3. hammer capsule delete

Delete a capsule

```

Usage:
    hammer capsule delete [OPTIONS]

Options:
  --id ID                      Name to search by
  --name NAME                  print help
  -h, --help

```

10.8.4. hammer capsule import-classes

Import puppet classes from puppet Capsule.

```

Usage:
    hammer capsule import-classes [OPTIONS]

Options:
  --dryrun                    Do not run the import
  --environment ENVIRONMENT_NAME Environment name
  --environment-id ENVIRONMENT_ID Optional comma-delimited string
containing either 'new',
                                'updated', or 'obsolete' that is used
to limit the imported
                                Puppet classes
  --id ID
  --name NAME                  Name to search by
  -h, --help                  print help

```

10.8.5. hammer capsule info

Show a capsule

```
Usage:
  hammer capsule info [OPTIONS]

Options:
  --id ID                               Name to search by
  --name NAME                           print help
  -h, --help
```

10.8.6. hammer capsule list

List all capsules

```
Usage:
  hammer capsule list [OPTIONS]

Options:
  --location LOCATION_NAME           Location name
  --location-id LOCATION_ID
  --location-title LOCATION_TITLE    Location title
  --order ORDER                      sort results
  --organization ORGANIZATION_NAME   Organization name
  --organization-id ORGANIZATION_ID  organization ID
  --organization-title ORGANIZATION_TITLE Organization title
  --page PAGE                        paginate results
  --per-page PER_PAGE                number of entries per request
  --search SEARCH                    filter results
  -h, --help                        print help
```

10.8.7. hammer capsule refresh-features

Refresh capsule features

```
Usage:
  hammer capsule refresh-features [OPTIONS]

Options:
  --id ID                               Name to search by
  --name NAME                           print help
  -h, --help
```

10.8.8. hammer capsule update

Update a capsule

```
Usage:
  hammer capsule update [OPTIONS]

Options:
  --download-policy DOWNLOAD_POLICY  Download Policy of the capsule,
```

```

must be one of immediate, on_demand,
                                background, inherit
--id ID
--location-ids LOCATION_IDS    REPLACE locations with given
ids                             Comma separated list of
                                values. Values containing comma should be quoted or escaped with backslash
--location-titles LOCATION_TITLES Comma separated list of values.
                                Values containing comma should be quoted or escaped with backslash
--locations LOCATION_NAMES     Comma separated list of
                                values. Values containing comma should be quoted or escaped with backslash
--name NAME                    Name to search by
--new-name NEW_NAME
--organization-ids ORGANIZATION_IDS REPLACE organizations with
given ids.                     Comma separated list of
                                values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
                                Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES Comma separated list of values.
                                Values containing comma should be quoted or escaped with backslash
--url URL
-h, --help                     print help

```

10.9. HAMMER COMPUTE-RESOURCE

Manipulate compute resources.

```

Usage:
    hammer compute-resource [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND                subcommand
    [ARG] ...                 subcommand arguments

Subcommands:
    create                    Create a compute resource
    delete                   Delete a compute resource
    image                     View and manage compute resource's images
    info                     Show a compute resource
    list                     List all compute resources
    networks                 Show available networks
    update                   Update a compute resource

Options:
    -h, --help               print help

```

10.9.1. hammer compute-resource create

Create a compute resource

```

Usage:
    hammer compute-resource create [OPTIONS]

```

```

Options:
  --caching-enabled CACHING_ENABLED          enable caching, for VMware
only                                          One of true/false, yes/no,
1/0.
  --datacenter DATACENTER                  for RHEV, VMware Datacenter
  --description DESCRIPTION
  --display-type DISPLAY_TYPE               for Libvirt only
                                             Possible value(s): 'VNC',
'SPICE'
  --domain DOMAIN                          for RHEL OpenStack Platform
only
  --location-ids LOCATION_IDS               REPLACE locations with given
ids                                          Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --location-titles LOCATION_TITLES         Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --locations LOCATION_NAMES               Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --name NAME
  --organization-ids ORGANIZATION_IDS       REPLACE organizations with
given ids.                                Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --organization-titles ORGANIZATION_TITLES Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --organizations ORGANIZATION_NAMES       Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --password PASSWORD                      Password for RHEV, EC2,
VMware, OpenStack. Secret key for EC2
  --provider PROVIDER                     Providers include Libvirt,
Ovirt, EC2, VMware, Openstack, Rackspace, GCE,
                                             Docker
  --region REGION                          for EC2 only
  --server SERVER                          for VMware
  --set-console-password SET_CONSOLE_PASSWORD for Libvirt and VMware only
                                             One of true/false, yes/no,
1/0.
  --tenant TENANT                          for RHEL OpenStack Platform
only
  --url URL                                URL for Docker, Libvirt,
RHEV, OpenStack and Rackspace
  --user USER                              Username for RHEV, EC2,
VMware, OpenStack. Access Key for EC2.
  --uuid UUID                              Deprecated, please use
datacenter
  -h, --help                               print help

```

10.9.2. hammer compute-resource delete

Delete a compute resource

```

Usage:
  hammer compute-resource delete [OPTIONS]

```

```
Options:
  --id ID
  --name NAME          Compute resource name
  -h, --help           print help
```

10.9.3. hammer compute-resource image

View and manage compute resource's images

```
Usage:
  hammer compute-resource image [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:
  available           Show images available for addition
  create              Create an image
  delete              Delete an image
  info                Show an image
  list                List all images for a compute resource
  update              Update an image

Options:
  -h, --help          print help
```

10.9.3.1. hammer compute-resource image available

Show images available for addition

```
Usage:
  hammer compute-resource image available [OPTIONS]

Options:
  --compute-resource NAME
  --compute-resource-id ID
  --id ID
  --name NAME          Compute resource name
  -h, --help           print help
```

10.9.3.2. hammer compute-resource image create

Create an image

```
Usage:
  hammer compute-resource image create [OPTIONS]

Options:
  --architecture ARCHITECTURE_NAME      Architecture name
  --architecture-id ARCHITECTURE_ID
  --compute-resource COMPUTE_RESOURCE_NAME Compute resource name
  --compute-resource-id COMPUTE_RESOURCE_ID
```

```
--name NAME
--operatingsystem OPERATINGSYSTEM_TITLE      Operating system title
--operatingsystem-id OPERATINGSYSTEM_ID
--password PASSWORD
--user-data USER_DATA                        Whether or not the image
supports user data                           One of true/false, yes/no,
1/0.
--username USERNAME
--uuid UUID
-h, --help                                  print help
```

10.9.3.3. hammer compute-resource image delete

Delete an image

```
Usage:
    hammer compute-resource image delete [OPTIONS]

Options:
--compute-resource COMPUTE_RESOURCE_NAME  Compute resource name
--compute-resource-id COMPUTE_RESOURCE_ID
--id ID
--name NAME                               Name to search by
-h, --help                                print help
```

10.9.3.4. hammer compute-resource image info

Show an image

```
Usage:
    hammer compute-resource image info [OPTIONS]

Options:
--architecture ARCHITECTURE_NAME          Architecture name
--architecture-id ARCHITECTURE_ID
--compute-resource COMPUTE_RESOURCE_NAME  Compute resource name
--compute-resource-id COMPUTE_RESOURCE_ID
--id ID
--name NAME                               Name to search by
--operatingsystem OPERATINGSYSTEM_TITLE  Operating system title
--operatingsystem-id OPERATINGSYSTEM_ID
-h, --help                                print help
```

10.9.3.5. hammer compute-resource image list

List all images for a compute resource

```
Usage:
    hammer compute-resource image list [OPTIONS]

Options:
--architecture ARCHITECTURE_NAME          Architecture name
```



```

--architecture-id ARCHITECTURE_ID
--compute-resource COMPUTE_RESOURCE_NAME  Compute resource name
--compute-resource-id COMPUTE_RESOURCE_ID
--operatingsystem OPERATINGSYSTEM_TITLE  Operating system title
--operatingsystem-id OPERATINGSYSTEM_ID
--order ORDER                             sort results
--page PAGE                               paginate results
--per-page PER_PAGE                       number of entries per request
--search SEARCH                           filter results
-h, --help                                print help

```

10.9.3.6. hammer compute-resource image update

Update an image

```

Usage:
    hammer compute-resource image update [OPTIONS]

Options:
--architecture ARCHITECTURE_NAME      Architecture name
--architecture-id ARCHITECTURE_ID
--compute-resource COMPUTE_RESOURCE_NAME  Compute resource name
--compute-resource-id COMPUTE_RESOURCE_ID
--id ID
--name NAME                            Name to search by
--new-name NEW_NAME
--operatingsystem OPERATINGSYSTEM_TITLE  Operating system title
--operatingsystem-id OPERATINGSYSTEM_ID
--password PASSWORD
--user-data USER_DATA                 Whether or not the image
supports user data                     One of true/false, yes/no,
1/0.
--username USERNAME
--uuid UUID
-h, --help                            print help

```

10.9.4. hammer compute-resource info

Show a compute resource

```

Usage:
    hammer compute-resource info [OPTIONS]

Options:
--id ID                                Compute resource name
--name NAME
-h, --help                             print help

```

10.9.5. hammer compute-resource list

List all compute resources

Usage:

```
hammer compute-resource list [OPTIONS]
```

Options:

```
--location LOCATION_NAME      Location name
--location-id LOCATION_ID
--location-title LOCATION_TITLE Location title
--order ORDER                  sort results
--organization ORGANIZATION_NAME Organization name
--organization-id ORGANIZATION_ID organization ID
--organization-title ORGANIZATION_TITLE Organization title
--page PAGE                    paginate results
--per-page PER_PAGE            number of entries per request
--search SEARCH                filter results
-h, --help                     print help
```

10.9.6. hammer compute-resource networks

Show available networks

Usage:

```
hammer compute-resource networks [OPTIONS]
```

Options:

```
--cluster-id CLUSTER_ID
--id ID
--name NAME                Compute resource name
-h, --help                 print help
```

10.9.7. hammer compute-resource update

Update a compute resource

Usage:

```
hammer compute-resource update [OPTIONS]
```

Options:

```
--caching-enabled CACHING_ENABLED      enable caching, for VMware
only                                  One of true/false, yes/no,
1/0.
--datacenter DATACENTER                 for RHEV, VMware Datacenter
--description DESCRIPTION
--display-type DISPLAY_TYPE             for Libvirt only
Possible value(s): 'VNC',
'SPICE'
--domain DOMAIN                        for RHEL OpenStack Platform
only
--id ID
--location-ids LOCATION_IDS             REPLACE locations with given
ids
Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--location-titles LOCATION_TITLES      Comma separated list of
```

```

values. Values containing comma should be quoted or escaped with backslash
--locations LOCATION_NAMES          Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--name NAME                          Compute resource name
--new-name NEW_NAME
--organization-ids ORGANIZATION_IDS  REPLACE organizations with
given ids.

                                   Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES  Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES        Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--password PASSWORD                      Password for RHEV, EC2,
VMware, OpenStack. Secret key for EC2
--provider PROVIDER                     Providers include Libvirt,
Ovirt, EC2, Vmware, Openstack, Rackspace, GCE,
                                   Docker
--region REGION                         for EC2 only
--server SERVER                         for VMware
--set-console-password SET_CONSOLE_PASSWORD for Libvirt and VMware only
1/0. One of true/false, yes/no,
--tenant TENANT                        for RHEL OpenStack Platform
only
--url URL                              URL for Docker, Libvirt,
RHEV, OpenStack and Rackspace
--user USER                            Username for RHEV, EC2,
VMware, OpenStack. Access Key for EC2.
--uuid UUID                            Deprecated, please use
datacenter
-h, --help                             print help

```

10.10. HAMMER CONFIG-GROUP

Manipulate config groups.

```

Usage:
    hammer config-group [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND          subcommand
    [ARG] ...           subcommand arguments

Subcommands:
    create              Create a config group
    delete              Delete a config group
    info                Show a config group
    list                List of config groups
    update              Update a config group

Options:
    -h, --help          print help

```

10.10.1. hammer config-group create

Create a config group

```
Usage:
  hammer config-group create [OPTIONS]

Options:
  --name NAME
  --puppet-class-ids PUPPET_CLASS_IDS Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --puppet-classes PUPPET_CLASS_NAMES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  -h, --help                print help
```

10.10.2. hammer config-group delete

Delete a config group

```
Usage:
  hammer config-group delete [OPTIONS]

Options:
  --id ID
  --name NAME                Name to search by
  -h, --help                print help
```

10.10.3. hammer config-group info

Show a config group

```
Usage:
  hammer config-group info [OPTIONS]

Options:
  --id ID
  --name NAME                Name to search by
  -h, --help                print help
```

10.10.4. hammer config-group list

List of config groups

```
Usage:
  hammer config-group list [OPTIONS]

Options:
  --order ORDER              sort results
  --page PAGE                paginate results
  --per-page PER_PAGE       number of entries per request
  --search SEARCH            filter results
  -h, --help                print help
```

10.10.5. hammer config-group update

Update a config group

Usage:

```
hammer config-group update [OPTIONS]
```

Options:

```
--id ID
--name NAME                               Name to search by
--new-name NEW_NAME
--puppet-class-ids PUPPET_CLASS_IDS Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--puppet-classes PUPPET_CLASS_NAMES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
-h, --help                               print help
```

10.11. HAMMER CONTENT-VIEW

Manipulate content views.

Usage:

```
hammer content-view [OPTIONS] SUBCOMMAND [ARG] ...
```

Parameters:

```
SUBCOMMAND                               subcommand
[ARG] ...                                subcommand arguments
```

Subcommands:

```
add-repository                           Associate a resource
add-version                               Add a content view version to a composite
view
component                                View and manage components
copy                                     Copy a content view
create                                   Create a content view
delete                                   Delete a content view
filter                                   View and manage filters
info                                     Show a content view
list                                     List content views
publish                                   Publish a content view
puppet-module                             View and manage puppet modules
purge                                     Delete old versions of a content view
remove                                    Remove versions and/or environments from a
content view and reassign systems and keys
remove-from-environment                   Remove a content view from an environment
remove-repository                         Disassociate a resource
remove-version                             Remove a content view version from a
composite view
update                                    Update a content view
version                                   View and manage content view versions
```

Options:

```
-h, --help                               print help
```

10.11.1. hammer content-view add-repository

Associate a resource

Usage:

```
hammer content-view add-repository [OPTIONS]
```

Options:

<code>--id ID</code>	content view numeric identifier
<code>--name NAME</code>	Content view name to search by
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	Organization ID to search by
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>--product PRODUCT_NAME</code>	Product name to search by
<code>--product-id PRODUCT_ID</code>	product numeric identifier
<code>--repository REPOSITORY_NAME</code>	Repository name to search by
<code>--repository-id REPOSITORY_ID</code>	repository ID
<code>-h, --help</code>	print help

10.11.2. hammer content-view add-version

Add a content view version to a composite view

Usage:

```
hammer content-view add-version [OPTIONS]
```

Options:

<code>--content-view CONTENT_VIEW_NAME</code>	Content view name to search by
<code>--content-view-id CONTENT_VIEW_ID</code>	content view numeric identifier
<code>--content-view-version CONTENT_VIEW_VERSION_VERSION</code>	Content view version number
<code>--content-view-version-id CONTENT_VIEW_VERSION_ID</code>	Content view version identifier
<code>--id ID</code>	content view numeric identifier
<code>--name NAME</code>	Content view name to search by
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	Organization ID to search by
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>-h, --help</code>	print help

10.11.3. hammer content-view component

View and manage components

Usage:

```
hammer content-view component [OPTIONS] SUBCOMMAND [ARG] ...
```

```

Parameters:
  SUBCOMMAND                subcommand
  [ARG] ...                 subcommand arguments

Subcommands:
  add                       Add components to the content view
  list                     List components attached to this content
view
  remove                   Remove components from the content view
  update                   Update a component associated with the
content view

Options:
  -h, --help               print help

```

10.11.3.1. hammer content-view component add

Add components to the content view

```

Usage:
  hammer content-view component add [OPTIONS]

Options:
  --component-content-view COMPONENT_CONTENT_VIEW_NAME
Content View name of the component who's latest version is desired
  --component-content-view-id COMPONENT_CONTENT_VIEW_ID
Content View identifier of the component who's latest version is desired
  --component-content-view-version COMPONENT_CONTENT_VIEW_VERSION
Content View Version number of the component. Either use this or --
component-content-view-version-id option
  --component-content-view-version-id COMPONENT_CONTENT_VIEW_VERSION_ID
Content View Version identifier of the component
  --composite-content-view COMPOSITE_CONTENT_VIEW_NAME
Name of the composite content view
  --composite-content-view-id COMPOSITE_CONTENT_VIEW_ID
composite content view identifier
  --latest
Select the latest version of the components content view is desired
  --organization ORGANIZATION_NAME
Organization name to search by
  --organization-id ORGANIZATION_ID
Organization ID to search by
  --organization-label ORGANIZATION_LABEL
Organization label to search by
  -h, --help
print help

```

10.11.3.2. hammer content-view component list

List components attached to this content view

```

Usage:
  hammer content-view component list [OPTIONS]

Options:

```

```

--composite-content-view COMPOSITE_CONTENT_VIEW_NAME  Name of the
composite content view
--composite-content-view-id COMPOSITE_CONTENT_VIEW_ID  composite content
view identifier
--organization ORGANIZATION_NAME                      Organization name
to search by
--organization-id ORGANIZATION_ID                     Organization ID to
search by
--organization-label ORGANIZATION_LABEL               Organization label
to search by
-h, --help                                           print help

```

10.11.3.3. hammer content-view component remove

Remove components from the content view

```

Usage:
    hammer content-view component remove [OPTIONS]

Options:
  --component-content-view-ids COMPONENT_CONTENT_VIEW_IDS  Array of
component content view identifiers to remove. Comma separated list of
values
  --component-content-views COMPONENT_CONTENT_VIEW_NAMES  Array of
component content view names to remove. Comma separated list of values
  --component-ids COMPONENT_IDS                           Array of content
view component IDs to remove. Identifier of the component
                                                         association
                                                         Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
  --composite-content-view COMPOSITE_CONTENT_VIEW_NAME  Name of the
composite content view
  --composite-content-view-id COMPOSITE_CONTENT_VIEW_ID  composite content
view identifier
  --organization ORGANIZATION_NAME                      Organization
name to search by
  --organization-id ORGANIZATION_ID                     Organization ID
to search by
  --organization-label ORGANIZATION_LABEL               Organization
label to search by
-h, --help                                           print help

```

10.11.3.4. hammer content-view component update

Update a component associated with the content view

```

Usage:
    hammer content-view component update [OPTIONS]

Options:
  --component-content-view COMPONENT_CONTENT_VIEW_NAME  Content View name of the component who's latest version is desired
  --component-content-view-id COMPONENT_CONTENT_VIEW_ID

```



```

Content View identifier of the component who's latest version is desired
  --component-content-view-version COMPONENT_CONTENT_VIEW_VERSION_VERSION
Content View Version number of the component. Either use this or --
component-content-view-version-id option
  --component-content-view-version-id COMPONENT_CONTENT_VIEW_VERSION_ID
Content View Version identifier of the component
  --composite-content-view COMPOSITE_CONTENT_VIEW_NAME
Name of the composite content view
  --composite-content-view-id COMPOSITE_CONTENT_VIEW_ID
composite content view identifier
  --id ID
content view component ID. Identifier of the component association
  --latest
Select the latest version of the components content view is desired
  --organization ORGANIZATION_NAME
Organization name to search by
  --organization-id ORGANIZATION_ID
Organization ID to search by
  --organization-label ORGANIZATION_LABEL
Organization label to search by
  -h, --help
print help

```

10.11.4. hammer content-view copy

Copy a content view

```

Usage:
  hammer content-view copy [OPTIONS]

Options:
  --id ID                Content view numeric identifier
  --name NAME            Content view name to search by
  --new-name NEW_NAME    New content view name
  --organization ORGANIZATION_NAME  Organization name to search by
  --organization-id ORGANIZATION_ID  Organization ID to search by
  --organization-label ORGANIZATION_LABEL  Organization label to search by
  -h, --help            print help

```

10.11.5. hammer content-view create

Create a content view

```

Usage:
  hammer content-view create [OPTIONS]

Options:
  --component-ids COMPONENT_IDS    List of component content view
version ids for composite views
  --composite                     Comma separated list of values.
                                or escaped with backslash
  --description DESCRIPTION        Create a composite content view
                                Description for the content view
  --label LABEL                   Content view label

```

```

--name NAME                                Name of the content view
--organization ORGANIZATION_NAME          Organization name to search by
--organization-id ORGANIZATION_ID          organization ID
--organization-label ORGANIZATION_LABEL    Organization label to search by
--product PRODUCT_NAME                    Product name to search by
--product-id PRODUCT_ID                   product numeric identifier
--repositories REPOSITORY_NAMES            Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--repository-ids REPOSITORY_IDS            List of repository ids
                                           Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
-h, --help                                print help

```

10.11.6. hammer content-view delete

Delete a content view

```

Usage:
    hammer content-view delete [OPTIONS]

Options:
  --async                Do not wait for the task
  --id ID                content view numeric identifier
  --name NAME            Content view name to search by
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID Organization ID to search by
  --organization-label ORGANIZATION_LABEL Organization label to search by
  -h, --help            print help

```

10.11.7. hammer content-view filter

View and manage filters

```

Usage:
    hammer content-view filter [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND                subcommand
  [ARG] ...                 subcommand arguments

Subcommands:
  add-repository            Associate a resource
  create                    create a filter for a content view
  delete                    delete a filter
  info                      show filter info
  list                      list filters
  remove-repository         Disassociate a resource
  rule                      View and manage filter rules
  update                    update a filter

Options:
  -h, --help                print help

```

10.11.7.1. hammer content-view filter add-repository

Associate a resource

Usage:

```
hammer content-view filter add-repository [OPTIONS]
```

Options:

<code>--content-view CONTENT_VIEW_NAME</code>	Content view name to search by
<code>--content-view-id CONTENT_VIEW_ID</code>	content view numeric identifier
<code>--id ID</code>	filter identifier
<code>--name NAME</code>	Name to search by
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	Organization ID to search by
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>--product PRODUCT_NAME</code>	Product name to search by
<code>--product-id PRODUCT_ID</code>	product numeric identifier
<code>--repository REPOSITORY_NAME</code>	Repository name to search by
<code>--repository-id REPOSITORY_ID</code>	repository ID
<code>-h, --help</code>	print help

10.11.7.2. hammer content-view filter create

create a filter for a content view

Usage:

```
hammer content-view filter create [OPTIONS]
```

Options:

<code>--content-view CONTENT_VIEW_NAME</code>	Content view name to search by
<code>--content-view-id CONTENT_VIEW_ID</code>	content view numeric identifier
<code>--description DESCRIPTION</code>	description of the filter
<code>--inclusion INCLUSION</code>	specifies if content should be
included or excluded, default:	inclusion=false
	One of true/false, yes/no, 1/0.
<code>--name NAME</code>	name of the filter
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	Organization ID to search by
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>--original-packages ORIGINAL_PACKAGES</code>	add all packages without errata
to the included/excluded list. (package	filter only)
	One of true/false, yes/no, 1/0.
<code>--product PRODUCT_NAME</code>	Product name to search by
<code>--product-id PRODUCT_ID</code>	product numeric identifier
<code>--repositories REPOSITORY_NAMES</code>	Comma separated list of values.
Values containing comma should be quoted	or escaped with backslash
<code>--repository-ids REPOSITORY_IDS</code>	list of repository ids
	Comma separated list of values.
Values containing comma should be quoted	or escaped with backslash
<code>--type TYPE</code>	type of filter (e.g. rpm,
package_group, erratum, docker)	
<code>-h, --help</code>	print help

10.11.7.3. hammer content-view filter delete

delete a filter

Usage:

```
hammer content-view filter delete [OPTIONS]
```

Options:

<code>--content-view CONTENT_VIEW_NAME</code>	Content view name to search by
<code>--content-view-id CONTENT_VIEW_ID</code>	content view numeric identifier
<code>--id ID</code>	filter identifier
<code>--name NAME</code>	Name to search by
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	Organization ID to search by
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>-h, --help</code>	print help

10.11.7.4. hammer content-view filter info

show filter info

Usage:

```
hammer content-view filter info [OPTIONS]
```

Options:

<code>--content-view CONTENT_VIEW_NAME</code>	Content view name to search by
<code>--content-view-id CONTENT_VIEW_ID</code>	content view numeric identifier
<code>--id ID</code>	filter identifier
<code>--name NAME</code>	Name to search by
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	Organization ID to search by
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>-h, --help</code>	print help

10.11.7.5. hammer content-view filter list

list filters

Usage:

```
hammer content-view filter list [OPTIONS]
```

Options:

<code>--by BY</code>	Field to sort the results on
<code>--content-view CONTENT_VIEW_NAME</code>	Content view name to search by
<code>--content-view-id CONTENT_VIEW_ID</code>	content view numeric identifier
<code>--full-result FULL_RESULT</code>	Whether or not to show all results
<code>--name NAME</code>	One of true/false, yes/no, 1/0. filter content view filters by name
<code>--order ORDER</code>	Sort field and order, eg. 'name DESC'
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	Organization ID to search by

```

--organization-label ORGANIZATION_LABEL Organization label to search by
--page PAGE                               Page number, starting at 1
--per-page PER_PAGE                       Number of results per page to
return
--search SEARCH                           Search string
--types TYPES                             types of filters
                                           Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
-h, --help                               print help

```

10.11.7.6. hammer content-view filter remove-repository

Disassociate a resource

```

Usage:
    hammer content-view filter remove-repository [OPTIONS]

Options:
--content-view CONTENT_VIEW_NAME      Content view name to search by
--content-view-id CONTENT_VIEW_ID    content view numeric identifier
--id ID                               filter identifier
--name NAME                           Name to search by
--organization ORGANIZATION_NAME     Organization name to search by
--organization-id ORGANIZATION_ID    Organization ID to search by
--organization-label ORGANIZATION_LABEL Organization label to search by
--product PRODUCT_NAME               Product name to search by
--product-id PRODUCT_ID              product numeric identifier
--repository REPOSITORY_NAME         Repository name to search by
--repository-id REPOSITORY_ID        repository ID
-h, --help                           print help

```

10.11.7.7. hammer content-view filter rule

View and manage filter rules

```

Usage:
    hammer content-view filter rule [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
SUBCOMMAND                subcommand
[ARG] ...                 subcommand arguments

Subcommands:
create                    Create a filter rule. The parameters
included should be based upon the filter type.
delete                   Delete a filter rule
info                     Show filter rule info
list                     List filter rules
update                   Update a filter rule. The parameters
included should be based upon the filter type.

Options:
-h, --help               print help

```

```
# ===== hammer content-view filter rule create
```

Create a filter rule. The parameters included should be based upon the filter type.

Usage:

```
hammer content-view filter rule create [OPTIONS]
```

Options:

```
--architecture ARCHITECTURE           package: architecture
--content-view CONTENT_VIEW_NAME       Content view name to
search by
--content-view-filter CONTENT_VIEW_FILTER_NAME Name to search by
--content-view-filter-id CONTENT_VIEW_FILTER_ID filter identifier
--content-view-id CONTENT_VIEW_ID      content view numeric
identifier
--date-type DATE_TYPE                  erratum: search using
the 'Issued On' or 'Updated On'        column of the errata.
Values are 'issued'/'updated'
--end-date END_DATE                    erratum: end date (YYYY-
MM-DD)
--errata-id ERRATA_ID                  erratum: id
--errata-ids ERRATA_IDS                 erratum: IDs or a select
all object                             Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--max-version MAX_VERSION              package: maximum version
--min-version MIN_VERSION              package: minimum version
--name NAME                            package, package group,
or docker tag names                  Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--names NAMES                          Package and package
group names
--organization ORGANIZATION_NAME       Organization name to
search by
--organization-id ORGANIZATION_ID      Organization ID to
search by
--organization-label ORGANIZATION_LABEL Organization label to
search by
--start-date START_DATE                erratum: start date
(YYYY-MM-DD)
--types TYPES                          erratum: types
(enhancement, bugfix, security)      Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--uuid UUID                            package group: uuid
--version VERSION                      package: version
-h, --help                            print help
```

```
# ===== hammer content-view filter rule delete
```

Delete a filter rule

Usage:

```
hammer content-view filter rule delete [OPTIONS]
```

Options:

```
--content-view CONTENT_VIEW_NAME          Content view name to
search by
--content-view-filter CONTENT_VIEW_FILTER_NAME  Name to search by
--content-view-filter-id CONTENT_VIEW_FILTER_ID  filter identifier
--content-view-id CONTENT_VIEW_ID              content view numeric
identifier
--id ID                                         rule identifier
--name NAME                                    Name to search by
--organization ORGANIZATION_NAME              Organization name to
search by
--organization-id ORGANIZATION_ID              Organization ID to
search by
--organization-label ORGANIZATION_LABEL        Organization label to
search by
-h, --help                                     print help
```

```
# ===== hammer content-view filter rule info
```

```
Show filter rule info
```

Usage:

```
hammer content-view filter rule info [OPTIONS]
```

Options:

```
--content-view CONTENT_VIEW_NAME          Content view name to
search by
--content-view-filter CONTENT_VIEW_FILTER_NAME  Name to search by
--content-view-filter-id CONTENT_VIEW_FILTER_ID  filter identifier
--content-view-id CONTENT_VIEW_ID              content view numeric
identifier
--id ID                                         rule identifier
--name NAME                                    Name to search by
--organization ORGANIZATION_NAME              Organization name to
search by
--organization-id ORGANIZATION_ID              Organization ID to
search by
--organization-label ORGANIZATION_LABEL        Organization label to
search by
-h, --help                                     print help
```

```
# ===== hammer content-view filter rule list
```

```
List filter rules
```

Usage:

```
hammer content-view filter rule list [OPTIONS]
```

Options:

```
--by BY                                         Field to sort the
results on
--content-view CONTENT_VIEW_NAME              Content view name to
```

```

search by
  --content-view-filter CONTENT_VIEW_FILTER_NAME Name to search by
  --content-view-filter-id CONTENT_VIEW_FILTER_ID filter identifier
  --content-view-id CONTENT_VIEW_ID content view numeric
identifier
  --full-result FULL_RESULT Whether or not to show
all results
                                One of true/false,
yes/no, 1/0.
  --order ORDER Sort field and order,
eg. 'name DESC'
  --organization ORGANIZATION_NAME Organization name to
search by
  --organization-id ORGANIZATION_ID Organization ID to
search by
  --organization-label ORGANIZATION_LABEL Organization label to
search by
  --page PAGE Page number, starting
at 1
  --per-page PER_PAGE Number of results per
page to return
  --search SEARCH Search string
-h, --help print help

```

===== hammer content-view filter rule update

Update a filter rule. The parameters included should be based upon the filter type.

```

Usage:
  hammer content-view filter rule update [OPTIONS]

Options:
  --architecture ARCHITECTURE package: architecture
  --content-view CONTENT_VIEW_NAME Content view name to
search by
  --content-view-filter CONTENT_VIEW_FILTER_NAME Name to search by
  --content-view-filter-id CONTENT_VIEW_FILTER_ID filter identifier
  --content-view-id CONTENT_VIEW_ID content view numeric
identifier
  --end-date END_DATE erratum: end date (YYYY-
MM-DD)
  --errata-id ERRATA_ID erratum: id
  --id ID rule identifier
  --max-version MAX_VERSION package: maximum version
  --min-version MIN_VERSION package: minimum version
  --name NAME Name to search by
  --new-name NEW_NAME package, package group,
or docker tag: name
  --organization ORGANIZATION_NAME Organization name to
search by
  --organization-id ORGANIZATION_ID Organization ID to
search by
  --organization-label ORGANIZATION_LABEL Organization label to
search by
  --start-date START_DATE erratum: start date
(YYYY-MM-DD)

```


<code>--types TYPES</code> (enhancement, bugfix, security)	erratum: types
	Comma separated list
of values. Values containing comma should be quoted or escaped with backslash	
<code>--version VERSION</code>	package: version
<code>-h, --help</code>	print help

10.11.7.8. hammer content-view filter update

update a filter

Usage:
hammer content-view filter update [OPTIONS]

Options:

<code>--content-view CONTENT_VIEW_NAME</code>	Content view name to search by
<code>--content-view-id CONTENT_VIEW_ID</code>	content view numeric identifier
<code>--id ID</code>	filter identifier
<code>--inclusion INCLUSION</code>	specifies if content should be
included or excluded, default:	
	inclusion=false
	One of true/false, yes/no, 1/0.
<code>--name NAME</code>	Name to search by
<code>--new-name NEW_NAME</code>	new name for the filter
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	Organization ID to search by
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>--original-packages ORIGINAL_PACKAGES</code>	add all packages without errata
to the included/excluded list. (package	
	filter only)
	One of true/false, yes/no, 1/0.
<code>--repositories REPOSITORY_NAMES</code>	Comma separated list of values.
Values containing comma should be quoted	or escaped with backslash
<code>--repository-ids REPOSITORY_IDS</code>	list of repository ids
	Comma separated list of values.
Values containing comma should be quoted	or escaped with backslash
<code>-h, --help</code>	print help

10.11.8. hammer content-view info

Show a content view

Usage:
hammer content-view info [OPTIONS]

Options:

<code>--id ID</code>	content view numeric identifier
<code>--name NAME</code>	Content view name to search by
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	Organization ID to search by
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>-h, --help</code>	print help

10.11.9. hammer content-view list

List content views

```
Usage:
  hammer content-view list [OPTIONS]

Options:
  --by BY                                Field to sort the
results on                               Filter only
  --composite COMPOSITE                 One of true/false,
composite content views                Whether or not to
yes/no, 1/0.                            One of true/false,
  --full-result FULL_RESULT             Whether or not to
show all results                        One of true/false,
yes/no, 1/0.
  --lifecycle-environment LIFECYCLE_ENVIRONMENT_NAME Environment name
  --lifecycle-environment-id LIFECYCLE_ENVIRONMENT_ID
  --name NAME                           Name of the content
view
  --noncomposite NONCOMPOSITE           Filter out composite
content views                           One of true/false,
yes/no, 1/0.                            Filter out default
  --nondefault NONDEFAULT               One of true/false,
content views                           Sort field and
yes/no, 1/0.                            Organization name to
  --order ORDER                         organization ID
order, eg. 'name DESC'                 Organization label
  --organization ORGANIZATION_NAME      Page number,
search by                               Number of results
  --organization-id ORGANIZATION_ID     Search string
  --organization-label ORGANIZATION_LABEL Do not include this
to search by                           Comma separated
  --page PAGE                            list of values. Values containing comma should be quoted or escaped with
starting at 1                           backslash
  --per-page PER_PAGE                    -h, --help                               print help
per page to return
```

10.11.10. hammer content-view publish

Publish a content view

```
Usage:
  hammer content-view publish [OPTIONS]
```

```
Options:
  --async                               Do
not wait for the task
  --description DESCRIPTION
Description for the new published content view version
  --force-yum-metadata-regeneration FORCE_YUM_METADATA_REGENERATION Force
yum metadata regeneration on the repositories in the content view
version
One
of true/false, yes/no, 1/0.
  --id ID
Content view identifier
  --name NAME
Content view name to search by
  --organization ORGANIZATION_NAME
Organization name to search by
  --organization-id ORGANIZATION_ID
Organization ID to search by
  --organization-label ORGANIZATION_LABEL
Organization label to search by
  -h, --help
print help
```

10.11.11. hammer content-view puppet-module

View and manage puppet modules

```
Usage:
  hammer content-view puppet-module [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:
  add                 Add a puppet module to the content view
  list               List content view puppet modules
  remove             Remove a puppet module from the content
view
Options:
  -h, --help         print help
```

10.11.11.1. hammer content-view puppet-module add

Add a puppet module to the content view

```
Usage:
  hammer content-view puppet-module add [OPTIONS]

Options:
  --author AUTHOR      Puppet module's author to search
```

```

by
  --content-view CONTENT_VIEW_NAME      Content view name to search by
  --content-view-id CONTENT_VIEW_ID      content view numeric identifier
  --id ID                                the id of the puppet module to
associate
  --name NAME                            Puppet module name to search by
  --organization ORGANIZATION_NAME        Organization name to search by
  --organization-id ORGANIZATION_ID        Organization ID to search by
  --organization-label ORGANIZATION_LABEL  Organization label to search by
  --uuid UUID                             Puppet module's UUID to search
by
  -h, --help                             print help

```

10.11.11.2. hammer content-view puppet-module list

List content view puppet modules

```

Usage:
  hammer content-view puppet-module list [OPTIONS]

Options:
  --author AUTHOR      author of the puppet module
  --by BY              Field to sort the results on
  --content-view CONTENT_VIEW_NAME      Content view name to search by
  --content-view-id CONTENT_VIEW_ID      content view numeric identifier
  --full-result FULL_RESULT              Whether or not to show all
results
  --name NAME          One of true/false, yes/no, 1/0.
                       name of the puppet module
  --order ORDER        Sort field and order, eg. 'name
DESC'
  --organization ORGANIZATION_NAME      Organization name to search by
  --organization-id ORGANIZATION_ID      Organization ID to search by
  --organization-label ORGANIZATION_LABEL  Organization label to search by
  --page PAGE           Page number, starting at 1
  --per-page PER_PAGE   Number of results per page to
return
  --search SEARCH       Search string
  --uuid UUID           the uuid of the puppet module to
associate
  -h, --help            print help

```

10.11.11.3. hammer content-view puppet-module remove

Remove a puppet module from the content view

```

Usage:
  hammer content-view puppet-module remove [OPTIONS]

Options:
  --author AUTHOR      Puppet module's author to search
by
  --content-view CONTENT_VIEW_NAME      Content view name to search by
  --content-view-id CONTENT_VIEW_ID      content view numeric identifier
  --id ID                                puppet module ID

```

```

--name NAME                Puppet module name to search by
--organization ORGANIZATION_NAME  Organization name to search by
--organization-id ORGANIZATION_ID  Organization ID to search by
--organization-label ORGANIZATION_LABEL  Organization label to search by
--uuid UUID                Puppet module's UUID to search
by
-h, --help                print help

```

10.11.12. hammer content-view purge

Delete old versions of a content view

```

Usage:
    hammer content-view purge [OPTIONS]

Options:
--async                Do not wait for the task
--count COUNT          count of unused versions to keep
                        Default: 3
--id ID                Content View numeric identifier
--name NAME            Content View name
--organization ORGANIZATION_NAME  Organization name to search by
--organization-id ORGANIZATION_ID  Organization ID to search by
--organization-label ORGANIZATION_LABEL  Organization label to search by
-h, --help            print help

```

10.11.13. hammer content-view remove

Remove versions and/or environments from a content view and reassign systems and keys

```

Usage:
    hammer content-view remove [OPTIONS]

Options:
--async                Do not wait for
the task
--content-view-version-ids VERSION_IDS  Comma separated
list of version ids to remove
--content-view-versions CONTENT_VIEW_VERSION_VERSIONS  Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--environment-ids ENVIRONMENT_IDS      Comma separated
list of environment ids to remove
--environments ENVIRONMENT_NAMES      Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--id ID                content view
numeric identifier
--key-content-view-id KEY_CONTENT_VIEW_ID  content view to
reassign orphaned activation keys to
--key-environment-id KEY_ENVIRONMENT_ID    environment to
reassign orphaned activation keys to
--name NAME            Content view name
to search by

```

```

--organization ORGANIZATION_NAME           Organization name
to search by
--organization-id ORGANIZATION_ID           Organization ID to
search by
--organization-label ORGANIZATION_LABEL     Organization label
to search by
--system-content-view-id SYSTEM_CONTENT_VIEW_ID content view to
reassign orphaned systems to
--system-environment-id SYSTEM_ENVIRONMENT_ID environment to
reassign orphaned systems to
-h, --help                                 print help

```

10.11.14. hammer content-view remove-from-environment

Remove a content view from an environment

```

Usage:
  hammer content-view remove-from-environment [OPTIONS]

Options:
  --async                Do not wait for the
task                    content view
  --id ID                content view
numeric identifier
  --lifecycle-environment LIFECYCLE_ENVIRONMENT_NAME Environment name
  --lifecycle-environment-id LIFECYCLE_ENVIRONMENT_ID
  --name NAME            Content view name
to search by
  --organization ORGANIZATION_NAME           Organization name to
search by
  --organization-id ORGANIZATION_ID           Organization ID to
search by
  --organization-label ORGANIZATION_LABEL     Organization label
to search by
  -h, --help                print help

```

10.11.15. hammer content-view remove-repository

Disassociate a resource

```

Usage:
  hammer content-view remove-repository [OPTIONS]

Options:
  --id ID                content view numeric identifier
  --name NAME            Content view name to search by
  --organization ORGANIZATION_NAME           Organization name to search by
  --organization-id ORGANIZATION_ID           Organization ID to search by
  --organization-label ORGANIZATION_LABEL     Organization label to search by
  --product PRODUCT_NAME Product name to search by
  --product-id PRODUCT_ID product numeric identifier
  --repository REPOSITORY_NAME Repository name to search by
  --repository-id REPOSITORY_ID repository ID
  -h, --help                print help

```

10.11.16. hammer content-view remove-version

Remove a content view version from a composite view

Usage:

```
hammer content-view remove-version [OPTIONS]
```

Options:

<code>--content-view CONTENT_VIEW_NAME</code>	Content view name to search by
<code>--content-view-id CONTENT_VIEW_ID</code>	content view numeric identifier
<code>--content-view-version CONTENT_VIEW_VERSION_VERSION</code>	Content view version number
<code>--content-view-version-id CONTENT_VIEW_VERSION_ID</code>	Content view version identifier
<code>--id ID</code>	content view numeric identifier
<code>--name NAME</code>	Content view name to search by
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	Organization ID to search by
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>-h, --help</code>	print help

10.11.17. hammer content-view update

Update a content view

Usage:

```
hammer content-view update [OPTIONS]
```

Options:

<code>--component-ids COMPONENT_IDS</code>	List of component content view version ids for composite views
<code>--description DESCRIPTION</code>	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--id ID</code>	Description for the content view
<code>--name NAME</code>	Content view identifier
<code>--new-name NEW_NAME</code>	Content view name to search by
<code>--organization ORGANIZATION_NAME</code>	New name for the content view
<code>--organization-id ORGANIZATION_ID</code>	Organization name to search by
<code>--organization-label ORGANIZATION_LABEL</code>	Organization ID to search by
<code>--repositories REPOSITORY_NAMES</code>	Organization label to search by
<code>--repository-ids REPOSITORY_IDS</code>	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>-h, --help</code>	List of repository ids
	Comma separated list of values.
	print help

10.11.18. hammer content-view version

View and manage content view versions

Usage:

```
hammer content-view version [OPTIONS] SUBCOMMAND [ARG] ...
```

Parameters:

SUBCOMMAND	subcommand
[ARG] ...	subcommand arguments

Subcommands:

delete	Remove content view version
export	Export a content view version
incremental-update	Perform an Incremental Update on one or
more Content View Versions	
info	Show content view version
list	List content view versions
promote	Promote a content view version
republish-repositories	Forces a republish of the version's
repositories' metadata.	

Options:

-h, --help	print help
------------	------------

10.11.18.1. hammer content-view version delete

Remove content view version

Usage:

```
hammer content-view version delete [OPTIONS]
```

Options:

--async	Do not wait for the task
--content-view CONTENT_VIEW_NAME	Content view name to search by
--content-view-id CONTENT_VIEW_ID	content view numeric identifier
--environment ENVIRONMENT_NAME	Environment name
--environment-id ENVIRONMENT_ID	
--id ID	Content view version identifier
--organization ORGANIZATION_NAME	Organization name to search by
--organization-id ORGANIZATION_ID	organization ID
--organization-label ORGANIZATION_LABEL	Organization label to search by
--version VERSION	Content view version number
-h, --help	print help

10.11.18.2. hammer content-view version export

Export a content view version

Usage:

```
hammer content-view version export [OPTIONS]
```

Options:

--async	Do not wait for the task
---------	--------------------------

<code>--content-view CONTENT_VIEW_NAME</code>	Content view name to search by
<code>--content-view-id CONTENT_VIEW_ID</code>	content view numeric identifier
<code>--environment ENVIRONMENT_NAME</code>	Environment name
<code>--environment-id ENVIRONMENT_ID</code>	
<code>--export-to-iso EXPORT_TO_ISO</code>	Export to ISO format
	One of true/false, yes/no, 1/0.
<code>--id ID</code>	Content view version identifier
<code>--iso-mb-size ISO_MB_SIZE</code>	maximum size of each ISO in MB
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	organization ID
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>--since SINCE</code>	Optional date of last export
(ex: 2010-01-01T12:00:00Z)	
<code>--version VERSION</code>	Content view version number
<code>-h, --help</code>	print help

10.11.18.3. hammer content-view version incremental-update

Perform an Incremental Update on one or more Content View Versions

Usage:

```
hammer content-view version incremental-update [OPTIONS]
```

Options:

<code>--async</code>	Do not wait for the task
<code>--content-view-version CONTENT_VIEW_VERSION_VERSION</code>	Content view version number
<code>--content-view-version-id CONTENT_VIEW_VERSION_ID</code>	Content view version identifier
<code>--description DESCRIPTION</code>	The description for the new generated Content View Versions
<code>--errata-ids ERRATA_IDS</code>	Errata ids or uuids to copy into the new versions.
	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--host-ids HOST_IDS</code>	IDs of hosts to update
	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--lifecycle-environment-ids ENVIRONMENT_IDS</code>	list of lifecycle environment IDs to update the content view version in
	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--lifecycle-environments ENVIRONMENTS</code>	list of lifecycle environment names to update the content view version in
	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--organization ORGANIZATION_NAME</code>	Organization name for resolving lifecycle environment names
<code>--organization-id ORGANIZATION_ID</code>	Organization id for

```

resolving lifecycle environment names
  --package-ids PACKAGE_IDS                Package ids or uuids
to copy into the new versions.
                                           Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --packages PACKAGE_NAMES                Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
  --propagate-all-composites PROPAGATE_ALL_COMPOSITES If true, will publish
a new composite version using any specified

content_view_version_id that has been promoted to a lifecycle environment.
                                           One of true/false,
yes/no, 1/0.
  --puppet-module-ids PUPPET_MODULE_IDS    Puppet Module ids or
uuids to copy into the new versions.
                                           Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --puppet-modules PUPPET_MODULE_NAMES    Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
  --resolve-dependencies RESOLVE_DEPENDENCIES If true, when adding
the specified errata or packages, any needed
                                           dependencies will
be copied as well.
                                           One of true/false,
yes/no, 1/0.
  --update-all-hosts UPDATE              Update all editable
and applicable hosts within the specified Content View and \

Lifecycle Environments
                                           One of true/false,
yes/no, 1/0.
  -h, --help                             print help

```

10.11.18.4. hammer content-view version info

Show content view version

```

Usage:
  hammer content-view version info [OPTIONS]

Options:
  --content-view CONTENT_VIEW_NAME    Content view name to search by
  --content-view-id CONTENT_VIEW_ID   content view numeric identifier
  --environment ENVIRONMENT_NAME      Environment name
  --environment-id ENVIRONMENT_ID
  --id ID                             Content view version identifier
  --organization ORGANIZATION_NAME    Organization name to search by
  --organization-id ORGANIZATION_ID   organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  --version VERSION                   Content view version number
  -h, --help                           print help

```

10.11.18.5. hammer content-view version list

List content view versions

Usage:

```
hammer content-view version list [OPTIONS]
```

Options:

<code>--by BY</code>	Field to sort the results
<code>on</code>	
<code>--composite-version-id COMPOSITE_VERSION_ID</code>	Filter versions that are components in the specified composite version
<code>--content-view CONTENT_VIEW_NAME</code>	Content view name to search
<code>by</code>	
<code>--content-view-id CONTENT_VIEW_ID</code>	content view numeric identifier
<code>--environment ENVIRONMENT_NAME</code>	Environment name
<code>--environment-id ENVIRONMENT_ID</code>	
<code>--full-result FULL_RESULT</code>	Whether or not to show all results
<code>1/0.</code>	One of true/false, yes/no,
<code>--order ORDER</code>	Sort field and order, eg.
<code>'name DESC'</code>	
<code>--organization ORGANIZATION_NAME</code>	Organization name to search
<code>by</code>	
<code>--organization-id ORGANIZATION_ID</code>	organization ID
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search
<code>by</code>	
<code>--page PAGE</code>	Page number, starting at 1
<code>--per-page PER_PAGE</code>	Number of results per page
<code>to return</code>	
<code>--puppet-module PUPPET_MODULE_NAME</code>	Name to search by
<code>--puppet-module-id PUPPET_MODULE_ID</code>	a puppet module identifier
<code>--search SEARCH</code>	Search string
<code>--version VERSION</code>	Filter versions by version
<code>number</code>	
<code>-h, --help</code>	print help

10.11.18.6. hammer content-view version promote

Promote a content view version

Usage:

```
hammer content-view version promote [OPTIONS]
```

Options:

<code>--async</code>	Do
<code>not wait for the task</code>	
<code>--content-view CONTENT_VIEW_NAME</code>	
<code>Content view name to search by</code>	
<code>--content-view-id CONTENT_VIEW_ID</code>	
<code>content view numeric identifier</code>	
<code>--description DESCRIPTION</code>	The
<code>description for the content view version promotion</code>	

```

--environment-ids ENVIRONMENT_IDS
Identifiers for Lifecycle Environment

Comma separated list of values. Values containing comma should be quoted
or escaped with backslash
--force
force content view promotion and bypass lifecycle environment restriction
--force-yum-metadata-regeneration FORCE_YUM_METADATA_REGENERATION Force
metadata regeneration on the repositories in the content view version
                                                                    One
of true/false, yes/no, 1/0.
--from-lifecycle-environment FROM_ENVIRONMENT_ID
Environment name from where to promote its version from (if version is
unknown)
--from-lifecycle-environment-id FROM_ENVIRONMENT_ID                Id of
the environment from where to promote its version from (if version is
unknown)
--id ID
Content view version identifier
--organization ORGANIZATION_NAME
Organization name to search by
--organization-id ORGANIZATION_ID
organization ID
--organization-label ORGANIZATION_LABEL
Organization label to search by
--to-lifecycle-environment TO_ENVIRONMENT                        Name
of the target environment
--to-lifecycle-environment-id TO_ENVIRONMENT_ID                  Id of
the target environment
--version VERSION
Content view version number
-h, --help
print help

```

10.11.18.7. hammer content-view version republish-repositories

Forces a republish of the version's repositories' metadata.

```

Usage:
    hammer content-view version republish-repositories [OPTIONS]

Options:
--async                Do not wait for the task
--content-view CONTENT_VIEW_NAME    Content view name to search by
--content-view-id CONTENT_VIEW_ID    content view numeric identifier
--id ID                Content view version identifier
--organization ORGANIZATION_NAME    Organization name to search by
--organization-id ORGANIZATION_ID    organization ID
--organization-label ORGANIZATION_LABEL    Organization label to search by
--version VERSION        Content view version number
-h, --help                print help

```

10.12. HAMMER CSV

import to or export from a running foreman server

Usage:

```
hammer csv [OPTIONS] SUBCOMMAND [ARG] ...
```

Parameters:

SUBCOMMAND	subcommand
[ARG] ...	subcommand arguments

Subcommands:

activation-keys	import or export activation keys
content-hosts	import or export content hosts
export	export into directory
import	import by directory
settings	import or export settings
subscriptions	import or export subscriptions

Options:

-h, --help	print help
------------	------------

10.12.1. hammer csv activation-keys

import or export activation keys

Usage:

```
hammer csv activation-keys [OPTIONS]
```

Options:

--continue-on-error	Continue processing even if individual resource error
--export	Export current data instead of importing CSV file (default to /dev/stdout with --export, otherwise required)
--file FILE_NAME	CSV file (default to /dev/stdout with --export, otherwise required)
--itemized-subscriptions	Export one subscription per row, only process update subscriptions on import
--organization ORGANIZATION	Only process organization matching this name
--search SEARCH	Only export search results
-h, --help	print help
-v, --verbose	be verbose

10.12.2. hammer csv content-hosts

import or export content hosts

Usage:

```
hammer csv content-hosts [OPTIONS]
```

Options:

--clear-subscriptions	When processing --itemized-subscriptions, clear existing subscriptions first
--columns COLUMN_NAMES	Comma separated list of column names to export
--continue-on-error	Continue processing even if individual

```

resource error
  --export                Export current data instead of importing
  --file FILE_NAME        CSV file (default to /dev/stdout with --
export, otherwise required)
  --itemized-subscriptions Export one subscription per row, only
process update subscriptions on import
  --organization ORGANIZATION Only process organization matching this
name
  --search SEARCH          Only export search results
  -h, --help               print help
  -v, --verbose             be verbose

```

Columns:

```

Name - Name of resource
Search - Search for matching names during import (overrides 'Name'
column)
Organization - Organization name
Environment - Lifecycle environment name
Content View - Content view name
Host Collections - Comma separated list of host collection names
Virtual - Is a virtual host, Yes or No
Guest of Host - Hypervisor host name for virtual hosts
OS - Operating system
Arch - Architecture
Sockets - Number of sockets
RAM - Quantity of RAM in bytes
Cores - Number of cores
SLA - Service Level Agreement value
Products - Comma separated list of products, each of the format "<sku>|
<name>"
Subscriptions - Comma separated list of subscriptions, each of the format
"<quantity>|<sku>|<name>|<contract>|<account>"
Subscription Name - Subscription name (only applicable for --itemized-
subscriptions)
Subscription Type - Subscription type (only applicable for --itemized-
subscriptions)
Subscription Quantity - Subscription quantity (only applicable for --
itemized-subscriptions)
Subscription SKU - Subscription SKU (only applicable for --itemized-
subscriptions)
Subscription Contract - Subscription contract number (only applicable for
--itemized-subscriptions)
Subscription Account - Subscription account number (only applicable for -
itemized-subscriptions)
Subscription Start - Subscription start date (only applicable for --
itemized-subscriptions)
Subscription End - Subscription end date (only applicable for --itemized-
subscriptions)

```

10.12.3. hammer csv export

export into directory

Usage:

```
hammer csv export [OPTIONS]
```

```
Options:
  --dir DIRECTORY          directory to export to
  --organization ORGANIZATION Only process organization matching this
name
  --settings FILE          csv file for settings
  -h, --help               print help
  -v, --verbose            be verbose
```

10.12.4. hammer csv import

import by directory

```
Usage:
  hammer csv import [OPTIONS]

Options:
  --dir DIRECTORY          directory to import from
  --organization ORGANIZATION Only process organization matching this
name
  --settings FILE          csv file for settings
  -h, --help               print help
  -v, --verbose            be verbose
```

10.12.5. hammer csv settings

import or export settings

```
Usage:
  hammer csv settings [OPTIONS]

Options:
  --continue-on-error      Continue processing even if individual
resource error
  --export                 Export current data instead of importing
  --file FILE_NAME         CSV file (default to /dev/stdout with --
export, otherwise required)
  --organization ORGANIZATION Only process organization matching this
name
  --search SEARCH          Only export search results
  -h, --help               print help
  -v, --verbose            be verbose
```

10.12.6. hammer csv subscriptions

import or export subscriptions

```
Usage:
  hammer csv subscriptions [OPTIONS]

Options:
  --continue-on-error      Continue processing even if individual
resource error
```

<code>--export</code>	Export current data instead of importing
<code>--file FILE_NAME</code>	CSV file (default to /dev/stdout with --
<code>export, otherwise required)</code>	
<code>--organization ORGANIZATION</code>	Only process organization matching this
<code>name</code>	
<code>--search SEARCH</code>	Only export search results
<code>-h, --help</code>	print help
<code>-v, --verbose</code>	be verbose

10.13. HAMMER DEFAULTS

Defaults management

```
Usage:
  hammer defaults [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:
  add                 Add a default parameter to config
  delete              Delete a default param
  list                List all the default parameters
  providers            List all the providers

Options:
  -h, --help          print help
```

10.13.1. hammer defaults add

Add a default parameter to config

```
Usage:
  hammer defaults add [OPTIONS]

Options:
  --param-name OPTION_NAME    The name of the default option (e.g.
  organization_id).
  --param-value OPTION_VALUE  The value for the default option
  --provider OPTION_PROVIDER  The name of the provider providing the
  value. For list available providers see `hammer defaults providers`.
  -h, --help                  print help
```

10.13.2. hammer defaults delete

Delete a default param

```
Usage:
  hammer defaults delete [OPTIONS]
```



```
Options:
  --param-name OPTION_NAME    The name of the default option
  -h, --help                  print help
```

10.13.3. hammer defaults list

List all the default parameters

```
Usage:
  hammer defaults list [OPTIONS]

Options:
  -h, --help                  print help
```

10.13.4. hammer defaults providers

List all the providers

```
Usage:
  hammer defaults providers [OPTIONS]

Options:
  -h, --help                  print help
```

10.14. HAMMER DISCOVERY

Manipulate discovered hosts.

```
Usage:
  hammer discovery [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND                subcommand
  [ARG] ...                  subcommand arguments

Subcommands:
  auto-provision             Auto provision a host
  delete                     Delete a discovered host
  facts                     List all fact values
  info                       Show a discovered host
  list                       List all discovered hosts
  provision                  Provision a discovered host
  reboot                     Reboot a host
  refresh-facts              Refresh the facts of a host

Options:
  -h, --help                  print help
```

10.14.1. hammer discovery auto-provision

Auto provision a host

```
Usage:
    hammer discovery auto-provision [OPTIONS]
```

```
Options:
  --id ID
  --name NAME           Name to search by
  -h, --help           print help
```

10.14.2. hammer discovery delete

Delete a discovered host

```
Usage:
    hammer discovery delete [OPTIONS]
```

```
Options:
  --id ID
  --name NAME           Name to search by
  -h, --help           print help
```

10.14.3. hammer discovery facts

List all fact values

```
Usage:
    hammer discovery facts [OPTIONS]
```

```
Options:
  --id ID
  --name NAME           Name to search by
  --order ORDER         sort results
  --page PAGE           paginate results
  --per-page PER_PAGE   number of entries per request
  --search SEARCH       filter results
  -h, --help           print help
```

10.14.4. hammer discovery info

Show a discovered host

```
Usage:
    hammer discovery info [OPTIONS]
```

```
Options:
  --id ID
  --name NAME           Name to search by
  -h, --help           print help
```

10.14.5. hammer discovery list

List all discovered hosts

Usage:

```
hammer discovery list [OPTIONS]
```

Options:

```
--order ORDER           sort results
--page PAGE             paginate results
--per-page PER_PAGE     number of entries per request
--search SEARCH         filter results
-h, --help              print help
```

10.14.6. hammer discovery provision

Provision a discovered host

Usage:

```
hammer discovery provision [OPTIONS]
```

Options:

```
--architecture ARCHITECTURE_NAME      Architecture
name
--architecture-id ARCHITECTURE_ID
--ask-root-password ASK_ROOT_PW        One of
true/false, yes/no, 1/0.
--build BUILD                          One of
true/false, yes/no, 1/0.
--capabilities CAPABILITIES
--domain DOMAIN_NAME                   Domain name
--domain-id DOMAIN_ID                  Numerical ID or
domain name
--enabled ENABLED                      One of
true/false, yes/no, 1/0.
--environment ENVIRONMENT_NAME         Environment name
--environment-id ENVIRONMENT_ID
--host-parameters-attributes HOST_PARAMETERS_ATTRIBUTES Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--hostgroup HOSTGROUP_NAME             Hostgroup name
--hostgroup-id HOSTGROUP_ID
--hostgroup-title HOSTGROUP_TITLE      Hostgroup title
--id ID
--image IMAGE_NAME                     Name to search
by
--image-id IMAGE_ID
--interface INTERFACE                 Interface
parameters
separated list of key=value.
specified multiple times.
--ip IP                               not required
if using a subnet with DHCP Capsule
--mac MAC                             not required if
it's a virtual machine
--managed MANAGED                     One of
true/false, yes/no, 1/0.
```

```

--medium MEDIUM_NAME           Medium name
--medium-id MEDIUM_ID
--model MODEL_NAME              Model name
--model-id MODEL_ID
--name NAME                     Name to search
by
--new-name NEW_NAME
--operatingsystem OPERATINGSYSTEM_TITLE Operating system
title
--operatingsystem-id OPERATINGSYSTEM_ID
--overwrite OVERWRITE          One of
true/false, yes/no, 1/0.
--owner-id OWNER_ID
--parameters PARAMS            Host parameters
                                Comma-
separated list of key=value.
--partition-table PARTITION_TABLE_NAME Partition table
name
--partition-table-id PARTITION_TABLE_ID
--progress-report-id PROGRESS_REPORT_ID UUID to track
orchestration tasks status, GET

/api/orchestration/:UUID/tasks
--provision-method METHOD       Possible
value(s): 'build', 'image'
--puppet-ca-proxy-id PUPPET_CA_PROXY_ID
--puppet-proxy-id PUPPET_PROXY_ID
--puppetclass-ids PUPPETCLASS_IDS Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--pxe-loader PXE_LOADER        DHCP filename
option (Grub2 or PXELinux by default)

                                Possible
value(s): 'None', 'PXELinux BIOS', 'PXELinux UEFI', 'Grub UEFI', 'Grub
UEFI SecureBoot', 'Grub2 UEFI', 'Grub2 UEFI SecureBoot'
--root-password ROOT_PW
--sp-subnet-id SP_SUBNET_ID
--subnet SUBNET_NAME           Subnet name
--subnet-id SUBNET_ID
-h, --help                     print help

```

10.14.7. hammer discovery reboot

Reboot a host

```

Usage:
    hammer discovery reboot [OPTIONS]

Options:
  --id ID                Name to search by
  --name NAME
  -h, --help             print help

```

10.14.8. hammer discovery refresh-facts

Refresh the facts of a host

```
Usage:
    hammer discovery refresh-facts [OPTIONS]

Options:
  --id ID                Name to search by
  --name NAME            print help
  -h, --help
```

10.15. HAMMER DISCOVERY-RULE

Manipulate discovered rules.

```
Usage:
    hammer discovery-rule [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND            subcommand
  [ARG] ...            subcommand arguments

Subcommands:
  create                Create a discovery rule
  delete                Delete a rule
  info                  Show a discovery rule
  list                  List all discovery rules
  update                Update a rule

Options:
  -h, --help            print help
```

10.15.1. hammer discovery-rule create

Create a discovery rule

```
Usage:
    hammer discovery-rule create [OPTIONS]

Options:
  --enabled ENABLED      flag is used for temporary
shutdown of rules        shutdown of rules
                          One of true/false, yes/no,
1/0.
  --hostgroup HOSTGROUP_NAME Hostgroup name
  --hostgroup-id HOSTGROUP_ID
  --hostgroup-title HOSTGROUP_TITLE Hostgroup title
  --hostname HOSTNAME     defines a pattern to assign
human-readable hostnames to the matching hosts
  --hosts-limit HOSTS_LIMIT
  --location-ids LOCATION_IDS REPLACE locations with given
ids
                          Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --location-titles LOCATION_TITLES Comma separated list of values.
```

```

Values containing comma should be quoted or escaped with backslash
--locations LOCATION_NAMES          Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--max-count MAX_COUNT                enables to limit maximum
amount of provisioned hosts per rule
--name NAME                          represents rule name shown to
the users
--organization-ids ORGANIZATION_IDS  REPLACE organizations with
given ids.
                                     Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES   Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--priority PRIORITY                  puts the rules in order, low
numbers go first. Must be greater then zero
--search SEARCH                      query to match discovered
hosts for the particular rule
-h, --help                          print help

```

10.15.2. hammer discovery-rule delete

Delete a rule

```

Usage:
    hammer discovery-rule delete [OPTIONS]

Options:
    --id ID
    --name NAME          Name to search by
    -h, --help           print help

```

10.15.3. hammer discovery-rule info

Show a discovery rule

```

Usage:
    hammer discovery-rule info [OPTIONS]

Options:
    --id ID
    --name NAME          Name to search by
    -h, --help           print help

```

10.15.4. hammer discovery-rule list

List all discovery rules

```

Usage:
    hammer discovery-rule list [OPTIONS]

Options:

```

<code>--order ORDER</code>	sort results
<code>--page PAGE</code>	paginate results
<code>--per-page PER_PAGE</code>	number of entries per request
<code>--search SEARCH</code>	filter results
<code>-h, --help</code>	print help

10.15.5. hammer discovery-rule update

Update a rule

Usage:

```
hammer discovery-rule update [OPTIONS]
```

Options:

<code>--enabled ENABLED</code>	flag is used for temporary shutdown of rules
<code>1/0.</code>	One of true/false, yes/no,
<code>--hostgroup HOSTGROUP_NAME</code>	Hostgroup name
<code>--hostgroup-id HOSTGROUP_ID</code>	
<code>--hostgroup-title HOSTGROUP_TITLE</code>	Hostgroup title
<code>--hostname HOSTNAME</code>	defines a pattern to assign human-readable hostnames to the matching hosts
<code>--hosts-limit HOSTS_LIMIT</code>	
<code>--id ID</code>	
<code>--location-ids LOCATION_IDS</code>	REPLACE locations with given ids
	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--location-titles LOCATION_TITLES</code>	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--locations LOCATION_NAMES</code>	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--max-count MAX_COUNT</code>	enables to limit maximum amount of provisioned hosts per rule
<code>--name NAME</code>	Name to search by
<code>--new-name NEW_NAME</code>	represents rule name shown to the users
<code>--organization-ids ORGANIZATION_IDS</code>	REPLACE organizations with given ids.
	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--organization-titles ORGANIZATION_TITLES</code>	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--organizations ORGANIZATION_NAMES</code>	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--priority PRIORITY</code>	puts the rules in order, low numbers go first. Must be greater then zero
<code>--search SEARCH</code>	query to match discovered hosts for the particular rule
<code>-h, --help</code>	print help

10.16. HAMMER DOCKER

Manipulate docker content

```
Usage:
  hammer docker [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:
  container           Manage docker containers
  manifest            Manage docker manifests
  registry            Manage docker registries
  tag                 Manage docker tags

Options:
  -h, --help          print help
```

10.16.1. hammer docker container

Manage docker containers

```
Usage:
  hammer docker container [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:
  create              Create a container
  delete              Delete a container
  info                Show a container
  list                List all containers
  logs                Show container logs
  start               Power a container on
  status              Run power operation on a container
  stop                Power a container off

Options:
  -h, --help          print help
```

10.16.1.1. hammer docker container create

Create a container

```
Usage:
  hammer docker container create [OPTIONS]

Options:
  --attach-stderr ATTACH_STDERR  One of true/false, yes/no,
1/0.
  --attach-stdin ATTACH_STDIN    One of true/false, yes/no,
1/0.
```



```

--attach-stdout ATTACH_STDOUT          One of true/false, yes/no,
1/0.
--capsule CAPSULE_NAME                  Name to search by
--capsule-id CAPSULE_ID                 Id of the capsule
--command COMMAND
--compute-resource COMPUTE_RESOURCE_NAME Compute resource name
--compute-resource-id COMPUTE_RESOURCE_ID
--cpu-set CPU_SET
--cpu-shares CPU_SHARES
--entrypoint ENTRYPOINT
--environment-variables ENVIRONMENT_VARIABLES Optional array of
environment variables hashes. e.g.
                                     'environment_variables':
[{'name' => 'example',
                                     'value' => '123'}]
values. Values containing comma should be quoted or escaped with backslash
--location-ids LOCATION_IDS             REPLACE locations with
given ids
                                     Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--location-titles LOCATION_TITLES       Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--locations LOCATION_NAMES              Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--memory MEMORY
--name NAME
--organization-ids ORGANIZATION_IDS      REPLACE organizations with
given ids.
                                     Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES      Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--registry REGISTRY_NAME                 Name to search by
--registry-id REGISTRY_ID
--repository-name REPOSITORY_NAME        Name of the repository to
use to create the container. e.g. centos
--tag TAG                                Tag to use to create the
container. e.g. latest
--tty TTY                                One of true/false,
yes/no, 1/0.
-h, --help                               print help

```

10.16.1.2. hammer docker container delete

Delete a container

```

Usage:
    hammer docker container delete [OPTIONS]

Options:
--compute-resource COMPUTE_RESOURCE_NAME Compute resource name
--compute-resource-id COMPUTE_RESOURCE_ID

```

```
--id ID
--name NAME
-h, --help
```

Name to search by
print help

10.16.1.3. hammer docker container info

Show a container

```
Usage:
  hammer docker container info [OPTIONS]

Options:
  --compute-resource COMPUTE_RESOURCE_NAME  Compute resource name
  --compute-resource-id COMPUTE_RESOURCE_ID
  --id ID
  --name NAME
  -h, --help
```

Name to search by
print help

10.16.1.4. hammer docker container list

List all containers

```
Usage:
  hammer docker container list [OPTIONS]

Options:
  --compute-resource COMPUTE_RESOURCE_NAME  Compute resource name
  --compute-resource-id COMPUTE_RESOURCE_ID
  --order ORDER                             sort results
  --page PAGE                               paginate results
  --per-page PER_PAGE                       number of entries per request
  --search SEARCH                           filter results
  -h, --help                               print help
```

10.16.1.5. hammer docker container logs

Show container logs

```
Usage:
  hammer docker container logs [OPTIONS]

Options:
  --compute-resource COMPUTE_RESOURCE_NAME  Compute resource name
  --compute-resource-id COMPUTE_RESOURCE_ID
  --id ID
  --name NAME
  --stderr STDERR                          One of true/false, yes/no,
1/0.
  --stdout STDOUT                          One of true/false, yes/no,
1/0.
  --tail TAIL                             Number of lines to tail.
Default: 100
-h, --help                               print help
```

10.16.1.6. hammer docker container start

Power a container on

```
Usage:
    hammer docker container start [OPTIONS]

Options:
    --compute-resource COMPUTE_RESOURCE_NAME  Compute resource name
    --compute-resource-id COMPUTE_RESOURCE_ID
    --id ID
    --name NAME                                Name to search by
    -h, --help                                  print help
```

10.16.1.7. hammer docker container status

Run power operation on a container

```
Usage:
    hammer docker container status [OPTIONS]

Options:
    --compute-resource COMPUTE_RESOURCE_NAME  Compute resource name
    --compute-resource-id COMPUTE_RESOURCE_ID
    --id ID
    --name NAME                                Name to search by
    -h, --help                                  print help
```

10.16.1.8. hammer docker container stop

Power a container off

```
Usage:
    hammer docker container stop [OPTIONS]

Options:
    --compute-resource COMPUTE_RESOURCE_NAME  Compute resource name
    --compute-resource-id COMPUTE_RESOURCE_ID
    --id ID
    --name NAME                                Name to search by
    -h, --help                                  print help
```

10.16.2. hammer docker manifest

Manage docker manifests

```
Usage:
    hammer docker manifest [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND          subcommand
    [ARG] ...           subcommand arguments
```

```

Subcommands:
  info          Show a docker manifest
  list          List docker_manifests

Options:
  -h, --help    print help

```

10.16.2.1. hammer docker manifest info

Show a docker manifest

```

Usage:
  hammer docker manifest info [OPTIONS]

Options:
  --id ID          a docker manifest identifier
  --name NAME      Name to search by
  --repository REPOSITORY_NAME Repository name to search by
  --repository-id REPOSITORY_ID repository ID
  -h, --help      print help

```

10.16.2.2. hammer docker manifest list

List docker_manifests

```

Usage:
  hammer docker manifest list [OPTIONS]

Options:
  --by BY          Field to sort the
results on
  --content-view CONTENT_VIEW_NAME Content view name to
search by
  --content-view-filter CONTENT_VIEW_FILTER_NAME Name to search by
  --content-view-filter-id CONTENT_VIEW_FILTER_ID filter identifier
  --content-view-id CONTENT_VIEW_ID content view numeric
identifier
  --content-view-version CONTENT_VIEW_VERSION_VERSION Content view version
number
  --content-view-version-id CONTENT_VIEW_VERSION_ID Content view version
identifier
  --environment ENVIRONMENT_NAME Environment name
  --environment-id ENVIRONMENT_ID
  --full-result FULL_RESULT Whether or not to
show all results One of true/false,
yes/no, 1/0.
  --ids IDS        ids to filter
content by
Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --order ORDER    Sort field and
order, eg. 'name DESC'
  --organization ORGANIZATION_NAME Organization name to

```

```

search by
  --organization-id ORGANIZATION_ID          organization ID
  --organization-label ORGANIZATION_LABEL    Organization label
to search by
  --page PAGE                                Page number,
starting at 1
  --per-page PER_PAGE                        Number of results
per page to return
  --product PRODUCT_NAME                    Product name to
search by
  --product-id PRODUCT_ID                    product numeric
identifier
  --repository REPOSITORY_NAME              Repository name to
search by
  --repository-id REPOSITORY_ID              repository ID
  --search SEARCH                            Search string
-h, --help                                  print help

```

10.16.3. hammer docker registry

Manage docker registries

```

Usage:
  hammer docker registry [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:
  create              Create a docker registry
  delete              Delete a docker registry
  info                Show a docker registry
  list                List all docker registries
  update              Update a docker registry

Options:
  -h, --help          print help

```

10.16.3.1. hammer docker registry create

Create a docker registry

```

Usage:
  hammer docker registry create [OPTIONS]

Options:
  --description DESCRIPTION
  --location LOCATION_NAME          Location name
  --location-ids LOCATION_IDS       REPLACE locations with given
ids                                Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --location-titles LOCATION_TITLES Comma separated list of values.

```

```

Values containing comma should be quoted or escaped with backslash
--locations LOCATION_NAMES          Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--name NAME
--organization ORGANIZATION_NAME      Organization name
--organization-ids ORGANIZATION_IDS    REPLACE organizations with
given ids.

                                   Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES    Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--password PASSWORD
--url URL
--username USERNAME
-h, --help                            print help

```

10.16.3.2. hammer docker registry delete

Delete a docker registry

```

Usage:
  hammer docker registry delete [OPTIONS]

Options:
  --id ID                        Name to search by
  --name NAME                    print help
  -h, --help

```

10.16.3.3. hammer docker registry info

Show a docker registry

```

Usage:
  hammer docker registry info [OPTIONS]

Options:
  --id ID                        Name to search by
  --name NAME                    print help
  -h, --help

```

10.16.3.4. hammer docker registry list

List all docker registries

```

Usage:
  hammer docker registry list [OPTIONS]

Options:
  --order ORDER                  sort results
  --page PAGE                    paginate results
  --per-page PER_PAGE            number of entries per request
  --search SEARCH                filter results

```

`-h, --help` print help

10.16.3.5. hammer docker registry update

Update a docker registry

Usage:

`hammer docker registry update [OPTIONS]`

Options:

`--description DESCRIPTION`

`--id ID`

`--location-ids LOCATION_IDS` REPLACE locations with given
ids
Comma separated list of
values. Values containing comma should be quoted or escaped with backslash

`--location-titles LOCATION_TITLES` Comma separated list of values.
Values containing comma should be quoted or escaped with backslash

`--locations LOCATION_NAMES` Comma separated list of
values. Values containing comma should be quoted or escaped with backslash

`--name NAME` Name to search by

`--new-name NEW_NAME`

`--organization-ids ORGANIZATION_IDS` REPLACE organizations with
given ids.
Comma separated list of
values. Values containing comma should be quoted or escaped with backslash

`--organization-titles ORGANIZATION_TITLES` Comma separated list of values.
Values containing comma should be quoted or escaped with backslash

`--organizations ORGANIZATION_NAMES` Comma separated list of values.
Values containing comma should be quoted or escaped with backslash

`--password PASSWORD`

`--url URL`

`--username USERNAME`

`-h, --help` print help

10.16.4. hammer docker tag

Manage docker tags

Usage:

`hammer docker tag [OPTIONS] SUBCOMMAND [ARG] ...`

Parameters:

`SUBCOMMAND` subcommand
`[ARG] ...` subcommand arguments

Subcommands:

`info` Show a docker tag
`list` List docker_tags

Options:

`-h, --help` print help

10.16.4.1. hammer docker tag info

Show a docker tag

```
Usage:
  hammer docker tag info [OPTIONS]

Options:
  --id ID                a docker tag identifier
  --name NAME            Name to search by
  --repository REPOSITORY_NAME Repository name to search by
  --repository-id REPOSITORY_ID repository ID
  -h, --help            print help
```

10.16.4.2. hammer docker tag list

List docker_tags

```
Usage:
  hammer docker tag list [OPTIONS]

Options:
  --by BY                Field to sort the
results on
  --content-view CONTENT_VIEW_NAME Content view name to
search by
  --content-view-filter CONTENT_VIEW_FILTER_NAME Name to search by
  --content-view-filter-id CONTENT_VIEW_FILTER_ID filter identifier
  --content-view-id CONTENT_VIEW_ID content view numeric
identifier
  --content-view-version CONTENT_VIEW_VERSION_VERSION Content view version
number
  --content-view-version-id CONTENT_VIEW_VERSION_ID Content view version
identifier
  --environment ENVIRONMENT_NAME Environment name
  --environment-id ENVIRONMENT_ID
  --full-result FULL_RESULT Whether or not to
show all results
                                One of true/false,
yes/no, 1/0.
  --ids IDS              ids to filter
content by
                                Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --order ORDER          Sort field and
order, eg. 'name DESC'
  --organization ORGANIZATION_NAME Organization name to
search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label
to search by
  --page PAGE            Page number,
starting at 1
  --per-page PER_PAGE    Number of results
```



```

per page to return
  --product PRODUCT_NAME          Product name to
search by
  --product-id PRODUCT_ID         product numeric
identifier
  --repository REPOSITORY_NAME    Repository name to
search by
  --repository-id REPOSITORY_ID   repository ID
  --search SEARCH                 Search string
  -h, --help                      print help

```

10.17. HAMMER DOMAIN

Manipulate domains.

```

Usage:
  hammer domain [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:
  create              Create a domain
  delete              Delete a domain
  delete-parameter    Delete parameter for a domain.
  info                Show a domain
  list                List of domains
  set-parameter        Create or update parameter for a domain.
  update              Update a domain

Options:
  -h, --help          print help

```

10.17.1. hammer domain create

Create a domain

```

Usage:
  hammer domain create [OPTIONS]

Options:
  --description DESC          Full name describing the
domain
  --dns DNS_NAME              Name of DNS proxy to use
within this domain
  --dns-id DNS_ID             ID of DNS proxy to use within
this domain
  --location-ids LOCATION_IDS REPLACE locations with given
ids
                                Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --location-titles LOCATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash

```

```
--locations LOCATION_NAMES      Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--name NAME                      The full DNS domain name
--organization-ids ORGANIZATION_IDS  REPLACE organizations with
given ids.

                                Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES  Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES      Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
-h, --help                          print help
```

10.17.2. hammer domain delete

Delete a domain

```
Usage:
    hammer domain delete [OPTIONS]

Options:
  --id ID                Domain name
  --name NAME            print help
  -h, --help
```

10.17.3. hammer domain delete-parameter

Delete parameter for a domain.

```
Usage:
    hammer domain delete-parameter [OPTIONS]

Options:
  --domain DOMAIN_NAME      Domain name
  --domain-id DOMAIN_ID    Numerical ID or domain name
  --name NAME              parameter name
  -h, --help              print help
```

10.17.4. hammer domain info

Show a domain

```
Usage:
    hammer domain info [OPTIONS]

Options:
  --id ID                Numerical ID or domain
name
  --name NAME            Domain name
  --show-hidden-parameters SHOW_HIDDEN_PARAMETERS  Display hidden parameter
values
```

yes/no, 1/0.

-h, --help

One of true/false,

print help

10.17.5. hammer domain list

List of domains

Usage:

hammer domain list [OPTIONS]

Options:

--location LOCATION_NAME	Location name
--location-id LOCATION_ID	
--location-title LOCATION_TITLE	Location title
--order ORDER	sort results
--organization ORGANIZATION_NAME	Organization name
--organization-id ORGANIZATION_ID	organization ID
--organization-title ORGANIZATION_TITLE	Organization title
--page PAGE	paginate results
--per-page PER_PAGE	number of entries per request
--search SEARCH	filter results
--subnet SUBNET_NAME	Subnet name
--subnet-id SUBNET_ID	
-h, --help	print help

10.17.6. hammer domain set-parameter

Create or update parameter for a domain.

Usage:

hammer domain set-parameter [OPTIONS]

Options:

--domain DOMAIN_NAME	Domain name
--domain-id DOMAIN_ID	Numerical ID or domain name
--hidden-value HIDDEN_VALUE	should the value be hidden
	One of true/false, yes/no, 1/0.
--name NAME	parameter name
--value VALUE	parameter value
-h, --help	print help

10.17.7. hammer domain update

Update a domain

Usage:

hammer domain update [OPTIONS]

Options:

--description DESC	Full name describing the domain
--dns DNS_NAME	Name of DNS proxy to use

```

within this domain
  --dns-id DNS_ID          ID of DNS proxy to use within
this domain
  --id ID
  --location-ids LOCATION_IDS  REPLACE locations with given
ids
                                Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --location-titles LOCATION_TITLES  Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --locations LOCATION_NAMES  Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --name NAME                Domain name
  --new-name NEW_NAME        The full DNS domain name
  --organization-ids ORGANIZATION_IDS  REPLACE organizations with
given ids.
                                Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --organization-titles ORGANIZATION_TITLES  Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --organizations ORGANIZATION_NAMES  Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  -h, --help                print help

```

10.18. HAMMER ENVIRONMENT

Manipulate environments.

```

Usage:
  hammer environment [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:
  create              Create an environment
  delete              Delete an environment
  info                Show an environment
  list                List all environments
  sc-params            List all smart class parameters
  update              Update an environment

Options:
  -h, --help          print help

```

10.18.1. hammer environment create

Create an environment

```

Usage:
  hammer environment create [OPTIONS]

Options:

```

```

--location-ids LOCATION_IDS      REPLACE locations with given
ids                               Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--location-titles LOCATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--locations LOCATION_NAMES       Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--name NAME                       Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organization-ids ORGANIZATION_IDS REPLACE organizations with
given ids.                       Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
-h, --help                       print help

```

10.18.2. hammer environment delete

Delete an environment

```

Usage:
    hammer environment delete [OPTIONS]

Options:
  --id ID                Environment name
  --name NAME            print help
  -h, --help

```

10.18.3. hammer environment info

Show an environment

```

Usage:
    hammer environment info [OPTIONS]

Options:
  --id ID                Environment name
  --name NAME            print help
  -h, --help

```

10.18.4. hammer environment list

List all environments

```

Usage:
    hammer environment list [OPTIONS]

Options:
  --location LOCATION_NAME      Location name
  --location-id LOCATION_ID

```

```

--location-title LOCATION_TITLE      Location title
--order ORDER                        sort results
--organization ORGANIZATION_NAME      Organization name
--organization-id ORGANIZATION_ID      organization ID
--organization-title ORGANIZATION_TITLE Organization title
--page PAGE                          paginate results
--per-page PER_PAGE                   number of entries per request
--puppet-class PUPPET_CLASS_NAME       Puppet class name
--puppet-class-id PUPPET_CLASS_ID       ID of Puppet class
--search SEARCH                       filter results
-h, --help                           print help

```

10.18.5. hammer environment sc-params

List all smart class parameters

```

Usage:
  hammer environment sc-params [OPTIONS]

Options:
  --environment ENVIRONMENT_NAME  Environment name
  --environment-id ENVIRONMENT_ID
  --order ORDER                   sort results
  --page PAGE                     paginate results
  --per-page PER_PAGE             number of entries per request
  --search SEARCH                 filter results
  --show-hidden SHOW_HIDDEN       Display hidden values
                                  One of true/false, yes/no, 1/0.
  -h, --help                     print help

```

10.18.6. hammer environment update

Update an environment

```

Usage:
  hammer environment update [OPTIONS]

Options:
  --id ID
  --location-ids LOCATION_IDS      REPLACE locations with given
ids                                Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --location-titles LOCATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --locations LOCATION_NAMES       Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --name NAME                      Environment name
  --new-name NEW_NAME
  --organization-ids ORGANIZATION_IDS REPLACE organizations with
given ids.                        Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --organization-titles ORGANIZATION_TITLES Comma separated list of values.

```

Values containing comma should be quoted or escaped with backslash
 --organizations ORGANIZATION_NAMES Comma separated list of values.
 Values containing comma should be quoted or escaped with backslash
 -h, --help print help

10.19. HAMMER ERRATUM

Manipulate errata

Usage:
 hammer erratum [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
 SUBCOMMAND subcommand
 [ARG] ... subcommand arguments

Subcommands:
 info Show an erratum
 list List errata

Options:
 -h, --help print help

10.19.1. hammer erratum info

Show an erratum

Usage:
 hammer erratum info [OPTIONS]

Options:
 --id ID an erratum identifier
 --name NAME Name to search by
 --repository REPOSITORY_NAME Repository name to search by
 --repository-id REPOSITORY_ID repository ID
 -h, --help print help

10.19.2. hammer erratum list

List errata

Usage:
 hammer erratum list [OPTIONS]

Options:
 --by BY Field to
 sort the results on
 --content-view CONTENT_VIEW_NAME Content view
 name to search by
 --content-view-filter CONTENT_VIEW_FILTER_NAME Name to search
 by
 --content-view-filter-id CONTENT_VIEW_FILTER_ID filter
 identifier

<code>--content-view-id CONTENT_VIEW_ID</code>	content view
numeric identifier	
<code>--content-view-version CONTENT_VIEW_VERSION_VERSION</code>	Content view
version number	
<code>--content-view-version-id CONTENT_VIEW_VERSION_ID</code>	Content view
version identifier	
<code>--cve CVE</code>	CVE
identifier	
<code>--environment ENVIRONMENT_NAME</code>	Environment
name	
<code>--environment-id ENVIRONMENT_ID</code>	
<code>--errata-restrict-applicable ERRATA_RESTRICT_APPLICABLE</code>	show only
errata with one or more applicable hosts	
	One of
true/false, yes/no, 1/0.	
<code>--errata-restrict-installable ERRATA_RESTRICT_INSTALLABLE</code>	show only
errata with one or more installable hosts	
	One of
true/false, yes/no, 1/0.	
<code>--full-result FULL_RESULT</code>	Whether or
not to show all results	
	One of
true/false, yes/no, 1/0.	
<code>--order ORDER</code>	Sort field
and order, eg. 'name DESC'	
<code>--organization ORGANIZATION_NAME</code>	Organization
name to search by	
<code>--organization-id ORGANIZATION_ID</code>	organization
ID	
<code>--organization-label ORGANIZATION_LABEL</code>	Organization
label to search by	
<code>--page PAGE</code>	Page number,
starting at 1	
<code>--per-page PER_PAGE</code>	Number of
results per page to return	
<code>--product PRODUCT_NAME</code>	Product name
to search by	
<code>--product-id PRODUCT_ID</code>	product
numeric identifier	
<code>--repository REPOSITORY_NAME</code>	Repository
name to search by	
<code>--repository-id REPOSITORY_ID</code>	repository ID
<code>--search SEARCH</code>	Search string
<code>-h, --help</code>	print help

10.20. HAMMER FACT

Search facts.

Usage:

```
hammer fact [OPTIONS] SUBCOMMAND [ARG] ...
```

Parameters:

SUBCOMMAND

subcommand

[ARG] ...

subcommand arguments


```

Subcommands:
  list                List all fact values

Options:
  -h, --help          print help

```

10.20.1. hammer fact list

List all fact values

```

Usage:
  hammer fact list [OPTIONS]

Options:
  --order ORDER        sort results
  --page PAGE          paginate results
  --per-page PER_PAGE  number of entries per request
  --search SEARCH      filter results
  -h, --help          print help

```

10.21. HAMMER FILE

Manipulate files

```

Usage:
  hammer file [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:
  info               Show a file
  list              List files

Options:
  -h, --help          print help

```

10.21.1. hammer file info

Show a file

```

Usage:
  hammer file info [OPTIONS]

Options:
  --content-view CONTENT_VIEW_NAME          Content view name to
search by
  --content-view-id CONTENT_VIEW_ID         content view numeric
identifier
  --content-view-version CONTENT_VIEW_VERSION_VERSION Content view version
number

```

```

--content-view-version-id CONTENT_VIEW_VERSION_ID  Content View Version
ID
--id ID                                             a file identifier
--name NAME                                         File name to search
by
--organization ORGANIZATION_NAME                  Organization name to
search by
--organization-id ORGANIZATION_ID                  organization ID
--organization-label ORGANIZATION_LABEL            Organization label
to search by
--product PRODUCT_NAME                             Product name to
search by
--product-id PRODUCT_ID                           product numeric
identifier
--repository REPOSITORY_NAME                       Repository name to
search by
--repository-id REPOSITORY_ID                       Repository ID
-h, --help                                         print help

```

10.21.2. hammer file list

List files

```

Usage:
  hammer file list [OPTIONS]

Options:
  --by BY                                           Field to sort the
results on
  --content-view CONTENT_VIEW_NAME                 Content view name to
search by
  --content-view-filter CONTENT_VIEW_FILTER_NAME    Name to search by
  --content-view-filter-id CONTENT_VIEW_FILTER_ID   filter identifier
  --content-view-id CONTENT_VIEW_ID                 content view numeric
identifier
  --content-view-version CONTENT_VIEW_VERSION_VERSION Content view version
number
  --content-view-version-id CONTENT_VIEW_VERSION_ID Content view version
identifier
  --environment ENVIRONMENT_NAME                   Environment name
  --environment-id ENVIRONMENT_ID
  --full-result FULL_RESULT                         Whether or not to
show all results
                                                    One of true/false,
yes/no, 1/0.
  --ids IDS                                         ids to filter
content by
                                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --order ORDER                                     Sort field and
order, eg. 'name DESC'
  --organization ORGANIZATION_NAME                 Organization name to
search by
  --organization-id ORGANIZATION_ID                 organization ID

```

<code>--organization-label ORGANIZATION_LABEL</code>	Organization label
to search by	
<code>--page PAGE</code>	Page number,
starting at 1	
<code>--per-page PER_PAGE</code>	Number of results
per page to return	
<code>--product PRODUCT_NAME</code>	Product name to
search by	
<code>--product-id PRODUCT_ID</code>	product numeric
identifier	
<code>--repository REPOSITORY_NAME</code>	Repository name to
search by	
<code>--repository-id REPOSITORY_ID</code>	repository ID
<code>--search SEARCH</code>	Search string
<code>-h, --help</code>	print help

10.22. HAMMER FILTER

Manage permission filters.

Usage:

```
hammer filter [OPTIONS] SUBCOMMAND [ARG] ...
```

Parameters:

<code>SUBCOMMAND</code>	subcommand
<code>[ARG] ...</code>	subcommand arguments

Subcommands:

<code>available-permissions</code>	List all permissions
<code>available-resources</code>	List available resource types.
<code>create</code>	Create a filter
<code>delete</code>	Delete a filter
<code>info</code>	Show a filter
<code>list</code>	List all filters
<code>update</code>	Update a filter

Options:

<code>-h, --help</code>	print help
-------------------------	------------

10.22.1. hammer filter available-permissions

List all permissions

Usage:

```
hammer filter available-permissions [OPTIONS]
```

Options:

<code>--name NAME</code>	
<code>--order ORDER</code>	sort results
<code>--page PAGE</code>	paginate results
<code>--per-page PER_PAGE</code>	number of entries per request
<code>--resource-type RESOURCE_TYPE</code>	
<code>--search SEARCH</code>	filter results
<code>-h, --help</code>	print help

10.22.2. hammer filter available-resources

List available resource types.

```
Usage:
    hammer filter available-resources [OPTIONS]

Options:
    -h, --help                print help
```

10.22.3. hammer filter create

Create a filter

```
Usage:
    hammer filter create [OPTIONS]

Options:
    --location-ids LOCATION_IDS      Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
    --location-titles LOCATION_TITLES      Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
    --locations LOCATION_NAMES          Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
    --organization-ids ORGANIZATION_IDS      Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
    --organization-titles ORGANIZATION_TITLES      Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
    --organizations ORGANIZATION_NAMES      Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
    --override OVERRIDE                One of true/false, yes/no,
1/0.
    --permission-ids PERMISSION_IDS          Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
    --permissions PERMISSION_NAMES          Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
    --role ROLE_NAME                    User role name
    --role-id ROLE_ID
    --search SEARCH
    -h, --help                print help
```

Overriding organizations and locations:

Filters inherit organizations and locations from its role by default. This behavior can be changed by setting `--override=true`. Therefore options `--organization[s]-ids` and `--location[s]-ids` are applicable only when the override flag is set.

10.22.4. hammer filter delete

Delete a filter

```
Usage:
    hammer filter delete [OPTIONS]
```

```
Options:
  --id ID
  -h, --help                print help
```

10.22.5. hammer filter info

Show a filter

```
Usage:
  hammer filter info [OPTIONS]

Options:
  --id ID
  -h, --help                print help
```

10.22.6. hammer filter list

List all filters

```
Usage:
  hammer filter list [OPTIONS]

Options:
  --order ORDER              sort results
  --page PAGE                paginate results
  --per-page PER_PAGE        number of entries per request
  --search SEARCH            filter results
  -h, --help                print help
```

10.22.7. hammer filter update

Update a filter

```
Usage:
  hammer filter update [OPTIONS]

Options:
  --id ID
  --location-ids LOCATION_IDS      Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --location-titles LOCATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --locations LOCATION_NAMES      Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --organization-ids ORGANIZATION_IDS Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --organization-titles ORGANIZATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --organizations ORGANIZATION_NAMES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --override OVERRIDE              One of true/false, yes/no,
1/0.
```

```

--permission-ids PERMISSION_IDS      Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--permissions PERMISSION_NAMES      Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--role ROLE_NAME                    User role name
--role-id ROLE_ID
--search SEARCH
-h, --help                          print help

```

Overriding organizations and locations:

Filters inherit organizations and locations from its role by default. This behavior can be changed by setting `--override=true`. Therefore options `--organization[s|-ids]` and `--location[s|-ids]` are applicable only when the override flag is set.

10.23. HAMMER FOREIGN-INPUT-SET

Manage foreign input sets

```

Usage:
  hammer foreign-input-set [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND                subcommand
  [ARG] ...                 subcommand arguments

Subcommands:
  create                    Create a foreign input set
  delete                   Delete a foreign input set
  info                     Show foreign input set details
  list                     List foreign input sets
  update                   Update a foreign input set

Options:
  -h, --help               print help

```

10.23.1. hammer foreign-input-set create

Create a foreign input set

```

Usage:
  hammer foreign-input-set create [OPTIONS]

Options:
  --description DESCRIPTION      Input set description
  --exclude EXCLUDE             A comma separated list of input
names to be included from the foreign
                                template.
  --include INCLUDE             A comma separated list of input
names to be included from the foreign
                                template.
  --include-all INCLUDE_ALL    Include all inputs from the
foreign template

```

```

--target-template-id TARGET_TEMPLATE_ID Target template ID
--template-id TEMPLATE_ID
-h, --help print help

```

10.23.2. hammer foreign-input-set delete

Delete a foreign input set

```

Usage:
    hammer foreign-input-set delete [OPTIONS]

Options:
  --id ID
  --name NAME Name to search by
  --template-id TEMPLATE_ID
  -h, --help print help

```

10.23.3. hammer foreign-input-set info

Show foreign input set details

```

Usage:
    hammer foreign-input-set info [OPTIONS]

Options:
  --id ID
  --name NAME Name to search by
  --template-id TEMPLATE_ID
  -h, --help print help

```

10.23.4. hammer foreign-input-set list

List foreign input sets

```

Usage:
    hammer foreign-input-set list [OPTIONS]

Options:
  --order ORDER sort results
  --page PAGE paginate results
  --per-page PER_PAGE number of entries per request
  --search SEARCH filter results
  --template-id TEMPLATE_ID
  -h, --help print help

```

10.23.5. hammer foreign-input-set update

Update a foreign input set

```

Usage:
    hammer foreign-input-set update [OPTIONS]

```

```
Options:
  --description DESCRIPTION      Input set description
  --exclude EXCLUDE              A comma separated list of input
names to be included from the foreign      template.
  --id ID
  --include INCLUDE              A comma separated list of input
names to be included from the foreign      template.
  --include-all INCLUDE_ALL      Include all inputs from the
foreign template
  --name NAME                    One of true/false, yes/no, 1/0.
  --new-name NEW_NAME            Name to search by
  --target-template-id TARGET_TEMPLATE_ID Target template ID
  --template-id TEMPLATE_ID
  -h, --help                    print help
```

10.24. HAMMER FULL-HELP

Print help for all hammer commands

```
Usage:
  hammer full-help [OPTIONS]

Options:
  --md                Format output in markdown
  -h, --help          print help
```

10.25. HAMMER GLOBAL-PARAMETER

Manipulate global parameters.

```
Usage:
  hammer global-parameter [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND      subcommand
  [ARG] ...       subcommand arguments

Subcommands:
  delete          Delete a global parameter
  list            List all global parameters.
  set             Set a global parameter.

Options:
  -h, --help      print help
```

10.25.1. hammer global-parameter delete

Delete a global parameter


```
Usage:
    hammer global-parameter delete [OPTIONS]
```

```
Options:
    --name NAME            Common parameter name
    -h, --help            print help
```

10.25.2. hammer global-parameter list

List all global parameters.

```
Usage:
    hammer global-parameter list [OPTIONS]

Options:
    --order ORDER          sort results
    --page PAGE            paginate results
    --per-page PER_PAGE    number of entries per request
    --search SEARCH        filter results
    --show-hidden SHOW_HIDDEN Display hidden values
                           One of true/false, yes/no, 1/0.
    -h, --help            print help
```

10.25.3. hammer global-parameter set

Set a global parameter.

```
Usage:
    hammer global-parameter set [OPTIONS]

Options:
    --hidden-value HIDDEN_VALUE should the value be hidden
                                One of true/false, yes/no, 1/0.
    --name NAME                parameter name
    --value VALUE              parameter value
    -h, --help                print help
```

10.26. HAMMER GPG

Manipulate GPG Key actions on the server

```
Usage:
    hammer gpg [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND            subcommand
    [ARG] ...            subcommand arguments

Subcommands:
    create                Create a gpg key
    delete                Destroy a gpg key
    info                 Show a gpg key
    list                 List gpg keys
```

update	Update a repository
--------	---------------------

Options:	
-h, --help	print help

10.26.1. hammer gpg create

Create a gpg key

Usage:
hammer gpg create [OPTIONS]

Options:	
--key GPG_KEY_FILE	GPG Key file
--name NAME	identifier of the gpg key
--organization ORGANIZATION_NAME	Organization name to search by
--organization-id ORGANIZATION_ID	organization ID
--organization-label ORGANIZATION_LABEL	Organization label to search by
-h, --help	print help

10.26.2. hammer gpg delete

Destroy a gpg key

Usage:
hammer gpg delete [OPTIONS]

Options:	
--id ID	gpg key numeric identifier
--name NAME	Name to search by
--organization ORGANIZATION_NAME	Organization name to search by
--organization-id ORGANIZATION_ID	organization ID
--organization-label ORGANIZATION_LABEL	Organization label to search by
-h, --help	print help

10.26.3. hammer gpg info

Show a gpg key

Usage:
hammer gpg info [OPTIONS]

Options:	
--id ID	gpg key numeric identifier
--name NAME	Name to search by
--organization ORGANIZATION_NAME	Organization name to search by
--organization-id ORGANIZATION_ID	organization ID
--organization-label ORGANIZATION_LABEL	Organization label to search by
-h, --help	print help

10.26.4. hammer gpg list

List gpg keys

```

Usage:
    hammer gpg list [OPTIONS]

Options:
  --by BY                Field to sort the results on
  --full-result FULL_RESULT  Whether or not to show all
results
  --name NAME            One of true/false, yes/no, 1/0.
                        name of the GPG key
  --order ORDER          Sort field and order, eg. 'name
DESC'
  --organization ORGANIZATION_NAME  Organization name to search by
  --organization-id ORGANIZATION_ID  organization ID
  --organization-label ORGANIZATION_LABEL  Organization label to search by
  --page PAGE            Page number, starting at 1
  --per-page PER_PAGE    Number of results per page to
return
  --search SEARCH        Search string
  -h, --help            print help

```

10.26.5. hammer gpg update

Update a repository

```

Usage:
    hammer gpg update [OPTIONS]

Options:
  --id ID                gpg key numeric identifier
  --key GPG_KEY_FILE     GPG Key file
  --name NAME            Name to search by
  --new-name NEW_NAME    identifier of the gpg key
  --organization ORGANIZATION_NAME  Organization name to search by
  --organization-id ORGANIZATION_ID  organization ID
  --organization-label ORGANIZATION_LABEL  Organization label to search by
  -h, --help            print help

```

10.27. HAMMER HOST

Manipulate hosts.

```

Usage:
    hammer host [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND            subcommand
  [ARG] ...            subcommand arguments

Subcommands:
  create                Create a host
  delete                Delete a host
  delete-parameter      Delete parameter for a host.
  errata                Manage errata on your hosts
  facts                List all fact values

```

<code>info</code>	Show a host
<code>interface</code>	View and manage host's network interfaces
<code>list</code>	List all hosts
<code>package</code>	Manage packages on your hosts
<code>package-group</code>	Manage package-groups on your hosts
<code>puppet-classes</code>	List all Puppet classes
<code>puppetrun</code>	Force a Puppet agent run on the host
<code>reboot</code>	Reboot a host
<code>rebuild-config</code>	Rebuild orchestration related
<code>configurations for host</code>	
<code>reports</code>	List all reports
<code>sc-params</code>	List all smart class parameters
<code>set-parameter</code>	Create or update parameter for a host.
<code>smart-variables</code>	List all smart variables
<code>start</code>	Power a host on
<code>status</code>	Get configuration status of host
<code>stop</code>	Power a host off
<code>subscription</code>	Manage subscription information on your
<code>hosts</code>	
<code>update</code>	Update a host
 Options:	
<code>-h, --help</code>	print help

10.27.1. hammer host create

Create a host

Usage:	
<code>hammer host create [OPTIONS]</code>	
Options:	
<code>--architecture ARCHITECTURE_NAME</code>	Architecture name
<code>--architecture-id ARCHITECTURE_ID</code>	
<code>--ask-root-password ASK_ROOT_PW</code>	One of true/false,
yes/no, 1/0.	
<code>--autoheal AUTOHEAL</code>	Sets whether the
Host will autoheal subscriptions upon checkin	
	One of true/false,
yes/no, 1/0.	
<code>--build BUILD</code>	One of true/false,
yes/no, 1/0.	
<code>--comment COMMENT</code>	Default: "true"
information about this host	Additional
<code>--compute-attributes COMPUTE_ATTRS</code>	Compute resource
attributes.	
	Comma-separated
list of key=value.	
<code>--compute-profile COMPUTE_PROFILE_NAME</code>	Name to search by
<code>--compute-profile-id COMPUTE_PROFILE_ID</code>	
<code>--compute-resource COMPUTE_RESOURCE_NAME</code>	Compute resource name
<code>--compute-resource-id COMPUTE_RESOURCE_ID</code>	
<code>--config-group-ids CONFIG_GROUP_IDS</code>	IDs of associated
config groups	

Comma separated list of values. Values containing comma should be quoted or escaped with backslash

--config-groups CONFIG_GROUP_NAMES Comma separated list of values. Values containing comma should be quoted or escaped with backslash

--content-source-id CONTENT_SOURCE_ID

--content-view CONTENT_VIEW_NAME Name to search by

--content-view-id CONTENT_VIEW_ID content view numeric identifier

--domain DOMAIN_NAME Domain name

--domain-id DOMAIN_ID Numerical ID or domain name

--enabled ENABLED One of true/false, yes/no, 1/0.

--environment ENVIRONMENT_NAME Default: "true"
Environment name

--environment-id ENVIRONMENT_ID

--hostgroup HOSTGROUP_NAME Hostgroup name

--hostgroup-id HOSTGROUP_ID

--hostgroup-title HOSTGROUP_TITLE Hostgroup title

--hypervisor-guest-uuids HYPERVISOR_GUEST_UUIDS List of hypervisor guest uuids

Comma separated list of values. Values containing comma should be quoted or escaped with backslash

--image IMAGE_NAME Name to search by

--image-id IMAGE_ID

--interface INTERFACE Interface

parameters.

Comma-separated list of key=value.

Can be specified multiple times.

--ip IP not required if using a subnet with DHCP Capsule

--kickstart-repository-id KICKSTART_REPOSITORY_ID Repository Id associated with the kickstart repo used for provisioning

--lifecycle-environment LIFECYCLE_ENVIRONMENT_NAME Name to search by

--lifecycle-environment-id LIFECYCLE_ENVIRONMENT_ID ID of the environment

--location LOCATION_NAME Location name

--location-id LOCATION_ID

--location-title LOCATION_TITLE Location title

--mac MAC required for managed host that is bare metal, not required if it's a virtual machine

--managed MANAGED One of true/false, yes/no, 1/0.

--medium MEDIUM_NAME Default: "true"
Medium name

--medium-id MEDIUM_ID

--model MODEL_NAME Model name

--model-id MODEL_ID

--name NAME

--openscap-proxy-id OPENSAP_PROXY_ID ID of OpenSCAP Capsule

<code>--operatingsystem OPERATINGSYSTEM_TITLE</code>	Operating system
<code>title</code>	
<code>--operatingsystem-id OPERATINGSYSTEM_ID</code>	
<code>--organization ORGANIZATION_NAME</code>	Organization name
<code>--organization-id ORGANIZATION_ID</code>	organization ID
<code>--organization-title ORGANIZATION_TITLE</code>	Organization title
<code>--overwrite OVERWRITE</code>	One of true/false,
<code>yes/no, 1/0.</code>	
<code>--owner OWNER_LOGIN</code>	Default: "true"
<code>--owner-id OWNER_ID</code>	Login of the owner
<code>--owner-type OWNER_TYPE</code>	ID of the owner
<code>'User', 'Usergroup'</code>	Host's owner type
<code>--parameters PARAMS</code>	Possible value(s):
<code>list of key=value.</code>	Host parameters.
<code>--partition-table PARTITION_TABLE_NAME</code>	Comma-separated
<code>--partition-table-id PARTITION_TABLE_ID</code>	
<code>--progress-report-id PROGRESS_REPORT_ID</code>	Partition table name
<code>orchestration tasks status, GET</code>	UUID to track
<code>/api/orchestration/:UUID/tasks</code>	
<code>--provision-method METHOD</code>	Possible value(s):
<code>'build', 'image'</code>	
<code>--puppet-ca-proxy PUPPET_CA_PROXY_NAME</code>	
<code>--puppet-ca-proxy-id PUPPET_CA_PROXY_ID</code>	Puppet CA Capsule ID
<code>--puppet-class-ids PUPPET_CLASS_IDS</code>	Comma separated list
<code>of values. Values containing comma should be quoted or escaped with</code>	
<code>backslash</code>	
<code>--puppet-classes PUPPET_CLASS_NAMES</code>	Comma separated list
<code>of values. Values containing comma should be quoted or escaped with</code>	
<code>backslash</code>	
<code>--puppet-proxy PUPPET_PROXY_NAME</code>	
<code>--puppet-proxy-id PUPPET_PROXY_ID</code>	Puppet Capsule ID
<code>--pxe-loader PXE_LOADER</code>	DHCP filename option
<code>(Grub2/PXELinux by default)</code>	
<code>'None', 'PXELinux BIOS', 'PXELinux UEFI', 'Grub UEFI', 'Grub UEFI</code>	Possible value(s):
<code>SecureBoot', 'Grub2 UEFI', 'Grub2 UEFI SecureBoot'</code>	
<code>--realm REALM_NAME</code>	Name to search by
<code>--realm-id REALM_ID</code>	Numerical ID or
<code>realm name</code>	
<code>--release-version RELEASE_VERSION</code>	Release version for
<code>this Host to use (7Server, 7.1, etc)</code>	
<code>--root-password, --root-pass ROOT_PW</code>	Required if host is
<code>managed and value is not inherited from host group or default password in</code>	
<code>settings (--root-pass is deprecated: Use --root-password instead)</code>	
<code>--service-level SERVICE_LEVEL</code>	Service level to be
<code>used for autoheal.</code>	
<code>--subnet SUBNET_NAME</code>	Subnet name
<code>--subnet-id SUBNET_ID</code>	
<code>--volume VOLUME</code>	Volume parameters
<code>list of key=value.</code>	Comma-separated
	Can be specified

multiple times.

-h, --help

print help

Available keys for --interface:

mac

ip

type

Possible values: interface, bmc, bond, bridge

name

subnet_id

domain_id

identifier

managed

true/false

primary

true/false, each managed hosts needs to have one

primary interface.

provision

true/false

virtual

true/false

For virtual=true:

tag

VLAN tag, this attribute has precedence over the subnet VLAN ID. Only for virtual interfaces.

attached_to

Identifier of the interface to which this interface belongs, e.g. eth1.

For type=bond:

mode

Possible values: balance-rr, active-backup, balance-xor, broadcast, 802.3ad, balance-tlb, balance-alb

attached_devices

Identifiers of slave interfaces, e.g. [eth1,eth2]

bond_options

For type=bmc:

provider

always IPMI

username

password

Provider specific options:

EC2:

--compute-attributes:

flavor_id

image_id

availability_zone

security_group_ids

managed_ip

GCE:

--compute-attributes:

machine_type

image_id

network

external_ip

Libvirt:

--compute-attributes:

cpus

Number of CPUs

memory

String, amount of memory, value in bytes

start

Boolean (expressed as 0 or 1), whether to start

the machine or not

```

--interface:
  compute_type           Possible values: bridge, network
  compute_network / compute_bridge  Name of interface according to
type
  compute_model          Possible values: virtio, rtl8139,
ne2k_pci, pcnet, e1000

--volume:
  pool_name              One of available storage pools
  capacity               String value, eg. 10G
  format_type            Possible values: raw, qcow2

OpenStack:
--compute-attributes:
  flavor_ref
  image_ref
  tenant_id
  security_groups
  network

oVirt:
--compute-attributes:
  cluster
  template               Hardware profile to use
  cores                  Integer value, number of cores
  memory                 Amount of memory, integer value in bytes
  start                  Boolean (expressed as 0 or 1), whether to start
the machine or not

--interface:
  compute_name           Eg. eth0
  compute_network        Select one of available networks for a cluster

--volume:
  size_gb                Volume size in GB, integer value
  storage_domain          Select one of available storage domains
  bootable                Boolean, only one volume can be bootable

Rackspace:
--compute-attributes:
  flavor_id
  image_id

VMware:
--compute-attributes:
  cpus                   Cpu count
  corespersocket          Number of cores per socket (applicable to
hardware versions < 10 only)
  memory_mb               Integer number, amount of memory in MB
  cluster                 Cluster id from VMware
  path                    Path to folder
  guest_id                 Guest OS id form VMware
  scsi_controller_type     Id of the controller from VMware
  hardware_version         Hardware version id from VMware
  start                   Must be a 1 or 0, whether to start the

```



```

machine or not

  --interface:
    compute_type      Type of the network adapter, for example one of:
                      VirtualVmxnet,
                      VirtualVmxnet2,
                      VirtualVmxnet3,
                      VirtualE1000,
                      VirtualE1000e,
                      VirtualPCNet32
                      See documentation center for your version of
vSphere to find more details about available adapter types:
                      https://www.vmware.com/support/pubs/
    compute_network    Network id from VMware

  --volume:
    name
    datastore          Datastore id from VMware
    size_gb            Integer number, volume size in GB
    thin               true/false
    eager_zero         true/false

```

10.27.2. hammer host delete

Delete a host

```

Usage:
  hammer host delete [OPTIONS]

Options:
  --id ID                Host name
  --name NAME            print help
  -h, --help

```

10.27.3. hammer host delete-parameter

Delete parameter for a host.

```

Usage:
  hammer host delete-parameter [OPTIONS]

Options:
  --host HOST_NAME      Host name
  --host-id HOST_ID
  --name NAME           parameter name
  -h, --help           print help

```

10.27.4. hammer host errata

Manage errata on your hosts

```

Usage:
  hammer host errata [OPTIONS] SUBCOMMAND [ARG] ...

```

```

Parameters:
  SUBCOMMAND                subcommand
  [ARG] ...                 subcommand arguments

Subcommands:
  apply                     Schedule errata for installation
  info                     Retrieve a single errata for a host
  list                     List errata available for the content host

Options:
  -h, --help                print help

```

10.27.4.1. hammer host errata apply

Schedule errata for installation

```

Usage:
  hammer host errata apply [OPTIONS]

Options:
  --async                  Do not wait for the task
  --errata-ids ERRATA_IDS List of Errata ids to install
                          Comma separated list of values. Values
                          containing comma should be quoted or escaped with backslash
  --host HOST_NAME        Host name
  --host-id HOST_ID
  -h, --help              print help

```

10.27.4.2. hammer host errata info

Retrieve a single errata for a host

```

Usage:
  hammer host errata info [OPTIONS]

Options:
  --host HOST_NAME        Host name
  --host-id HOST_ID
  --id ID                 Errata id of the erratum (RHSA-2012:108)
  --name NAME             Name to search by
  -h, --help              print help

```

10.27.4.3. hammer host errata list

List errata available for the content host

```

Usage:
  hammer host errata list [OPTIONS]

Options:
  --by BY                  Field to sort the results on
  --content-view CONTENT_VIEW_NAME Content view name to search by
  --content-view-id CONTENT_VIEW_ID content view numeric identifier

```

```

--environment ENVIRONMENT_NAME      Environment name
--environment-id ENVIRONMENT_ID
--full-result FULL_RESULT            Whether or not to show all results
                                      One of true/false, yes/no, 1/0.
--host HOST_NAME                     Host name
--host-id HOST_ID
--order ORDER                        Sort field and order, eg. 'name DESC'
--page PAGE                          Page number, starting at 1
--per-page PER_PAGE                  Number of results per page to return
--search SEARCH                      Search string
-h, --help                          print help

```

10.27.5. hammer host facts

List all fact values

```

Usage:
    hammer host facts [OPTIONS]

Options:
  --id ID                Host name
  --name NAME            sort results
  --order ORDER          paginate results
  --page PAGE            number of entries per request
  --per-page PER_PAGE    filter results
  --search SEARCH        print help
  -h, --help

```

10.27.6. hammer host info

Show a host

```

Usage:
    hammer host info [OPTIONS]

Options:
  --id ID                Host name
  --name NAME            Host name
  --show-hidden-parameters SHOW_HIDDEN_PARAMETERS Display hidden parameter
values
  --full-result FULL_RESULT Whether or not to show all results
                                      One of true/false,
yes/no, 1/0.
  -h, --help            print help

```

10.27.7. hammer host interface

View and manage host's network interfaces

```

Usage:
    hammer host interface [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND            subcommand

```

[ARG] ... subcommand arguments

Subcommands:

create	Create an interface on a host
delete	Delete a host's interface
info	Show an interface for host
list	List all interfaces for host
update	Update a host's interface

Options:

-h, --help	print help
------------	------------

10.27.7.1. hammer host interface create

Create an interface on a host

Usage:

```
hammer host interface create [OPTIONS]
```

Options:

--attached-devices ATTACHED_DEVICES	Identifiers of attached interfaces, e.g. <code>`['eth1', 'eth2']`</code> . For bond interfaces those are the slaves. Only for bond and bridges interfaces.
	Comma separated list of values.
Values containing comma should be quoted or escaped with backslash	
--attached-to ATTACHED_TO	Identifier of the interface to which this interface belongs, e.g. <code>eth1</code> .
--bond-options BOND_OPTIONS	Only for virtual interfaces. Space separated options, e.g. <code>miimon=100</code> . Only for bond interfaces.
--compute-attributes COMPUTE_ATTRS	Compute resource specific attributes. Comma-separated list of <code>key=value</code> .
--domain DOMAIN_NAME	Domain name
--domain-id DOMAIN_ID	Numerical ID or domain name
--host HOST_NAME	Host name
--host-id HOST_ID	
--identifier IDENTIFIER	Device identifier, e.g. <code>eth0</code> or <code>eth1.1</code>
--ip IP	IPv4 address of interface
--ip6 IP6	IPv6 address of interface
--mac MAC	MAC address of interface. Required for managed interfaces on bare metal.
--managed MANAGED	Should this interface be managed via DHCP and DNS capsule and should it be configured during provisioning?
	One of <code>true/false</code> , <code>yes/no</code> , <code>1/0</code> .
--mode MODE	Bond mode of the interface, e.g. <code>balance-rr</code> . Only for bond interfaces.
	Possible value(s): <code>'balance-rr'</code> , <code>'active-backup'</code> , <code>'balance-xor'</code> , <code>'broadcast'</code> , <code>'802.3ad'</code> , <code>'balance-tlb'</code> , <code>'balance-alb'</code>
--name NAME	Interface's DNS name
--password PASSWORD	Only for BMC interfaces.

```

--primary                Should this interface be used for
constructing the FQDN of the host? Each managed hosts needs to have one
primary interface.
--provider PROVIDER      Interface provider, e.g. IPMI. Only
for BMC interfaces.
                          Possible value(s): 'IPMI', 'SSH'
--provision              Should this interface be used for
TFTP of PXELinux (or SSH for image-based hosts)? Each managed hosts needs
to have one provision interface.
--subnet SUBNET_NAME      Subnet name
--subnet-id SUBNET_ID
--subnet6-id SUBNET6_ID   Satellite subnet ID of IPv6
interface
--tag TAG                VLAN tag, this attribute has
precedence over the subnet VLAN ID. Only for
virtual interfaces.
--type TYPE              Interface type, e.g. bmc. Default is
interface
                          Possible value(s): 'interface',
'bmc', 'bond', 'bridge'
--username USERNAME      Only for BMC interfaces.
--virtual VIRTUAL        Alias or VLAN device
                          One of true/false, yes/no, 1/0.
-h, --help               print help

```

10.27.7.2. hammer host interface delete

Delete a host's interface

```

Usage:
    hammer host interface delete [OPTIONS]

Options:
  --host HOST_NAME      Host name
  --host-id HOST_ID     ID of interface
  --id ID               ID of interface
  -h, --help            print help

```

10.27.7.3. hammer host interface info

Show an interface for host

```

Usage:
    hammer host interface info [OPTIONS]

Options:
  --host HOST_NAME      Host name
  --host-id HOST_ID     ID or name of interface
  --id ID               ID or name of interface
  -h, --help            print help

```

10.27.7.4. hammer host interface list

List all interfaces for host

Usage:

```
hammer host interface list [OPTIONS]
```

Options:

```
--domain DOMAIN_NAME      Domain name
--domain-id DOMAIN_ID      Numerical ID or domain name
--host HOST_NAME           Host name
--host-id HOST_ID
--page PAGE                paginate results
--per-page PER_PAGE        number of entries per request
--subnet SUBNET_NAME       Subnet name
--subnet-id SUBNET_ID
-h, --help                 print help
```

10.27.7.5. hammer host interface update

Update a host's interface

Usage:

```
hammer host interface update [OPTIONS]
```

Options:

```
--attached-devices ATTACHED_DEVICES Identifiers of attached interfaces,
e.g. '['eth1',                                'eth2']'. For bond interfaces those
are the slaves. Only for bond                and bridges interfaces.
                                           Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--attached-to ATTACHED_TO      Identifier of the interface to which
this interface belongs, e.g. eth1.
--bond-options BOND_OPTIONS    Only for virtual interfaces.
                               Space separated options, e.g.
miimon=100. Only for bond interfaces.
--compute-attributes COMPUTE_ATTRS Compute resource specific attributes.
                               Comma-separated list of key=value.
--domain DOMAIN_NAME          Domain name
--domain-id DOMAIN_ID          Numerical ID or domain name
--host HOST_NAME               Host name
--host-id HOST_ID
--id ID                        ID of interface
--identifier IDENTIFIER        Device identifier, e.g. eth0 or
eth1.1
--ip IP                        IPv4 address of interface
--ip6 IP6                      IPv6 address of interface
--mac MAC                      MAC address of interface. Required
for managed interfaces on bare metal.
--managed MANAGED              Should this interface be managed via
DHCP and DNS capsule and should it be
                               configured during provisioning?
                               One of true/false, yes/no, 1/0.
--mode MODE                    Bond mode of the interface, e.g.
balance-rr. Only for bond interfaces.
                               Possible value(s): 'balance-rr',
'active-backup', 'balance-xor', 'broadcast', '802.3ad', 'balance-tlb',
```

```

'balance-alb'
--name NAME                      Interface's DNS name
--password PASSWORD              Only for BMC interfaces.
--primary                        Should this interface be used for
constructing the FQDN of the host? Each managed hosts needs to have one
primary interface.
--provider PROVIDER              Interface provider, e.g. IPMI. Only
for BMC interfaces.

--provision                      Possible value(s): 'IPMI', 'SSH'
Should this interface be used for
TFTP of PXELinux (or SSH for image-based hosts)? Each managed hosts needs
to have one provision interface.
--subnet SUBNET_NAME             Subnet name
--subnet-id SUBNET_ID
--subnet6-id SUBNET6_ID          Satellite subnet ID of IPv6
interface
--tag TAG                        VLAN tag, this attribute has
precedence over the subnet VLAN ID. Only for
virtual interfaces.
--type TYPE                      Interface type, e.g. bmc. Default is
interface
Possible value(s): 'interface',
'bmc', 'bond', 'bridge'
--username USERNAME              Only for BMC interfaces.
--virtual VIRTUAL                Alias or VLAN device
One of true/false, yes/no, 1/0.
-h, --help                      print help

```

10.27.8. hammer host list

List all hosts

```

Usage:
    hammer host list [OPTIONS]

Options:
--environment ENVIRONMENT_NAME      Environment name
--environment-id ENVIRONMENT_ID
--hostgroup HOSTGROUP_NAME           Hostgroup name
--hostgroup-id HOSTGROUP_ID
--hostgroup-title HOSTGROUP_TITLE    Hostgroup title
--location LOCATION_NAME             Location name
--location-id LOCATION_ID
--location-title LOCATION_TITLE      Location title
--order ORDER                        sort results
--organization ORGANIZATION_NAME     Organization name
--organization-id ORGANIZATION_ID    organization ID
--organization-title ORGANIZATION_TITLE Organization title
--page PAGE                          paginate results
--per-page PER_PAGE                  number of entries per request
--search SEARCH                      filter results
-h, --help                          print help

```

10.27.9. hammer host package

Manage packages on your hosts

```
Usage:
  hammer host package [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND                subcommand
  [ARG] ...                 subcommand arguments

Subcommands:
  install                   Install packages remotely
  list                     List packages installed on the host
  remove                   Uninstall packages remotely
  upgrade                  Update packages remotely
  upgrade-all              Update packages remotely

Options:
  -h, --help               print help
```

10.27.9.1. hammer host package install

Install packages remotely

```
Usage:
  hammer host package install [OPTIONS]

Options:
  --async                  Do not wait for the task
  --host HOST_NAME         Host name
  --host-id HOST_ID
  --packages PACKAGES     List of package names
                          Comma separated list of values. Values
containing comma should be quoted or escaped with backslash
  -h, --help              print help
```

10.27.9.2. hammer host package list

List packages installed on the host

```
Usage:
  hammer host package list [OPTIONS]

Options:
  --by BY                  Field to sort the results on
  --full-result FULL_RESULT Whether or not to show all results
                          One of true/false, yes/no, 1/0.
  --host HOST_NAME         Host name
  --host-id HOST_ID
  --order ORDER            Sort field and order, eg. 'name DESC'
  --page PAGE              Page number, starting at 1
  --per-page PER_PAGE      Number of results per page to return
  --search SEARCH          Search string
  -h, --help              print help
```


10.27.9.3. hammer host package remove

Uninstall packages remotely

```
Usage:
    hammer host package remove [OPTIONS]

Options:
  --async                Do not wait for the task
  --host HOST_NAME       Host name
  --host-id HOST_ID
  --packages PACKAGES    List of package names
                        Comma separated list of values. Values
                        containing comma should be quoted or escaped with backslash
  -h, --help            print help
```

10.27.9.4. hammer host package upgrade

Update packages remotely

```
Usage:
    hammer host package upgrade [OPTIONS]

Options:
  --async                Do not wait for the task
  --host HOST_NAME       Host name
  --host-id HOST_ID
  --packages PACKAGES    list of packages names
                        Comma separated list of values. Values
                        containing comma should be quoted or escaped with backslash
  -h, --help            print help
```

10.27.9.5. hammer host package upgrade-all

Update packages remotely

```
Usage:
    hammer host package upgrade-all [OPTIONS]

Options:
  --async                Do not wait for the task
  --host HOST_NAME       Host name
  --host-id HOST_ID
  -h, --help            print help
```

10.27.10. hammer host package-group

Manage package-groups on your hosts

```
Usage:
    hammer host package-group [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
```

SUBCOMMAND	subcommand
[ARG] ...	subcommand arguments
Subcommands:	
install	Install packages remotely
remove	Uninstall packages remotely
Options:	
-h, --help	print help

10.27.10.1. hammer host package-group install

Install packages remotely

```
Usage:
  hammer host package-group install [OPTIONS]

Options:
  --async                Do not wait for the task
  --groups GROUPS        List of package group names
                        Comma separated list of values. Values
                        containing comma should be quoted or escaped with backslash
  --host HOST_NAME       Host name
  --host-id HOST_ID
  -h, --help             print help
```

10.27.10.2. hammer host package-group remove

Uninstall packages remotely

```
Usage:
  hammer host package-group remove [OPTIONS]

Options:
  --async                Do not wait for the task
  --groups GROUPS        List of package group names
                        Comma separated list of values. Values
                        containing comma should be quoted or escaped with backslash
  --host HOST_NAME       Host name
  --host-id HOST_ID
  -h, --help             print help
```

10.27.11. hammer host puppet-classes

List all Puppet classes

```
Usage:
  hammer host puppet-classes [OPTIONS]

Options:
  --host HOST_NAME       Host name
  --host-id HOST_ID
  --order ORDER          sort results
  --page PAGE            paginate results
```

```
--per-page PER_PAGE      number of entries per request
--search SEARCH          filter results
-h, --help               print help
```

10.27.12. hammer host puppetrun

Force a Puppet agent run on the host

```
Usage:
    hammer host puppetrun [OPTIONS]

Options:
  --id ID                Host name
  --name NAME            print help
-h, --help
```

10.27.13. hammer host reboot

Reboot a host

```
Usage:
    hammer host reboot [OPTIONS]

Options:
  --id ID                Host name
  --name NAME            print help
-h, --help
```

10.27.14. hammer host rebuild-config

Rebuild orchestration related configurations for host

```
Usage:
    hammer host rebuild-config [OPTIONS]

Options:
  --id ID                Host name
  --name NAME            Limit rebuild steps, valid steps are DHCP,
  --only ONLY            DNS, TFTP
                        Comma separated list of values. Values
                        containing comma should be quoted or escaped with backslash
-h, --help              print help
```

10.27.15. hammer host reports

List all reports

```
Usage:
    hammer host reports [OPTIONS]

Options:
```

<code>--id ID</code>	Host id
<code>--name NAME</code>	Host name
<code>--order ORDER</code>	sort results
<code>--page PAGE</code>	paginate results
<code>--per-page PER_PAGE</code>	number of entries per request
<code>--search SEARCH</code>	filter results
<code>-h, --help</code>	print help

10.27.16. hammer host sc-params

List all smart class parameters

```
Usage:
  hammer host sc-params [OPTIONS]

Options:
  --host HOST_NAME           Host name
  --host-id HOST_ID
  --order ORDER              sort results
  --page PAGE               paginate results
  --per-page PER_PAGE       number of entries per request
  --search SEARCH           filter results
  --show-hidden SHOW_HIDDEN Display hidden values
                          One of true/false, yes/no, 1/0.
  -h, --help               print help
```

10.27.17. hammer host set-parameter

Create or update parameter for a host.

```
Usage:
  hammer host set-parameter [OPTIONS]

Options:
  --hidden-value HIDDEN_VALUE should the value be hidden
                          One of true/false, yes/no, 1/0.
  --host HOST_NAME           Host name
  --host-id HOST_ID
  --name NAME                parameter name
  --value VALUE              parameter value
  -h, --help               print help
```

10.27.18. hammer host smart-variables

List all smart variables

```
Usage:
  hammer host smart-variables [OPTIONS]

Options:
  --host HOST_NAME           Host name
  --host-id HOST_ID
  --order ORDER              sort results
```

```

--page PAGE           paginate results
--per-page PER_PAGE   number of entries per request
--search SEARCH        filter results
--show-hidden SHOW_HIDDEN
                        Display hidden values
                        One of true/false, yes/no, 1/0.
-h, --help            print help

```

10.27.19. hammer host start

Power a host on

```

Usage:
    hammer host start [OPTIONS]

Options:
  --id ID                Host name
  --name NAME            print help
-h, --help

```

10.27.20. hammer host status

Get configuration status of host

```

Usage:
    hammer host status [OPTIONS]

Options:
  --id ID                Host name
  --name NAME            print help
-h, --help

```

10.27.21. hammer host stop

Power a host off

```

Usage:
    hammer host stop [OPTIONS]

Options:
  --force                Force turning off a host
  --id ID
  --name NAME            Host name
-h, --help            print help

```

10.27.22. hammer host subscription

Manage subscription information on your hosts

```

Usage:
    hammer host subscription [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:

```

SUBCOMMAND	subcommand
[ARG] ...	subcommand arguments
Subcommands:	
attach	Add a subscription to a host
auto-attach	Trigger an auto-attach of subscriptions
content-override	Override product content defaults
product-content	List associated products
register	Register a host with subscription and
information.	
remove	
unregister	Unregister the host as a subscription
consumer	
Options:	
-h, --help	print help

10.27.22.1. hammer host subscription attach

Add a subscription to a host

```
Usage:
  hammer host subscription attach [OPTIONS]

Options:
  --host HOST_NAME           Host name
  --host-id HOST_ID
  --quantity Quantity       Quantity of this subscriptions to add.
Defaults to 1
  --subscription-id SUBSCRIPTION_ID ID of subscription
  -h, --help                print help
```

10.27.22.2. hammer host subscription auto-attach

Trigger an auto-attach of subscriptions

```
Usage:
  hammer host subscription auto-attach [OPTIONS]

Options:
  --host HOST_NAME           Host name
  --host-id HOST_ID
  -h, --help                print help
```

10.27.22.3. hammer host subscription content-override

Override product content defaults

```
Usage:
  hammer host subscription content-override [OPTIONS]

Options:
  --content-label CONTENT_LABEL Label of the content
  --host HOST_NAME           Host name
```

```

--host-id HOST_ID
--override-name OVERRIDE_NAME Override parameter key or name.
                                To enable or disable a repo select
'enabled'.
                                Default value: enabled
                                Default: "enabled"
--remove                        Remove a content override
--value VALUE                   Override value. Note for repo enablement
you can use a boolean value
-h, --help                      print help

```

10.27.22.4. hammer host subscription product-content

List associated products

```

Usage:
    hammer host subscription product-content [OPTIONS]

Options:
  --content-access-mode-all CONTENT_ACCESS_MODE_ALL Get all content
available, not just that provided by subscriptions
                                                    One of true/false,
yes/no, 1/0.
  --content-access-mode-env CONTENT_ACCESS_MODE_ENV Limit content to just
that available in the host's content view version
                                                    One of true/false,
yes/no, 1/0.
  --host HOST_NAME                    Host name
  --host-id HOST_ID
  -h, --help                          print help

```

10.27.22.5. hammer host subscription register

Register a host with subscription and information.

```

Usage:
    hammer host subscription register [OPTIONS]

Options:
  --content-view CONTENT_VIEW_NAME          Content view name to
search by
  --content-view-id CONTENT_VIEW_ID          content view numeric
identifier
  --hypervisor-guest-uuids HYPERVISOR_GUEST_UUIDS  UUIDs of the virtual
guests from the host's hypervisor
                                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --lifecycle-environment LIFECYCLE_ENVIRONMENT_NAME Lifecycle environment
name to search by
  --lifecycle-environment-id LIFECYCLE_ENVIRONMENT_ID ID of the environment
  --name NAME                                Name of the host
  --organization ORGANIZATION_NAME          Organization name to
search by

```

<code>--organization-id ORGANIZATION_ID</code>	Organization ID to search by
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>--release-version RELEASE_VERSION</code>	Release version of the content host
<code>--service-level SERVICE_LEVEL</code>	A service level for auto-healing process, e.g. SELF-SUPPORT
<code>--uuid UUID</code>	UUID to use for registered host, random uuid is generated if not provided
<code>-h, --help</code>	print help

10.27.22.6. hammer host subscription remove

Usage:

```
hammer host subscription remove [OPTIONS]
```

Options:

<code>--host HOST_NAME</code>	Host name
<code>--host-id HOST_ID</code>	
<code>--quantity Quantity</code>	Remove the first instance of a subscription with matching id and quantity
<code>--subscription-id SUBSCRIPTION_ID</code>	ID of subscription
<code>-h, --help</code>	print help

10.27.22.7. hammer host subscription unregister

Unregister the host as a subscription consumer

Usage:

```
hammer host subscription unregister [OPTIONS]
```

Options:

<code>--host HOST_NAME</code>	Host name
<code>--host-id HOST_ID</code>	
<code>-h, --help</code>	print help

10.27.23. hammer host update

Update a host

Usage:

```
hammer host update [OPTIONS]
```

Options:

<code>--architecture ARCHITECTURE_NAME</code>	Architecture name
<code>--architecture-id ARCHITECTURE_ID</code>	
<code>--ask-root-password ASK_ROOT_PW</code>	One of true/false, yes/no, 1/0.
<code>--autoheal AUTOHEAL</code>	Sets whether the Host will autoheal subscriptions upon checkin
	One of true/false, yes/no, 1/0.

--build BUILD	One of true/false, yes/no, 1/0.
--comment COMMENT	Additional information about this host
--compute-attributes COMPUTE_ATTRS	Compute resource attributes.
	Comma-separated
list of key=value.	
--compute-profile COMPUTE_PROFILE_NAME	Name to search by
--compute-profile-id COMPUTE_PROFILE_ID	
--compute-resource COMPUTE_RESOURCE_NAME	Compute resource name
--compute-resource-id COMPUTE_RESOURCE_ID	
--config-group-ids CONFIG_GROUP_IDS	IDs of associated config groups
	Comma separated
list of values. Values containing comma should be quoted or escaped with backslash	
--config-groups CONFIG_GROUP_NAMES	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
--content-source-id CONTENT_SOURCE_ID	
--content-view CONTENT_VIEW_NAME	Name to search by
--content-view-id CONTENT_VIEW_ID	content view numeric identifier
--domain DOMAIN_NAME	Domain name
--domain-id DOMAIN_ID	Numerical ID or domain name
--enabled ENABLED	One of true/false, yes/no, 1/0.
--environment ENVIRONMENT_NAME	Environment name
--environment-id ENVIRONMENT_ID	
--hostgroup HOSTGROUP_NAME	Hostgroup name
--hostgroup-id HOSTGROUP_ID	
--hostgroup-title HOSTGROUP_TITLE	Hostgroup title
--hypervisor-guest-uuids HYPERVERSOR_GUEST_UUIDS	List of hypervisor guest uuids
	Comma separated
list of values. Values containing comma should be quoted or escaped with backslash	
--id ID	
--image IMAGE_NAME	Name to search by
--image-id IMAGE_ID	
--interface INTERFACE	Interface
parameters.	Comma-separated
list of key=value.	
multiple times.	Can be specified
--ip IP	not required if using a subnet with DHCP Capsule
--kickstart-repository-id KICKSTART_REPOSITORY_ID	Repository Id associated with the kickstart repo used for provisioning
--lifecycle-environment LIFECYCLE_ENVIRONMENT_NAME	Name to search by
--lifecycle-environment-id LIFECYCLE_ENVIRONMENT_ID	ID of the environment
--location LOCATION_NAME	Location name
--location-id LOCATION_ID	

```

--location-title LOCATION_TITLE      Location title
--mac MAC                             required for
managed host that is bare metal, not required if it's a
virtual machine
--managed MANAGED                     One of true/false,
yes/no, 1/0.
--medium MEDIUM_NAME                 Medium name
--medium-id MEDIUM_ID
--model MODEL_NAME                     Model name
--model-id MODEL_ID
--name NAME                           Host name
--new-name NEW_NAME
--openscap-proxy-id OPENSAP_PROXY_ID  ID of OpenSCAP
Capsule
--operatingsystem OPERATINGSYSTEM_TITLE  Operating system
title
--operatingsystem-id OPERATINGSYSTEM_ID
--organization ORGANIZATION_NAME         Organization name
--organization-id ORGANIZATION_ID         organization ID
--organization-title ORGANIZATION_TITLE   Organization title
--overwrite OVERWRITE                     One of true/false,
yes/no, 1/0.
--owner OWNER_LOGIN                       Login of the owner
--owner-id OWNER_ID                       ID of the owner
--owner-type OWNER_TYPE                   Host's owner type
Possible value(s):
'User', 'Usergroup'
--parameters PARAMS                       Host parameters.
Comma-separated
list of key=value.
--partition-table PARTITION_TABLE_NAME    Partition table name
--partition-table-id PARTITION_TABLE_ID
--progress-report-id PROGRESS_REPORT_ID    UUID to track
orchestration tasks status, GET

/api/orchestration/:UUID/tasks
--provision-method METHOD                   Possible value(s):
'build', 'image'
--puppet-ca-proxy PUPPET_CA_PROXY_NAME
--puppet-ca-proxy-id PUPPET_CA_PROXY_ID    Puppet CA Capsule ID
--puppet-class-ids PUPPET_CLASS_IDS        Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--puppet-classes PUPPET_CLASS_NAMES        Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--puppet-proxy PUPPET_PROXY_NAME
--puppet-proxy-id PUPPET_PROXY_ID          Puppet Capsule ID
--pxe-loader PXE_LOADER                   DHCP filename option
(Grub2/PXELinux by default)
Possible value(s):
'None', 'PXELinux BIOS', 'PXELinux UEFI', 'Grub UEFI', 'Grub UEFI
SecureBoot', 'Grub2 UEFI', 'Grub2 UEFI SecureBoot'
--realm REALM_NAME                       Name to search by
--realm-id REALM_ID                       Numerical ID or
realm name

```

```

--release-version RELEASE_VERSION          Release version for
this Host to use (7Server, 7.1, etc)
--root-password, --root-pass ROOT_PW       Required if host is
managed and value is not inherited from host group or default password in
settings (--root-pass is deprecated: Use --root-password instead)
--service-level SERVICE_LEVEL             Service level to be
used for autoheal.
--subnet SUBNET_NAME                      Subnet name
--subnet-id SUBNET_ID
--volume VOLUME                          Volume parameters
Comma-separated

list of key=value.

multiple times.

-h, --help                                print help

```

Available keys for --interface:

```

mac
ip
type                Possible values: interface, bmc, bond, bridge
name
subnet_id
domain_id
identifier
managed             true/false
primary             true/false, each managed hosts needs to have one
primary interface.
provision           true/false
virtual             true/false

```

For virtual=true:

```

tag                VLAN tag, this attribute has precedence over the
subnet VLAN ID. Only for virtual interfaces.
attached_to        Identifier of the interface to which this
interface belongs, e.g. eth1.

```

For type=bond:

```

mode                Possible values: balance-rr, active-backup,
balance-xor, broadcast, 802.3ad, balance-tlb, balance-alb
attached_devices    Identifiers of slave interfaces, e.g. [eth1,eth2]
bond_options

```

For type=bmc:

```

provider            always IPMI
username
password

```

Provider specific options:

EC2:

```

--compute-attributes:
  flavor_id
  image_id
  availability_zone
  security_group_ids
  managed_ip

```

GCE:

```
--compute-attributes:
  machine_type
  image_id
  network
  external_ip
```

Libvirt:

```
--compute-attributes:
  cpus          Number of CPUs
  memory        String, amount of memory, value in bytes
  start         Boolean (expressed as 0 or 1), whether to start
```

the machine or not

```
--interface:
  compute_type          Possible values: bridge, network
  compute_network / compute_bridge  Name of interface according to
```

type

```
  compute_model          Possible values: virtio, rtl8139,
ne2k_pci, pcnet, e1000
```

```
--volume:
  pool_name          One of available storage pools
  capacity           String value, eg. 10G
  format_type        Possible values: raw, qcow2
```

OpenStack:

```
--compute-attributes:
  flavor_ref
  image_ref
  tenant_id
  security_groups
  network
```

oVirt:

```
--compute-attributes:
  cluster
  template          Hardware profile to use
  cores             Integer value, number of cores
  memory            Amount of memory, integer value in bytes
  start             Boolean (expressed as 0 or 1), whether to start
```

the machine or not

```
--interface:
  compute_name        Eg. eth0
  compute_network      Select one of available networks for a cluster
```

```
--volume:
  size_gb           Volume size in GB, integer value
  storage_domain     Select one of available storage domains
  bootable          Boolean, only one volume can be bootable
```

Rackspace:

```
--compute-attributes:
  flavor_id
  image_id
```

```

VMware:
  --compute-attributes:
    cpus                Cpu count
    corespersocket      Number of cores per socket (applicable to
hardware versions < 10 only)
    memory_mb           Integer number, amount of memory in MB
    cluster             Cluster id from VMware
    path               Path to folder
    guest_id            Guest OS id form VMware
    scsi_controller_type Id of the controller from VMware
    hardware_version    Hardware version id from VMware
    start              Must be a 1 or 0, whether to start the
machine or not

  --interface:
    compute_type        Type of the network adapter, for example one of:
                        VirtualVmxnet,
                        VirtualVmxnet2,
                        VirtualVmxnet3,
                        VirtualE1000,
                        VirtualE1000e,
                        VirtualPCNet32
                        See documentation center for your version of
vSphere to find more details about available adapter types:
                        https://www.vmware.com/support/pubs/
    compute_network     Network id from VMware

  --volume:
    name
    datastore           Datastore id from VMware
    size_gb             Integer number, volume size in GB
    thin               true/false
    eager_zero          true/false

```

10.28. HAMMER HOST-COLLECTION

Manipulate host collections

```

Usage:
  hammer host-collection [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:
  add-host            Add host to the host collection
  copy               Copy a host collection
  create             Create a host collection
  delete            Destroy a host collection
  erratum           Manipulate errata for a host collection
  hosts            List all hosts
  info            Show a host collection
  list           List host collections

```

```

package                Manipulate packages for a host collection
package-group          Manipulate package-groups for a host
collection
  remove-host          Remove hosts from the host collection
  update               Update a host collection

Options:
  -h, --help           print help

```

10.28.1. hammer host-collection add-host

Add host to the host collection

```

Usage:
  hammer host-collection add-host [OPTIONS]

Options:
  --host-ids HOST_IDS      Array of host ids
                          Comma separated list of values.
                          Values containing comma should be quoted or escaped with backslash
  --hosts HOST_NAMES      Comma separated list of values.
                          Values containing comma should be quoted or escaped with backslash
  --id ID                 Id of the host collection
  --name NAME             Host collection name to search
by
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  -h, --help             print help

```

10.28.2. hammer host-collection copy

Copy a host collection

```

Usage:
  hammer host-collection copy [OPTIONS]

Options:
  --id ID                 ID of the host collection
  --name NAME             Host collection name to search
by
  --new-name NEW_NAME     New host collection name
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  -h, --help             print help

```

10.28.3. hammer host-collection create

Create a host collection

```

Usage:
  hammer host-collection create [OPTIONS]

```

```
Options:
  --description DESCRIPTION
  --host-ids HOST_IDS           List of host ids to replace the
hosts in host collection      Comma separated list of values.
                               or escaped with backslash
Values containing comma should be quoted
  --hosts HOST_NAMES           Comma separated list of values.
                               or escaped with backslash
Values containing comma should be quoted
  --max-hosts MAX_HOSTS       Maximum number of hosts in the
host collection
  --name NAME                  Host Collection name
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  --unlimited-hosts UNLIMITED_HOSTS Whether or not the host
collection may have unlimited hosts
  -h, --help                  One of true/false, yes/no, 1/0.
                               print help
```

10.28.4. hammer host-collection delete

Destroy a host collection

```
Usage:
  hammer host-collection delete [OPTIONS]

Options:
  --id ID                      Id of the host collection
  --name NAME                  Host collection name to search
by
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  -h, --help                  print help
```

10.28.5. hammer host-collection erratum

Manipulate errata for a host collection

```
Usage:
  hammer host-collection erratum [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND                  subcommand
  [ARG] ...                  subcommand arguments

Subcommands:
  install                    Install errata on content hosts contained
within a host collection

Options:
  -h, --help                print help
```

10.28.5.1. hammer host-collection erratum install

Install errata on content hosts contained within a host collection

Usage:

```
hammer host-collection erratum install [OPTIONS]
```

Options:

<code>--errata ERRATA</code>	List of Errata to install Comma separated list of values.
Values containing comma should be quoted or escaped with backslash	
<code>--id HOST_COLLECTION_ID</code>	Host Collection ID
<code>--name HOST_COLLECTION_NAME</code>	Host Collection Name
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	organization ID
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>-h, --help</code>	print help

10.28.6. hammer host-collection hosts

List all hosts

Usage:

```
hammer host-collection hosts [OPTIONS]
```

Options:

<code>--environment ENVIRONMENT_NAME</code>	Environment name
<code>--environment-id ENVIRONMENT_ID</code>	
<code>--hostgroup HOSTGROUP_NAME</code>	Hostgroup name
<code>--hostgroup-id HOSTGROUP_ID</code>	
<code>--hostgroup-title HOSTGROUP_TITLE</code>	Hostgroup title
<code>--id HOST_COLLECTION_ID</code>	Host Collection ID
<code>--include INCLUDE</code>	Array of extra information types to include
Comma separated list of values.	
Values containing comma should be quoted or escaped with backslash	
<code>--location LOCATION_NAME</code>	Location name
<code>--location-id LOCATION_ID</code>	
<code>--location-title LOCATION_TITLE</code>	Location title
<code>--name HOST_COLLECTION_NAME</code>	Host Collection Name
<code>--order ORDER</code>	sort results
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	organization ID
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>--page PAGE</code>	paginate results
<code>--per-page PER_PAGE</code>	number of entries per request
<code>--search SEARCH</code>	filter results
<code>--thin THIN</code>	Only list ID and name of hosts
	One of true/false, yes/no, 1/0.
<code>-h, --help</code>	print help

10.28.7. hammer host-collection info

Show a host collection

Usage:

```
hammer host-collection info [OPTIONS]
```

Options:

```
--id ID                Id of the host collection
--name NAME            Host collection name to search
by
--organization ORGANIZATION_NAME  Organization name to search by
--organization-id ORGANIZATION_ID  organization ID
--organization-label ORGANIZATION_LABEL  Organization label to search by
-h, --help            print help
```

10.28.8. hammer host-collection list

List host collections

Usage:

```
hammer host-collection list [OPTIONS]
```

Options:

```
--activation-key ACTIVATION_KEY_NAME  Activation key name to search by
--activation-key-id ACTIVATION_KEY_ID  ID of the activation key
--available-for AVAILABLE_FOR          Interpret specified object to
return only Host Collections that can be associated with specified
object. The value 'host' is supported.
--by BY                                Field to sort the results on
--full-result FULL_RESULT              Whether or not to show all
results
--host HOST_NAME                       One of true/false, yes/no, 1/0.
--host-id HOST_ID                      Host name
--name NAME                            host collection name to filter
by
--order ORDER                          Sort field and order, eg. 'name
DESC'
--organization ORGANIZATION_NAME      Organization name to search by
--organization-id ORGANIZATION_ID      organization ID
--organization-label ORGANIZATION_LABEL  Organization label to search by
--page PAGE                            Page number, starting at 1
--per-page PER_PAGE                    Number of results per page to
return
--search SEARCH                        Search string
-h, --help                            print help
```

10.28.9. hammer host-collection package

Manipulate packages for a host collection

Usage:

```
hammer host-collection package [OPTIONS] SUBCOMMAND [ARG] ...
```

Parameters:

```
SUBCOMMAND                subcommand
```

[ARG] ... subcommand arguments

Subcommands:

install	Install packages on content hosts contained within a host collection
remove	Remove packages on content hosts contained within a host collection
update	Update packages on content hosts contained within a host collection

Options:

-h, --help	print help
------------	------------

10.28.9.1. hammer host-collection package install

Install packages on content hosts contained within a host collection

Usage:

```
hammer host-collection package install [OPTIONS]
```

Options:

--id HOST_COLLECTION_ID	Host Collection ID
--name HOST_COLLECTION_NAME	Host Collection Name
--organization ORGANIZATION_NAME	Organization name to search by
--organization-id ORGANIZATION_ID	organization ID
--organization-label ORGANIZATION_LABEL	Organization label to search by
--packages PACKAGES	comma-separated list of packages to install
	Comma separated list of values.
Values containing comma should be quoted	or escaped with backslash
-h, --help	print help

10.28.9.2. hammer host-collection package remove

Remove packages on content hosts contained within a host collection

Usage:

```
hammer host-collection package remove [OPTIONS]
```

Options:

--id HOST_COLLECTION_ID	Host Collection ID
--name HOST_COLLECTION_NAME	Host Collection Name
--organization ORGANIZATION_NAME	Organization name to search by
--organization-id ORGANIZATION_ID	organization ID
--organization-label ORGANIZATION_LABEL	Organization label to search by
--packages PACKAGES	comma-separated list of packages to install
	Comma separated list of values.
Values containing comma should be quoted	or escaped with backslash
-h, --help	print help

10.28.9.3. hammer host-collection package update

Update packages on content hosts contained within a host collection

```

Usage:
    hammer host-collection package update [OPTIONS]

Options:
  --id HOST_COLLECTION_ID           Host Collection ID
  --name HOST_COLLECTION_NAME       Host Collection Name
  --organization ORGANIZATION_NAME  Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  --packages PACKAGES               comma-separated list of packages
to install                          Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  -h, --help                        print help

```

10.28.10. hammer host-collection package-group

Manipulate package-groups for a host collection

```

Usage:
    hammer host-collection package-group [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:
  install             Install package-groups on content hosts
contained within a host collection
  remove             Remove package-groups on content hosts
contained within a host collection
  update             Update package-groups on content hosts
contained within a host collection

Options:
  -h, --help          print help

```

10.28.10.1. hammer host-collection package-group install

Install package-groups on content hosts contained within a host collection

```

Usage:
    hammer host-collection package-group install [OPTIONS]

Options:
  --id HOST_COLLECTION_ID           Host Collection ID
  --name HOST_COLLECTION_NAME       Host Collection Name
  --organization ORGANIZATION_NAME  Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  --package-groups PACKAGE-GROUPS  comma-separated list of package-
groups to install

```

Values containing comma should be quoted or escaped with backslash
 -h, --help Comma separated list of values.
 print help

10.28.10.2. hammer host-collection package-group remove

Remove package-groups on content hosts contained within a host collection

Usage:
 hammer host-collection package-group remove [OPTIONS]

Options:

--id HOST_COLLECTION_ID	Host Collection ID
--name HOST_COLLECTION_NAME	Host Collection Name
--organization ORGANIZATION_NAME	Organization name to search by
--organization-id ORGANIZATION_ID	organization ID
--organization-label ORGANIZATION_LABEL	Organization label to search by
--package-groups PACKAGE-GROUPS	comma-separated list of package-
groups to install	groups to install

Values containing comma should be quoted or escaped with backslash
 -h, --help Comma separated list of values.
 print help

10.28.10.3. hammer host-collection package-group update

Update package-groups on content hosts contained within a host collection

Usage:
 hammer host-collection package-group update [OPTIONS]

Options:

--id HOST_COLLECTION_ID	Host Collection ID
--name HOST_COLLECTION_NAME	Host Collection Name
--organization ORGANIZATION_NAME	Organization name to search by
--organization-id ORGANIZATION_ID	organization ID
--organization-label ORGANIZATION_LABEL	Organization label to search by
--package-groups PACKAGE-GROUPS	comma-separated list of package-
groups to install	groups to install

Values containing comma should be quoted or escaped with backslash
 -h, --help Comma separated list of values.
 print help

10.28.11. hammer host-collection remove-host

Remove hosts from the host collection

Usage:
 hammer host-collection remove-host [OPTIONS]

Options:

--host-ids HOST_IDS	Array of host ids
	Comma separated list of values.

Values containing comma should be quoted or escaped with backslash
 --hosts HOST_NAMES Comma separated list of values.

```

Values containing comma should be quoted or escaped with backslash
--id ID                                Id of the host collection
--name NAME                            Host collection name to search
by
--organization ORGANIZATION_NAME      Organization name to search by
--organization-id ORGANIZATION_ID      organization ID
--organization-label ORGANIZATION_LABEL Organization label to search by
-h, --help                            print help

```

10.28.12. hammer host-collection update

Update a host collection

```

Usage:
    hammer host-collection update [OPTIONS]

Options:
--description DESCRIPTION
--host-ids HOST_IDS                List of host ids to replace the
hosts in host collection
                                   Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--hosts HOST_NAMES                Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--id ID                            Id of the host collection
--max-hosts MAX_HOSTS             Maximum number of hosts in the
host collection
--name NAME                        Host collection name to search
by
--new-name NEW_NAME               Host Collection name
--organization ORGANIZATION_NAME  Organization name to search by
--organization-id ORGANIZATION_ID organization ID
--organization-label ORGANIZATION_LABEL Organization label to search by
--unlimited-hosts UNLIMITED_HOSTS Whether or not the host
collection may have unlimited hosts
                                   One of true/false, yes/no, 1/0.
-h, --help                        print help

```

10.29. HAMMER HOSTGROUP

Manipulate hostgroups.

```

Usage:
    hammer hostgroup [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND                subcommand
  [ARG] ...                 subcommand arguments

Subcommands:
  create                    Create a host group
  delete                    Delete a host group
  delete-parameter          Delete parameter for a hostgroup.
  info                      Show a host group

```

<code>list</code>	List all host groups
<code>puppet-classes</code>	List all Puppet classes
<code>sc-params</code>	List all smart class parameters
<code>set-parameter</code>	Create or update parameter for a
<code>hostgroup.</code>	
<code> smart-variables</code>	List all smart variables
<code> update</code>	Update a host group
Options:	
<code>-h, --help</code>	print help

10.29.1. hammer hostgroup create

Create a host group

```
Usage:
  hammer hostgroup create [OPTIONS]
```

Options:

<code>--architecture ARCHITECTURE_NAME</code>	Architecture name
<code>--architecture-id ARCHITECTURE_ID</code>	
<code>--ask-root-pass ASK_ROOT_PW</code>	One of true/false, yes/no, 1/0.
<code>--compute-profile COMPUTE_PROFILE_NAME</code>	Name to search by
<code>--compute-profile-id COMPUTE_PROFILE_ID</code>	
<code>--config-group-ids CONFIG_GROUP_IDS</code>	IDs of associated config groups
	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--config-groups CONFIG_GROUP_NAMES</code>	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--content-source-id CONTENT_SOURCE_ID</code>	Content source ID
<code>--content-view CONTENT_VIEW_NAME</code>	Name to search by
<code>--content-view-id CONTENT_VIEW_ID</code>	content view numeric identifier
<code>--domain DOMAIN_NAME</code>	Domain name
<code>--domain-id DOMAIN_ID</code>	Numerical ID or domain name
<code>--environment ENVIRONMENT_NAME</code>	Environment name
<code>--environment-id ENVIRONMENT_ID</code>	
<code>--group-parameters-attributes GROUP_PARAMETERS_ATTRIBUTES</code>	Array of parameters
	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--kickstart-repository-id KICKSTART_REPOSITORY_ID</code>	Kickstart repository ID
<code>--lifecycle-environment LIFECYCLE_ENVIRONMENT_NAME</code>	Name to search

```

by
  --lifecycle-environment-id LIFECYCLE_ENVIRONMENT_ID      ID of the
environment
  --location-ids LOCATION_IDS                                REPLACE
locations with given ids
                                                                Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
  --location-titles LOCATION_TITLES                          Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
  --locations LOCATION_NAMES                                  Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
  --medium MEDIUM_NAME                                       Medium name
  --medium-id MEDIUM_ID
  --name NAME                                                 Name of the
host group
  --openscap-proxy-id OPENSAP_PROXY_ID                        ID of OpenSCAP
Capsule
  --operatingsystem OPERATINGSYSTEM_TITLE                    Operating
system title
  --operatingsystem-id OPERATINGSYSTEM_ID
  --organization-ids ORGANIZATION_IDS                          REPLACE
organizations with given ids.
                                                                Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
  --organization-titles ORGANIZATION_TITLES                  Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
  --organizations ORGANIZATION_NAMES                          Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
  --parent PARENT_NAME                                         Name of
parent hostgroup
  --parent-id PARENT_ID                                         Parent ID of
the host group
  --partition-table PARTITION_TABLE_NAME                      Partition
table name
  --partition-table-id PARTITION_TABLE_ID
  --puppet-ca-proxy PUPPET_CA_PROXY_NAME                      Name of puppet
CA proxy
  --puppet-ca-proxy-id PUPPET_CA_PROXY_ID                      Puppet CA
Capsule ID
  --puppet-class-ids PUPPETCLASS_IDS                           List of
puppetclass ids
                                                                Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
  --puppet-classes PUPPET_CLASS_NAMES                          Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
  --puppet-proxy PUPPET_PROXY_NAME                             Name of puppet
proxy
  --puppet-proxy-id PUPPET_PROXY_ID                             Puppet Capsule

```

```

ID
  --pxe-loader PXE_LOADER                DHCP filename
option (Grub2/PXELinux by default)

Possible
value(s): 'None', 'PXELinux BIOS', 'PXELinux UEFI', 'Grub UEFI', 'Grub
UEFI SecureBoot', 'Grub2 UEFI', 'Grub2 UEFI SecureBoot'
  --query-organization ORGANIZATION_NAME  Organization
name to search by
  --query-organization-id ORGANIZATION_ID  Organization
ID to search by
  --query-organization-label ORGANIZATION_LABEL  Organization
label to search by
  --realm REALM_NAME                        Name to
search by
  --realm-id REALM_ID                      Numerical ID
or realm name
  --root-pass ROOT_PASSWORD                Root password
  --subnet SUBNET_NAME                    Subnet name
  --subnet-id SUBNET_ID
-h, --help                                print help

```

10.29.2. hammer hostgroup delete

Delete a host group

```

Usage:
  hammer hostgroup delete [OPTIONS]

Options:
  --id ID                                Hostgroup name
  --name NAME                            Hostgroup title
  --title TITLE                          Hostgroup title
-h, --help                                print help

```

10.29.3. hammer hostgroup delete-parameter

Delete parameter for a hostgroup.

```

Usage:
  hammer hostgroup delete-parameter [OPTIONS]

Options:
  --hostgroup HOSTGROUP_NAME            Hostgroup name
  --hostgroup-id HOSTGROUP_ID
  --hostgroup-title HOSTGROUP_TITLE    Hostgroup title
  --name NAME                          parameter name
-h, --help                            print help

```

10.29.4. hammer hostgroup info

Show a host group

```

Usage:

```



```
hammer hostgroup info [OPTIONS]
```

Options:

<code>--id ID</code>	
<code>--name NAME</code>	Hostgroup name
<code>--show-hidden-parameters SHOW_HIDDEN_PARAMETERS</code>	Display hidden parameter values
	One of true/false, yes/no, 1/0.
<code>--title TITLE</code>	Hostgroup title
<code>-h, --help</code>	print help

10.29.5. hammer hostgroup list

List all host groups

Usage:

```
hammer hostgroup list [OPTIONS]
```

Options:

<code>--location LOCATION_NAME</code>	Location name
<code>--location-id LOCATION_ID</code>	
<code>--location-title LOCATION_TITLE</code>	Location title
<code>--order ORDER</code>	sort results
<code>--organization ORGANIZATION_NAME</code>	Organization name
<code>--organization-id ORGANIZATION_ID</code>	organization ID
<code>--organization-title ORGANIZATION_TITLE</code>	Organization title
<code>--page PAGE</code>	paginate results
<code>--per-page PER_PAGE</code>	number of entries per request
<code>--puppet-class PUPPET_CLASS_NAME</code>	Puppet class name
<code>--puppet-class-id PUPPET_CLASS_ID</code>	ID of Puppet class
<code>--search SEARCH</code>	filter results
<code>-h, --help</code>	print help

10.29.6. hammer hostgroup puppet-classes

List all Puppet classes

Usage:

```
hammer hostgroup puppet-classes [OPTIONS]
```

Options:

<code>--hostgroup HOSTGROUP_NAME</code>	Hostgroup name
<code>--hostgroup-id HOSTGROUP_ID</code>	
<code>--hostgroup-title HOSTGROUP_TITLE</code>	Hostgroup title
<code>--order ORDER</code>	sort results
<code>--page PAGE</code>	paginate results
<code>--per-page PER_PAGE</code>	number of entries per request
<code>--search SEARCH</code>	filter results
<code>-h, --help</code>	print help

10.29.7. hammer hostgroup sc-params

List all smart class parameters

Usage:

```
hammer hostgroup sc-params [OPTIONS]
```

Options:

```
--hostgroup HOSTGROUP_NAME      Hostgroup name
--hostgroup-id HOSTGROUP_ID
--hostgroup-title HOSTGROUP_TITLE Hostgroup title
--order ORDER                    sort results
--page PAGE                      paginate results
--per-page PER_PAGE              number of entries per request
--search SEARCH                  filter results
--show-hidden SHOW_HIDDEN        Display hidden values
                                  One of true/false, yes/no, 1/0.
-h, --help                       print help
```

10.29.8. hammer hostgroup set-parameter

Create or update parameter for a hostgroup.

Usage:

```
hammer hostgroup set-parameter [OPTIONS]
```

Options:

```
--hidden-value HIDDEN_VALUE      should the value be hidden
                                  One of true/false, yes/no, 1/0.
--hostgroup HOSTGROUP_NAME        Hostgroup name
--hostgroup-id HOSTGROUP_ID
--hostgroup-title HOSTGROUP_TITLE Hostgroup title
--name NAME                       parameter name
--value VALUE                     parameter value
-h, --help                       print help
```

10.29.9. hammer hostgroup smart-variables

List all smart variables

Usage:

```
hammer hostgroup smart-variables [OPTIONS]
```

Options:

```
--hostgroup HOSTGROUP_NAME      Hostgroup name
--hostgroup-id HOSTGROUP_ID
--hostgroup-title HOSTGROUP_TITLE Hostgroup title
--order ORDER                    sort results
--page PAGE                      paginate results
--per-page PER_PAGE              number of entries per request
--search SEARCH                  filter results
--show-hidden SHOW_HIDDEN        Display hidden values
                                  One of true/false, yes/no, 1/0.
-h, --help                       print help
```

10.29.10. hammer hostgroup update

Update a host group

Usage:

```
hammer hostgroup update [OPTIONS]
```

Options:

```
--architecture ARCHITECTURE_NAME           Architecture
name
--architecture-id ARCHITECTURE_ID
--ask-root-pass ASK_ROOT_PW                 One of
true/false, yes/no, 1/0.
--compute-profile COMPUTE_PROFILE_NAME      Name to search
by
--compute-profile-id COMPUTE_PROFILE_ID
--config-group-ids CONFIG_GROUP_IDS          IDs of
associated config groups
Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
--config-groups CONFIG_GROUP_NAMES          Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
--content-source-id CONTENT_SOURCE_ID       Content source
ID
--content-view CONTENT_VIEW_NAME            Name to search
by
--content-view-id CONTENT_VIEW_ID           content view
numeric identifier
--domain DOMAIN_NAME                       Domain name
--domain-id DOMAIN_ID                      Numerical ID
or domain name
--environment ENVIRONMENT_NAME             Environment
name
--environment-id ENVIRONMENT_ID
--group-parameters-attributes GROUP_PARAMETERS_ATTRIBUTES Array of
parameters
Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
--id ID
--kickstart-repository-id KICKSTART_REPOSITORY_ID Kickstart
repository ID
--lifecycle-environment LIFECYCLE_ENVIRONMENT_NAME Name to search
by
--lifecycle-environment-id LIFECYCLE_ENVIRONMENT_ID ID of the
environment
--location-ids LOCATION_IDS                 REPLACE
locations with given ids
Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
--location-titles LOCATION_TITLES          Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
--locations LOCATION_NAMES                 Comma
separated list of values. Values containing comma should be quoted or
```

```

escaped with backslash
--medium MEDIUM_NAME           Medium name
--medium-id MEDIUM_ID
--name NAME                     Hostgroup
name
--new-name NEW_NAME            Name of the
host group
--openscap-proxy-id OPENSAP_PROXY_ID ID of OpenSCAP
Capsule
--operatingsystem OPERATINGSYSTEM_TITLE Operating
system title
--operatingsystem-id OPERATINGSYSTEM_ID
--organization-ids ORGANIZATION_IDS REPLACE
organizations with given ids.
Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
--organization-titles ORGANIZATION_TITLES Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
--organizations ORGANIZATION_NAMES Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
--parent PARENT_NAME           Name of
parent hostgroup
--parent-id PARENT_ID          Parent ID of
the host group
--partition-table PARTITION_TABLE_NAME Partition
table name
--partition-table-id PARTITION_TABLE_ID
--puppet-ca-proxy PUPPET_CA_PROXY_NAME Name of puppet
CA proxy
--puppet-ca-proxy-id PUPPET_CA_PROXY_ID Puppet CA
Capsule ID
--puppet-class-ids PUPPETCLASS_IDS List of
puppetclass ids
Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
--puppet-classes PUPPET_CLASS_NAMES Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
--puppet-proxy PUPPET_PROXY_NAME Name of puppet
proxy
--puppet-proxy-id PUPPET_PROXY_ID Puppet Capsule
ID
--pxe-loader PXE_LOADER        DHCP filename
option (Grub2/PXELinux by default)
Possible
value(s): 'None', 'PXELinux BIOS', 'PXELinux UEFI', 'Grub UEFI', 'Grub
UEFI SecureBoot', 'Grub2 UEFI', 'Grub2 UEFI SecureBoot'
--query-organization ORGANIZATION_NAME Organization
name to search by
--query-organization-id ORGANIZATION_ID Organization
ID to search by
--query-organization-label ORGANIZATION_LABEL Organization

```

label to search by	
--realm REALM_NAME	Name to
search by	
--realm-id REALM_ID	Numerical ID
or realm name	
--root-pass ROOT_PASSWORD	Root password
--subnet SUBNET_NAME	Subnet name
--subnet-id SUBNET_ID	
--title TITLE	Hostgroup
title	
-h, --help	print help

10.30. HAMMER JOB-INVOCATION

Manage job invocations

```
Usage:
    hammer job-invocation [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND                subcommand
    [ARG] ...                 subcommand arguments

Subcommands:
    create                    Create a job invocation
    info                     Show job invocation
    list                     List job invocations
    output                   View the output for a host

Options:
    -h, --help                print help
```

10.30.1. hammer job-invocation create

Create a job invocation

```
Usage:
    hammer job-invocation create [OPTIONS]

Options:
    --async                    Do not wait
    for the task
    --bookmark BOOKMARK_NAME  Name to search
    by
    --bookmark-id BOOKMARK_ID
    --concurrency-level CONCURRENCY_LEVEL  Run at most N
    tasks at a time
    --cron-line CRONLINE       Create a
    recurring execution         Cron line

    format 'a b c d e', where:
                                a. is minute
    (range: 0-59)              b. is hour
```

```

(range: 0-23)
month (range: 1-31)
(range: 1-12)
week (range: 0-6)
  --description-format DESCRIPTION_FORMAT Override the
description format from the template for this invocation only
  --dynamic Dynamic search
queries are evaluated at run time
  --effective-user EFFECTIVE_USER What user should
be used to run the script (using sudo-like mechanisms).
template parameter or global setting.
  --end-time DATETIME Perform no more
executions after this time, used with --cron-line
in YYYY-MM-DD HH:MM:SS or ISO 8601 format
  --execution-timeout-interval EXECUTION_TIMEOUT_INTERVAL Override the
timeout interval from the template for this invocation only
  --input-files INPUT FILES Read input
values from files
separated list of key=file, where file is a path to a text file to be read
  --inputs INPUTS Specify inputs
from command line
separated list of key=value.
  --job-template JOB_TEMPLATE_NAME Name to search
by
  --job-template-id JOB_TEMPLATE_ID
  --max-iteration MAX_ITERATION Repeat a maximum
of N times
  --search-query SEARCH_QUERY
  --start-at DATETIME Schedule the
execution for a later time
in YYYY-MM-DD HH:MM:SS or ISO 8601 format
  --start-before DATETIME Execution
should be cancelled if it cannot be started before --start-at
in YYYY-MM-DD HH:MM:SS or ISO 8601 format
  --time-span TIME_SPAN Distribute
tasks over N seconds
-h, --help print help

```

10.30.2. hammer job-invocation info

Show job invocation

```

Usage:
  hammer job-invocation info [OPTIONS]

```

```
Options:
  --id ID                print help
  -h, --help
```

10.30.3. hammer job-invocation list

List job invocations

```
Usage:
  hammer job-invocation list [OPTIONS]

Options:
  --order ORDER          sort results
  --page PAGE            paginate results
  --per-page PER_PAGE    number of entries per request
  --search SEARCH        filter results
  -h, --help            print help
```

10.30.4. hammer job-invocation output

View the output for a host

```
Usage:
  hammer job-invocation output [OPTIONS]

Options:
  --async                Do not wait for job to complete, shows
current output only
  --host HOST_NAME       Host name
  --host-id HOST_ID
  --id ID
  --name NAME            Name to search by
  -h, --help            print help
```

10.31. HAMMER JOB-TEMPLATE

Manage job templates

```
Usage:
  hammer job-template [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND              subcommand
  [ARG] ...              subcommand arguments

Subcommands:
  create                  Create a job template
  delete                 Delete a job template
  dump                   View job template content
  export                  Export a template including all metadata
  import                 Import a job template from ERB
  info                   Show job template details
  list                   List job templates
```

update Update a job template

Options:

-h, --help print help

10.31.1. hammer job-template create

Create a job template

Usage:

hammer job-template create [OPTIONS]

Options:

--audit-comment AUDIT_COMMENT

--current-user CURRENT_USER

should be used as the effective user

Whether the current user login

One of true/false, yes/no,

1/0.

--description-format DESCRIPTION_FORMAT

generate the description. Input values can

This template is used to

be used

using the syntax %{package}.

You may also include the job category and

template name using %

{job_category} and %{template_name}.

--file TEMPLATE

the template

Path to a file that contains

--job-category JOB_CATEGORY

Job category

--location-ids LOCATION_IDS

REPLACE locations with given

ids

Comma separated list of

values. Values containing comma should be

quoted or escaped with backslash

--location-titles LOCATION_TITLES

Comma separated list of values.

Values containing comma should be quoted or escaped with backslash

--locations LOCATION_NAMES

Comma separated list of

values. Values containing comma should be

quoted or escaped with backslash

--locked LOCKED

Whether or not the template is

locked for editing

One of true/false, yes/no,

1/0.

--name NAME

Template name

--organization-ids ORGANIZATION_IDS

REPLACE organizations with

given ids.

Comma separated list of

values. Values containing comma should be

quoted or escaped with backslash

--organization-titles ORGANIZATION_TITLES

Comma separated list of values.

Values containing comma should be quoted or escaped with backslash

--organizations ORGANIZATION_NAMES

Comma separated list of values.

Values containing comma should be quoted or escaped with backslash

--overridable OVERRIDABLE

Whether it should be allowed

to override the effective user from the

invocation form.

One of true/false, yes/no,

1/0.

--provider-type PROVIDER_TYPE

Provider type

Possible value(s): 'SSH'


```

--snippet SNIPPET          One of true/false, yes/no,
1/0.
--value VALUE              What user should be used to
run the script (using sudo-like mechanisms)
-h, --help                 print help

```

10.31.2. hammer job-template delete

Delete a job template

```

Usage:
    hammer job-template delete [OPTIONS]

Options:
  --id ID                  Name to search by
  --name NAME              print help
  -h, --help

```

10.31.3. hammer job-template dump

View job template content

```

Usage:
    hammer job-template dump [OPTIONS]

Options:
  --id ID                  Name to search by
  --name NAME              print help
  -h, --help

```

10.31.4. hammer job-template export

Export a template including all metadata

```

Usage:
    hammer job-template export [OPTIONS]

Options:
  --id ID                  Name to search by
  --name NAME              print help
  -h, --help

```

10.31.5. hammer job-template import

Import a job template from ERB

```

Usage:
    hammer job-template import [OPTIONS]

Options:
  --file TEMPLATE          Path to a file that contains the template -
must include ERB metadata

```

```
--overwrite OVERWRITE      Overwrite template if it already exists
                             One of true/false, yes/no, 1/0.
-h, --help                  print help
```

10.31.6. hammer job-template info

Show job template details

```
Usage:
  hammer job-template info [OPTIONS]

Options:
  --id ID                    Name to search by
  --name NAME                print help
  -h, --help
```

10.31.7. hammer job-template list

List job templates

```
Usage:
  hammer job-template list [OPTIONS]

Options:
  --location LOCATION_NAME      Location name
  --location-id LOCATION_ID
  --location-title LOCATION_TITLE Location title
  --order ORDER                 sort results
  --organization ORGANIZATION_NAME Organization name
  --organization-id ORGANIZATION_ID organization ID
  --organization-title ORGANIZATION_TITLE Organization title
  --page PAGE                   paginate results
  --per-page PER_PAGE           number of entries per request
  --search SEARCH               filter results
  -h, --help                    print help
```

10.31.8. hammer job-template update

Update a job template

```
Usage:
  hammer job-template update [OPTIONS]

Options:
  --audit-comment AUDIT_COMMENT
  --current-user CURRENT_USER      Whether the current user login
should be used as the effective user
  --description-format DESCRIPTION_FORMAT This template is used to
generate the description. Input values can be used
using the syntax %{package}.
  -h, --help
```

You may also include the job category and

<code>{job_category}</code> and <code>%{template_name}</code> .	template name using %
<code>--file TEMPLATE</code>	Path to a file that contains
the template	
<code>--id ID</code>	
<code>--job-category JOB_CATEGORY</code>	Job category
<code>--location-ids LOCATION_IDS</code>	REPLACE locations with given
ids	
	Comma separated list of
values. Values containing comma should be quoted or escaped with backslash	
<code>--location-titles LOCATION_TITLES</code>	Comma separated list of values.
Values containing comma should be quoted or escaped with backslash	
<code>--locations LOCATION_NAMES</code>	Comma separated list of
values. Values containing comma should be quoted or escaped with backslash	
<code>--locked LOCKED</code>	Whether or not the template is
locked for editing	
	One of true/false, yes/no,
1/0.	
<code>--name NAME</code>	Name to search by
<code>--new-name NEW_NAME</code>	Template name
<code>--organization-ids ORGANIZATION_IDS</code>	REPLACE organizations with
given ids.	
	Comma separated list of
values. Values containing comma should be quoted or escaped with backslash	
<code>--organization-titles ORGANIZATION_TITLES</code>	Comma separated list of values.
Values containing comma should be quoted or escaped with backslash	
<code>--organizations ORGANIZATION_NAMES</code>	Comma separated list of values.
Values containing comma should be quoted or escaped with backslash	
<code>--overridable OVERRIDABLE</code>	Whether it should be allowed
to override the effective user from the	
	invocation form.
	One of true/false, yes/no,
1/0.	
<code>--provider-type PROVIDER_TYPE</code>	Provider type
	Possible value(s): 'SSH'
<code>--snippet SNIPPET</code>	One of true/false, yes/no,
1/0.	
<code>--value VALUE</code>	What user should be used to
run the script (using sudo-like mechanisms)	
<code>-h, --help</code>	print help

10.32. HAMMER LIFECYCLE-ENVIRONMENT

Manipulate `lifecycle_environments` on the server

Usage:	
<code>hammer lifecycle-environment [OPTIONS] SUBCOMMAND [ARG] ...</code>	
Parameters:	
<code>SUBCOMMAND</code>	subcommand
<code>[ARG] ...</code>	subcommand arguments
Subcommands:	
<code>create</code>	Create an environment
<code>delete</code>	Destroy an environment

info	Show an environment
list	List environments in an organization
paths	List environment paths
update	Update an environment
Options:	
-h, --help	print help

10.32.1. hammer lifecycle-environment create

Create an environment

```
Usage:
  hammer lifecycle-environment create [OPTIONS]

Options:
  --description DESCRIPTION      description of the environment
  --label LABEL                  label of the environment
  --name NAME                     name of the environment
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  --prior PRIOR                  Name of the prior environment
  --prior-id PRIOR_ID            ID of an environment that is
prior to the new environment in the chain. It
has to be either the ID of
Library or the ID of an environment at the end
of a chain.
-h, --help                      print help
```

10.32.2. hammer lifecycle-environment delete

Destroy an environment

```
Usage:
  hammer lifecycle-environment delete [OPTIONS]

Options:
  --id ID                        ID of the environment
  --name NAME                    Lifecycle environment name to
search by
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
-h, --help                      print help
```

10.32.3. hammer lifecycle-environment info

Show an environment

```
Usage:
  hammer lifecycle-environment info [OPTIONS]
```

```
Options:
  --id ID                ID of the environment
  --name NAME            Lifecycle environment name to
search by
  --organization ORGANIZATION_NAME  Organization name to search by
  --organization-id ORGANIZATION_ID  organization ID
  --organization-label ORGANIZATION_LABEL  Organization label to search by
  -h, --help            print help
```

10.32.4. hammer lifecycle-environment list

List environments in an organization

```
Usage:
  hammer lifecycle-environment list [OPTIONS]

Options:
  --by BY                Field to sort the results on
  --full-result FULL_RESULT  Whether or not to show all
results
  --library LIBRARY      One of true/false, yes/no, 1/0.
library environments    set true if you want to see only
                        Possible value(s): 'true',
                        'false'
  --name NAME            filter only environments
containing this name
  --order ORDER          Sort field and order, eg. 'name
DESC'
  --organization ORGANIZATION_NAME  Organization name to search by
  --organization-id ORGANIZATION_ID  organization ID
  --organization-label ORGANIZATION_LABEL  Organization label to search by
  --page PAGE            Page number, starting at 1
  --per-page PER_PAGE    Number of results per page to
return
  --search SEARCH        Search string
  -h, --help            print help
```

10.32.5. hammer lifecycle-environment paths

List environment paths

```
Usage:
  hammer lifecycle-environment paths [OPTIONS]

Options:
  --organization ORGANIZATION_NAME  Organization name to search by
  --organization-id ORGANIZATION_ID  organization ID
  --organization-label ORGANIZATION_LABEL  Organization label to search by
  --permission-type PERMISSION_TYPE  The associated permission type.
One of (readable | promotable) Default:
  readable
  -h, --help            print help
```

10.32.6. hammer lifecycle-environment update

Update an environment

Usage:

```
hammer lifecycle-environment update [OPTIONS]
```

Options:

<code>--description DESCRIPTION</code>	description of the environment
<code>--id ID</code>	ID of the environment
<code>--name NAME</code>	Lifecycle environment name to search by
<code>--new-name NEW_NAME</code>	new name to be given to the environment
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	organization ID
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>-h, --help</code>	print help

10.33. HAMMER LOCATION

Manipulate locations.

Usage:

```
hammer location [OPTIONS] SUBCOMMAND [ARG] ...
```

Parameters:

<code>SUBCOMMAND</code>	subcommand
<code>[ARG] ...</code>	subcommand arguments

Subcommands:

<code>add-compute-resource</code>	Associate a compute resource
<code>add-config-template</code>	Associate a configuration template
<code>add-domain</code>	Associate a domain
<code>add-environment</code>	Associate an environment
<code>add-hostgroup</code>	Associate a hostgroup
<code>add-medium</code>	Associate a medium
<code>add-organization</code>	Associate an organization
<code>add-smart-proxy</code>	Associate a smart proxy
<code>add-subnet</code>	Associate a subnet
<code>add-user</code>	Associate an user
<code>create</code>	Create a location
<code>delete</code>	Delete a location
<code>delete-parameter</code>	Delete parameter for a location.
<code>info</code>	Show a location
<code>list</code>	List all locations
<code>remove-compute-resource</code>	Disassociate a compute resource
<code>remove-config-template</code>	Disassociate a configuration template
<code>remove-domain</code>	Disassociate a domain
<code>remove-environment</code>	Disassociate an environment
<code>remove-hostgroup</code>	Disassociate a hostgroup
<code>remove-medium</code>	Disassociate a medium
<code>remove-organization</code>	Disassociate an organization
<code>remove-smart-proxy</code>	Disassociate a smart proxy
<code>remove-subnet</code>	Disassociate a subnet

<code>remove-user</code>	Disassociate an user
<code>set-parameter</code>	Create or update parameter for a location.
<code>update</code>	Update a location

Options:

<code>-h, --help</code>	print help
-------------------------	------------

10.33.1. hammer location add-compute-resource

Associate a compute resource

Usage:

```
hammer location add-compute-resource [OPTIONS]
```

Options:

<code>--compute-resource COMPUTE_RESOURCE_NAME</code>	Compute resource name
<code>--compute-resource-id COMPUTE_RESOURCE_ID</code>	
<code>--id ID</code>	
<code>--name NAME</code>	Location name
<code>--title TITLE</code>	Location title
<code>-h, --help</code>	print help

10.33.2. hammer location add-config-template

Associate a configuration template

Usage:

```
hammer location add-config-template [OPTIONS]
```

Options:

<code>--config-template CONFIG_TEMPLATE_NAME</code>	Name to search by
<code>--config-template-id CONFIG_TEMPLATE_ID</code>	
<code>--id ID</code>	
<code>--name NAME</code>	Location name
<code>--title TITLE</code>	Location title
<code>-h, --help</code>	print help

10.33.3. hammer location add-domain

Associate a domain

Usage:

```
hammer location add-domain [OPTIONS]
```

Options:

<code>--domain DOMAIN_NAME</code>	Domain name
<code>--domain-id DOMAIN_ID</code>	Numerical ID or domain name
<code>--id ID</code>	
<code>--name NAME</code>	Location name
<code>--title TITLE</code>	Location title
<code>-h, --help</code>	print help

10.33.4. hammer location add-environment

Associate an environment

```
Usage:
    hammer location add-environment [OPTIONS]

Options:
  --environment ENVIRONMENT_NAME  Environment name
  --environment-id ENVIRONMENT_ID
  --id ID
  --name NAME                      Location name
  --title TITLE                   Location title
  -h, --help                      print help
```

10.33.5. hammer location add-hostgroup

Associate a hostgroup

```
Usage:
    hammer location add-hostgroup [OPTIONS]

Options:
  --hostgroup HOSTGROUP_NAME      Hostgroup name
  --hostgroup-id HOSTGROUP_ID
  --hostgroup-title HOSTGROUP_TITLE Hostgroup title
  --id ID
  --name NAME                    Location name
  --title TITLE                 Location title
  -h, --help                    print help
```

10.33.6. hammer location add-medium

Associate a medium

```
Usage:
    hammer location add-medium [OPTIONS]

Options:
  --id ID
  --medium MEDIUM_NAME          Medium name
  --medium-id MEDIUM_ID
  --name NAME                    Location name
  --title TITLE                 Location title
  -h, --help                    print help
```

10.33.7. hammer location add-organization

Associate an organization

```
Usage:
    hammer location add-organization [OPTIONS]
```



```
Options:
  --id ID
  --name NAME                      Location name
  --organization ORGANIZATION_NAME Organization name
  --organization-id ORGANIZATION_ID organization ID
  --organization-title ORGANIZATION_TITLE Organization title
  --title TITLE                   Location title
  -h, --help                      print help
```

10.33.8. hammer location add-smart-proxy

Associate a smart proxy

```
Usage:
  hammer location add-smart-proxy [OPTIONS]

Options:
  --id ID
  --name NAME                      Location name
  --smart-proxy SMART_PROXY_NAME  Name to search by
  --smart-proxy-id SMART_PROXY_ID
  --title TITLE                   Location title
  -h, --help                      print help
```

10.33.9. hammer location add-subnet

Associate a subnet

```
Usage:
  hammer location add-subnet [OPTIONS]

Options:
  --id ID
  --name NAME                      Location name
  --subnet SUBNET_NAME            Subnet name
  --subnet-id SUBNET_ID
  --title TITLE                   Location title
  -h, --help                      print help
```

10.33.10. hammer location add-user

Associate an user

```
Usage:
  hammer location add-user [OPTIONS]

Options:
  --id ID
  --name NAME                      Location name
  --title TITLE                   Location title
  --user USER_LOGIN              User's login to search by
  --user-id USER_ID
  -h, --help                      print help
```

10.33.11. hammer location create

Create a location

Usage:

```
hammer location create [OPTIONS]
```

Options:

```
--compute-resource-ids COMPUTE_RESOURCE_IDS      Compute resource
IDs
                                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--compute-resources COMPUTE_RESOURCE_NAMES        Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--config-template-ids CONFIG_TEMPLATE_IDS         Provisioning
template IDs
                                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--config-templates CONFIG_TEMPLATE_NAMES          Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--description DESCRIPTION
--domain-ids DOMAIN_IDS                           Domain IDs
                                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--domains DOMAIN_NAMES                            Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--environment-ids ENVIRONMENT_IDS                 Environment IDs
                                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--environments ENVIRONMENT_NAMES                  Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--hostgroup-ids HOSTGROUP_IDS                     Host group IDs
                                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--hostgroup-titles HOSTGROUP_TITLES                Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--hostgroups HOSTGROUP_NAMES                      Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--ignore-types IGNORE_TYPES                       List of resources
types that will be automatically associated
                                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--media MEDIUM_NAMES                              Comma separated
list of values. Values containing comma should be quoted or escaped with
```

```

backslash
  --medium-ids MEDIUM_IDS                      Medium IDs
                                              Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --name NAME
  --parent-id PARENT_ID                        Parent ID
  --partition-table-ids PARTITION_TABLE_IDS    Partition template
IDs
                                              Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --partition-tables PARTITION_TABLE_NAMES      Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --provisioning-template-ids PROVISIONING_TEMPLATE_IDS Provisioning
template IDs
                                              Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --provisioning-templates PROVISIONING_TEMPLATE_NAMES Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --realm-ids REALM_IDS                        Realm IDs
                                              Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --realms REALM_NAMES                        Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --smart-proxies SMART_PROXY_NAMES           Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --smart-proxy-ids SMART_PROXY_IDS           Capsule IDs
                                              Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --subnet-ids SUBNET_IDS                     Subnet IDs
                                              Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --subnets SUBNET_NAMES                     Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --user-ids USER_IDS                         User IDs
                                              Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --users USER_LOGINS                         Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  -h, --help                                  print help

```

10.33.12. hammer location delete

Delete a location

```
Usage:
  hammer location delete [OPTIONS]

Options:
  --id ID                Location numeric id to search by
  --name NAME            Organization name
  --title TITLE          Organization title
  -h, --help            print help
```

10.33.13. hammer location delete-parameter

Delete parameter for a location.

```
Usage:
  hammer location delete-parameter [OPTIONS]

Options:
  --location LOCATION_NAME      Location name
  --location-id LOCATION_ID
  --location-title LOCATION_TITLE Location title
  --name NAME                   parameter name
  -h, --help                   print help
```

10.33.14. hammer location info

Show a location

```
Usage:
  hammer location info [OPTIONS]

Options:
  --id ID                Location numeric id to
search by
  --name NAME            Organization name
  --show-hidden-parameters SHOW_HIDDEN_PARAMETERS Display hidden parameter
values
  --title TITLE          Organization title
  -h, --help            print help
```

10.33.15. hammer location list

List all locations

```
Usage:
  hammer location list [OPTIONS]

Options:
  --order ORDER          sort results
  --page PAGE            paginate results
```

```
--per-page PER_PAGE      number of entries per request
--search SEARCH           filter results
-h, --help               print help
```

10.33.16. hammer location remove-compute-resource

Disassociate a compute resource

```
Usage:
    hammer location remove-compute-resource [OPTIONS]

Options:
  --compute-resource COMPUTE_RESOURCE_NAME  Compute resource name
  --compute-resource-id COMPUTE_RESOURCE_ID
  --id ID
  --name NAME                               Location name
  --title TITLE                             Location title
  -h, --help                               print help
```

10.33.17. hammer location remove-config-template

Disassociate a configuration template

```
Usage:
    hammer location remove-config-template [OPTIONS]

Options:
  --config-template CONFIG_TEMPLATE_NAME  Name to search by
  --config-template-id CONFIG_TEMPLATE_ID
  --id ID
  --name NAME                             Location name
  --title TITLE                           Location title
  -h, --help                             print help
```

10.33.18. hammer location remove-domain

Disassociate a domain

```
Usage:
    hammer location remove-domain [OPTIONS]

Options:
  --domain DOMAIN_NAME      Domain name
  --domain-id DOMAIN_ID     Numerical ID or domain name
  --id ID
  --name NAME               Location name
  --title TITLE             Location title
  -h, --help               print help
```

10.33.19. hammer location remove-environment

Disassociate an environment

-

Usage:

```
hammer location remove-environment [OPTIONS]
```

Options:

```
--environment ENVIRONMENT_NAME  Environment name
--environment-id ENVIRONMENT_ID
--id ID
--name NAME                      Location name
--title TITLE                   Location title
-h, --help                      print help
```

10.33.20. hammer location remove-hostgroup

Disassociate a hostgroup

Usage:

```
hammer location remove-hostgroup [OPTIONS]
```

Options:

```
--hostgroup HOSTGROUP_NAME      Hostgroup name
--hostgroup-id HOSTGROUP_ID
--hostgroup-title HOSTGROUP_TITLE Hostgroup title
--id ID
--name NAME                     Location name
--title TITLE                  Location title
-h, --help                     print help
```

10.33.21. hammer location remove-medium

Disassociate a medium

Usage:

```
hammer location remove-medium [OPTIONS]
```

Options:

```
--id ID
--medium MEDIUM_NAME           Medium name
--medium-id MEDIUM_ID
--name NAME                    Location name
--title TITLE                  Location title
-h, --help                     print help
```

10.33.22. hammer location remove-organization

Disassociate an organization

Usage:

```
hammer location remove-organization [OPTIONS]
```

Options:

```
--id ID
--name NAME                    Location name
--organization ORGANIZATION_NAME Organization name
```

```

--organization-id ORGANIZATION_ID      organization ID
--organization-title ORGANIZATION_TITLE Organization title
--title TITLE                          Location title
-h, --help                             print help

```

10.33.23. hammer location remove-smart-proxy

Disassociate a smart proxy

```

Usage:
    hammer location remove-smart-proxy [OPTIONS]

```

```

Options:
  --id ID                      Location name
  --name NAME                  Name to search by
  --smart-proxy SMART_PROXY_NAME
  --smart-proxy-id SMART_PROXY_ID
  --title TITLE               Location title
  -h, --help                  print help

```

10.33.24. hammer location remove-subnet

Disassociate a subnet

```

Usage:
    hammer location remove-subnet [OPTIONS]

```

```

Options:
  --id ID                      Location name
  --name NAME                  Subnet name
  --subnet SUBNET_NAME
  --subnet-id SUBNET_ID
  --title TITLE               Location title
  -h, --help                  print help

```

10.33.25. hammer location remove-user

Disassociate an user

```

Usage:
    hammer location remove-user [OPTIONS]

```

```

Options:
  --id ID                      Location name
  --name NAME                  Location title
  --title TITLE
  --user USER_LOGIN           User's login to search by
  --user-id USER_ID
  -h, --help                  print help

```

10.33.26. hammer location set-parameter

Create or update parameter for a location.

Usage:

```
hammer location set-parameter [OPTIONS]
```

Options:

```
--hidden-value HIDDEN_VALUE      should the value be hidden
                                   One of true/false, yes/no, 1/0.
--location LOCATION_NAME          Location name
--location-id LOCATION_ID
--location-title LOCATION_TITLE  Location title
--name NAME                       parameter name
--value VALUE                     parameter value
-h, --help                       print help
```

10.33.27. hammer location update

Update a location

Usage:

```
hammer location update [OPTIONS]
```

Options:

```
--compute-resource-ids COMPUTE_RESOURCE_IDS      Compute resource
IDs
                                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--compute-resources COMPUTE_RESOURCE_NAMES        Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--config-template-ids CONFIG_TEMPLATE_IDS         Provisioning
template IDs
                                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--config-templates CONFIG_TEMPLATE_NAMES          Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--description DESCRIPTION
--domain-ids DOMAIN_IDS                           Domain IDs
                                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--domains DOMAIN_NAMES                            Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--environment-ids ENVIRONMENT_IDS                 Environment IDs
                                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--environments ENVIRONMENT_NAMES                  Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--hostgroup-ids HOSTGROUP_IDS                     Host group IDs
                                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
```



```

backslash
  --hostgroup-titles HOSTGROUP_TITLES                      Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --hostgroups HOSTGROUP_NAMES                            Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --id ID                                                  Location numeric
id to search by
  --ignore-types IGNORE_TYPES                             List of resources
types that will be automatically associated
Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --media MEDIUM_NAMES                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --medium-ids MEDIUM_IDS                                  Medium IDs
Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --name NAME                                              Location name
  --new-name NEW_NAME
  --parent-id PARENT_ID                                    Parent ID
  --partition-table-ids PARTITION_TABLE_IDS               Partition template
IDs
Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --partition-tables PARTITION_TABLE_NAMES                Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --provisioning-template-ids PROVISIONING_TEMPLATE_IDS Provisioning
template IDs
Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --provisioning-templates PROVISIONING_TEMPLATE_NAMES    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --realm-ids REALM_IDS                                    Realm IDs
Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --realms REALM_NAMES                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --smart-proxies SMART_PROXY_NAMES                      Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --smart-proxy-ids SMART_PROXY_IDS                      Capsule IDs
Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --subnet-ids SUBNET_IDS                                  Subnet IDs
Comma separated

```

```

list of values. Values containing comma should be quoted or escaped with
backslash
--subnets SUBNET_NAMES                      Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--title TITLE                                Location title
--user-ids USER_IDS                          User IDs
                                              Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--users USER_LOGINS                          Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
-h, --help                                    print help

```

10.34. HAMMER MEDIUM

Manipulate installation media.

```

Usage:
  hammer medium [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND                subcommand
  [ARG] ...                 subcommand arguments

Subcommands:
  add-operatingsystem       Associate an operating system
  create                   Create a medium
  delete                   Delete a medium
  info                     Show a medium
  list                     List all installation media
  remove-operatingsystem   Disassociate an operating system
  update                   Update a medium

Options:
  -h, --help               print help

```

10.34.1. hammer medium add-operatingsystem

Associate an operating system

```

Usage:
  hammer medium add-operatingsystem [OPTIONS]

Options:
  --id ID
  --name NAME                      Medium name
  --operatingsystem OPERATINGSYSTEM_TITLE Operating system title
  --operatingsystem-id OPERATINGSYSTEM_ID
  -h, --help                       print help

```

10.34.2. hammer medium create

Create a medium

Usage:

```
hammer medium create [OPTIONS]
```

Options:

```
--location-ids LOCATION_IDS      REPLACE locations with given
ids                               Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--location-titles LOCATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--locations LOCATION_NAMES       Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--name NAME                      Name of media
--operatingsystem-ids OPERATINGSYSTEM_IDS Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--operatingsystems OPERATINGSYSTEM_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organization-ids ORGANIZATION_IDS REPLACE organizations with
given ids.                       Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--os-family OS_FAMILY            Operating system family,
available values: AIX, Altlinux, Archlinux,
Coreos, Debian, FreeBSD,
Gentoo, Junos, NXOS, Redhat, Solaris, Suse,
Windows, Xenserver
--path PATH                     The path to the medium, can be
a URL or a valid NFS server (exclusive of
the architecture).

for example
mirror.centos.org/centos/$version/os/$arch
where $arch will be
substituted for the host's actual OS architecture
and $version, $major and
$minor will be substituted for the version of the
operating system.

Solaris and Debian media may
also use $release.
```

```
-h, --help
```

```
print help
```

10.34.3. hammer medium delete

Delete a medium

Usage:

```
hammer medium delete [OPTIONS]
```

```
Options:
  --id ID
  --name NAME           Medium name
  -h, --help           print help
```

10.34.4. hammer medium info

Show a medium

```
Usage:
  hammer medium info [OPTIONS]

Options:
  --id ID
  --name NAME           Medium name
  -h, --help           print help
```

10.34.5. hammer medium list

List all installation media

```
Usage:
  hammer medium list [OPTIONS]

Options:
  --location LOCATION_NAME           Location name
  --location-id LOCATION_ID
  --location-title LOCATION_TITLE    Location title
  --operatingsystem OPERatingsSYSTEM_TITLE Operating system title
  --operatingsystem-id OPERatingsSYSTEM_ID
  --order ORDER                      sort results
  --organization ORGANIZATION_NAME   Organization name
  --organization-id ORGANIZATION_ID   organization ID
  --organization-title ORGANIZATION_TITLE Organization title
  --page PAGE                        paginate results
  --per-page PER_PAGE                number of entries per request
  --search SEARCH                    filter results
  -h, --help                        print help
```

10.34.6. hammer medium remove-operatingsystem

Disassociate an operating system

```
Usage:
  hammer medium remove-operatingsystem [OPTIONS]

Options:
  --id ID
  --name NAME           Medium name
  --operatingsystem OPERatingsSYSTEM_TITLE Operating system title
  --operatingsystem-id OPERatingsSYSTEM_ID
  -h, --help           print help
```

10.34.7. hammer medium update

Update a medium

Usage:

```
hammer medium update [OPTIONS]
```

Options:

```
--id ID
--location-ids LOCATION_IDS      REPLACE locations with given
ids                               Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--location-titles LOCATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--locations LOCATION_NAMES       Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--name NAME                       Medium name
--new-name NEW_NAME               Name of media
--operatingsystem-ids OPERATINGSYSTEM_IDS Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--operatingsystems OPERATINGSYSTEM_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organization-ids ORGANIZATION_IDS REPLACE organizations with
given ids.                       Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--os-family OS_FAMILY             Operating system family,
available values: AIX, Altlinux, Archlinux, Coreos, Debian, Freebsd,
Gentoo, Junos, NXOS, Redhat, Solaris, Suse, Windows, Xenserver
--path PATH                       The path to the medium, can be
a URL or a valid NFS server (exclusive of the architecture).

for example
mirror.centos.org/centos/$version/os/$arch
where $arch will be
substituted for the host's actual OS architecture
and $version, $major and
$minor will be substituted for the version of the
operating system.

Solaris and Debian media may
also use $release.
-h, --help                       print help
```

10.35. HAMMER MODEL

Manipulate hardware models.

```
Usage:
  hammer model [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND                subcommand
  [ARG] ...                 subcommand arguments

Subcommands:
  create                    Create a hardware model
  delete                    Delete a hardware model
  info                      Show a hardware model
  list                      List all hardware models
  update                    Update a hardware model

Options:
  -h, --help                print help
```

10.35.1. hammer model create

Create a hardware model

```
Usage:
  hammer model create [OPTIONS]

Options:
  --hardware-model HARDWARE_MODEL
  --info INFO
  --name NAME
  --vendor-class VENDOR_CLASS
  -h, --help                print help
```

10.35.2. hammer model delete

Delete a hardware model

```
Usage:
  hammer model delete [OPTIONS]

Options:
  --id ID
  --name NAME                Model name
  -h, --help                print help
```

10.35.3. hammer model info

Show a hardware model

```
Usage:
  hammer model info [OPTIONS]

Options:
```

```
--id ID
--name NAME           Model name
-h, --help           print help
```

10.35.4. hammer model list

List all hardware models

```
Usage:
  hammer model list [OPTIONS]

Options:
  --order ORDER          sort results
  --page PAGE            paginate results
  --per-page PER_PAGE   number of entries per request
  --search SEARCH        filter results
  -h, --help            print help
```

10.35.5. hammer model update

Update a hardware model

```
Usage:
  hammer model update [OPTIONS]

Options:
  --hardware-model HARDWARE_MODEL
  --id ID
  --info INFO
  --name NAME           Model name
  --new-name NEW_NAME
  --vendor-class VENDOR_CLASS
  -h, --help           print help
```

10.36. HAMMER ORGANIZATION

Manipulate organizations

```
Usage:
  hammer organization [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:
  add-compute-resource      Associate a compute resource
  add-config-template       Associate a configuration template
  add-domain               Associate a domain
  add-environment           Associate an environment
  add-hostgroup             Associate a hostgroup
  add-location              Associate a location
  add-medium                Associate a medium
```

<code>add-smart-proxy</code>	Associate a smart proxy
<code>add-subnet</code>	Associate a subnet
<code>add-user</code>	Associate an user
<code>create</code>	Create organization
<code>delete</code>	Delete an organization
<code>delete-parameter</code>	Delete parameter for an organization.
<code>info</code>	Show organization
<code>list</code>	List all organizations
<code>remove-compute-resource</code>	Disassociate a compute resource
<code>remove-config-template</code>	Disassociate a configuration template
<code>remove-domain</code>	Disassociate a domain
<code>remove-environment</code>	Disassociate an environment
<code>remove-hostgroup</code>	Disassociate a hostgroup
<code>remove-location</code>	Disassociate a location
<code>remove-medium</code>	Disassociate a medium
<code>remove-smart-proxy</code>	Disassociate a smart proxy
<code>remove-subnet</code>	Disassociate a subnet
<code>remove-user</code>	Disassociate an user
<code>set-parameter</code>	Create or update parameter for an
<code>organization.</code>	
<code>update</code>	Update organization
Options:	
<code>-h, --help</code>	print help

10.36.1. hammer organization add-compute-resource

Associate a compute resource

```
Usage:
  hammer organization add-compute-resource [OPTIONS]

Options:
  --compute-resource COMPUTE_RESOURCE_NAME  Compute resource name
  --compute-resource-id COMPUTE_RESOURCE_ID
  --id ID                                     organization ID
  --name NAME                                Organization name
  --title TITLE                              Organization title
  -h, --help                                print help
```

10.36.2. hammer organization add-config-template

Associate a configuration template

```
Usage:
  hammer organization add-config-template [OPTIONS]

Options:
  --config-template CONFIG_TEMPLATE_NAME  Name to search by
  --config-template-id CONFIG_TEMPLATE_ID
  --id ID                                  organization ID
  --name NAME                              Organization name
  --title TITLE                            Organization title
  -h, --help                              print help
```


10.36.3. hammer organization add-domain

Associate a domain

```
Usage:
    hammer organization add-domain [OPTIONS]

Options:
  --domain DOMAIN_NAME      Domain name
  --domain-id DOMAIN_ID    Numerical ID or domain name
  --id ID                   organization ID
  --name NAME               Organization name
  --title TITLE             Organization title
  -h, --help               print help
```

10.36.4. hammer organization add-environment

Associate an environment

```
Usage:
    hammer organization add-environment [OPTIONS]

Options:
  --environment ENVIRONMENT_NAME Environment name
  --environment-id ENVIRONMENT_ID
  --id ID                   organization ID
  --name NAME               Organization name
  --title TITLE             Organization title
  -h, --help               print help
```

10.36.5. hammer organization add-hostgroup

Associate a hostgroup

```
Usage:
    hammer organization add-hostgroup [OPTIONS]

Options:
  --hostgroup HOSTGROUP_NAME      Hostgroup name
  --hostgroup-id HOSTGROUP_ID
  --hostgroup-title HOSTGROUP_TITLE Hostgroup title
  --id ID                         organization ID
  --name NAME                     Organization name
  --title TITLE                   Organization title
  -h, --help                       print help
```

10.36.6. hammer organization add-location

Associate a location

```
Usage:
    hammer organization add-location [OPTIONS]
```

```
Options:
  --id ID                      organization ID
  --location LOCATION_NAME     Location name
  --location-id LOCATION_ID
  --location-title LOCATION_TITLE Location title
  --name NAME                  Organization name
  --title TITLE                Organization title
  -h, --help                  print help
```

10.36.7. hammer organization add-medium

Associate a medium

```
Usage:
  hammer organization add-medium [OPTIONS]

Options:
  --id ID                      organization ID
  --medium MEDIUM_NAME        Medium name
  --medium-id MEDIUM_ID
  --name NAME                  Organization name
  --title TITLE                Organization title
  -h, --help                  print help
```

10.36.8. hammer organization add-smart-proxy

Associate a smart proxy

```
Usage:
  hammer organization add-smart-proxy [OPTIONS]

Options:
  --id ID                      organization ID
  --name NAME                  Organization name
  --smart-proxy SMART_PROXY_NAME Name to search by
  --smart-proxy-id SMART_PROXY_ID
  --title TITLE                Organization title
  -h, --help                  print help
```

10.36.9. hammer organization add-subnet

Associate a subnet

```
Usage:
  hammer organization add-subnet [OPTIONS]

Options:
  --id ID                      organization ID
  --name NAME                  Organization name
  --subnet SUBNET_NAME        Subnet name
  --subnet-id SUBNET_ID
  --title TITLE                Organization title
  -h, --help                  print help
```

10.36.10. hammer organization add-user

Associate an user

```
Usage:
    hammer organization add-user [OPTIONS]

Options:
  --id ID                organization ID
  --name NAME            Organization name
  --title TITLE          Organization title
  --user USER_LOGIN     User's login to search by
  --user-id USER_ID
  -h, --help            print help
```

10.36.11. hammer organization create

Create organization

```
Usage:
    hammer organization create [OPTIONS]

Options:
  --compute-resource-ids COMPUTE_RESOURCE_IDS          Compute resource
IDs                                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --compute-resources COMPUTE_RESOURCE_NAMES          Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --config-template-ids CONFIG_TEMPLATE_IDS          Provisioning
template IDs                                          Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --config-templates CONFIG_TEMPLATE_NAMES          Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --description DESCRIPTION                          description
  --domain-ids DOMAIN_IDS                            Domain IDs
                                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --domains DOMAIN_NAMES                            Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --environment-ids ENVIRONMENT_IDS                  Environment IDs
                                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --environments ENVIRONMENT_NAMES                  Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --hostgroup-ids HOSTGROUP_IDS                      Host group IDs
```

```

                                Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--hostgroup-titles HOSTGROUP_TITLES                                Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--hostgroups HOSTGROUP_NAMES                                        Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--label LABEL                                                        unique label
--media MEDIUM_NAMES                                                Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--medium-ids MEDIUM_IDS                                              Medium IDs
                                Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--name NAME                                                            name
--provisioning-template-ids PROVISIONING_TEMPLATE_IDS Provisioning
template IDs
                                Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--provisioning-templates PROVISIONING_TEMPLATE_NAMES Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--ptable-ids PTABLE_IDS                                              Partition
template IDs
                                Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--ptables PTABLE_NAMES                                                Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--realm-ids REALM_IDS                                                Realm IDs
                                Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--realms REALM_NAMES                                                  Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--smart-proxies SMART_PROXY_NAMES                                    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--smart-proxy-ids SMART_PROXY_IDS                                    Capsule IDs
                                Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--subnet-ids SUBNET_IDS                                              Subnet IDs
                                Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--subnets SUBNET_NAMES                                              Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--user-ids USER_IDS                                                  User IDs

```

```

Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--users USER_NAMES
Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
-h, --help
print help

```

10.36.12. hammer organization delete

Delete an organization

```

Usage:
    hammer organization delete [OPTIONS]

Options:
  --async                Do not wait for the task
  --id ID
  --label LABEL          Organization label to search by
  --name NAME            Organization name
  --title TITLE          Organization title
  -h, --help            print help

```

10.36.13. hammer organization delete-parameter

Delete parameter for an organization.

```

Usage:
    hammer organization delete-parameter [OPTIONS]

Options:
  --name NAME                parameter name
  --organization ORGANIZATION_NAME  Organization name
  --organization-id ORGANIZATION_ID  organization ID
  --organization-title ORGANIZATION_TITLE  Organization title
  -h, --help                print help

```

10.36.14. hammer organization info

Show organization

```

Usage:
    hammer organization info [OPTIONS]

Options:
  --id ID
  --label LABEL          Organization label to search by
  --name NAME            Organization name
  --title TITLE          Organization title
  -h, --help            print help

```

10.36.15. hammer organization list

List all organizations

```
Usage:
  hammer organization list [OPTIONS]

Options:
  --by BY                Field to sort the results on
  --full-result FULL_RESULT  Whether or not to show all results
                           One of true/false, yes/no, 1/0.
  --order ORDER          Sort field and order, eg. 'name DESC'
  --page PAGE            Page number, starting at 1
  --per-page PER_PAGE    Number of results per page to return
  --search SEARCH        Search string
  -h, --help             print help
```

10.36.16. hammer organization remove-compute-resource

Disassociate a compute resource

```
Usage:
  hammer organization remove-compute-resource [OPTIONS]

Options:
  --compute-resource COMPUTE_RESOURCE_NAME  Compute resource name
  --compute-resource-id COMPUTE_RESOURCE_ID
  --id ID                                    organization ID
  --name NAME                                Organization name
  --title TITLE                              Organization title
  -h, --help                                print help
```

10.36.17. hammer organization remove-config-template

Disassociate a configuration template

```
Usage:
  hammer organization remove-config-template [OPTIONS]

Options:
  --config-template CONFIG_TEMPLATE_NAME  Name to search by
  --config-template-id CONFIG_TEMPLATE_ID
  --id ID                                  organization ID
  --name NAME                              Organization name
  --title TITLE                            Organization title
  -h, --help                              print help
```

10.36.18. hammer organization remove-domain

Disassociate a domain

```
Usage:
  hammer organization remove-domain [OPTIONS]

Options:
```

```

--domain DOMAIN_NAME      Domain name
--domain-id DOMAIN_ID     Numerical ID or domain name
--id ID                   organization ID
--name NAME               Organization name
--title TITLE             Organization title
-h, --help               print help

```

10.36.19. hammer organization remove-environment

Disassociate an environment

```

Usage:
    hammer organization remove-environment [OPTIONS]

Options:
--environment ENVIRONMENT_NAME  Environment name
--environment-id ENVIRONMENT_ID
--id ID                        organization ID
--name NAME                    Organization name
--title TITLE                  Organization title
-h, --help                    print help

```

10.36.20. hammer organization remove-hostgroup

Disassociate a hostgroup

```

Usage:
    hammer organization remove-hostgroup [OPTIONS]

Options:
--hostgroup HOSTGROUP_NAME      Hostgroup name
--hostgroup-id HOSTGROUP_ID
--hostgroup-title HOSTGROUP_TITLE Hostgroup title
--id ID                        organization ID
--name NAME                    Organization name
--title TITLE                  Organization title
-h, --help                    print help

```

10.36.21. hammer organization remove-location

Disassociate a location

```

Usage:
    hammer organization remove-location [OPTIONS]

Options:
--id ID                        organization ID
--location LOCATION_NAME      Location name
--location-id LOCATION_ID
--location-title LOCATION_TITLE Location title
--name NAME                    Organization name
--title TITLE                  Organization title
-h, --help                    print help

```

10.36.22. hammer organization remove-medium

Disassociate a medium

```
Usage:
  hammer organization remove-medium [OPTIONS]

Options:
  --id ID                organization ID
  --medium MEDIUM_NAME  Medium name
  --medium-id MEDIUM_ID
  --name NAME            Organization name
  --title TITLE          Organization title
  -h, --help            print help
```

10.36.23. hammer organization remove-smart-proxy

Disassociate a smart proxy

```
Usage:
  hammer organization remove-smart-proxy [OPTIONS]

Options:
  --id ID                organization ID
  --name NAME            Organization name
  --smart-proxy SMART_PROXY_NAME  Name to search by
  --smart-proxy-id SMART_PROXY_ID
  --title TITLE          Organization title
  -h, --help            print help
```

10.36.24. hammer organization remove-subnet

Disassociate a subnet

```
Usage:
  hammer organization remove-subnet [OPTIONS]

Options:
  --id ID                organization ID
  --name NAME            Organization name
  --subnet SUBNET_NAME  Subnet name
  --subnet-id SUBNET_ID
  --title TITLE          Organization title
  -h, --help            print help
```

10.36.25. hammer organization remove-user

Disassociate an user

```
Usage:
  hammer organization remove-user [OPTIONS]

Options:
```



```

--id ID                organization ID
--name NAME            Organization name
--title TITLE          Organization title
--user USER_LOGIN     User's login to search by
--user-id USER_ID
-h, --help             print help

```

10.36.26. hammer organization set-parameter

Create or update parameter for an organization.

```

Usage:
    hammer organization set-parameter [OPTIONS]

Options:
  --hidden-value HIDDEN_VALUE      should the value be hidden
                                   One of true/false, yes/no, 1/0.
  --name NAME                      parameter name
  --organization ORGANIZATION_NAME Organization name
  --organization-id ORGANIZATION_ID organization ID
  --organization-title ORGANIZATION_TITLE Organization title
  --value VALUE                   parameter value
  -h, --help                      print help

```

10.36.27. hammer organization update

Update organization

```

Usage:
    hammer organization update [OPTIONS]

Options:
  --compute-resource-ids COMPUTE_RESOURCE_IDS      Compute resource
IDs                                                  Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --compute-resources COMPUTE_RESOURCE_NAMES        Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --config-template-ids CONFIG_TEMPLATE_IDS         Provisioning
template IDs                                       Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --config-templates CONFIG_TEMPLATE_NAMES          Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --description DESCRIPTION
  --domain-ids DOMAIN_IDS                           Domain IDs
                                                  Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --domains DOMAIN_NAMES                            Comma separated

```

list of values. Values containing comma should be quoted or escaped with backslash

--environment-ids ENVIRONMENT_IDS Environment IDs
Comma separated

list of values. Values containing comma should be quoted or escaped with backslash

--environments ENVIRONMENT_NAMES Comma separated

list of values. Values containing comma should be quoted or escaped with backslash

--hostgroup-ids HOSTGROUP_IDS Host group IDs
Comma separated

list of values. Values containing comma should be quoted or escaped with backslash

--hostgroup-titles HOSTGROUP_TITLES Comma separated

list of values. Values containing comma should be quoted or escaped with backslash

--hostgroups HOSTGROUP_NAMES Comma separated

list of values. Values containing comma should be quoted or escaped with backslash

--id ID
--ignore-types IGNORE_TYPES List of resources
types that will be automatically associated

Comma separated

list of values. Values containing comma should be quoted or escaped with backslash

--label LABEL Organization

label to search by

--media MEDIUM_NAMES Comma separated

list of values. Values containing comma should be quoted or escaped with backslash

--medium-ids MEDIUM_IDS Medium IDs
Comma separated

list of values. Values containing comma should be quoted or escaped with backslash

--name NAME Organization name

--new-name NEW_NAME

--parent-id PARENT_ID Parent ID

--partition-table-ids PARTITION_TABLE_IDS Partition template
IDs

Comma separated

list of values. Values containing comma should be quoted or escaped with backslash

--partition-tables PARTITION_TABLE_NAMES Comma separated

list of values. Values containing comma should be quoted or escaped with backslash

--provisioning-template-ids PROVISIONING_TEMPLATE_IDS Provisioning
template IDs

Comma separated

list of values. Values containing comma should be quoted or escaped with backslash

--provisioning-templates PROVISIONING_TEMPLATE_NAMES Comma separated

list of values. Values containing comma should be quoted or escaped with backslash

--ptable-ids PTABLE_IDS Partition

template IDs

Comma separated

```

list of values. Values containing comma should be quoted or escaped with
backslash
--ptables PTABLE_NAMES                               Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--realm-ids REALM_IDS                                 Realm IDs
                                                         Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--realms REALM_NAMES                                 Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--redhat-repository-url REDHAT_REPOSITORY_URL         Red Hat CDN URL
--smart-proxies SMART_PROXY_NAMES                     Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--smart-proxy-ids SMART_PROXY_IDS                     Capsule IDs
                                                         Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--subnet-ids SUBNET_IDS                               Subnet IDs
                                                         Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--subnets SUBNET_NAMES                               Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--title TITLE                                           Organization
title
--user-ids USER_IDS                                   User IDs
                                                         Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--users USER_LOGINS                                   Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
-h, --help                                             print help

```

10.37. HAMMER OS

Manipulate operating system.

Usage:

```
hammer os [OPTIONS] SUBCOMMAND [ARG] ...
```

Parameters:

```

SUBCOMMAND          subcommand
[ARG] ...           subcommand arguments

```

Subcommands:

```

add-architecture    Associate an architecture
add-config-template Associate a configuration template
add-ptable          Associate a partition table
create              Create an operating system
delete              Delete an operating system

```

```
delete-default-template
delete-parameter          Delete parameter for an operating system.
info                      Show an operating system
list                      List all operating systems
remove-architecture       Disassociate an architecture
remove-config-template    Disassociate a configuration template
remove-ptable             Disassociate a partition table
set-default-template
set-parameter             Create or update parameter for an
operating system.
update                    Update an operating system

Options:
-h, --help                print help
```

10.37.1. hammer os add-architecture

Associate an architecture

```
Usage:
  hammer os add-architecture [OPTIONS]

Options:
--architecture ARCHITECTURE_NAME  Architecture name
--architecture-id ARCHITECTURE_ID
--id ID
--title TITLE                     Operating system title
-h, --help                        print help
```

10.37.2. hammer os add-config-template

Associate a configuration template

```
Usage:
  hammer os add-config-template [OPTIONS]

Options:
--config-template CONFIG_TEMPLATE_NAME  Name to search by
--config-template-id CONFIG_TEMPLATE_ID
--id ID
--title TITLE                           Operating system title
-h, --help                              print help
```

10.37.3. hammer os add-ptable

Associate a partition table

```
Usage:
  hammer os add-ptable [OPTIONS]

Options:
--id ID
--partition-table PARTITION_TABLE_NAME  Partition table name
```

```
--partition-table-id PARTITION_TABLE_ID
--title TITLE                Operating system title
-h, --help                  print help
```

10.37.4. hammer os create

Create an operating system

Usage:

```
hammer os create [OPTIONS]
```

Options:

```
--architecture-ids ARCHITECTURE_IDS      IDs of associated
architectures                             Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--architectures ARCHITECTURE_NAMES        Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--config-template-ids CONFIG_TEMPLATE_IDS IDs of associated
provisioning templates                   Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--config-templates CONFIG_TEMPLATE_NAMES  Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--description DESCRIPTION
--family FAMILY
--major MAJOR
--media MEDIUM_NAMES                     Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--medium-ids MEDIUM_IDS                   IDs of associated
media                                     Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--minor MINOR
--name NAME
--os-parameters-attributes OS_PARAMETERS_ATTRIBUTES  Array of parameters
Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--partition-table-ids PARTITION_TABLE_IDS  IDs of associated
partition tables                         Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--partition-tables PARTITION_TABLE_NAMES    Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--password-hash PASSWORD_HASH              Root password hash
function to use, one of MD5, SHA256, SHA512, Base64
```

```

--provisioning-template-ids PROVISIONING_TEMPLATE_IDS IDs of associated
provisioning templates
                                Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--provisioning-templates PROVISIONING_TEMPLATE_NAMES Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--release-name RELEASE_NAME
-h, --help                                print help

```

10.37.5. hammer os delete

Delete an operating system

```

Usage:
    hammer os delete [OPTIONS]

Options:
  --id ID                        Operating system id
  --title TITLE                  Operating system title
  -h, --help                    print help

```

10.37.6. hammer os delete-default-template

```

Usage:
    hammer os delete-default-template [OPTIONS]

Options:
  --id OS ID                    operatingsystem id
  --type TPL TYPE               Type of the config template
  -h, --help                    print help

```

10.37.7. hammer os delete-parameter

Delete parameter for an operating system.

```

Usage:
    hammer os delete-parameter [OPTIONS]

Options:
  --name NAME                    parameter name
  --operatingsystem OPERATINGSYSTEM_TITLE Operating system title
  --operatingsystem-id OPERATINGSYSTEM_ID
  -h, --help                    print help

```

10.37.8. hammer os info

Show an operating system

```

Usage:
    hammer os info [OPTIONS]

```

```
Options:
  --id ID
  --show-hidden-parameters SHOW_HIDDEN_PARAMETERS Display hidden parameter
values
  One of true/false,
yes/no, 1/0.
  --title TITLE      Operating system title
  -h, --help         print help
```

10.37.9. hammer os list

List all operating systems

```
Usage:
  hammer os list [OPTIONS]

Options:
  --architecture ARCHITECTURE_NAME      Architecture name
  --architecture-id ARCHITECTURE_ID
  --config-template CONFIG_TEMPLATE_NAME      Name to search by
  --config-template-id CONFIG_TEMPLATE_ID
  --medium MEDIUM_NAME                  Medium name
  --medium-id MEDIUM_ID
  --order ORDER                          sort results
  --os-parameters-attributes OS_PARAMETERS_ATTRIBUTES Array of parameters
Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --page PAGE                            paginate results
  --partition-table PARTITION_TABLE_NAME    Partition table name
  --partition-table-id PARTITION_TABLE_ID
  --per-page PER_PAGE                    number of entries
per request
  --provisioning-template PROVISIONING_TEMPLATE_NAME Name to search by
  --provisioning-template-id PROVISIONING_TEMPLATE_ID
  --search SEARCH                        filter results
  -h, --help                            print help
```

10.37.10. hammer os remove-architecture

Disassociate an architecture

```
Usage:
  hammer os remove-architecture [OPTIONS]

Options:
  --architecture ARCHITECTURE_NAME Architecture name
  --architecture-id ARCHITECTURE_ID
  --id ID
  --title TITLE      Operating system title
  -h, --help         print help
```

10.37.11. hammer os remove-config-template

Disassociate a configuration template

```
Usage:
  hammer os remove-config-template [OPTIONS]

Options:
  --config-template CONFIG_TEMPLATE_NAME  Name to search by
  --config-template-id CONFIG_TEMPLATE_ID
  --id ID
  --title TITLE                           Operating system title
  -h, --help                               print help
```

10.37.12. hammer os remove-ptable

Disassociate a partition table

```
Usage:
  hammer os remove-ptable [OPTIONS]

Options:
  --id ID
  --partition-table PARTITION_TABLE_NAME  Partition table name
  --partition-table-id PARTITION_TABLE_ID
  --title TITLE                           Operating system title
  -h, --help                               print help
```

10.37.13. hammer os set-default-template

```
Usage:
  hammer os set-default-template [OPTIONS]

Options:
  --config-template-id TPL ID  config template id to be set
  --id OS ID                   operatingsystem id
  -h, --help                   print help
```

10.37.14. hammer os set-parameter

Create or update parameter for an operating system.

```
Usage:
  hammer os set-parameter [OPTIONS]

Options:
  --hidden-value HIDDEN_VALUE  should the value be hidden
                                One of true/false, yes/no, 1/0.
  --name NAME                  parameter name
  --operatingsystem OPERATINGSYSTEM_TITLE  Operating system title
  --operatingsystem-id OPERATINGSYSTEM_ID
  --value VALUE                parameter value
  -h, --help                   print help
```


10.37.15. hammer os update

Update an operating system

Usage:

```
hammer os update [OPTIONS]
```

Options:

```
--architecture-ids ARCHITECTURE_IDS          IDs of associated
architectures                                Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--architectures ARCHITECTURE_NAMES            Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--config-template-ids CONFIG_TEMPLATE_IDS     IDs of associated
provisioning templates                      Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--config-templates CONFIG_TEMPLATE_NAMES      Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--description DESCRIPTION
--family FAMILY
--id ID
--major MAJOR
--media MEDIUM_NAMES                         Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--medium-ids MEDIUM_IDS                      IDs of associated
media                                       Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--minor MINOR
--name NAME
--os-parameters-attributes OS_PARAMETERS_ATTRIBUTES Array of parameters
Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--partition-table-ids PARTITION_TABLE_IDS     IDs of associated
partition tables                          Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--partition-tables PARTITION_TABLE_NAMES      Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--password-hash PASSWORD_HASH                Root password hash
function to use, one of MD5, SHA256, SHA512, Base64
--provisioning-template-ids PROVISIONING_TEMPLATE_IDS IDs of associated
provisioning templates                      Comma separated
list of values. Values containing comma should be quoted or escaped with
```

```

backslash
  --provisioning-templates PROVISIONING_TEMPLATE_NAMES Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --release-name RELEASE_NAME
  --title TITLE Operating system
title
  -h, --help print help

```

10.38. HAMMER OSTREE-BRANCH

Manipulate ostree branches

```

Usage:
  hammer ostree-branch [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND subcommand
  [ARG] ... subcommand arguments

Subcommands:
  info Show an ostree branch
  list List ostree_branches

Options:
  -h, --help print help

```

10.38.1. hammer ostree-branch info

Show an ostree branch

```

Usage:
  hammer ostree-branch info [OPTIONS]

Options:
  --id ID an ostree branch identifier
  --name NAME Name to search by
  --repository REPOSITORY_NAME Repository name to search by
  --repository-id REPOSITORY_ID repository ID
  -h, --help print help

```

10.38.2. hammer ostree-branch list

List ostree_branches

```

Usage:
  hammer ostree-branch list [OPTIONS]

Options:
  --by BY Field to sort the
results on
  --content-view CONTENT_VIEW_NAME Content view name to
search by

```

```

--content-view-filter CONTENT_VIEW_FILTER_NAME      Name to search by
--content-view-filter-id CONTENT_VIEW_FILTER_ID      filter identifier
--content-view-id CONTENT_VIEW_ID                   content view numeric
identifier
--content-view-version CONTENT_VIEW_VERSION_VERSION Content view version
number
--content-view-version-id CONTENT_VIEW_VERSION_ID    Content view version
identifier
--environment ENVIRONMENT_NAME                      Environment name
--environment-id ENVIRONMENT_ID
--full-result FULL_RESULT                           Whether or not to
show all results                                   One of true/false,
yes/no, 1/0.
--ids IDS                                             ids to filter
content by                                           Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--order ORDER                                         Sort field and
order, eg. 'name DESC'
--organization ORGANIZATION_NAME                    Organization name to
search by
--organization-id ORGANIZATION_ID                   organization ID
--organization-label ORGANIZATION_LABEL              Organization label
to search by
--page PAGE                                           Page number,
starting at 1
--per-page PER_PAGE                                   Number of results
per page to return
--product PRODUCT_NAME                               Product name to
search by
--product-id PRODUCT_ID                             product numeric
identifier
--repository REPOSITORY_NAME                         Repository name to
search by
--repository-id REPOSITORY_ID                       repository ID
--search SEARCH                                       Search string
-h, --help                                           print help

```

10.39. HAMMER PACKAGE

Manipulate packages.

```

Usage:
    hammer package [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND                subcommand
    [ARG] ...                 subcommand arguments

Subcommands:
    info                      Show a package
    list                     List packages

```

```
Options:
  -h, --help                print help
```

10.39.1. hammer package info

Show a package

```
Usage:
  hammer package info [OPTIONS]

Options:
  --id ID                    a package identifier
  --name NAME                Name to search by
  --repository REPOSITORY_NAME Repository name to search by
  --repository-id REPOSITORY_ID repository ID
  -h, --help                print help
```

10.39.2. hammer package list

List packages

```
Usage:
  hammer package list [OPTIONS]

Options:
  --by BY                    Field to
sort the results on
  --content-view CONTENT_VIEW_NAME Content view
name to search by
  --content-view-filter CONTENT_VIEW_FILTER_NAME Name to
search by
  --content-view-filter-id CONTENT_VIEW_FILTER_ID filter
identifier
  --content-view-id CONTENT_VIEW_ID content view
numeric identifier
  --content-view-version CONTENT_VIEW_VERSION_VERSION Content view
version number
  --content-view-version-id CONTENT_VIEW_VERSION_ID Content view
version identifier
  --environment ENVIRONMENT_NAME Environment
name
  --environment-id ENVIRONMENT_ID
  --full-result FULL_RESULT Whether or
not to show all results
  --ids IDS                  One of
true/false, yes/no, 1/0.
  --host HOST_NAME           Host name
  --host-id HOST_ID
  --ids IDS                  ids to
filter content by
  --ids IDS                  Comma
separated list of values. Values containing comma should be quoted or
escaped with backslash
```

--order ORDER	Sort field
and order, eg. 'name DESC'	
--organization ORGANIZATION_NAME	Organization
name to search by	
--organization-id ORGANIZATION_ID	organization
ID	
--organization-label ORGANIZATION_LABEL	Organization
label to search by	
--packages-restrict-applicable PACKAGES_RESTRICT_APPLICABLE	Only show
packages that are applicable to hosts (defaults to true if	host_id is
specified)	
	One of
true/false, yes/no, 1/0.	
--packages-restrict-upgradable PACKAGES_RESTRICT_UPGRADABLE	Only show
packages that are upgradable in the host(s) Content View.	
	One of
true/false, yes/no, 1/0.	
--page PAGE	Page
number, starting at 1	
--per-page PER_PAGE	Number of
results per page to return	
--product PRODUCT_NAME	Product
name to search by	
--product-id PRODUCT_ID	product
numeric identifier	
--repository REPOSITORY_NAME	Repository
name to search by	
--repository-id REPOSITORY_ID	repository
ID	
--search SEARCH	Search
string	
-h, --help	print help

10.40. HAMMER PACKAGE-GROUP

Manipulate package groups

```
Usage:
    hammer package-group [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND                subcommand
    [ARG] ...                 subcommand arguments

Subcommands:
    info                      Show a package group
    list                      List package_groups

Options:
    -h, --help                print help
```

10.40.1. hammer package-group info

Show a package group

Usage:

```
hammer package-group info [OPTIONS]
```

Options:

```
--id ID                a package group identifier
--name NAME            Name to search by
--repository REPOSITORY_NAME Repository name to search by
--repository-id REPOSITORY_ID repository ID
-h, --help            print help
```

10.40.2. hammer package-group list

List package_groups

Usage:

```
hammer package-group list [OPTIONS]
```

Options:

```
--by BY                Field to sort the
results on
--content-view CONTENT_VIEW_NAME Content view name to
search by
--content-view-filter CONTENT_VIEW_FILTER_NAME Name to search by
--content-view-filter-id CONTENT_VIEW_FILTER_ID filter identifier
--content-view-id CONTENT_VIEW_ID content view numeric
identifier
--content-view-version CONTENT_VIEW_VERSION_VERSION Content view version
number
--content-view-version-id CONTENT_VIEW_VERSION_ID Content view version
identifier
--environment ENVIRONMENT_NAME Environment name
--environment-id ENVIRONMENT_ID
--full-result FULL_RESULT Whether or not to
show all results
yes/no, 1/0.
--ids IDS              ids to filter
content by
Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--order ORDER          Sort field and
order, eg. 'name DESC'
--organization ORGANIZATION_NAME Organization name to
search by
--organization-id ORGANIZATION_ID organization ID
--organization-label ORGANIZATION_LABEL Organization label
to search by
--page PAGE            Page number,
starting at 1
--per-page PER_PAGE    Number of results
per page to return
--product PRODUCT_NAME Product name to
```

```

search by
  --product-id PRODUCT_ID          product numeric
identifier
  --repository REPOSITORY_NAME      Repository name to
search by
  --repository-id REPOSITORY_ID      repository ID
  --search SEARCH                    Search string
  -h, --help                         print help

```

10.41. HAMMER PARTITION-TABLE

Manipulate partition tables.

```

Usage:
  hammer partition-table [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:
  add-operatingsystem  Associate an operating system
  create              Create a partition table
  delete              Delete a partition table
  dump                View partition table content.
  info                Show a partition table
  list                List all partition tables
  remove-operatingsystem Disassociate an operating system
  update              Update a partition table

Options:
  -h, --help          print help

```

10.41.1. hammer partition-table add-operatingsystem

Associate an operating system

```

Usage:
  hammer partition-table add-operatingsystem [OPTIONS]

Options:
  --id ID                Partition table name
  --name NAME            Partition table name
  --operatingsystem OPERATINGSYSTEM_TITLE Operating system title
  --operatingsystem-id OPERATINGSYSTEM_ID
  -h, --help             print help

```

10.41.2. hammer partition-table create

Create a partition table

```

Usage:
  hammer partition-table create [OPTIONS]

```

Options:

```

--audit-comment AUDIT_COMMENT
--file LAYOUT                                Path to a file that contains
the partition layout
--host-ids HOST_IDS                          Array of host IDs to associate
with the partition table
values. Values containing comma should be quoted or escaped with backslash
--hostgroup-ids HOSTGROUP_IDS               Array of host group IDs to
associate with the partition table
values. Values containing comma should be quoted or escaped with backslash
--hostgroup-titles HOSTGROUP_TITLES         Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--hostgroups HOSTGROUP_NAMES               Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--hosts HOST_NAMES                        Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--location-ids LOCATION_IDS                REPLACE locations with given
ids
values. Values containing comma should be quoted or escaped with backslash
--location-titles LOCATION_TITLES          Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--locations LOCATION_NAMES                 Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--locked LOCKED                            Whether or not the template is
locked for editing
1/0.
--name NAME
--operatingsystem-ids OPERATINGSYSTEM_IDS   Array of operating system IDs
to associate with the partition table
values. Values containing comma should be quoted or escaped with backslash
--operatingsystems OPERATINGSYSTEM_TITLES  Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organization-ids ORGANIZATION_IDS        REPLACE organizations with
given ids.
values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES  Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES         Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--os-family OS_FAMILY
--snippet SNIPPET                          One of true/false, yes/no,
1/0.
-h, --help                                print help

```

10.41.3. hammer partition-table delete

Delete a partition table


```
Usage:
    hammer partition-table delete [OPTIONS]
```

```
Options:
  --id ID                Partition table name
  --name NAME            print help
  -h, --help
```

10.41.4. hammer partition-table dump

View partition table content.

```
Usage:
    hammer partition-table dump [OPTIONS]
```

```
Options:
  --id ID                Partition table name
  --name NAME            print help
  -h, --help
```

10.41.5. hammer partition-table info

Show a partition table

```
Usage:
    hammer partition-table info [OPTIONS]
```

```
Options:
  --id ID                Partition table name
  --name NAME            print help
  -h, --help
```

10.41.6. hammer partition-table list

List all partition tables

```
Usage:
    hammer partition-table list [OPTIONS]
```

```
Options:
  --location LOCATION_NAME      Location name
  --location-id LOCATION_ID
  --location-title LOCATION_TITLE      Location title
  --operatingsystem OPERATINGSYSTEM_TITLE      Operating system title
  --operatingsystem-id OPERATINGSYSTEM_ID
  --order ORDER                sort results
  --organization ORGANIZATION_NAME      Organization name
  --organization-id ORGANIZATION_ID      organization ID
  --organization-title ORGANIZATION_TITLE      Organization title
  --page PAGE                  paginate results
  --per-page PER_PAGE          number of entries per request
  --search SEARCH              filter results
  -h, --help                  print help
```

10.41.7. hammer partition-table remove-operatingsystem

Disassociate an operating system

Usage:

```
hammer partition-table remove-operatingsystem [OPTIONS]
```

Options:

```
--id ID
--name NAME                      Partition table name
--operatingsystem OPERATINGSYSTEM_TITLE Operating system title
--operatingsystem-id OPERATINGSYSTEM_ID
-h, --help                      print help
```

10.41.8. hammer partition-table update

Update a partition table

Usage:

```
hammer partition-table update [OPTIONS]
```

Options:

```
--audit-comment AUDIT_COMMENT
--file LAYOUT                    Path to a file that contains
the partition layout
--host-ids HOST_IDS              Array of host IDs to associate
with the partition table
                                Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--hostgroup-ids HOSTGROUP_IDS   Array of host group IDs to
associate with the partition table
                                Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--hostgroup-titles HOSTGROUP_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--hostgroups HOSTGROUP_NAMES    Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--hosts HOST_NAMES              Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--id ID
--location-ids LOCATION_IDS     REPLACE locations with given
ids
                                Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--location-titles LOCATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--locations LOCATION_NAMES      Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--locked LOCKED                 Whether or not the template is
locked for editing
                                One of true/false, yes/no,
1/0.
--name NAME                      Partition table name
--new-name NEW_NAME
--operatingsystem-ids OPERATINGSYSTEM_IDS Array of operating system IDs
```

```

to associate with the partition table
                                Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--operatingsystems OPERATINGSYSTEM_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organization-ids ORGANIZATION_IDS REPLACE organizations with
given ids.
                                Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--os-family OS_FAMILY
--snippet SNIPPET One of true/false, yes/no,
1/0.
-h, --help print help

```

10.42. HAMMER PING

Get the status of the server

```

Usage:
    hammer ping [OPTIONS]

Options:
    -h, --help print help

```

10.43. HAMMER POLICY

Manipulate policies

```

Usage:
    hammer policy [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND subcommand
    [ARG] ... subcommand arguments

Subcommands:
    create Create a Policy
    delete Delete a Policy
    info Show a Policy
    list List Policies
    update Update a Policy

Options:
    -h, --help print help

```

10.43.1. hammer policy create

Create a Policy

Usage:

```
hammer policy create [OPTIONS]
```

Options:

```
--cron-line CRON_LINE           Policy schedule
cron line (only if period == "custom")
--day-of-month DAY_OF_MONTH      Policy schedule
day of month (only if period == "monthly")
--description DESCRIPTION        Policy description
--hostgroup-ids HOSTGROUP_IDS    Apply policy to
host groups                      Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--hostgroups HOSTGROUP_NAMES     Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--location-ids LOCATION_IDS      REPLACE locations
with given ids                  Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--locations LOCATION_NAMES       Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--name NAME                      Policy name
--organization-ids ORGANIZATION_IDS REPLACE
organizations with given ids.   Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--organizations ORGANIZATION_NAMES Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--period PERIOD                  Policy schedule
period (weekly, monthly, custom)
--scap-content SCAP_CONTENT_TITLE SCAP content title
--scap-content-id SCAP_CONTENT_ID
--scap-content-profile-id SCAP_CONTENT_PROFILE_ID Policy SCAP content
profile ID
--tailoring-file TAILORING_FILE_NAME Tailoring file
name
--tailoring-file-id TAILORING_FILE_ID
--tailoring-file-profile-id TAILORING_FILE_PROFILE_ID Tailoring file
profile ID
--weekday WEEKDAY                Policy schedule
weekday (only if period == "weekly")
-h, --help                       print help
```

10.43.2. hammer policy delete

Delete a Policy

Usage:

```
hammer policy delete [OPTIONS]
```

```
Options:
  --id ID                        Name to search by
  --name NAME                    print help
  -h, --help
```

10.43.3. hammer policy info

Show a Policy

```
Usage:
  hammer policy info [OPTIONS]

Options:
  --id ID                        Name to search by
  --name NAME                    print help
  -h, --help
```

10.43.4. hammer policy list

List Policies

```
Usage:
  hammer policy list [OPTIONS]

Options:
  --order ORDER                sort results
  --page PAGE                  paginate results
  --per-page PER_PAGE          number of entries per request
  --search SEARCH              filter results
  -h, --help                  print help
```

10.43.5. hammer policy update

Update a Policy

```
Usage:
  hammer policy update [OPTIONS]

Options:
  --cron-line CRON_LINE        Policy schedule
cron line (only if period == "custom")
  --day-of-month DAY_OF_MONTH  Policy schedule
day of month (only if period == "monthly")
  --description DESCRIPTION    Policy description
  --hostgroup-ids HOSTGROUP_IDS Apply policy to
host groups
Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --hostgroups HOSTGROUP_NAMES Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
```

```

--id ID
--location-ids LOCATION_IDS          REPLACE locations
with given ids

Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--locations LOCATION_NAMES          Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--name NAME                          Policy name
--new-name NEW_NAME                  Policy name
--organization-ids ORGANIZATION_IDS REPLACE
organizations with given ids.

Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--organizations ORGANIZATION_NAMES Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
--period PERIOD                      Policy schedule
period (weekly, monthly, custom)
--scap-content SCAP_CONTENT_TITLE    SCAP content title
--scap-content-id SCAP_CONTENT_ID
--scap-content-profile-id SCAP_CONTENT_PROFILE_ID Policy SCAP content
profile ID
--tailoring-file TAILORING_FILE_NAME Tailoring file
name
--tailoring-file-id TAILORING_FILE_ID
--tailoring-file-profile-id TAILORING_FILE_PROFILE_ID Tailoring file
profile ID
--weekday WEEKDAY                    Policy schedule
weekday (only if period == "weekly")
-h, --help                          print help

```

10.44. HAMMER PRODUCT

Manipulate products.

```

Usage:
    hammer product [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND          subcommand
    [ARG] ...           subcommand arguments

Subcommands:
    create              Create a product
    delete              Destroy a product
    info                Show a product
    list                List products
    remove-sync-plan    Delete assignment sync plan and product.
    set-sync-plan        Assign sync plan to product.
    synchronize         Sync all repositories for a product
    update              Updates a product

```

```
Options:
  -h, --help                print help
```

10.44.1. hammer product create

Create a product

```
Usage:
  hammer product create [OPTIONS]

Options:
  --description DESCRIPTION      Product description
  --gpg-key GPG_KEY_NAME        Name to search by
  --gpg-key-id GPG_KEY_ID       gpg key numeric identifier
  --label LABEL
  --name NAME                   Product name
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  --sync-plan SYNC_PLAN_NAME    Sync plan name to search by
  --sync-plan-id SYNC_PLAN_ID   sync plan numeric identifier
  -h, --help                   print help
```

10.44.2. hammer product delete

Destroy a product

```
Usage:
  hammer product delete [OPTIONS]

Options:
  --id ID                      product numeric identifier
  --name NAME                  Product name to search by
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  -h, --help                  print help
```

10.44.3. hammer product info

Show a product

```
Usage:
  hammer product info [OPTIONS]

Options:
  --id ID                      product numeric identifier
  --name NAME                  Product name to search by
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  -h, --help                  print help
```

10.44.4. hammer product list

List products

Usage:

```
hammer product list [OPTIONS]
```

Options:

<code>--available-for AVAILABLE_FOR</code>	Interpret
specified object to return only Products that can be associated	with specified
object. Only 'sync_plan' is supported.	
<code>--by BY</code>	Field to sort
the results on	
<code>--custom CUSTOM</code>	Filter products
by custom	
	One of
true/false, yes/no, 1/0.	
<code>--enabled ENABLED</code>	Filter products
by enabled or disabled	
	One of
true/false, yes/no, 1/0.	
<code>--full-result FULL_RESULT</code>	Whether or not to
show all results	
	One of
true/false, yes/no, 1/0.	
<code>--include-available-content INCLUDE_AVAILABLE_CONTENT</code>	Whether to include
available content attribute in results	
	One of
true/false, yes/no, 1/0.	
<code>--name NAME</code>	Filter products
by name	
<code>--order ORDER</code>	Sort field and
order, eg. 'name DESC'	
<code>--organization ORGANIZATION_NAME</code>	Organization name
to search by	
<code>--organization-id ORGANIZATION_ID</code>	organization ID
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label
to search by	
<code>--page PAGE</code>	Page number,
starting at 1	
<code>--per-page PER_PAGE</code>	Number of results
per page to return	
<code>--search SEARCH</code>	Search string
<code>--subscription SUBSCRIPTION_NAME</code>	Subscription name
to search by	
<code>--subscription-id SUBSCRIPTION_ID</code>	Subscription
identifier	
<code>--sync-plan SYNC_PLAN_NAME</code>	Sync plan name to
search by	
<code>--sync-plan-id SYNC_PLAN_ID</code>	sync plan numeric
identifier	
<code>-h, --help</code>	print help

10.44.5. hammer product remove-sync-plan

Delete assignment sync plan and product.

Usage:

```
hammer product remove-sync-plan [OPTIONS]
```

Options:

<code>--description DESCRIPTION</code>	Product description
<code>--gpg-key GPG_KEY_NAME</code>	Name to search by
<code>--gpg-key-id GPG_KEY_ID</code>	gpg key numeric identifier
<code>--id ID</code>	product numeric identifier
<code>--name NAME</code>	Product name to search by
<code>--new-name NEW_NAME</code>	Product name
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	organization ID
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>-h, --help</code>	print help

10.44.6. hammer product set-sync-plan

Assign sync plan to product.

Usage:

```
hammer product set-sync-plan [OPTIONS]
```

Options:

<code>--gpg-key GPG_KEY_NAME</code>	Name to search by
<code>--gpg-key-id GPG_KEY_ID</code>	gpg key numeric identifier
<code>--id ID</code>	product numeric identifier
<code>--name NAME</code>	Product name to search by
<code>--new-name NEW_NAME</code>	Product name
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	organization ID
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>--sync-plan SYNC_PLAN_NAME</code>	Sync plan name to search by
<code>--sync-plan-id SYNC_PLAN_ID</code>	sync plan numeric identifier
<code>-h, --help</code>	print help

10.44.7. hammer product synchronize

Sync all repositories for a product

Usage:

```
hammer product synchronize [OPTIONS]
```

Options:

<code>--async</code>	Do not wait for the task
<code>--id ID</code>	product ID
<code>--name NAME</code>	Product name to search by
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	organization ID
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>-h, --help</code>	print help

10.44.8. hammer product update

Updates a product

Usage:

```
hammer product update [OPTIONS]
```

Options:

<code>--description DESCRIPTION</code>	Product description
<code>--gpg-key GPG_KEY_NAME</code>	Name to search by
<code>--gpg-key-id GPG_KEY_ID</code>	gpg key numeric identifier
<code>--id ID</code>	product numeric identifier
<code>--name NAME</code>	Product name to search by
<code>--new-name NEW_NAME</code>	Product name
<code>--organization ORGANIZATION_NAME</code>	Organization name to search by
<code>--organization-id ORGANIZATION_ID</code>	organization ID
<code>--organization-label ORGANIZATION_LABEL</code>	Organization label to search by
<code>--sync-plan SYNC_PLAN_NAME</code>	Sync plan name to search by
<code>--sync-plan-id SYNC_PLAN_ID</code>	sync plan numeric identifier
<code>-h, --help</code>	print help

10.45. HAMMER PROXY

Manipulate smart proxies.

Usage:

```
hammer proxy [OPTIONS] SUBCOMMAND [ARG] ...
```

Parameters:

<code>SUBCOMMAND</code>	subcommand
<code>[ARG] ...</code>	subcommand arguments

Subcommands:

<code>content</code>	Manage the capsule content
<code>create</code>	Create a capsule
<code>delete</code>	Delete a capsule
<code>import-classes</code>	Import puppet classes from puppet Capsule.
<code>info</code>	Show a capsule
<code>list</code>	List all capsules
<code>refresh-features</code>	Refresh capsule features
<code>update</code>	Update a capsule

Options:

<code>-h, --help</code>	print help
-------------------------	------------

10.45.1. hammer proxy content

Manage the capsule content

Usage:

```
hammer proxy content [OPTIONS] SUBCOMMAND [ARG] ...
```

Parameters:

<code>SUBCOMMAND</code>	subcommand
-------------------------	------------

[ARG] ... subcommand arguments

Subcommands:

add-lifecycle-environment	Add lifecycle environments to the capsule
available-lifecycle-environments	List the lifecycle environments not attached to the capsule
cancel-synchronization	Cancel running capsule synchronization.
info	Get current capsule synchronization status
lifecycle-environments	List the lifecycle environments attached to the capsule
remove-lifecycle-environment	Remove lifecycle environments from the capsule
synchronization-status	Get current capsule synchronization status
synchronize	Synchronize the content to the capsule

Options:

-h, --help print help

10.45.1.1. hammer proxy content add-lifecycle-environment

Add lifecycle environments to the capsule

Usage:

hammer proxy content add-lifecycle-environment [OPTIONS]

Options:

--environment ENVIRONMENT_NAME	Environment name
--environment-id ENVIRONMENT_ID	
--id ID	Id of the capsule
--name NAME	Name to search by
--organization NAME	Organization name
--organization-id ID	Organization ID
-h, --help	print help

10.45.1.2. hammer proxy content available-lifecycle-environments

List the lifecycle environments not attached to the capsule

Usage:

hammer proxy content available-lifecycle-environments [OPTIONS]

Options:

--id ID	Id of the capsule
--name NAME	Name to search by
--organization ORGANIZATION_NAME	Organization name to search by
--organization-id ORGANIZATION_ID	organization ID
--organization-label ORGANIZATION_LABEL	Organization label to search by
-h, --help	print help

10.45.1.3. hammer proxy content cancel-synchronization

Cancel running capsule synchronization.

```
Usage:
  hammer proxy content cancel-synchronization [OPTIONS]

Options:
  --id ID                Id of the capsule
  --name NAME            Name to search by
  -h, --help            print help
```

10.45.1.4. hammer proxy content info

Get current capsule synchronization status

```
Usage:
  hammer proxy content info [OPTIONS]

Options:
  --id ID                Id of the capsule
  --name NAME            Name to search by
  --organization ORGANIZATION_NAME  Organization name to search by
  --organization-id ORGANIZATION_ID  organization ID
  --organization-label ORGANIZATION_LABEL  Organization label to search by
  -h, --help            print help
```

10.45.1.5. hammer proxy content lifecycle-environments

List the lifecycle environments attached to the capsule

```
Usage:
  hammer proxy content lifecycle-environments [OPTIONS]

Options:
  --id ID                Id of the capsule
  --name NAME            Name to search by
  --organization ORGANIZATION_NAME  Organization name to search by
  --organization-id ORGANIZATION_ID  organization ID
  --organization-label ORGANIZATION_LABEL  Organization label to search by
  -h, --help            print help
```

10.45.1.6. hammer proxy content remove-lifecycle-environment

Remove lifecycle environments from the capsule

```
Usage:
  hammer proxy content remove-lifecycle-environment [OPTIONS]

Options:
  --environment ENVIRONMENT_NAME  Environment name
  --environment-id ENVIRONMENT_ID
  --id ID                Id of the capsule
  --name NAME            Name to search by
```

<code>--organization NAME</code>	Organization name
<code>--organization-id ID</code>	Organization ID
<code>-h, --help</code>	print help

10.45.1.7. hammer proxy content synchronization-status

Get current capsule synchronization status

```
Usage:
  hammer proxy content synchronization-status [OPTIONS]

Options:
  --id ID                Id of the capsule
  --name NAME            Name to search by
  --organization ORGANIZATION_NAME  Organization name to search by
  --organization-id ORGANIZATION_ID  organization ID
  --organization-label ORGANIZATION_LABEL  Organization label to search by
  -h, --help            print help
```

10.45.1.8. hammer proxy content synchronize

Synchronize the content to the capsule

```
Usage:
  hammer proxy content synchronize [OPTIONS]

Options:
  --async                Do not wait for the task
  --environment ENVIRONMENT_NAME  Environment name
  --environment-id ENVIRONMENT_ID
  --id ID                Id of the capsule
  --name NAME            Name to search by
  --organization NAME     Organization name
  --organization-id ID    Organization ID
  --skip-metadata-check SKIP_METADATA_CHECK  Skip metadata check on each
repository on the capsule
  1/0.                  One of true/false, yes/no,
  -h, --help            print help
```

10.45.2. hammer proxy create

Create a capsule

```
Usage:
  hammer proxy create [OPTIONS]

Options:
  --download-policy DOWNLOAD_POLICY  Download Policy of the capsule,
must be one of immediate, on_demand,
background, inherit
  --location-ids LOCATION_IDS        REPLACE locations with given
ids
                                     Comma separated list of
```

```

values. Values containing comma should be quoted or escaped with backslash
--location-titles LOCATION_TITLES      Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--locations LOCATION_NAMES             Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--name NAME                            REPLACE organizations with
given ids.
                                         Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES     Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--url URL
-h, --help                             print help

```

10.45.3. hammer proxy delete

Delete a capsule

```

Usage:
    hammer proxy delete [OPTIONS]

Options:
  --id ID                        Name to search by
  --name NAME                    print help
  -h, --help

```

10.45.4. hammer proxy import-classes

Import puppet classes from puppet Capsule.

```

Usage:
    hammer proxy import-classes [OPTIONS]

Options:
  --dryrun                      Do not run the import
  --environment ENVIRONMENT_NAME Environment name
  --environment-id ENVIRONMENT_ID
  --except EXCEPT            Optional comma-delimited string
containing either 'new',      'updated', or 'obsolete' that is used
to limit the imported        Puppet classes
  --id ID
  --name NAME                  Name to search by
  -h, --help                  print help

```

10.45.5. hammer proxy info

Show a capsule

```
Usage:
  hammer proxy info [OPTIONS]

Options:
  --id ID                      Name to search by
  --name NAME                  print help
  -h, --help
```

10.45.6. hammer proxy list

List all capsules

```
Usage:
  hammer proxy list [OPTIONS]

Options:
  --location LOCATION_NAME      Location name
  --location-id LOCATION_ID
  --location-title LOCATION_TITLE Location title
  --order ORDER                 sort results
  --organization ORGANIZATION_NAME Organization name
  --organization-id ORGANIZATION_ID organization ID
  --organization-title ORGANIZATION_TITLE Organization title
  --page PAGE                   paginate results
  --per-page PER_PAGE           number of entries per request
  --search SEARCH               filter results
  -h, --help                   print help
```

10.45.7. hammer proxy refresh-features

Refresh capsule features

```
Usage:
  hammer proxy refresh-features [OPTIONS]

Options:
  --id ID                      Name to search by
  --name NAME                  print help
  -h, --help
```

10.45.8. hammer proxy update

Update a capsule

```
Usage:
  hammer proxy update [OPTIONS]

Options:
  --download-policy DOWNLOAD_POLICY Download Policy of the capsule,
must be one of immediate, on_demand, background, inherit
  --id ID
  --location-ids LOCATION_IDS      REPLACE locations with given
```

```

ids
Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--location-titles LOCATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--locations LOCATION_NAMES Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--name NAME Name to search by
--new-name NEW_NAME
--organization-ids ORGANIZATION_IDS REPLACE organizations with
given ids.
Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--url URL
-h, --help print help

```

10.46. HAMMER PUPPET-CLASS

Search puppet modules.

```

Usage:
  hammer puppet-class [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:
  info                Show a Puppet class
  list                List all Puppet classes
  sc-params            List all smart class parameters
  smart-variables      List all smart variables

Options:
  -h, --help          print help

```

10.46.1. hammer puppet-class info

Show a Puppet class

```

Usage:
  hammer puppet-class info [OPTIONS]

Options:
  --environment ENVIRONMENT_NAME Environment name
  --environment-id ENVIRONMENT_ID
  --host HOST_NAME                Host name
  --host-id HOST_ID
  --hostgroup HOSTGROUP_NAME      Hostgroup name
  --hostgroup-id HOSTGROUP_ID

```



```

--hostgroup-title HOSTGROUP_TITLE Hostgroup title
--id ID                             ID of Puppet class
--name NAME                         Puppet class name
-h, --help                         print help

```

10.46.2. hammer puppet-class list

List all Puppet classes

Usage:

```
hammer puppet-class list [OPTIONS]
```

Options:

```

--environment ENVIRONMENT_NAME      Environment name
--environment-id ENVIRONMENT_ID
--host HOST_NAME                     Host name
--host-id HOST_ID
--hostgroup HOSTGROUP_NAME           Hostgroup name
--hostgroup-id HOSTGROUP_ID
--hostgroup-title HOSTGROUP_TITLE    Hostgroup title
--order ORDER                        sort results
--page PAGE                          paginate results
--per-page PER_PAGE                  number of entries per request
--search SEARCH                      filter results
-h, --help                          print help

```

10.46.3. hammer puppet-class sc-params

List all smart class parameters

Usage:

```
hammer puppet-class sc-params [OPTIONS]
```

Options:

```

--order ORDER                        sort results
--page PAGE                          paginate results
--per-page PER_PAGE                  number of entries per request
--puppet-class PUPPET_CLASS_NAME     Puppet class name
--puppet-class-id PUPPET_CLASS_ID    ID of Puppet class
--search SEARCH                      filter results
--show-hidden SHOW_HIDDEN            Display hidden values
                                     One of true/false, yes/no, 1/0.
-h, --help                          print help

```

10.46.4. hammer puppet-class smart-variables

List all smart variables

Usage:

```
hammer puppet-class smart-variables [OPTIONS]
```

Options:

```
--order ORDER                        sort results
```

```

--page PAGE                paginate results
--per-page PER_PAGE        number of entries per request
--puppet-class PUPPET_CLASS_NAME Puppet class name
--puppet-class-id PUPPET_CLASS_ID ID of Puppet class
--search SEARCH            filter results
--show-hidden SHOW_HIDDEN Display hidden values
                           One of true/false, yes/no, 1/0.
-h, --help                print help

```

10.47. HAMMER PUPPET-MODULE

View Puppet Module details.

```

Usage:
  hammer puppet-module [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:
  info                Show a puppet module
  list                List puppet_modules

Options:
  -h, --help          print help

```

10.47.1. hammer puppet-module info

Show a puppet module

```

Usage:
  hammer puppet-module info [OPTIONS]

Options:
  --id ID              a puppet module identifier
  --name NAME          Name to search by
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  --repository REPOSITORY_NAME Repository name to search by
  --repository-id REPOSITORY_ID repository ID
  -h, --help          print help

```

10.47.2. hammer puppet-module list

List puppet_modules

```

Usage:
  hammer puppet-module list [OPTIONS]

Options:
  --by BY              Field to sort the

```

```

results on
  --content-view CONTENT_VIEW_NAME          Content view name to
search by
  --content-view-filter CONTENT_VIEW_FILTER_NAME      Name to search by
  --content-view-filter-id CONTENT_VIEW_FILTER_ID      filter identifier
  --content-view-id CONTENT_VIEW_ID                  content view numeric
identifier
  --content-view-version CONTENT_VIEW_VERSION_VERSION Content view version
number
  --content-view-version-id CONTENT_VIEW_VERSION_ID    Content view version
identifier
  --environment ENVIRONMENT_NAME                    Environment name
  --environment-id ENVIRONMENT_ID
  --full-result FULL_RESULT                          Whether or not to
show all results                                     One of true/false,
yes/no, 1/0.
  --ids IDS                                           ids to filter
content by                                           Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  --order ORDER                                       Sort field and
order, eg. 'name DESC'
  --organization ORGANIZATION_NAME                  Organization name to
search by
  --organization-id ORGANIZATION_ID                  organization ID
  --organization-label ORGANIZATION_LABEL            Organization label
to search by
  --page PAGE                                         Page number,
starting at 1
  --per-page PER_PAGE                                Number of results
per page to return
  --product PRODUCT_NAME                             Product name to
search by
  --product-id PRODUCT_ID                             product numeric
identifier
  --repository REPOSITORY_NAME                       Repository name to
search by
  --repository-id REPOSITORY_ID                       repository ID
  --search SEARCH                                     Search string
  -h, --help                                         print help

```

10.48. HAMMER REALM

Manipulate realms.

```

Usage:
  hammer realm [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:

```

create	Create a realm
delete	Delete a realm
info	Show a realm
list	List of realms
update	Update a realm

Options:

-h, --help	print help
------------	------------

10.48.1. hammer realm create

Create a realm

Usage:

```
hammer realm create [OPTIONS]
```

Options:

--location-ids LOCATION_IDS	REPLACE locations with given
ids	Comma separated list of
values. Values containing comma should be quoted or escaped with backslash	
--location-titles LOCATION_TITLES	Comma separated list of values.
Values containing comma should be quoted or escaped with backslash	
--locations LOCATION_NAMES	Comma separated list of
values. Values containing comma should be quoted or escaped with backslash	
--name NAME	The realm name, e.g.
EXAMPLE.COM	
--organization-ids ORGANIZATION_IDS	REPLACE organizations with
given ids.	Comma separated list of
values. Values containing comma should be quoted or escaped with backslash	
--organization-titles ORGANIZATION_TITLES	Comma separated list of values.
Values containing comma should be quoted or escaped with backslash	
--organizations ORGANIZATION_NAMES	Comma separated list of values.
Values containing comma should be quoted or escaped with backslash	
--realm-proxy-id REALM_PROXY_ID	Capsule ID to use within this
realm	
--realm-type REALM_TYPE	Realm type, e.g. Red Hat
Identity Management or Active Directory	
-h, --help	print help

10.48.2. hammer realm delete

Delete a realm

Usage:

```
hammer realm delete [OPTIONS]
```

Options:

--id ID	
--name NAME	Name to search by
-h, --help	print help

10.48.3. hammer realm info

Show a realm

```
Usage:
    hammer realm info [OPTIONS]

Options:
    --id ID                Numerical ID or realm name
    --name NAME            Name to search by
    -h, --help            print help
```

10.48.4. hammer realm list

List of realms

```
Usage:
    hammer realm list [OPTIONS]

Options:
    --location LOCATION_NAME      Location name
    --location-id LOCATION_ID
    --location-title LOCATION_TITLE Location title
    --order ORDER                sort results
    --organization ORGANIZATION_NAME Organization name
    --organization-id ORGANIZATION_ID organization ID
    --organization-title ORGANIZATION_TITLE Organization title
    --page PAGE                  paginate results
    --per-page PER_PAGE          number of entries per request
    --search SEARCH              filter results
    -h, --help                  print help
```

10.48.5. hammer realm update

Update a realm

```
Usage:
    hammer realm update [OPTIONS]

Options:
    --id ID
    --location-ids LOCATION_IDS      REPLACE locations with given
ids                                Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
    --location-titles LOCATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
    --locations LOCATION_NAMES      Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
    --name NAME                    Name to search by
    --new-name NEW_NAME            The realm name, e.g.
EXAMPLE.COM
    --organization-ids ORGANIZATION_IDS REPLACE organizations with
given ids.
```

```

values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--realm-proxy-id REALM_PROXY_ID Capsule ID to use within this
realm
--realm-type REALM_TYPE Realm type, e.g. Red Hat
Identity Management or Active Directory
-h, --help print help

```

10.49. HAMMER RECURRING-LOGIC

Recurring logic related actions.

```

Usage:
    hammer recurring-logic [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND          subcommand
    [ARG] ...           subcommand arguments

Subcommands:
    cancel              Cancel recurring logic
    info               Show recurring logic details
    list               List recurring logics

Options:
    -h, --help          print help

```

10.49.1. hammer recurring-logic cancel

Cancel recurring logic

```

Usage:
    hammer recurring-logic cancel [OPTIONS]

Options:
    --id ID              ID of the recurring logic
    --name NAME          Name to search by
    -h, --help          print help

```

10.49.2. hammer recurring-logic info

Show recurring logic details

```

Usage:
    hammer recurring-logic info [OPTIONS]

Options:

```

```
--id ID           ID of the recurring logic
--name NAME       Name to search by
-h, --help       print help
```

10.49.3. hammer recurring-logic list

List recurring logics

```
Usage:
  hammer recurring-logic list [OPTIONS]

Options:
  -h, --help           print help
```

10.50. HAMMER REMOTE-EXECUTION-FEATURE

Manage remote execution features

```
Usage:
  hammer remote-execution-feature [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND           subcommand
  [ARG] ...            subcommand arguments

Subcommands:
  info                 Show remote execution feature
  list                 List remote execution features
  update               Update a job template

Options:
  -h, --help           print help
```

10.50.1. hammer remote-execution-feature info

Show remote execution feature

```
Usage:
  hammer remote-execution-feature info [OPTIONS]

Options:
  --id ID           Name to search by
  --name NAME       Name to search by
  -h, --help       print help
```

10.50.2. hammer remote-execution-feature list

List remote execution features

```
Usage:
  hammer remote-execution-feature list [OPTIONS]
```

```
Options:
  -h, --help                print help
```

10.50.3. hammer remote-execution-feature update

Update a job template

```
Usage:
  hammer remote-execution-feature update [OPTIONS]

Options:
  --id ID                      Name to search by
  --job-template JOB_TEMPLATE_NAME  Name to search by
  --job-template-id JOB_TEMPLATE_ID
  --name NAME                  Name to search by
  --new-name NEW_NAME
  -h, --help                  print help
```

10.51. HAMMER REPORT

Browse and read reports.

```
Usage:
  hammer report [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND                subcommand
  [ARG] ...                 subcommand arguments

Subcommands:
  delete                    Delete a report
  info                     Show a report
  list                     List all reports

Options:
  -h, --help                print help
```

10.51.1. hammer report delete

Delete a report

```
Usage:
  hammer report delete [OPTIONS]

Options:
  --id ID
  -h, --help                print help
```

10.51.2. hammer report info

Show a report


```
Usage:
  hammer report info [OPTIONS]

Options:
  --id ID                print ID
  -h, --help             print help
```

10.51.3. hammer report list

List all reports

```
Usage:
  hammer report list [OPTIONS]

Options:
  --order ORDER          sort results
  --page PAGE            paginate results
  --per-page PER_PAGE    number of entries per request
  --search SEARCH        filter results
  -h, --help             print help
```

10.52. HAMMER REPOSITORY

Manipulate repositories

```
Usage:
  hammer repository [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND              subcommand
  [ARG] ...               subcommand arguments

Subcommands:
  create                  Create a custom repository
  delete                  Destroy a custom repository
  export                  Export content from a repository to the
configured directory
  info                    Show a repository
  list                    List of enabled repositories
  remove-content          Remove content from a repository
  synchronize             Sync a repository
  update                  Update a repository
  upload-content          Upload content into the repository

Options:
  -h, --help             print help
```

10.52.1. hammer repository create

Create a custom repository

```
Usage:
  hammer repository create [OPTIONS]
```

Options:

- `--checksum-type CHECKSUM_TYPE` checksum of the repository, currently 'sha1' & 'sha256' are supported.
- `--content-type CONTENT_TYPE` type of repository (either 'yum', 'puppet', 'docker', or 'ostree') Possible value(s): 'docker', 'file', 'puppet', 'yum', 'ostree'
- `--docker-upstream-name DOCKER_UPSTREAM_NAME` name of the upstream docker repository
- `--download-policy DOWNLOAD_POLICY` download policy for yum repos (either 'immediate', 'on_demand', or 'background') Possible value(s): 'immediate', 'on_demand', 'background'
- `--gpg-key GPG_KEY_NAME` Name to search by
- `--gpg-key-id GPG_KEY_ID` gpg key numeric identifier
- `--ignore-global-proxy IGNORE_GLOBAL_PROXY` if true, will ignore the globally configured Capsule when syncing. One of true/false, yes/no, 1/0.
- `--label LABEL`
- `--mirror-on-sync MIRROR_ON_SYNC` true if this repository when synced has to be mirrored from the source and stale rpms removed. One of true/false, yes/no, 1/0.
- `--name NAME`
- `--organization ORGANIZATION_NAME` Organization name to search by
- `--organization-id ORGANIZATION_ID` organization ID
- `--organization-label ORGANIZATION_LABEL` Organization label to search by
- `--ostree-upstream-sync-depth OSTREE_UPSTREAM_SYNC_DEPTH` if a custom sync policy is chosen for ostree repositories then a 'depth' value must be provided.
- `--ostree-upstream-sync-policy OSTREE_UPSTREAM_SYNC_POLICY` policies for syncing upstream ostree repositories. Possible value(s): 'latest', 'all', 'custom'
- `--product PRODUCT_NAME` Product name to search by
- `--product-id PRODUCT_ID` product numeric identifier
- `--publish-via-http ENABLE` Publish Via HTTP One of

```

true/false, yes/no, 1/0.
--upstream-password UPSTREAM_PASSWORD      Password of
the upstream repository user used for authentication
--upstream-username UPSTREAM_USERNAME      Username of
the upstream repository user used for authentication
--url URL                                  repository
source url
--verify-ssl-on-sync VERIFY_SSL_ON_SYNC    if true,
Katello will verify the upstream url's SSL certifcates are
signed by a
trusted CA.
One of
true/false, yes/no, 1/0.
-h, --help                                print help

```

10.52.2. hammer repository delete

Destroy a custom repository

```

Usage:
    hammer repository delete [OPTIONS]

Options:
--id ID                                Repository name to search by
--name NAME                            Organization name to search by
--organization ORGANIZATION_NAME      Organization ID to search by
--organization-id ORGANIZATION_ID     Organization label to search by
--organization-label ORGANIZATION_LABEL
--product PRODUCT_NAME                Product name to search by
--product-id PRODUCT_ID               product numeric identifier
-h, --help                            print help

```

10.52.3. hammer repository export

Export content from a repository to the configured directory

```

Usage:
    hammer repository export [OPTIONS]

Options:
--async                                Do not wait for the task
--export-to-iso EXPORT_TO_ISO          Export to ISO format
                                       One of true/false, yes/no, 1/0.
--id ID                                Repository identifier
--iso-mb-size ISO_MB_SIZE              maximum size of each ISO in MB
--name NAME                            Repository name to search by
--organization ORGANIZATION_NAME      Organization name to search by
--organization-id ORGANIZATION_ID     Organization ID to search by
--organization-label ORGANIZATION_LABEL
--product PRODUCT_NAME                Product name to search by
--product-id PRODUCT_ID               product numeric identifier
--since SINCE                         Optional date of last export
(ex: 2010-01-01T12:00:00Z)
-h, --help                            print help

```

10.52.4. hammer repository info

Show a repository

```
Usage:
  hammer repository info [OPTIONS]

Options:
  --id ID                repository ID
  --name NAME            Repository name to search by
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  --product PRODUCT_NAME Product name to search by
  --product-id PRODUCT_ID product numeric identifier
  -h, --help            print help
```

10.52.5. hammer repository list

List of enabled repositories

```
Usage:
  hammer repository list [OPTIONS]

Options:
  --available-for AVAILABLE_FOR interpret specified
object to return only Repositories that can be associated with
specified object. Only 'content_view' is supported.
  --by BY                  Field to sort the
results on                 limit to only
  --content-type CONTENT_TYPE Possible value(s):
repositories of this type  Content view name to
  --content-view CONTENT_VIEW_NAME search by
  --content-view-id CONTENT_VIEW_ID content view numeric
identifier                  Content view version
  --content-view-version CONTENT_VIEW_VERSION_VERSION number
  --content-view-version-id CONTENT_VIEW_VERSION_ID Content view version
identifier                  Environment name
  --environment ENVIRONMENT_NAME
  --environment-id ENVIRONMENT_ID
  --erratum-id ERRATUM_ID   Id of an erratum to
find repositories that contain the erratum
  --full-result FULL_RESULT Whether or not to
show all results           One of true/false,
yes/no, 1/0.
  --library LIBRARY        show repositories
in Library and the default content view
                           One of true/false,
```

```

yes/no, 1/0.
--name NAME                                name of the
repository
--order ORDER                              Sort field and
order, eg. 'name DESC'
--organization ORGANIZATION_NAME           Organization name to
search by
--organization-id ORGANIZATION_ID           organization ID
--organization-label ORGANIZATION_LABEL     Organization label
to search by
--ostree-branch OSTREE_BRANCH_NAME         Name to search by
--ostree-branch-id OSTREE_BRANCH_ID         an ostree branch
identifier
--page PAGE                                Page number,
starting at 1
--per-page PER_PAGE                        Number of results
per page to return
--product PRODUCT_NAME                    Product name to
search by
--product-id PRODUCT_ID                   product numeric
identifier
--rpm-id RPM_ID                           Id of a package to
find repositories that contain the rpm
--search SEARCH                           Search string
-h, --help                                print help

```

10.52.6. hammer repository remove-content

Remove content from a repository

```

Usage:
    hammer repository remove-content [OPTIONS]

Options:
--id ID                repository ID
--ids IDS              Array of content ids to remove
                      Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--name NAME            Repository name to search by
--organization ORGANIZATION_NAME Organization name to search by
--organization-id ORGANIZATION_ID Organization ID to search by
--organization-label ORGANIZATION_LABEL Organization label to search by
--product PRODUCT_NAME Product name to search by
--product-id PRODUCT_ID product numeric identifier
--sync-capsule SYNC_CAPSULE Whether or not to sync an
external capsule after upload. Default: true
One of true/false, yes/no, 1/0.
-h, --help            print help

```

10.52.7. hammer repository synchronize

Sync a repository

```

Usage:

```

```
hammer repository synchronize [OPTIONS]
```

Options:

```
--async                Do not wait for the task
--id ID                repository ID
--incremental INCREMENTAL perform an incremental import
                        One of true/false, yes/no,
```

1/0.

```
--name NAME            Repository name to search by
--organization ORGANIZATION_NAME Organization name to search by
--organization-id ORGANIZATION_ID organization ID
--organization-label ORGANIZATION_LABEL Organization label to search by
--product PRODUCT_NAME Product name to search by
--product-id PRODUCT_ID product numeric identifier
--skip-metadata-check SKIP_METADATA_CHECK Force sync even if no upstream
changes are detected. Only used with yum
```

repositories.

One of true/false, yes/no,

1/0.

```
--source-url SOURCE_URL temporarily override feed URL
for sync
```

```
--validate-contents VALIDATE_CONTENTS Force a sync and validate the
checksums of all content. Only used with yum
```

repositories.

One of true/false, yes/no,

1/0.

```
-h, --help            print help
```

10.52.8. hammer repository update

Update a repository

Usage:

```
hammer repository update [OPTIONS]
```

Options:

```
--checksum-type CHECKSUM_TYPE checksum of
the repository, currently 'sha1' & 'sha256'
supported.'
```

```
--docker-upstream-name DOCKER_UPSTREAM_NAME name of the
upstream docker repository
```

```
--download-policy DOWNLOAD_POLICY download
policy for yum repos (either 'immediate',
or 'background')
```

Possible

```
value(s): 'immediate', 'on_demand', 'background'
```

```
--gpg-key GPG_KEY_NAME Name to
search by
```

```
--gpg-key-id GPG_KEY_ID gpg key
numeric identifier
```

```
--id ID                repository
```

ID

```
--mirror-on-sync MIRROR_ON_SYNC true if this
```

```

repository when synced has to be mirrored from the source and
stale rpms
removed.
One of
true/false, yes/no, 1/0.
Repository
--name NAME
name to search by
--new-name NEW_NAME
New name for
the repository
Organization
--organization ORGANIZATION_NAME
name to search by
Organization
--organization-id ORGANIZATION_ID
ID to search by
Organization
--organization-label ORGANIZATION_LABEL
label to search by
if a custom
--ostree-upstream-sync-depth OSTREE_UPSTREAM_SYNC_DEPTH
sync policy is chosen for ostree repositories then a
'depth'
value must be provided.
policies for
--ostree-upstream-sync-policy OSTREE_UPSTREAM_SYNC_POLICY
syncing upstream ostree repositories.
Possible
value(s): 'latest', 'all', 'custom'
Product name
--product PRODUCT_NAME
to search by
product
--product-id PRODUCT_ID
numeric identifier
Publish Via
--publish-via-http ENABLE
HTTP
One of
true/false, yes/no, 1/0.
Password of
--upstream-password UPSTREAM_PASSWORD
the upstream repository user for authentication
Username of
--upstream-username UPSTREAM_USERNAME
the upstream repository user for authentication
the feed url
--url URL
of the original repository
if true,
--verify-ssl-on-sync VERIFY_SSL_ON_SYNC
Katello will verify the upstream url's SSL certficates are
signed by a
trusted CA.
One of
true/false, yes/no, 1/0.
print help
-h, --help

```

10.52.9. hammer repository upload-content

Upload content into the repository

```

Usage:
    hammer repository upload-content [OPTIONS]

Options:
    --id ID                repository ID
    --name NAME            Repository name to search by

```

```

--organization ORGANIZATION_NAME      Organization name to search by
--organization-id ORGANIZATION_ID      organization ID
--organization-label ORGANIZATION_LABEL Organization label to search by
--path PATH                            Upload file, directory of files,
or glob of files as content for a repository.
                                      Globs must be escaped by single
or double quotes.
--product PRODUCT_NAME                 Product name to search by
--product-id PRODUCT_ID                product numeric identifier
-h, --help                             print help

```

10.53. HAMMER REPOSITORY-SET

Manipulate repository sets on the server

```

Usage:
  hammer repository-set [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND                subcommand
  [ARG] ...                 subcommand arguments

Subcommands:
  available-repositories    Get list of available repositories for the
repository set
  disable                   Disable a repository from the set
  enable                    Enable a repository from the set
  info                      Get info about a repository set
  list                      List repository sets for a product.

Options:
  -h, --help                print help

```

10.53.1. hammer repository-set available-repositories

Get list of available repositories for the repository set

```

Usage:
  hammer repository-set available-repositories [OPTIONS]

Options:
  --id ID                    ID of the repository set
  --name NAME                Repository set name to search by
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  --product PRODUCT_NAME     Product name to search by
  --product-id PRODUCT_ID    product numeric identifier
  -h, --help                 print help

```

10.53.2. hammer repository-set disable

Disable a repository from the set

Usage:
 hammer repository-set disable [OPTIONS]

Options:

--basearch BASEARCH	Basearch to disable
--id ID	ID of the repository set to

disable

--name NAME	Repository set name to search by
--organization ORGANIZATION_NAME	Organization name to search by
--organization-id ORGANIZATION_ID	organization ID
--organization-label ORGANIZATION_LABEL	Organization label to search by
--product PRODUCT_NAME	Product name to search by
--product-id PRODUCT_ID	product numeric identifier
--releasever RELEASEVER	Releasever to disable
-h, --help	print help

10.53.3. hammer repository-set enable

Enable a repository from the set

Usage:
 hammer repository-set enable [OPTIONS]

Options:

--basearch BASEARCH	Basearch to enable
--id ID	ID of the repository set to

enable

--name NAME	Repository set name to search by
--organization ORGANIZATION_NAME	Organization name to search by
--organization-id ORGANIZATION_ID	organization ID
--organization-label ORGANIZATION_LABEL	Organization label to search by
--product PRODUCT_NAME	Product name to search by
--product-id PRODUCT_ID	product numeric identifier
--releasever RELEASEVER	Releasever to enable
-h, --help	print help

10.53.4. hammer repository-set info

Get info about a repository set

Usage:
 hammer repository-set info [OPTIONS]

Options:

--id ID	ID of the repository set
--name NAME	Repository set name to search by
--organization ORGANIZATION_NAME	Organization name to search by
--organization-id ORGANIZATION_ID	organization ID
--organization-label ORGANIZATION_LABEL	Organization label to search by
--product PRODUCT_NAME	Product name to search by
--product-id PRODUCT_ID	product numeric identifier
-h, --help	print help

10.53.5. hammer repository-set list

List repository sets for a product.

```
Usage:
    hammer repository-set list [OPTIONS]

Options:
    --by BY                               Field to sort the results on
    --full-result FULL_RESULT             Whether or not to show all
results                                     results
    --name NAME                           One of true/false, yes/no, 1/0.
    --order ORDER                         Repository set name to search on
DESC '                                   Sort field and order, eg. 'name
    --organization ORGANIZATION_NAME      Organization name to search by
    --organization-id ORGANIZATION_ID     organization ID
    --organization-label ORGANIZATION_LABEL Organization label to search by
    --page PAGE                           Page number, starting at 1
    --per-page PER_PAGE                   Number of results per page to
return
    --product PRODUCT_NAME                Product name to search by
    --product-id PRODUCT_ID               product numeric identifier
    --search SEARCH                       Search string
    -h, --help                           print help
```

10.54. HAMMER ROLE

Manage user roles.

```
Usage:
    hammer role [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND                subcommand
    [ARG] ...                 subcommand arguments

Subcommands:
    clone                     Clone a role
    create                   Create a role
    delete                   Delete a role
    filters                   List all filters
    info                     Show a role
    list                     List all roles
    update                   Update a role

Options:
    -h, --help               print help
```

10.54.1. hammer role clone

Clone a role

```
Usage:
```

```
hammer role clone [OPTIONS]
```

Options:

<code>--description DESCRIPTION</code>	Role description
<code>--id ID</code>	
<code>--location-ids LOCATION_IDS</code>	REPLACE locations with given
ids	
	Comma separated list of
values. Values containing comma should be	quoted or escaped with backslash
<code>--location-titles LOCATION_TITLES</code>	Comma separated list of values.
Values containing comma should be quoted or	escaped with backslash
<code>--locations LOCATION_NAMES</code>	Comma separated list of
values. Values containing comma should be	quoted or escaped with backslash
<code>--name NAME</code>	User role name
<code>--new-name NEW_NAME</code>	
<code>--organization-ids ORGANIZATION_IDS</code>	REPLACE organizations with
given ids.	
	Comma separated list of
values. Values containing comma should be	quoted or escaped with backslash
<code>--organization-titles ORGANIZATION_TITLES</code>	Comma separated list of values.
Values containing comma should be quoted or	escaped with backslash
<code>--organizations ORGANIZATION_NAMES</code>	Comma separated list of values.
Values containing comma should be quoted or	escaped with backslash
<code>-h, --help</code>	print help

10.54.2. hammer role create

Create a role

Usage:

```
hammer role create [OPTIONS]
```

Options:

<code>--description DESCRIPTION</code>	Role description
<code>--location-ids LOCATION_IDS</code>	REPLACE locations with given
ids	
	Comma separated list of
values. Values containing comma should be	quoted or escaped with backslash
<code>--location-titles LOCATION_TITLES</code>	Comma separated list of values.
Values containing comma should be quoted or	escaped with backslash
<code>--locations LOCATION_NAMES</code>	Comma separated list of
values. Values containing comma should be	quoted or escaped with backslash
<code>--name NAME</code>	
<code>--organization-ids ORGANIZATION_IDS</code>	REPLACE organizations with
given ids.	
	Comma separated list of
values. Values containing comma should be	quoted or escaped with backslash
<code>--organization-titles ORGANIZATION_TITLES</code>	Comma separated list of values.
Values containing comma should be quoted or	escaped with backslash
<code>--organizations ORGANIZATION_NAMES</code>	Comma separated list of values.
Values containing comma should be quoted or	escaped with backslash
<code>-h, --help</code>	print help

10.54.3. hammer role delete

Delete a role

```
Usage:
  hammer role delete [OPTIONS]

Options:
  --id ID                User role name
  --name NAME            print help
  -h, --help
```

10.54.4. hammer role filters

List all filters

```
Usage:
  hammer role filters [OPTIONS]

Options:
  --id ID                User role id
  --name NAME            User role name
  --order ORDER          sort results
  --page PAGE            paginate results
  --per-page PER_PAGE    number of entries per request
  -h, --help            print help
```

10.54.5. hammer role info

Show a role

```
Usage:
  hammer role info [OPTIONS]

Options:
  --description DESCRIPTION
  --id ID
  --name NAME            User role name
  -h, --help            print help
```

10.54.6. hammer role list

List all roles

```
Usage:
  hammer role list [OPTIONS]

Options:
  --order ORDER          sort results
  --page PAGE            paginate results
  --per-page PER_PAGE    number of entries per request
  --search SEARCH        filter results
  -h, --help            print help
```

10.54.7. hammer role update

Update a role

Usage:

```
hammer role update [OPTIONS]
```

Options:

<code>--description DESCRIPTION</code>	Role description
<code>--id ID</code>	
<code>--location-ids LOCATION_IDS</code>	REPLACE locations with given
<code>ids</code>	Comma separated list of
	values. Values containing comma should be quoted or escaped with backslash
<code>--location-titles LOCATION_TITLES</code>	Comma separated list of values.
	Values containing comma should be quoted or escaped with backslash
<code>--locations LOCATION_NAMES</code>	Comma separated list of
	values. Values containing comma should be quoted or escaped with backslash
<code>--name NAME</code>	User role name
<code>--new-name NEW_NAME</code>	
<code>--organization-ids ORGANIZATION_IDS</code>	REPLACE organizations with
<code>given ids.</code>	Comma separated list of
	values. Values containing comma should be quoted or escaped with backslash
<code>--organization-titles ORGANIZATION_TITLES</code>	Comma separated list of values.
	Values containing comma should be quoted or escaped with backslash
<code>--organizations ORGANIZATION_NAMES</code>	Comma separated list of values.
	Values containing comma should be quoted or escaped with backslash
<code>-h, --help</code>	print help

10.55. HAMMER SC-PARAM

Manipulate smart class parameters.

Usage:

```
hammer sc-param [OPTIONS] SUBCOMMAND [ARG] ...
```

Parameters:

<code>SUBCOMMAND</code>	subcommand
<code>[ARG] ...</code>	subcommand arguments

Subcommands:

<code>add-override-value</code>	Create an override value for a specific
<code>smart variable</code>	
<code>info</code>	Show a smart class parameter
<code>list</code>	List all smart class parameters
<code>remove-override-value</code>	Delete an override value for a specific
<code>smart variable</code>	
<code>update</code>	Update a smart class parameter

Options:

<code>-h, --help</code>	print help
-------------------------	------------

10.55.1. hammer sc-param add-override-value

Create an override value for a specific smart variable

```
Usage:
  hammer sc-param add-override-value [OPTIONS]

Options:
  --match MATCH                Override match
  --omit OMIT                  Satellite will not
send this parameter in classification output, replaces
                                use_puppet_default
                                One of true/false,
yes/no, 1/0.
  --puppet-class PUPPET_CLASS_NAME    Puppet class name
  --puppet-class-id PUPPET_CLASS_ID    ID of Puppet class
  --smart-class-parameter SMART_CLASS_PARAMETER_NAME Smart class parameter
name
  --smart-class-parameter-id SMART_CLASS_PARAMETER_ID
  --use-puppet-default USE_PUPPET_DEFAULT    Deprecated, please
use omit                                One of true/false,
yes/no, 1/0.
  --value VALUE                Override value,
required if omit is false
  -h, --help                    print help
```

10.55.2. hammer sc-param info

Show a smart class parameter

```
Usage:
  hammer sc-param info [OPTIONS]

Options:
  --id ID                      Smart class parameter name
  --name NAME                  Smart class parameter name
  --puppet-class PUPPET_CLASS_NAME    Puppet class name
  --puppet-class-id PUPPET_CLASS_ID    ID of Puppet class
  --show-hidden SHOW_HIDDEN          Display hidden values
                                One of true/false, yes/no, 1/0.
  -h, --help                    print help
```

10.55.3. hammer sc-param list

List all smart class parameters

```
Usage:
  hammer sc-param list [OPTIONS]

Options:
  --environment ENVIRONMENT_NAME    Environment name
  --environment-id ENVIRONMENT_ID
  --host HOST_NAME                  Host name
  --host-id HOST_ID
  --hostgroup HOSTGROUP_NAME        Hostgroup name
```

```

--hostgroup-id HOSTGROUP_ID
--hostgroup-title HOSTGROUP_TITLE Hostgroup title
--order ORDER                      sort results
--page PAGE                        paginate results
--per-page PER_PAGE                number of entries per request
--puppet-class PUPPET_CLASS_NAME  Puppet class name
--puppet-class-id PUPPET_CLASS_ID  ID of Puppet class
--search SEARCH                   filter results
--show-hidden SHOW_HIDDEN         Display hidden values
                                   One of true/false, yes/no, 1/0.
-h, --help                        print help

```

10.55.4. hammer sc-param remove-override-value

Delete an override value for a specific smart variable

```

Usage:
    hammer sc-param remove-override-value [OPTIONS]

Options:
  --id ID                                Puppet class name
  --puppet-class PUPPET_CLASS_NAME       ID of Puppet class
  --puppet-class-id PUPPET_CLASS_ID      Smart class parameter
  --smart-class-parameter SMART_CLASS_PARAMETER_NAME
name
  --smart-class-parameter-id SMART_CLASS_PARAMETER_ID
-h, --help                               print help

```

10.55.5. hammer sc-param update

Update a smart class parameter

```

Usage:
    hammer sc-param update [OPTIONS]

Options:
  --avoid-duplicates AVOID_DUPLICATES  Remove duplicate values (only
array type)                             One of true/false, yes/no,
1/0.
  --default-value DEFAULT_VALUE         Value to use when there is
no match
  --description DESCRIPTION             Description of smart class
  --hidden-value HIDDEN_VALUE          When enabled the parameter
is hidden in the UI                     One of true/false, yes/no,
1/0.
  --id ID                              Include default value when
  --merge-default MERGE_DEFAULT        merging all matching values
                                         One of true/false, yes/no,
1/0.
  --merge-overrides MERGE_OVERRIDES    Merge all matching values
(only array/hash type)

```

1/0.	One of true/false, yes/no,
--name NAME	Smart class parameter name
--omit OMIT	Satellite will not send
this parameter in classification output. Puppet	will use the value defined
in the Puppet manifest for this parameter	
1/0.	One of true/false, yes/no,
--override OVERRIDE	Override this parameter.
1/0.	One of true/false, yes/no,
--override-value-order OVERRIDE_VALUE_ORDER	The order in which values are resolved
values. Values containing comma should be quoted or escaped with backslash	Comma separated list of
--parameter-type PARAMETER_TYPE	Type of the parameter.
	Possible value(s):
'string', 'boolean', 'integer', 'real', 'array', 'hash', 'yaml', 'json'	
--path PATH	The order in which values
are resolved	
--puppet-class PUPPET_CLASS_NAME	Puppet class name
--puppet-class-id PUPPET_CLASS_ID	ID of Puppet class
--required REQUIRED	This parameter is required.
1/0.	One of true/false, yes/no,
--use-puppet-default USE_PUPPET_DEFAULT	Deprecated, please use omit
1/0.	One of true/false, yes/no,
--validator-rule VALIDATOR_RULE	Used to enforce certain
values for the parameter values	
--validator-type VALIDATOR_TYPE	Type of the validator.
	Possible value(s):
'regex', 'list', ''	
-h, --help	print help

10.56. HAMMER SCAP-CONTENT

Manipulate SCAP contents

```
Usage:
  hammer scap-content [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND                subcommand
  [ARG] ...                 subcommand arguments

Subcommands:
  create                    Create SCAP content
  delete                   Deletes an SCAP content
  download                 Show an SCAP content as XML
  info                    Show an SCAP content
  list                    List SCAP contents
  update                   Update an SCAP content
```



```
Options:
  -h, --help                print help
```

10.56.1. hammer scap-content create

Create SCAP content

```
Usage:
  hammer scap-content create [OPTIONS]

Options:
  --location-ids LOCATION_IDS  REPLACE locations with given ids
                                Comma separated list of values.
                                Values containing comma should be quoted or escaped with backslash
  --locations LOCATION_NAMES  Comma separated list of values.
                                Values containing comma should be quoted or escaped with backslash
  --organization-ids ORGANIZATION_IDS  REPLACE organizations with given
                                ids.
                                Comma separated list of values.
                                Values containing comma should be quoted or escaped with backslash
  --organizations ORGANIZATION_NAMES  Comma separated list of values.
                                Values containing comma should be quoted or escaped with backslash
  --original-filename ORIGINAL_FILENAME  Original file name of the XML file
  --scap-file SCAP_FILE              SCAP content file
  --title TITLE                      SCAP content name
  -h, --help                        print help
```

10.56.2. hammer scap-content delete

Deletes an SCAP content

```
Usage:
  hammer scap-content delete [OPTIONS]

Options:
  --id ID                      SCAP content id
  --title TITLE                SCAP content title
  -h, --help                  print help
```

10.56.3. hammer scap-content download

Show an SCAP content as XML

```
Usage:
  hammer scap-content download [OPTIONS]

Options:
  --id ID                      SCAP content id
  --path PATH                  Path to directory where downloaded file
                                will be saved
  --title TITLE                SCAP content title
  -h, --help                  print help
```

10.56.4. hammer scap-content info

Show an SCAP content

```
Usage:
  hammer scap-content info [OPTIONS]

Options:
  --id ID                SCAP content title
  --title TITLE          print help
  -h, --help
```

10.56.5. hammer scap-content list

List SCAP contents

```
Usage:
  hammer scap-content list [OPTIONS]

Options:
  --order ORDER          sort results
  --page PAGE            paginate results
  --per-page PER_PAGE    number of entries per request
  --search SEARCH        filter results
  -h, --help            print help
```

10.56.6. hammer scap-content update

Update an SCAP content

```
Usage:
  hammer scap-content update [OPTIONS]

Options:
  --id ID
  --location-ids LOCATION_IDS  REPLACE locations with given ids
                                Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --locations LOCATION_NAMES   Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --new-title NEW_TITLE        SCAP content name
  --organization-ids ORGANIZATION_IDS  REPLACE organizations with given
ids.
                                Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --organizations ORGANIZATION_NAMES  Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --original-filename ORIGINAL_FILENAME  Original file name of the XML file
  --scap-file SCAP_FILE          SCAP content file
  --title TITLE                  SCAP content title
  -h, --help                    print help
```

10.57. HAMMER SETTINGS

Change server settings.

```
Usage:
    hammer settings [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND                subcommand
    [ARG] ...                 subcommand arguments

Subcommands:
    list                      List all settings
    set                      Update a setting

Options:
    -h, --help                print help
```

10.57.1. hammer settings list

List all settings

```
Usage:
    hammer settings list [OPTIONS]

Options:
    --order ORDER              sort results
    --page PAGE               paginate results
    --per-page PER_PAGE       number of entries per request
    --search SEARCH           filter results
    -h, --help                print help
```

10.57.2. hammer settings set

Update a setting

```
Usage:
    hammer settings set [OPTIONS]

Options:
    --id ID                   Setting name
    --name NAME
    --value VALUE
    -h, --help                print help
```

10.58. HAMMER SHELL

Interactive shell

```
Usage:
    hammer shell [OPTIONS]

Options:
    -h, --help                print help
```

10.59. HAMMER SMART-VARIABLE

Manipulate smart variables.

```
Usage:
  hammer smart-variable [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:
  add-override-value  Create an override value for a specific
smart variable
  create              Create a smart variable
  delete              Delete a smart variable
  info                Show a smart variable
  list                List all smart variables
  remove-override-value Delete an override value for a specific
smart variable
  update              Update a smart variable

Options:
  -h, --help          print help
```

10.59.1. hammer smart-variable add-override-value

Create an override value for a specific smart variable

```
Usage:
  hammer smart-variable add-override-value [OPTIONS]

Options:
  --match MATCH          Override match
  --omit OMIT            Satellite will not send this
parameter in classification output, replaces
                        use_puppet_default
                        One of true/false, yes/no,
1/0.
  --smart-variable SMART_VARIABLE_VARIABLE Smart variable name
  --smart-variable-id SMART_VARIABLE_ID
  --use-puppet-default USE_PUPPET_DEFAULT  Deprecated, please use omit
One of true/false, yes/no,
1/0.
  --value VALUE          Override value, required if
omit is false
  -h, --help             print help
```

10.59.2. hammer smart-variable create

Create a smart variable

```
Usage:
  hammer smart-variable create [OPTIONS]
```

```
Options:
  --avoid-duplicates AVOID_DUPLICATES      Remove duplicate values (only
array type)                                One of true/false, yes/no,
1/0.
  --default-value DEFAULT_VALUE            Default value of variable
  --description DESCRIPTION                Description of variable
  --hidden-value HIDDEN_VALUE              When enabled the parameter
is hidden in the UI                        One of true/false, yes/no,
1/0.
  --merge-default MERGE_DEFAULT            Include default value when
merging all matching values                One of true/false, yes/no,
1/0.
  --merge-overrides MERGE_OVERRIDES        Merge all matching values
(only array/hash type)                    One of true/false, yes/no,
1/0.
  --override-value-order OVERRIDE_VALUE_ORDER The order in which values are
resolved                                  Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
  --puppet-class PUPPET_CLASS_NAME         Puppet class name
  --puppet-class-id PUPPET_CLASS_ID        ID of Puppet class
  --validator-rule VALIDATOR_RULE          Used to enforce certain
values for the parameter values           Type of the validator.
  --validator-type VALIDATOR_TYPE          Possible value(s):
'regexp', 'list', ''
  --variable VARIABLE                     Name of variable
  --variable-type VARIABLE_TYPE            Type of the variable.
                                           Possible value(s):
'string', 'boolean', 'integer', 'real', 'array', 'hash', 'yaml', 'json'
-h, --help                                print help
```

10.59.3. hammer smart-variable delete

Delete a smart variable

```
Usage:
  hammer smart-variable delete [OPTIONS]

Options:
  --id ID                                  Smart variable name (Deprecated: Use --
variable instead)
  --name NAME                               Smart variable name
  --variable VARIABLE                       Smart variable name
-h, --help                                print help
```

10.59.4. hammer smart-variable info

Show a smart variable

-

```
Usage:
  hammer smart-variable info [OPTIONS]

Options:
  --id ID
  --name NAME                Smart variable name (Deprecated: Use --
variable instead)
  --show-hidden SHOW_HIDDEN  Display hidden values
                              One of true/false, yes/no, 1/0.
  --variable VARIABLE        Smart variable name
  -h, --help                  print help
```

10.59.5. hammer smart-variable list

List all smart variables

```
Usage:
  hammer smart-variable list [OPTIONS]

Options:
  --host HOST_NAME            Host name
  --host-id HOST_ID
  --hostgroup HOSTGROUP_NAME  Hostgroup name
  --hostgroup-id HOSTGROUP_ID
  --hostgroup-title HOSTGROUP_TITLE Hostgroup title
  --order ORDER               sort results
  --page PAGE                 paginate results
  --per-page PER_PAGE         number of entries per request
  --puppet-class PUPPET_CLASS_NAME Puppet class name
  --puppet-class-id PUPPET_CLASS_ID ID of Puppet class
  --search SEARCH             filter results
  --show-hidden SHOW_HIDDEN   Display hidden values
                              One of true/false, yes/no, 1/0.
  -h, --help                  print help
```

10.59.6. hammer smart-variable remove-override-value

Delete an override value for a specific smart variable

```
Usage:
  hammer smart-variable remove-override-value [OPTIONS]

Options:
  --id ID
  --smart-variable SMART_VARIABLE_VARIABLE Smart variable name
  --smart-variable-id SMART_VARIABLE_ID
  -h, --help                  print help
```

10.59.7. hammer smart-variable update

Update a smart variable

```
Usage:
```

```
hammer smart-variable update [OPTIONS]
```

Options:

<code>--avoid-duplicates</code> <code>AVOID_DUPLICATES</code> array type)	Remove duplicate values (only One of true/false, yes/no, 1/0.
<code>--default-value</code> <code>DEFAULT_VALUE</code>	Default value of variable
<code>--description</code> <code>DESCRIPTION</code>	Description of variable
<code>--hidden-value</code> <code>HIDDEN_VALUE</code> is hidden in the UI	When enabled the parameter One of true/false, yes/no, 1/0.
<code>--id</code> <code>ID</code>	
<code>--merge-default</code> <code>MERGE_DEFAULT</code> merging all matching values	Include default value when One of true/false, yes/no, 1/0.
<code>--merge-overrides</code> <code>MERGE_OVERRIDES</code> (only array/hash type)	Merge all matching values One of true/false, yes/no, 1/0.
<code>--new-variable</code> <code>NEW_VARIABLE</code>	Name of variable
<code>--override-value-order</code> <code>OVERRIDE_VALUE_ORDER</code> resolved	The order in which values are Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--puppet-class</code> <code>PUPPET_CLASS_NAME</code>	Puppet class name
<code>--puppet-class-id</code> <code>PUPPET_CLASS_ID</code>	ID of Puppet class
<code>--validator-rule</code> <code>VALIDATOR_RULE</code> values for the parameter values	Used to enforce certain
<code>--validator-type</code> <code>VALIDATOR_TYPE</code>	Type of the validator. Possible value(s):
<code>'regex', 'list', ''</code>	
<code>--variable</code> <code>VARIABLE</code>	Smart variable name
<code>--variable-type</code> <code>VARIABLE_TYPE</code>	Type of the variable. Possible value(s):
<code>'string', 'boolean', 'integer', 'real', 'array', 'hash', 'yaml', 'json'</code>	
<code>-h, --help</code>	print help

10.60. HAMMER SUBNET

Manipulate subnets.

Usage:

```
hammer subnet [OPTIONS] SUBCOMMAND [ARG] ...
```

Parameters:

<code>SUBCOMMAND</code>	subcommand
<code>[ARG] ...</code>	subcommand arguments

Subcommands:

<code>create</code>	Create a subnet
<code>delete</code>	Delete a subnet
<code>delete-parameter</code>	Delete parameter for a subnet.

info	Show a subnet
list	List of subnets
set-parameter	Create or update parameter for a subnet.
update	Update a subnet

Options:

-h, --help	print help
------------	------------

10.60.1. hammer subnet create

Create a subnet

Usage:

```
hammer subnet create [OPTIONS]
```

Options:

--boot-mode BOOT_MODE	Default boot mode for
interfaces assigned to this subnet, valid values are	"Static", "DHCP"
--dhcp-id DHCP_ID	DHCP Capsule ID to use within
this subnet	
--discovery-id DISCOVERY_ID	ID of Discovery Capsule to use
within this subnet for managing connection	
	to discovered hosts
--dns-id DNS_ID	DNS Capsule ID to use within
this subnet	
--dns-primary DNS_PRIMARY	Primary DNS for this subnet
--dns-secondary DNS_SECONDARY	Secondary DNS for this subnet
--domain-ids DOMAIN_IDS	Domains in which this subnet
is part	
	Comma separated list of
values. Values containing comma should be quoted or escaped with backslash	
--domains DOMAIN_NAMES	Comma separated list of
values. Values containing comma should be quoted or escaped with backslash	
--from FROM	Starting IP Address for IP
auto suggestion	
--gateway GATEWAY	Primary DNS for this subnet
--ipam IPAM	IP Address auto suggestion
mode for this subnet, valid values are "DHCP",	
	"Internal DB", "None"
--location-ids LOCATION_IDS	REPLACE locations with given
ids	
	Comma separated list of
values. Values containing comma should be quoted or escaped with backslash	
--location-titles LOCATION_TITLES	Comma separated list of values.
Values containing comma should be quoted or escaped with backslash	
--locations LOCATION_NAMES	Comma separated list of
values. Values containing comma should be quoted or escaped with backslash	
--mask MASK	Netmask for this subnet
--name NAME	Subnet name
--network NETWORK	Subnet network
--network-type NETWORK_TYPE	Type or protocol, IPv4 or
IPv6, defaults to IPv4	
	Possible value(s): 'IPv4',
'IPv6'	


```

--organization-ids ORGANIZATION_IDS      REPLACE organizations with
given ids.

Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES      Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--tftp-id TFTP_ID                        TFTP Capsule ID to use within
this subnet
--to TO                                  Ending IP Address for IP auto
suggestion
--vlanid VLANID                          VLAN ID for this subnet
-h, --help                               print help

```

10.60.2. hammer subnet delete

Delete a subnet

```

Usage:
    hammer subnet delete [OPTIONS]

Options:
  --id ID                Subnet numeric identifier
  --name NAME            Subnet name
  -h, --help             print help

```

10.60.3. hammer subnet delete-parameter

Delete parameter for a subnet.

```

Usage:
    hammer subnet delete-parameter [OPTIONS]

Options:
  --name NAME                parameter name
  --subnet SUBNET_NAME      Subnet name
  --subnet-id SUBNET_ID
  -h, --help                print help

```

10.60.4. hammer subnet info

Show a subnet

```

Usage:
    hammer subnet info [OPTIONS]

Options:
  --id ID                Subnet name
  --name NAME
  --show-hidden-parameters SHOW_HIDDEN_PARAMETERS Display hidden parameter
values

```

yes/no, 1/0.	One of true/false,
-h, --help	print help

10.60.5. hammer subnet list

List of subnets

```
Usage:
  hammer subnet list [OPTIONS]

Options:
  --domain DOMAIN_NAME           Domain name
  --domain-id DOMAIN_ID         Numerical ID or domain name
  --location LOCATION_NAME      Location name
  --location-id LOCATION_ID
  --location-title LOCATION_TITLE Location title
  --order ORDER                 sort results
  --organization ORGANIZATION_NAME Organization name
  --organization-id ORGANIZATION_ID organization ID
  --organization-title ORGANIZATION_TITLE Organization title
  --page PAGE                   paginate results
  --per-page PER_PAGE          number of entries per request
  --search SEARCH              filter results
  -h, --help                   print help
```

10.60.6. hammer subnet set-parameter

Create or update parameter for a subnet.

```
Usage:
  hammer subnet set-parameter [OPTIONS]

Options:
  --hidden-value HIDDEN_VALUE  should the value be hidden
                                One of true/false, yes/no, 1/0.
  --name NAME                  parameter name
  --subnet SUBNET_NAME         Subnet name
  --subnet-id SUBNET_ID
  --value VALUE                parameter value
  -h, --help                  print help
```

10.60.7. hammer subnet update

Update a subnet

```
Usage:
  hammer subnet update [OPTIONS]

Options:
  --boot-mode BOOT_MODE      Default boot mode for
                             interfaces assigned to this subnet, valid values are
                             "Static", "DHCP"
```

```

--dhcp-id DHCP_ID          DHCP Capsule ID to use within
this subnet
--discovery-id DISCOVERY_ID ID of Discovery Capsule to use
within this subnet for managing connection
                           to discovered hosts
--dns-id DNS_ID            DNS Capsule ID to use within
this subnet
--dns-primary DNS_PRIMARY  Primary DNS for this subnet
--dns-secondary DNS_SECONDARY Secondary DNS for this subnet
--domain-ids DOMAIN_IDS    Domains in which this subnet
is part
                           Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--domains DOMAIN_NAMES     Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--from FROM                Starting IP Address for IP
auto suggestion
--gateway GATEWAY          Primary DNS for this subnet
--id ID                    Subnet numeric identifier
--ipam IPAM                IP Address auto suggestion
mode for this subnet, valid values are "DHCP",
                           "Internal DB", "None"
--location-ids LOCATION_IDS REPLACE locations with given
ids
                           Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--location-titles LOCATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--locations LOCATION_NAMES  Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--mask MASK                 Netmask for this subnet
--name NAME                 Subnet name
--network NETWORK           Subnet network
--network-type NETWORK_TYPE Type or protocol, IPv4 or
IPv6, defaults to IPv4
                           Possible value(s): 'IPv4',
'IPv6'
--new-name NEW_NAME         Subnet name
--organization-ids ORGANIZATION_IDS REPLACE organizations with
given ids.
                           Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--tftp-id TFTP_ID          TFTP Capsule ID to use within
this subnet
--to TO                    Ending IP Address for IP auto
suggestion
--vlanid VLANID            VLAN ID for this subnet
-h, --help                 print help

```

10.61. HAMMER SUBSCRIPTION

Manipulate subscriptions.

```
Usage:
  hammer subscription [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND          subcommand
  [ARG] ...           subcommand arguments

Subcommands:
  delete-manifest      Delete manifest from Red Hat provider
  list                 List organization subscriptions
  manifest-history      obtain manifest history for subscriptions
  refresh-manifest      Refresh previously imported manifest for
Red Hat provider
  upload               Upload a subscription manifest

Options:
  -h, --help          print help
```

10.61.1. hammer subscription delete-manifest

Delete manifest from Red Hat provider

```
Usage:
  hammer subscription delete-manifest [OPTIONS]

Options:
  --async                Do not wait for the task
  --organization ORGANIZATION_NAME  Organization name to search by
  --organization-id ORGANIZATION_ID  organization ID
  --organization-label ORGANIZATION_LABEL  Organization label to search by
  -h, --help            print help
```

10.61.2. hammer subscription list

List organization subscriptions

```
Usage:
  hammer subscription list [OPTIONS]

Options:
  --activation-key ACTIVATION_KEY_NAME  Activation key name to search by
  --activation-key-id ACTIVATION_KEY_ID  ID of the activation key
  --available-for AVAILABLE_FOR          Object to show subscriptions
available for, either 'host' or
                                         'activation_key'
  --by BY                               Field to sort the results on
  --full-result FULL_RESULT             Whether or not to show all
results
                                         One of true/false, yes/no, 1/0.
                                         Host name
  --host HOST_NAME                     Host name
  --host-id HOST_ID
  --match-host MATCH_HOST             Ignore subscriptions that are
```

```

unavailable to the specified host

  --match-installed MATCH_INSTALLED
installed products of the specified host

  --no-overlap NO_OVERLAP
not overlap with a currently-attached

  --order ORDER
DESC'
  --organization ORGANIZATION_NAME
  --organization-id ORGANIZATION_ID
  --organization-label ORGANIZATION_LABEL
  --page PAGE
  --per-page PER_PAGE
return
  --search SEARCH
  -h, --help

```

One of true/false, yes/no, 1/0.
Return subscriptions that match

One of true/false, yes/no, 1/0.
Return subscriptions which do

subscription
One of true/false, yes/no, 1/0.
Sort field and order, eg. 'name

Organization name to search by
organization ID
Organization label to search by
Page number, starting at 1
Number of results per page to

Search string
print help

10.61.3. hammer subscription manifest-history

obtain manifest history for subscriptions

```

Usage:
  hammer subscription manifest-history [OPTIONS]

Options:
  --organization ORGANIZATION_NAME
  --organization-id ORGANIZATION_ID
  --organization-label ORGANIZATION_LABEL
  -h, --help

```

Organization name to search by
organization ID
Organization label to search by
print help

10.61.4. hammer subscription refresh-manifest

Refresh previously imported manifest for Red Hat provider

```

Usage:
  hammer subscription refresh-manifest [OPTIONS]

Options:
  --async
  --organization ORGANIZATION_NAME
  --organization-id ORGANIZATION_ID
  --organization-label ORGANIZATION_LABEL
  -h, --help

```

Do not wait for the task
Organization name to search by
organization ID
Organization label to search by
print help

10.61.5. hammer subscription upload

Upload a subscription manifest

```

Usage:
  hammer subscription upload [OPTIONS]

```

```
Options:
  --async                Do not wait for the task
  --file MANIFEST        Subscription manifest file
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  --repository-url REPOSITORY_URL repository url
  -h, --help            print help
```

10.62. HAMMER SYNC-PLAN

Manipulate sync plans

```
Usage:
  hammer sync-plan [OPTIONS] SUBCOMMAND [ARG] ...
```

```
Parameters:
  SUBCOMMAND            subcommand
  [ARG] ...            subcommand arguments
```

```
Subcommands:
  create                Create a sync plan
  delete                Destroy a sync plan
  info                  Show a sync plan
  list                  List sync plans
  update                Update a sync plan
```

```
Options:
  -h, --help            print help
```

10.62.1. hammer sync-plan create

Create a sync plan

```
Usage:
  hammer sync-plan create [OPTIONS]
```

```
Options:
  --description DESCRIPTION sync plan description
  --enabled ENABLED         enables or disables
synchronization
  --interval INTERVAL      One of true/false, yes/no, 1/0.
run                        how often synchronization should
                           Possible value(s): 'hourly',
                           'daily', 'weekly'
  --name NAME              sync plan name
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  --sync-date SYNC_DATE    Start date and time for the sync
plan.Time is optional, if kept blank current system time will be
considered
```

HH:MM:SS or ISO 8601 format
-h, --help

Date and time in YYYY-MM-DD

print help

10.62.2. hammer sync-plan delete

Destroy a sync plan

Usage:

hammer sync-plan delete [OPTIONS]

Options:

--id ID	sync plan numeric identifier
--name NAME	Sync plan name to search by
--organization ORGANIZATION_NAME	Organization name to search by
--organization-id ORGANIZATION_ID	organization ID
--organization-label ORGANIZATION_LABEL	Organization label to search by
-h, --help	print help

10.62.3. hammer sync-plan info

Show a sync plan

Usage:

hammer sync-plan info [OPTIONS]

Options:

--id ID	sync plan numeric identifier
--name NAME	Sync plan name to search by
--organization ORGANIZATION_NAME	Organization name to search by
--organization-id ORGANIZATION_ID	organization ID
--organization-label ORGANIZATION_LABEL	Organization label to search by
-h, --help	print help

10.62.4. hammer sync-plan list

List sync plans

Usage:

hammer sync-plan list [OPTIONS]

Options:

--by BY	Field to sort the results on
--full-result FULL_RESULT results	Whether or not to show all results
--interval INTERVAL	One of true/false, yes/no, 1/0. filter by interval
'daily', 'weekly'	Possible value(s): 'hourly',
--name NAME	filter by name
--order ORDER	Sort field and order, eg. 'name
DESC'	
--organization ORGANIZATION_NAME	Organization name to search by

```

--organization-id ORGANIZATION_ID      organization ID
--organization-label ORGANIZATION_LABEL Organization label to search by
--page PAGE                             Page number, starting at 1
--per-page PER_PAGE                     Number of results per page to
return
--search SEARCH                         Search string
--sync-date SYNC_DATE                   filter by sync date
-h, --help                             print help

```

10.62.5. hammer sync-plan update

Update a sync plan

```

Usage:
    hammer sync-plan update [OPTIONS]

Options:
  --description DESCRIPTION      sync plan description
  --enabled ENABLED              enables or disables
synchronization
  --id ID                        One of true/false, yes/no, 1/0.
                                sync plan numeric identifier
  --interval INTERVAL           how often synchronization should
run
                                Possible value(s): 'hourly',
                                'daily', 'weekly'
  --name NAME                    Sync plan name to search by
  --new-name NEW_NAME            sync plan name
  --organization ORGANIZATION_NAME Organization name to search by
  --organization-id ORGANIZATION_ID organization ID
  --organization-label ORGANIZATION_LABEL Organization label to search by
  --sync-date SYNC_DATE         start date and time of the
synchronization
                                Date and time in YYYY-MM-DD
                                HH:MM:SS or ISO 8601 format
  -h, --help                    print help

```

10.63. HAMMER TAILORING-FILE

Manipulate Tailoring files

```

Usage:
    hammer tailoring-file [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND                subcommand
  [ARG] ...                  subcommand arguments

Subcommands:
  create                    Create a Tailoring file
  delete                    Deletes a Tailoring file
  download                  Show a Tailoring file as XML
  info                      Show a Tailoring file
  list                      List Tailoring files

```



```

    update                                Update a Tailoring file

Options:
    -h, --help                            print help

```

10.63.1. hammer tailoring-file create

Create a Tailoring file

```

Usage:
    hammer tailoring-file create [OPTIONS]

Options:
    --location-ids LOCATION_IDS            REPLACE locations with given ids
                                           Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
    --locations LOCATION_NAMES            Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
    --name NAME                            Tailoring file name
    --organization-ids ORGANIZATION_IDS    REPLACE organizations with given
ids.
                                           Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
    --organizations ORGANIZATION_NAMES    Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
    --original-filename ORIGINAL_FILENAME Original file name of the XML file
    --scap-file SCAP_FILE                  Tailoring file content
    -h, --help                            print help

```

10.63.2. hammer tailoring-file delete

Deletes a Tailoring file

```

Usage:
    hammer tailoring-file delete [OPTIONS]

Options:
    --id ID                                Name to search by
    --name NAME                            Name to search by
    -h, --help                            print help

```

10.63.3. hammer tailoring-file download

Show a Tailoring file as XML

```

Usage:
    hammer tailoring-file download [OPTIONS]

Options:
    --id ID                                Tailoring file name
    --name NAME                            Tailoring file name

```

```
--path PATH          Path to directory where downloaded file
will be saved
-h, --help           print help
```

10.63.4. hammer tailoring-file info

Show a Tailoring file

```
Usage:
  hammer tailoring-file info [OPTIONS]

Options:
  --id ID              Tailoring file name
  --name NAME          print help
  -h, --help
```

10.63.5. hammer tailoring-file list

List Tailoring files

```
Usage:
  hammer tailoring-file list [OPTIONS]

Options:
  --order ORDER        sort results
  --page PAGE          paginate results
  --per-page PER_PAGE  number of entries per request
  --search SEARCH      filter results
  -h, --help           print help
```

10.63.6. hammer tailoring-file update

Update a Tailoring file

```
Usage:
  hammer tailoring-file update [OPTIONS]

Options:
  --id ID
  --location-ids LOCATION_IDS  REPLACE locations with given ids
                                Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --locations LOCATION_NAMES  Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --name NAME                  Tailoring file name
  --new-name NEW_NAME          Tailoring file name
  --organization-ids ORGANIZATION_IDS  REPLACE organizations with given
ids.
                                Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
  --organizations ORGANIZATION_NAMES  Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
```

```
--original-filename ORIGINAL_FILENAME Original file name of the XML file
--scap-file SCAP_FILE                 Tailoring file content
-h, --help                           print help
```

10.64. HAMMER TASK

Tasks related actions.

```
Usage:
    hammer task [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND                subcommand
    [ARG] ...                 subcommand arguments

Subcommands:
    list                      List tasks
    progress                  Show the progress of the task
    resume                    Resume all tasks paused in error state

Options:
    -h, --help                print help
```

10.64.1. hammer task list

List tasks

```
Usage:
    hammer task list [OPTIONS]

Options:
    --by BY                    Field to sort the results on
    --order ORDER              Sort field and order, e.g. 'name DESC'
    --page PAGE                Page number, starting at 1
    --per-page PER_PAGE        Number of results per page to return
    --search SEARCH            Search string
    -h, --help                 print help
```

10.64.2. hammer task progress

Show the progress of the task

```
Usage:
    hammer task progress [OPTIONS]

Options:
    --id ID                    UUID of the task
    --name NAME                 Name to search by
    -h, --help                 print help
```

10.64.3. hammer task resume

Resume all tasks paused in error state

Usage:

```
hammer task resume [OPTIONS]
```

Options:

```
--search SEARCH           Resume tasks matching search string
--task-ids TASK_IDS       Resume specific tasks by ID
                           Comma separated list of values. Values
                           containing comma should be quoted or escaped with backslash
--tasks TASK_NAMES        Comma separated list of values. Values
                           containing comma should be quoted or escaped with backslash
-h, --help                print help
```

10.65. HAMMER TEMPLATE

Manipulate config templates.

Usage:

```
hammer template [OPTIONS] SUBCOMMAND [ARG] ...
```

Parameters:

```
SUBCOMMAND                subcommand
[ARG] ...                  subcommand arguments
```

Subcommands:

```
add-operatingsystem       Associate an operating system
build-pxe-default         Update the default PXE menu on all
                           configured TFTP servers
clone                     Clone a provision template
create                    Create a provisioning template
delete                    Delete a provisioning template
dump                      View provisioning template content.
info                      Show provisioning template details
kinds                     List available provisioning template
                           kinds.
list                      List provisioning templates
remove-operatingsystem    Disassociate an operating system
update                    Update a provisioning template
```

Options:

```
-h, --help                print help
```

10.65.1. hammer template add-operatingsystem

Associate an operating system

Usage:

```
hammer template add-operatingsystem [OPTIONS]
```

Options:

```
--id ID                    Name to search by
--name NAME
```

```
--operatingsystem OPERATINGSYSTEM_TITLE Operating system title
--operatingsystem-id OPERATINGSYSTEM_ID
-h, --help print help
```

10.65.2. hammer template build-pxe-default

Update the default PXE menu on all configured TFTP servers

```
Usage:
    hammer template build-pxe-default [OPTIONS]

Options:
    -h, --help print help
```

10.65.3. hammer template clone

Clone a provision template

```
Usage:
    hammer template clone [OPTIONS]

Options:
    --id ID
    --name NAME Name to search by
    --new-name NEW_NAME template name
    -h, --help print help
```

10.65.4. hammer template create

Create a provisioning template

```
Usage:
    hammer template create [OPTIONS]

Options:
    --audit-comment AUDIT_COMMENT
    --file TEMPLATE Path to a file that contains
the template
    --location-ids LOCATION_IDS REPLACE locations with given
ids
                                Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
    --location-titles LOCATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
    --locations LOCATION_NAMES Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
    --locked LOCKED Whether or not the template is
locked for editing
                                One of true/false, yes/no,
1/0.
    --name NAME template name
    --operatingsystem-ids OPERATINGSYSTEM_IDS Array of operating system IDs
to associate with the template
```

```

Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--operatingsystems OPERATING_SYSTEM_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organization-ids ORGANIZATION_IDS REPLACE organizations with
given ids.

Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES Comma separated list of values.
Values containing comma should be quoted or escaped with backslash
--type TYPE Template type. Eg. snippet,
script, provision
-h, --help print help

```

10.65.5. hammer template delete

Delete a provisioning template

```

Usage:
  hammer template delete [OPTIONS]

Options:
  --id ID
  --name NAME Name to search by
  -h, --help print help

```

10.65.6. hammer template dump

View provisioning template content.

```

Usage:
  hammer template dump [OPTIONS]

Options:
  --id ID
  --name NAME Name to search by
  -h, --help print help

```

10.65.7. hammer template info

Show provisioning template details

```

Usage:
  hammer template info [OPTIONS]

Options:
  --id ID
  --name NAME Name to search by
  -h, --help print help

```

10.65.8. hammer template kinds

List available provisioning template kinds.

```
Usage:
    hammer template kinds [OPTIONS]

Options:
    -h, --help                print help
```

10.65.9. hammer template list

List provisioning templates

```
Usage:
    hammer template list [OPTIONS]

Options:
    --location LOCATION_NAME      Location name
    --location-id LOCATION_ID
    --location-title LOCATION_TITLE Location title
    --operatingsystem OPERATINGSYSTEM_TITLE Operating system title
    --operatingsystem-id OPERATINGSYSTEM_ID
    --order ORDER                 sort results
    --organization ORGANIZATION_NAME Organization name
    --organization-id ORGANIZATION_ID organization ID
    --organization-title ORGANIZATION_TITLE Organization title
    --page PAGE                   paginate results
    --per-page PER_PAGE           number of entries per request
    --search SEARCH               filter results
    -h, --help                   print help
```

10.65.10. hammer template remove-operatingsystem

Disassociate an operating system

```
Usage:
    hammer template remove-operatingsystem [OPTIONS]

Options:
    --id ID
    --name NAME                  Name to search by
    --operatingsystem OPERATINGSYSTEM_TITLE Operating system title
    --operatingsystem-id OPERATINGSYSTEM_ID
    -h, --help                  print help
```

10.65.11. hammer template update

Update a provisioning template

```
Usage:
    hammer template update [OPTIONS]
```

Options:

<code>--audit-comment AUDIT_COMMENT</code>	
<code>--file TEMPLATE</code>	Path to a file that contains the template
<code>--id ID</code>	
<code>--location-ids LOCATION_IDS</code>	REPLACE locations with given ids
	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--location-titles LOCATION_TITLES</code>	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--locations LOCATION_NAMES</code>	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--locked LOCKED</code>	Whether or not the template is locked for editing
	One of true/false, yes/no, 1/0.
<code>--name NAME</code>	Name to search by
<code>--new-name NEW_NAME</code>	template name
<code>--operatingsystem-ids OPERATINGSYSTEM_IDS</code>	Array of operating system IDs to associate with the template
	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--operatingsystems OPERATINGSYSTEM_TITLES</code>	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--organization-ids ORGANIZATION_IDS</code>	REPLACE organizations with given ids.
	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--organization-titles ORGANIZATION_TITLES</code>	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--organizations ORGANIZATION_NAMES</code>	Comma separated list of values. Values containing comma should be quoted or escaped with backslash
<code>--type TYPE</code>	Template type. Eg. snippet, script, provision
<code>-h, --help</code>	print help

10.66. HAMMER TEMPLATE-INPUT

Manage template inputs

Usage:

```
hammer template-input [OPTIONS] SUBCOMMAND [ARG] ...
```

Parameters:

<code>SUBCOMMAND</code>	subcommand
<code>[ARG] ...</code>	subcommand arguments

Subcommands:

<code>create</code>	Create a template input
<code>delete</code>	Delete a template input
<code>info</code>	Show template input details
<code>list</code>	List template inputs


```
Options:
  -h, --help                print help
```

10.66.1. hammer template-input create

Create a template input

```
Usage:
  hammer template-input create [OPTIONS]

Options:
  --advanced ADVANCED      Input is advanced
                           One of true/false,
                           yes/no, 1/0.
  --description DESCRIPTION Input description
  --fact-name FACT_NAME    Fact name, used when
                           input type is fact
  --input-type INPUT_TYPE  Input type
                           Possible value(s):
                           'user', 'fact', 'variable', 'puppet_parameter'
  --name NAME              Input name
  --options OPTIONS        Selectable values for
                           user inputs
                           Comma separated list
                           of values. Values containing comma should be quoted or escaped with
                           backslash
  --puppet-parameter-class PUPPET_PARAMETER_CLASS Puppet class name, used
                           when input type is puppet_parameter
  --puppet-parameter-name PUPPET_PARAMETER_NAME  Puppet parameter name,
                           used when input type is puppet_parameter
  --required REQUIRED       Input is required
                           One of true/false,
                           yes/no, 1/0.
  --template-id TEMPLATE_ID
  --variable-name VARIABLE_NAME Variable name, used when
                           input type is variable
  -h, --help              print help
```

10.66.2. hammer template-input delete

Delete a template input

```
Usage:
  hammer template-input delete [OPTIONS]

Options:
  --id ID                  Name to search by
  --name NAME
  --template-id TEMPLATE_ID
  -h, --help              print help
```

10.66.3. hammer template-input info

Show template input details

```
Usage:
  hammer template-input info [OPTIONS]

Options:
  --id ID                        Name to search by
  --name NAME
  --template-id TEMPLATE_ID
  -h, --help                    print help
```

10.66.4. hammer template-input list

List template inputs

```
Usage:
  hammer template-input list [OPTIONS]

Options:
  --order ORDER                sort results
  --page PAGE                  paginate results
  --per-page PER_PAGE          number of entries per request
  --search SEARCH              filter results
  --template-id TEMPLATE_ID
  -h, --help                  print help
```

10.67. HAMMER USER

Manipulate users.

```
Usage:
  hammer user [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND                subcommand
  [ARG] ...                 subcommand arguments

Subcommands:
  add-role                  Assign a user role
  create                   Create a user
  delete                   Delete a user
  info                     Show a user
  list                     List all users
  remove-role              Remove a user role
  ssh-keys                 Managing User SSH Keys.
  update                   Update a user

Options:
  -h, --help                print help
```

10.67.1. hammer user add-role

Assign a user role

Usage:

```
hammer user add-role [OPTIONS]
```

Options:

```
--id ID                                User's login to search by
--login LOGIN                          User role name
--role ROLE_NAME
--role-id ROLE_ID
-h, --help                             print help
```

10.67.2. hammer user create

Create a user

Usage:

```
hammer user create [OPTIONS]
```

Options:

```
--admin ADMIN                          is an admin account
                                         One of true/false,
yes/no, 1/0.
--ask-password ASK_PW                  One of true/false,
yes/no, 1/0.
--auth-source-id AUTH_SOURCE_ID
--default-location DEFAULT_LOCATION_NAME Default location name
--default-location-id DEFAULT_LOCATION_ID
--default-organization DEFAULT_ORGANIZATION_NAME Default organization
name
--default-organization-id DEFAULT_ORGANIZATION_ID
--description DESCRIPTION
--firstname FIRSTNAME
--lastname LASTNAME
--locale LOCALE                        User's preferred
locale
                                         Possible value(s):
'ca', 'de', 'en', 'en_GB', 'es', 'fr', 'gl', 'it', 'ja', 'ko', 'pl',
'pt_BR', 'ru', 'sv_SE', 'zh_CN', 'zh_TW'
--location-ids LOCATION_IDS            REPLACE locations with
given ids
                                         Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--location-titles LOCATION_TITLES      Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--locations LOCATION_NAMES             Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--login LOGIN
--mail MAIL
--organization-ids ORGANIZATION_IDS    REPLACE organizations
with given ids.
                                         Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
```

```

--organization-titles ORGANIZATION_TITLES      Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES              Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--password PASSWORD
--role-ids ROLE_IDS                             Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--roles ROLE_NAMES                             Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--timezone TIMEZONE                             User's timezone
Possible value(s):
'American Samoa', 'International Date Line West', 'Midway Island',
'Samoa', 'Hawaii', 'Alaska', 'Pacific Time (US & Canada)', 'Tijuana',
'Arizona', 'Chihuahua', 'Mazatlan', 'Mountain Time (US & Canada)',
'Central America', 'Central Time (US & Canada)', 'Guadalajara', 'Mexico
City', 'Monterrey', 'Saskatchewan', 'Bogota', 'Eastern Time (US &
Canada)', 'Indiana (East)', 'Lima', 'Quito', 'Atlantic Time (Canada)',
'Caracas', 'Georgetown', 'La Paz', 'Santiago', 'Newfoundland', 'Brasilia',
'Buenos Aires', 'Greenland', 'Montevideo', 'Mid-Atlantic', 'Azores', 'Cape
Verde Is.', 'Casablanca', 'Dublin', 'Edinburgh', 'Lisbon', 'London',
'Monrovia', 'UTC', 'Amsterdam', 'Belgrade', 'Berlin', 'Bern',
'Bratislava', 'Brussels', 'Budapest', 'Copenhagen', 'Ljubljana', 'Madrid',
'Paris', 'Prague', 'Rome', 'Sarajevo', 'Skopje', 'Stockholm', 'Vienna',
'Warsaw', 'West Central Africa', 'Zagreb', 'Athens', 'Bucharest', 'Cairo',
'Harare', 'Helsinki', 'Jerusalem', 'Kaliningrad', 'Kyiv', 'Pretoria',
'Riga', 'Sofia', 'Tallinn', 'Vilnius', 'Baghdad', 'Istanbul', 'Kuwait',
'Minsk', 'Moscow', 'Nairobi', 'Riyadh', 'St. Petersburg', 'Volgograd',
'Tehran', 'Abu Dhabi', 'Baku', 'Muscat', 'Samara', 'Tbilisi', 'Yerevan',
'Kabul', 'Ekaterinburg', 'Islamabad', 'Karachi', 'Tashkent', 'Chennai',
'Kolkata', 'Mumbai', 'New Delhi', 'Sri Jayawardenepura', 'Kathmandu',
'Almaty', 'Astana', 'Dhaka', 'Urumqi', 'Rangoon', 'Bangkok', 'Hanoi',
'Jakarta', 'Krasnoyarsk', 'Novosibirsk', 'Beijing', 'Chongqing', 'Hong
Kong', 'Irkutsk', 'Kuala Lumpur', 'Perth', 'Singapore', 'Taipei',
'Ulaanbaatar', 'Osaka', 'Sapporo', 'Seoul', 'Tokyo', 'Yakutsk',
'Adelaide', 'Darwin', 'Brisbane', 'Canberra', 'Guam', 'Hobart',
'Melbourne', 'Port Moresby', 'Sydney', 'Vladivostok', 'Magadan', 'New
Caledonia', 'Solomon Is.', 'Srednekolymsk', 'Auckland', 'Fiji',
'Kamchatka', 'Marshall Is.', 'Wellington', 'Chatham Is.', 'Nuku'alofa',
'Tokelau Is.'
-h, --help                                     print help

```

10.67.3. hammer user delete

Delete a user

```

Usage:
  hammer user delete [OPTIONS]

Options:
  --id ID                      User's id to search by
  --login LOGIN                 User's login to search by
  -h, --help                   print help

```

10.67.4. hammer user info

Show a user

```
Usage:
    hammer user info [OPTIONS]

Options:
  --id ID                User's login to search by
  --login LOGIN          print help
  -h, --help
```

10.67.5. hammer user list

List all users

```
Usage:
    hammer user list [OPTIONS]

Options:
  --auth-source-ldap AUTH_SOURCE_LDAP_NAME  Name to search by
  --auth-source-ldap-id AUTH_SOURCE_LDAP_ID
  --location LOCATION_NAME                  Location name
  --location-id LOCATION_ID
  --location-title LOCATION_TITLE           Location title
  --order ORDER                             sort results
  --organization ORGANIZATION_NAME          Organization name
  --organization-id ORGANIZATION_ID         organization ID
  --organization-title ORGANIZATION_TITLE   Organization title
  --page PAGE                               paginate results
  --per-page PER_PAGE                       number of entries per request
  --role ROLE_NAME                          User role name
  --role-id ROLE_ID
  --search SEARCH                           filter results
  --user-group USER_GROUP_NAME             Name to search by
  --user-group-id USER_GROUP_ID
  -h, --help                               print help
```

10.67.6. hammer user remove-role

Remove a user role

```
Usage:
    hammer user remove-role [OPTIONS]

Options:
  --id ID                User's login to search by
  --login LOGIN          User role name
  --role ROLE_NAME
  --role-id ROLE_ID
  -h, --help            print help
```

10.67.7. hammer user ssh-keys

Managing User SSH Keys.

```
Usage:
    hammer user ssh-keys [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND                subcommand
    [ARG] ...                 subcommand arguments

Subcommands:
    add                       Create an SSH key for a user
    delete                   Delete an SSH key for a user
    info                     Show an SSH key from a user
    list                     List all SSH keys for a user

Options:
    -h, --help               print help
```

10.67.7.1. hammer user ssh-keys add

Create an SSH key for a user

```
Usage:
    hammer user ssh-keys add [OPTIONS]

Options:
    --key KEY                 Public SSH key
    --key-file KEY_FILE      Path to a SSH public key
    --name NAME
    --user USER_LOGIN        User's login to search by
    --user-id USER_ID
    -h, --help               print help
```

10.67.7.2. hammer user ssh-keys delete

Delete an SSH key for a user

```
Usage:
    hammer user ssh-keys delete [OPTIONS]

Options:
    --id ID
    --name NAME               Name to search by
    --user USER_LOGIN        User's login to search by
    --user-id USER_ID
    -h, --help               print help
```

10.67.7.3. hammer user ssh-keys info

Show an SSH key from a user

```
Usage:
    hammer user ssh-keys info [OPTIONS]
```

```
Options:
  --id ID                               Name to search by
  --name NAME                           User's login to search by
  --user USER_LOGIN
  --user-id USER_ID
  -h, --help                           print help
```

10.67.7.4. hammer user ssh-keys list

List all SSH keys for a user

```
Usage:
  hammer user ssh-keys list [OPTIONS]

Options:
  --order ORDER           sort results
  --page PAGE             paginate results
  --per-page PER_PAGE     number of entries per request
  --search SEARCH         filter results
  --user USER_LOGIN       User's login to search by
  --user-id USER_ID
  -h, --help              print help
```

10.67.8. hammer user update

Update a user

```
Usage:
  hammer user update [OPTIONS]

Options:
  --admin ADMIN           is an admin account
                          One of true/false,
yes/no, 1/0.
  --ask-password ASK_PW   One of true/false,
yes/no, 1/0.
  --auth-source-id AUTH_SOURCE_ID
  --current-password CURRENT_PASSWORD Required when user
want to change own password
  --default-location DEFAULT_LOCATION_NAME Default location name
  --default-location-id DEFAULT_LOCATION_ID
  --default-organization DEFAULT_ORGANIZATION_NAME Default organization
name
  --default-organization-id DEFAULT_ORGANIZATION_ID
  --description DESCRIPTION
  --firstname FIRSTNAME
  --id ID
  --lastname LASTNAME
  --locale LOCALE         User's preferred
locale
                          Possible value(s):
'ca', 'de', 'en', 'en_GB', 'es', 'fr', 'gl', 'it', 'ja', 'ko', 'pl',
'pt_BR', 'ru', 'sv_SE', 'zh_CN', 'zh_TW'
```

```

--location-ids LOCATION_IDS          REPLACE locations with
given ids

                                   Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--location-titles LOCATION_TITLES    Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--locations LOCATION_NAMES           Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--login LOGIN                        User's login to
search by
--mail MAIL
--new-login NEW_LOGIN
--organization-ids ORGANIZATION_IDS  REPLACE organizations
with given ids.

                                   Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--organization-titles ORGANIZATION_TITLES Comma separated list of
values. Values containing comma should be quoted or escaped with backslash
--organizations ORGANIZATION_NAMES     Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--password PASSWORD
--role-ids ROLE_IDS                   Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--roles ROLE_NAMES                   Comma separated list
of values. Values containing comma should be quoted or escaped with
backslash
--timezone TIMEZONE                  User's timezone
                                   Possible value(s):
'American Samoa', 'International Date Line West', 'Midway Island',
'Samoa', 'Hawaii', 'Alaska', 'Pacific Time (US & Canada)', 'Tijuana',
'Arizona', 'Chihuahua', 'Mazatlan', 'Mountain Time (US & Canada)',
'Central America', 'Central Time (US & Canada)', 'Guadalajara', 'Mexico
City', 'Monterrey', 'Saskatchewan', 'Bogota', 'Eastern Time (US &
Canada)', 'Indiana (East)', 'Lima', 'Quito', 'Atlantic Time (Canada)',
'Caracas', 'Georgetown', 'La Paz', 'Santiago', 'Newfoundland', 'Brasilia',
'Buenos Aires', 'Greenland', 'Montevideo', 'Mid-Atlantic', 'Azores', 'Cape
Verde Is.', 'Casablanca', 'Dublin', 'Edinburgh', 'Lisbon', 'London',
'Monrovia', 'UTC', 'Amsterdam', 'Belgrade', 'Berlin', 'Bern',
'Bratislava', 'Brussels', 'Budapest', 'Copenhagen', 'Ljubljana', 'Madrid',
'Paris', 'Prague', 'Rome', 'Sarajevo', 'Skopje', 'Stockholm', 'Vienna',
'Warsaw', 'West Central Africa', 'Zagreb', 'Athens', 'Bucharest', 'Cairo',
'Harare', 'Helsinki', 'Jerusalem', 'Kaliningrad', 'Kyiv', 'Pretoria',
'Riga', 'Sofia', 'Tallinn', 'Vilnius', 'Baghdad', 'Istanbul', 'Kuwait',
'Minsk', 'Moscow', 'Nairobi', 'Riyadh', 'St. Petersburg', 'Volgograd',
'Tehran', 'Abu Dhabi', 'Baku', 'Muscat', 'Samara', 'Tbilisi', 'Yerevan',
'Kabul', 'Ekaterinburg', 'Islamabad', 'Karachi', 'Tashkent', 'Chennai',
'Kolkata', 'Mumbai', 'New Delhi', 'Sri Jayawardenepura', 'Kathmandu',
'Almaty', 'Astana', 'Dhaka', 'Urumqi', 'Rangoon', 'Bangkok', 'Hanoi',
'Jakarta', 'Krasnoyarsk', 'Novosibirsk', 'Beijing', 'Chongqing', 'Hong
Kong', 'Irkutsk', 'Kuala Lumpur', 'Perth', 'Singapore', 'Taipei',

```



```
'Ulaanbaatar', 'Osaka', 'Sapporo', 'Seoul', 'Tokyo', 'Yakutsk',
'Adelaide', 'Darwin', 'Brisbane', 'Canberra', 'Guam', 'Hobart',
'Melbourne', 'Port Moresby', 'Sydney', 'Vladivostok', 'Magadan', 'New
Caledonia', 'Solomon Is.', 'Srednekolym'sk', 'Auckland', 'Fiji',
'Kamchatka', 'Marshall Is.', 'Wellington', 'Chatham Is.', 'Nuku'alofa',
'Tokelau Is.'
-h, --help                                print help
```

10.68. HAMMER USER-GROUP

Manage user groups.

```
Usage:
    hammer user-group [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND                subcommand
    [ARG] ...                 subcommand arguments

Subcommands:
    add-role                  Assign a user role
    add-user                  Associate an user
    add-user-group            Associate an user group
    create                    Create a user group
    delete                   Delete a user group
    external                  View and manage user group's external user
    groups
    info                      Show a user group
    list                      List all user groups
    remove-role               Remove a user role
    remove-user               Disassociate an user
    remove-user-group         Disassociate an user group
    update                    Update a user group

Options:
    -h, --help                print help
```

10.68.1. hammer user-group add-role

Assign a user role

```
Usage:
    hammer user-group add-role [OPTIONS]

Options:
    --id ID                    Name to search by
    --name NAME                User role name
    --role ROLE_NAME
    --role-id ROLE_ID
    -h, --help                print help
```

10.68.2. hammer user-group add-user

Associate an user

```
Usage:
  hammer user-group add-user [OPTIONS]

Options:
  --id ID
  --name NAME                Name to search by
  --user USER_LOGIN         User's login to search by
  --user-id USER_ID
  -h, --help                print help
```

10.68.3. hammer user-group add-user-group

Associate an user group

```
Usage:
  hammer user-group add-user-group [OPTIONS]

Options:
  --id ID
  --name NAME                Name to search by
  --user-group USER_GROUP_NAME Name to search by
  --user-group-id USER_GROUP_ID
  -h, --help                print help
```

10.68.4. hammer user-group create

Create a user group

```
Usage:
  hammer user-group create [OPTIONS]

Options:
  --admin ADMIN              is an admin user group
                              One of true/false, yes/no, 1/0.
  --name NAME
  --role-ids ROLE_IDS        Comma separated list of values. Values
containing comma should be quoted or escaped with backslash
  --roles ROLE_NAMES        Comma separated list of values. Values
containing comma should be quoted or escaped with backslash
  --user-group-ids USER_GROUP_IDS Comma separated list of values. Values
containing comma should be quoted or escaped with backslash
  --user-groups USER_GROUP_NAMES Comma separated list of values. Values
containing comma should be quoted or escaped with backslash
  --user-ids USER_IDS        Comma separated list of values. Values
containing comma should be quoted or escaped with backslash
  --users USER_LOGINS        Comma separated list of values. Values
containing comma should be quoted or escaped with backslash
  -h, --help                print help
```

10.68.5. hammer user-group delete

Delete a user group

```
Usage:
    hammer user-group delete [OPTIONS]

Options:
  --id ID                Name to search by
  --name NAME            print help
  -h, --help
```

10.68.6. hammer user-group external

View and manage user group's external user groups

```
Usage:
    hammer user-group external [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
  SUBCOMMAND            subcommand
  [ARG] ...             subcommand arguments

Subcommands:
  create                Create an external user group linked to a
user group
  delete                Delete an external user group
  info                  Show an external user group for user group
  list                  List all external user groups for user
group
  refresh                Refresh external user group
  update                Update external user group

Options:
  -h, --help            print help
```

10.68.6.1. hammer user-group external create

Create an external user group linked to a user group

```
Usage:
    hammer user-group external create [OPTIONS]

Options:
  --auth-source-id AUTH_SOURCE_ID ID of linked authentication source
  --name NAME            External user group name
  --user-group USER_GROUP_NAME Name to search by
  --user-group-id USER_GROUP_ID
  -h, --help            print help
```

10.68.6.2. hammer user-group external delete

Delete an external user group

```
Usage:
```

```
hammer user-group external delete [OPTIONS]
```

Options:

```
--id ID                ID or name external user group
--name NAME            Name to search by
--user-group USER_GROUP_NAME Name to search by
--user-group-id USER_GROUP_ID
-h, --help            print help
```

10.68.6.3. hammer user-group external info

Show an external user group for user group

Usage:

```
hammer user-group external info [OPTIONS]
```

Options:

```
--id ID                ID or name of external user group
--name NAME            Name to search by
--user-group USER_GROUP_NAME Name to search by
--user-group-id USER_GROUP_ID
-h, --help            print help
```

10.68.6.4. hammer user-group external list

List all external user groups for user group

Usage:

```
hammer user-group external list [OPTIONS]
```

Options:

```
--user-group USER_GROUP_NAME Name to search by
--user-group-id USER_GROUP_ID
-h, --help            print help
```

10.68.6.5. hammer user-group external refresh

Refresh external user group

Usage:

```
hammer user-group external refresh [OPTIONS]
```

Options:

```
--id ID                ID or name of external user group
--name NAME            Name to search by
--user-group USER_GROUP_NAME Name to search by
--user-group-id USER_GROUP_ID
-h, --help            print help
```

10.68.6.6. hammer user-group external update

Update external user group

■

Usage:

```
hammer user-group external update [OPTIONS]
```

Options:

```
--auth-source-id AUTH_SOURCE_ID ID of linked authentication source
--id ID                           ID or name of external user group
--name NAME                       Name to search by
--new-name NEW_NAME               External user group name
--user-group USER_GROUP_NAME     Name to search by
--user-group-id USER_GROUP_ID
-h, --help                       print help
```

10.68.7. hammer user-group info

Show a user group

Usage:

```
hammer user-group info [OPTIONS]
```

Options:

```
--id ID
--name NAME                       Name to search by
-h, --help                       print help
```

10.68.8. hammer user-group list

List all user groups

Usage:

```
hammer user-group list [OPTIONS]
```

Options:

```
--order ORDER                    sort results
--page PAGE                      paginate results
--per-page PER_PAGE              number of entries per request
--search SEARCH                  filter results
-h, --help                      print help
```

10.68.9. hammer user-group remove-role

Remove a user role

Usage:

```
hammer user-group remove-role [OPTIONS]
```

Options:

```
--id ID
--name NAME                       Name to search by
--role ROLE_NAME                  User role name
--role-id ROLE_ID
-h, --help                       print help
```

10.68.10. hammer user-group remove-user

Disassociate an user

```
Usage:
  hammer user-group remove-user [OPTIONS]

Options:
  --id ID
  --name NAME                Name to search by
  --user USER_LOGIN         User's login to search by
  --user-id USER_ID
  -h, --help                print help
```

10.68.11. hammer user-group remove-user-group

Disassociate an user group

```
Usage:
  hammer user-group remove-user-group [OPTIONS]

Options:
  --id ID
  --name NAME                Name to search by
  --user-group USER_GROUP_NAME Name to search by
  --user-group-id USER_GROUP_ID
  -h, --help                print help
```

10.68.12. hammer user-group update

Update a user group

```
Usage:
  hammer user-group update [OPTIONS]

Options:
  --admin ADMIN              is an admin user group
                              One of true/false, yes/no, 1/0.
  --id ID
  --name NAME                Name to search by
  --new-name NEW_NAME
  --role-ids ROLE_IDS        Comma separated list of values. Values
                              containing comma should be quoted or escaped with backslash
  --roles ROLE_NAMES        Comma separated list of values. Values
                              containing comma should be quoted or escaped with backslash
  --user-group-ids USER_GROUP_IDS Comma separated list of values. Values
                              containing comma should be quoted or escaped with backslash
  --user-groups USER_GROUP_NAMES Comma separated list of values. Values
                              containing comma should be quoted or escaped with backslash
  --user-ids USER_IDS        Comma separated list of values. Values
                              containing comma should be quoted or escaped with backslash
  --users USER_LOGINS        Comma separated list of values. Values
                              containing comma should be quoted or escaped with backslash
  -h, --help                print help
```

10.69. HAMMER VIRT-WHO-CONFIG

Manage Virt Who configurations

```
Usage:
    hammer virt-who-config [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:
    SUBCOMMAND                subcommand
    [ARG] ...                 subcommand arguments

Subcommands:
    create                    Create a virt-who configuration
    delete                   Delete a virt-who configuration
    deploy                    Download and execute script for the
specified virt-who configuration
    fetch                     Renders a deploy script for the specified
virt-who configuration
    info                      Show a virt-who configuration
    list                      List of virt-who configurations
    update                   Update a virt-who configuration

Options:
    -h, --help                print help
```

10.69.1. hammer virt-who-config create

Create a virt-who configuration

```
Usage:
    hammer virt-who-config create [OPTIONS]

Options:
    --blacklist BLACKLIST      Hypervisor blacklist,
applicable only when filtering mode is set to 2.
                                Wildcards and regular
                                expressions are supported, multiple records must be
                                separated by comma.
    --debug DEBUG              Enable debugging output
                                One of true/false, yes/no,
1/0.
    --filtering-mode MODE      Hypervisor filtering mode
                                Possible value(s): 'none',
'whitelist', 'blacklist'
    --hypervisor-id HYPERVISOR_ID Specifies how the hypervisor
will be identified.
                                Possible value(s):
'hostname', 'uuid', 'hwuuid'
    --hypervisor-password HYPERVISOR_PASSWORD Hypervisor password, required
for all hypervisor types except for libvirt
    --hypervisor-server HYPERVISOR_SERVER      Fully qualified host name or IP
address of the hypervisor
    --hypervisor-type HYPERVISOR_TYPE          Hypervisor type
                                Possible value(s): 'esx',
'rhev', 'hyperv', 'xen', 'libvirt'
```

```

--hypervisor-username HYPERVERSOR_USERNAME Account name by which virt-who
is to connect to the hypervisor.
--interval INTERVAL Configuration interval in
minutes
Possible value(s): '60',
'120', '240', '480', '720'
--name NAME Configuration name
--no-proxy NO_PROXY Ignore Proxy. A comma-
separated list of hostnames or domains or ip
addresses to ignore proxy
settings for. Optionally this may be set to * to
bypass proxy settings for all
hostnames domains or ip addresses.
--organization ORGANIZATION_NAME Organization name
--organization-id ORGANIZATION_ID organization ID
--organization-title ORGANIZATION_TITLE Organization title
--proxy PROXY HTTP Proxy that should be
used for communication between the server on
which virt-who is running and
the hypervisors and virtualization managers.
--satellite-url SATELLITE_URL Satellite server FQDN
--whitelist WHITELIST Hypervisor whitelist,
applicable only when filtering mode is set to 1.
Wildcards and regular
expressions are supported, multiple records must be
separated by comma.
-h, --help print help

```

10.69.2. hammer virt-who-config delete

Delete a virt-who configuration

```

Usage:
    hammer virt-who-config delete [OPTIONS]

Options:
  --id ID Configuration numeric identifier
  --name NAME Name to search by
  -h, --help print help

```

10.69.3. hammer virt-who-config deploy

Download and execute script for the specified virt-who configuration

```

Usage:
    hammer virt-who-config deploy [OPTIONS]

Options:
  --id ID
  --name NAME Name to search by
  -h, --help print help

```

10.69.4. hammer virt-who-config fetch

Renders a deploy script for the specified virt-who configuration

```
Usage:
    hammer virt-who-config fetch [OPTIONS]

Options:
    --id ID
    --name NAME                Name to search by
    --output, -o FILE          File where the script will be written.
    -h, --help                 print help
```

10.69.5. hammer virt-who-config info

Show a virt-who configuration

```
Usage:
    hammer virt-who-config info [OPTIONS]

Options:
    --id ID
    --name NAME                Name to search by
    -h, --help                 print help
```

10.69.6. hammer virt-who-config list

List of virt-who configurations

```
Usage:
    hammer virt-who-config list [OPTIONS]

Options:
    --order ORDER              sort results
    --page PAGE                paginate results
    --per-page PER_PAGE        number of entries per request
    --search SEARCH            filter results
    -h, --help                 print help
```

10.69.7. hammer virt-who-config update

Update a virt-who configuration

```
Usage:
    hammer virt-who-config update [OPTIONS]

Options:
    --blacklist BLACKLIST      Hypervisor blacklist,
    applicable only when filtering mode is set to 2.
    Wildcards and regular
    expressions are supported, multiple records must be
    separated by comma.
    --debug DEBUG              Enable debugging output
    One of true/false, yes/no,
    1/0.
```

```

--filtering-mode MODE                Hypervisor filtering mode
                                     Possible value(s): 'none',
                                     'whitelist', 'blacklist'
--hypervisor-id HYPERVISOR_ID        Specifies how the hypervisor
will be identified.                  Possible value(s):
                                     'hostname', 'uuid', 'hwuuid'
--hypervisor-password HYPERVISOR_PASSWORD Hypervisor password, required
for all hypervisor types except for libvirt
--hypervisor-server HYPERVISOR_SERVER Fully qualified host name or IP
address of the hypervisor
--hypervisor-type HYPERVISOR_TYPE     Hypervisor type
                                     Possible value(s): 'esx',
                                     'rhev', 'hyperv', 'xen', 'libvirt'
--hypervisor-username HYPERVISOR_USERNAME Account name by which virt-who
is to connect to the hypervisor.
--id ID                               Configuration numeric
identifier
--interval INTERVAL                 Configuration interval in
minutes                               Possible value(s): '60',
                                     '120', '240', '480', '720'
--name NAME                           Name to search by
--new-name NEW_NAME                   Configuration name
--no-proxy NO_PROXY                   Ignore Proxy. A comma-
separated list of hostnames or domains or ip
addresses to ignore proxy
settings for. Optionally this may be set to * to
bypass proxy settings for all
hostnames domains or ip addresses.
--organization ORGANIZATION_NAME      Organization name
--organization-id ORGANIZATION_ID      organization ID
--organization-title ORGANIZATION_TITLE Organization title
--proxy PROXY                         HTTP Proxy that should be
used for communication between the server on
which virt-who is running and
the hypervisors and virtualization managers.
--satellite-url SATELLITE_URL          Satellite server FQDN
--whitelist WHITELIST                 Hypervisor whitelist,
applicable only when filtering mode is set to 1.
                                     Wildcards and regular
expressions are supported, multiple records must be
separated by comma.
-h, --help                            print help

```