Red Hat Satellite 6.3

Hammer CLI Guide

Using Hammer, the Satellite’s CLI tool
Abstract

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

```yaml
: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:

```bash
$ 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. USING STANDALONE HAMMER

You can install hammer on a host that has no Satellite Server installed, and use it to connect the host to a remote Satellite.

**Prerequisites**

- Ensure that you register the host to Satellite Server or Capsule Server. For more information, see Registering a Host in the Provisioning Guide.

- Ensure that you synchronize the following repositories on Satellite Server or Capsule Server. For more information, see Synchronizing Red Hat Repositories in the Content Management Guide.
  - `rhel-7-server-rpms`
  - `rhel-server-rhscl-7-rpms`
  - `rhel-7-server-satellite-tools-6.3-rpms`

**Procedure**

On a host, complete the following steps to install hammer:

1. Enable the Red Hat Enterprise Linux, Red Hat Software Collections and Red Hat Satellite Tools repositories:
# subscription-manager repos --enable=rhel-7-server-rpms \ 
--enable=rhel-server-rhscl-7-rpms \ 
--enable=rhel-7-server-satellite-tools-6.3-rpms

2. Install **hammer**:

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

3. Edit the `:host:` entry in the `/etc/hammer/cli.modules.d/foreman.yml` file to include the Satellite IP address or FQDN.

   ```
   :host: 'https://satellite.example.com'
   ```

### 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.

```yaml
: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):

```yaml
: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.

```bash
# katello-service restart
```

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

  ```bash
  # hammer admin logging --all --level-debug
  # katello-service restart
  ```

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

  ```bash
  # hammer admin logging --all --level-production
  # katello-service restart
  ```

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

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

- To list all available logging options:

  ```bash
  # 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. TROUBLESHOOTING WITH HAMMER

You can use the `hammer ping` command to check the status of core Satellite services. Together with the `katello-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 Creating 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 \n  --name $ORG \n  --description "Example_organization"
```

This command assigns a compute resource to the organization:

```
$ hammer organization update \n  --name $ORG \n  --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.

```bash
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:

```bash
$ 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:

```bash
$ 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`. 

---

CHAPTER 2. MANAGING ORGANIZATIONS, LOCATIONS, AND REPOSITORIES

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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-a675-425a4acacce
```

To view the progress of the task, issue:

```
$ hammer task progress --id 640bb71f-0ce5-40a3-a675-425a4acacce
```

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.

```bash
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:

```bash
$ 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:

```bash
$ 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:

```bash
$ 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.".

```bash
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:

```bash
$ 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:

```bash
$ 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:

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

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

```bash
$ 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:

```bash
$ 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:

```bash
$ 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):

```bash
$ 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:

```bash
$ 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:

```bash
$ 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:

```bash
$ 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:

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

Find the IDs for the `--component-ids` option by executing `hammer content-view list`.

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:

```bash
$ 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:

```bash
$ 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:

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

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

```bash
$ hammer content-view filter rule list \
   --content-view cv-rhel7-server \n   --content-view-filter exclude-emacs \n   --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
```

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th>--------</th>
<th>-------------</th>
<th>--------</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID</td>
<td>NAME</td>
<td>AUTHOR</td>
<td>VERSION</td>
</tr>
<tr>
<td>1</td>
<td>concat</td>
<td>puppetlabs</td>
<td>1.2.3</td>
</tr>
</tbody>
</table>

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 \
```
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 \
```
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:

```bash
$ hammer content-view version incremental-update \
   --content-view-version-id 4 \
   --errata-ids 8c3801f6-12a7-4a62-83f4-addbb1f34ce6 \
   --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:

   ```bash
   $ hammer organization list
   ```

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

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

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

   ```bash
   $ 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`:

   ```bash
   $ 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 \  
```
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:

```bash
$ 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, issue the following command:

```
$ hammer template list
```

To add a new template, issue 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.

## 5.8. 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).

```bash
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:

```bash
$ 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:

  ```bash
  $ 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.

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

```bash
$ hammer host create --name "host_name" --hostgroup "hostgroup_name" --interface="primary=true, provision=true, mac=mac_address, ip=ip_address" 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}_${LC_ENV}/rhel-\${MAJOR}server-\${ARCH}$/} {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

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--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

<table>
<thead>
<tr>
<th>Keys</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>Defines the interface type, one of <code>Nic::Managed</code>, <code>Nic::BMC</code>, <code>Nic::Bond</code>.</td>
</tr>
<tr>
<td>name, identifier</td>
<td>Identification of the interface.</td>
</tr>
<tr>
<td>mac, ip, domain (or domain_id), subnet (or subnet_id)</td>
<td>Network settings, domain and subnet identification can be inherited from the host group.</td>
</tr>
<tr>
<td>primary, provision, managed, virtual</td>
<td>Accept true or false. Managed hosts needs to have one primary and provisioning interface.</td>
</tr>
<tr>
<td><strong>Specific to virtual interfaces</strong></td>
<td></td>
</tr>
<tr>
<td>tag</td>
<td>VLAN tag, this attribute has precedence over the subnet VLAN ID.</td>
</tr>
<tr>
<td>attached_to</td>
<td>Identifier of the interface to which the virtual interface belongs, for example <code>eth1</code>.</td>
</tr>
<tr>
<td><strong>Specific to bonded interfaces</strong></td>
<td></td>
</tr>
<tr>
<td>mode</td>
<td>Bonding mode, one of <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>.</td>
</tr>
<tr>
<td><strong>Specific to BMC interfaces</strong></td>
<td></td>
</tr>
<tr>
<td>provider</td>
<td>BMC provider, set to IPMI.</td>
</tr>
<tr>
<td>username, password</td>
<td>BMC access credentials.</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Provider</th>
<th>Keys</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Keys for the --compute-attributes option</strong></td>
<td></td>
</tr>
<tr>
<td>EC2</td>
<td><code>flavor_id</code>, <code>image_id</code>, <code>availability_zone</code>, <code>security_group_ids</code>, <code>managed_ip</code></td>
</tr>
<tr>
<td>GCE</td>
<td><code>machine_type</code>, <code>image_id</code>, <code>network</code>, <code>external_ip</code></td>
</tr>
<tr>
<td>Libvirt</td>
<td><code>cpus</code>, <code>memory</code>, <code>start</code></td>
</tr>
<tr>
<td>OpenStack</td>
<td><code>flavor_ref</code>, <code>image_ref</code>, <code>tenant_id</code>, <code>security_groups</code>, <code>network</code></td>
</tr>
<tr>
<td>RHEV</td>
<td><code>cluster</code>, <code>template</code>, <code>cores</code>, <code>memory</code>, <code>start</code></td>
</tr>
<tr>
<td>VMware</td>
<td><code>cpus</code>, <code>corespersocket</code>, <code>memory_mb</code>, <code>cluster</code>, <code>path</code>, <code>guest_id</code>, <code>scsi_controller_type</code>, <code>hardware_version</code>, <code>start</code></td>
</tr>
</tbody>
</table>
### 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.

```bash
$ 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, \n    mac=52:54:00:62:43:06, \n    managed=true, \n    type=Nic::Managed, \n    domain_id=1, \n    subnet_id=1" \
  --interface="identifier=eth2, \n    mac=52:54:00:d3:87:8f, \n    managed=true, \n    type=Nic::Managed, \n    domain_id=1, \n    subnet_id=1" \
  --interface="identifier=bond0, \n    ip=172.25.18.123, \n    type=Nic::Bond, \n    mode=active-backup, \n    attached_devices=[eth1,eth2], \n    managed=true, \n    domain_id=1, \n    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:

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

```bash
$ 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):

```bash
$ 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:

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

To list job templates available, issue:

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

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

```bash
$ 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:

```bash
$ 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 monitor the job output, issue:

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

Find the `job_ID` in the output of **hammer job-invocation list**. 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
AAAAB3NzaC1yc2EAAAADAQABAAABAQD08zE/wdJ/M1xnR5dCSSP2XO+Koac7wJ5YxN5YvOG6hR0IA3XvQI4G48d9qP8yQO
nJvM7aVsvP1p/Rv3p7rXk/bcSiNjAnpYJ0aCun4Karol94CHZy8L/bJe0MzC9U93u12iapP3rQhXv0Pe9LYWp9T
2+os
```

**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
Example 8.2. Applying All Available Errata to a Host

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

```bash
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):

   ```bash
   $ 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):

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

3. Apply the erratum to the host:

   ```bash
   $ 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:

```bash
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 $HOST --errata-ids $i
done
```
To see if errata were applied successfully, find the corresponding task in the output of the following command:

```bash
$ hammer task list
```

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

```bash
$ 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:

```bash
$ 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 6.3.

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
--name NAME
--organization ORGANIZATION_NAME
--organization-id ORGANIZATION_ID
--organization-label ORGANIZATION_LABEL
--quantity QUANTITY
--subscription-id SUBSCRIPTION_ID
-h, --help

ID of the activation key
Activation key name to search by
Organization name to search by
organization ID
Organization label to search by
Quantity of this subscription to add
ID of subscription
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
--id ID
--name NAME
--organization ORGANIZATION_NAME
--organization-id ORGANIZATION_ID
--organization-label ORGANIZATION_LABEL
--override-name OVERRIDE_NAME
--remove
--value VALUE
-h, --help

Label of the content
ID of the activation key
Activation key name to search by
Organization name to search by
organization ID
Organization label to search by
Override parameter key or name.
To enable or disable a repo
Default value: enabled
Default: "enabled"
Remove a content override
Override value. Note for repo
print help

10.1.4. hammer activation-key copy

Copy an activation key

Usage:
hammer activation-key copy [OPTIONS]

Options:
--id ID
--name NAME
--new-name NEW_NAME
--organization ORGANIZATION_NAME

ID of the activation key
Activation key name to search by
Name of new activation key
Organization name to search by
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
- --host-id HOST_ID
- --id ID
- --name NAME
- --organization ORGANIZATION_NAME
- --organization-id ORGANIZATION_ID
- --organization-label ORGANIZATION_LABEL
- -h, --help

10.1.8. hammer activation-key info

Show an activation key

Usage:
hammer activation-key info [OPTIONS]

Options:
- --id ID
- --name NAME
- --organization ORGANIZATION_NAME
- --organization-id ORGANIZATION_ID
- --organization-label ORGANIZATION_LABEL
- -h, --help

10.1.9. hammer activation-key list

List activation keys

Usage:
hammer activation-key list [OPTIONS]

Options:
- --by BY
- --content-view CONTENT_VIEW_NAME
- --content-view-id CONTENT_VIEW_ID
- --full-result FULL_RESULT
- --lifecycle-environment LIFECYCLE_ENVIRONMENT_NAME
- --lifecycle-environment-id LIFECYCLE_ENVIRONMENT_ID
- --name NAME
- --order ORDER
- -h, --help
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
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
--host HOST_NAME 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
--match-installed MATCH_INSTALLED Return subscriptions that match installed products of the specified host
--name ACTIVATION_KEY_NAME Activation key name to search by
--no-overlap NO_OVERLAP Return subscriptions which do not overlap with a currently-attached subscription
--order ORDER Sort field and order, eg. 'name DESC'
--organization ORGANIZATION_NAME Organization name to search by
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
- `--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` lifecycle environment numeric identifier
- `--max-hosts MAX_HOSTS` maximum number of registered content hosts
- `--name NAME` Activation key name
- `--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
- `--release-version RELEASE_VERSION` content release version
- `--service-level SERVICE_LEVEL` service level
- `--unlimited-hosts` set hosts max to unlimited

- `--help` print help

10.2. `HAMMER ADMIN`

Administrative server-side tasks

Usage:

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

Parameters:
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.
   -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
  --name NAME Architecture name
  --operatingsystem OPERATINGSYSTEM_TITLE Operating system 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
  --name NAME Architecture name
  -h, --help print help

10.3.4. hammer architecture info

Show an architecture

Usage:
  hammer architecture info [OPTIONS]

Options:
  --id ID
  --name NAME Architecture name
  -h, --help print 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 bzipped 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 bzipped 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
-h, --help print 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
--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 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 NAME
  Name to search by
  -h, --help
  print 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 NAME
  Name to search by
  -h, --help
  print 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
  --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
10.6.1.5. hammer auth-source ldap update

Update an LDAP authentication source

Usage:
hammer auth-source ldap update [OPTIONS]

Options:
--account ACCOUNT
--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
--id ID
--ldap-filter LDAP_FILTER LDAP filter
--location-ids LOCATION_IDS REPLACE locations with given ids
--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
--onthefly-register ONTHEFLY_REGISTER One of true/false, yes/no, 1/0.
--organization-ids ORGANIZATION_IDS REPLACE organizations with given ids.
--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
d--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

10.7. 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
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
  --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                        Get current capsule synchronization
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 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
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]
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                                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
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.
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 NAME                   Name to search by
  -h, --help                    print 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
  --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
```
10.8.5. hammer capsule info

Show a capsule

Usage:
   hammer capsule info [OPTIONS]

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

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
--new-name NEW_NAME

Name to search by

--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.

--url URL

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
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]
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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 for Libvirt only
--display-type DISPLAY_TYPE Possible value(s): 'VNC',
'SPICE'
--domain DOMAIN for RHEL OpenStack Platform
only
--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
--name NAME for Libvirt and VMware only
--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
--password PASSWORD Password for RHEV, EC2,
VMware, OpenStack. Secret key for EC2
--provider PROVIDER Providers include Libvirt,
Ovirt, EC2, VMware, Openstack, Rackspace, GCE,
--region REGION Docker
--server SERVER for EC2 only
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
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
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
--name NAME                                            Compute resource 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.
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,
--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

10.10. 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
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:
--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

10.11.2. hammer content-view add-version

Add a content view version to a composite view

Usage:
hammer content-view add-version [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 identifier
--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

10.11.3. 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_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:
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

-h, --help print help
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
Comma separated list of values.
--composite Create a composite content view
Values containing comma should be quoted or escaped with backslash
--description DESCRIPTION Description for the content view
--label LABEL Content view label
---name NAME
--organization ORGANIZATION_NAME
--organization-id ORGANIZATION_ID
--organization-label ORGANIZATION_LABEL
--product PRODUCT_NAME
--product-id PRODUCT_ID
--repositories REPOSITORY_NAMES
--repository-ids REPOSITORY_IDS
Values containing comma should be quoted or escaped with backslash
-h, --help

10.11.6. hammer content-view delete
Delete a content view

Usage:
hammer content-view delete [OPTIONS]

Options:
--async
--id ID
--name NAME
--organization ORGANIZATION_NAME
--organization-id ORGANIZATION_ID
--organization-label ORGANIZATION_LABEL
-h, --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:
--content-view CONTENT_VIEW_NAME
--content-view-id CONTENT_VIEW_ID
--id ID
--name NAME
--organization ORGANIZATION_NAME
--organization-id ORGANIZATION_ID
--organization-label ORGANIZATION_LABEL
--product PRODUCT_NAME
--product-id PRODUCT_ID
--repository REPOSITORY_NAME
--repository-id REPOSITORY_ID
-h, --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:
--content-view CONTENT_VIEW_NAME
--content-view-id CONTENT_VIEW_ID
--description DESCRIPTION
--inclusion INCLUSION
--name NAME
--organization ORGANIZATION_NAME
--organization-id ORGANIZATION_ID
--organization-label ORGANIZATION_LABEL
--original-packages ORIGINAL_PACKAGES
--repositories REPOSITORY_NAMES
--repository-ids REPOSITORY_IDS
--type TYPE
-h, --help

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10.11.7.3. hammer content-view filter delete

delete a filter

Usage:
hammer content-view filter delete [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
-h, --help                                print help

10.11.7.4. hammer content-view filter info

show filter info

Usage:
hammer content-view filter info [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
-h, --help                                print help

10.11.7.5. hammer content-view filter list

list filters

Usage:
hammer content-view filter 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                                One of true/false, yes/no, 1/0.
--name NAME                             filter content view filters by name
--order ORDER                            Sort field and order, eg. 'name
-DESC'                                  '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
--page PAGE Page number, starting at 1
--per-page PER_PAGE Number of results per page to return
--search SEARCH Search string
--types TYPES 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
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'
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
```

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
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)
**--types TYPES**
(enhancement, bugfix, security)
Comma separated list of values. Values containing comma should be quoted or escaped with backslash

**--version VERSION**
package: version

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

**--inclusion INCLUSION**
specifies if content should be included or excluded, default: inclusion=false
One of true/false, yes/no, 1/0.

**--name NAME**
Name to search by

**--new-name NEW_NAME**
new name for the filter

**--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

**--original-packages ORIGINAL_PACKAGES**
add all packages without errata to the included/excluded list. (package filter only)
One of true/false, yes/no, 1/0.

**--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. or escaped with backslash

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

**10.11.8. hammer content-view info**

Show a content view

Usage:
hammer content-view info [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

**-h, --help**
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.                                        Show all results
   --full-result FULL_RESULT                           One of true/false,
   show all results                                     Whether or not to
   yes/no, 1/0.                                        Show all results
   --lifecycle-environment LIFECYCLE_ENVIRONMENT_NAME  Environment name
   --lifecycle-environment-id LIFECYCLE_ENVIRONMENT_ID Name of the content
   view                                                 view
   --noncomposite NONCOMPOSITE                         Filter out composite
   content views                                        content views
   yes/no, 1/0.                                        Filter out default
   --nondefault NONDEFAULT                             content views
   one of true/false, yes/no, 1/0.                    One of true/false,
   --order ORDER                                       Sort field and
   order, eg. 'name DESC'                              search by
   --organization ORGANIZATION_NAME                    Organization name to
   search by                                            search by
   --organization-id ORGANIZATION_ID                   organization ID
   --organization-label ORGANIZATION_LABEL             Organization label
   to search by                                         to search by
   --page PAGE                                         Page number,
   starting at 1                                        Number of results
   --per-page PER_PAGE                                 Search string
   per page to return                                   Do not include this
   --search SEARCH                                     array of content views
   --without WITHOUT                                   Comma separated
   array of content views                              list of values. Values containing comma should be quoted or escaped with
   -h, --help                                          backslash

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
--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
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 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
---organization ORGANIZATION_NAME
---organization-id ORGANIZATION_ID
---organization-label ORGANIZATION_LABEL
---uuid UUID
-h, --help

10.11.12. hammer content-view purge

Delete old versions of a content view

Usage:
hammer content-view purge [OPTIONS]

Options:
--async
--count COUNT
Default: 3
--id ID
--name NAME
--organization ORGANIZATION_NAME
--organization-id ORGANIZATION_ID
--organization-label ORGANIZATION_LABEL
-h, --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
--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 CONTENT_VIEW_ENVIRONMENTS
Comma separated list of values. Values containing comma should be quoted or escaped with backslash
--id ID
--key-content-view-id KEY_CONTENT_VIEW_ID
content view numeric identifier
--key-environment-id KEY_ENVIRONMENT_ID
environment to reassign orphaned activation keys to
--name NAME
Content view name to search by

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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
--id ID content view numeric identifier
--lifecycle-environment LIFECYCLE_ENVIRONMENT_NAME Environment name
--lifecycle-environment-id LIFECYCLE_ENVIRONMENT_ID
--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

10.11.15. 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:
--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 identifier
--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

**10.11.17. hammer content-view update**

Update a content view

Usage:
hammer content-view update [OPTIONS]

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


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:
--async
Do not wait for the task

--content-view-version CONTENT_VIEW_VERSION_VERSION
Content view version number

--content-view-version-id CONTENT_VIEW_VERSION_ID
Content view version identifier

--description DESCRIPTION
The description for the new generated Content View Versions

--errata-ids ERRATA_IDS
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

--host-ids HOST_IDS
IDs of hosts to update
Comma separated list of values. Values containing comma should be quoted or escaped with backslash

--lifecycle-environment-ids ENVIRONMENT_IDS
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

--lifecycle-environments ENVIRONMENTS
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

--organization ORGANIZATION_NAME
Organization name for resolving lifecycle environment names

--organization-id ORGANIZATION_ID
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 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:
--by BY Field to sort the results on
--composite-version-id COMPOSITE_VERSION_ID Filter versions that are components in the specified composite version
--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
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
--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
--puppet-module PUPPET_MODULE_NAME Name to search by
--puppet-module-id PUPPET_MODULE_ID a puppet module identifier
--search SEARCH Search string
--version VERSION Filter versions by version number
-h, --help print help

10.11.18.6. hammer content-view version promote

Promote a content view version

Usage:
hammer content-view version promote [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
--description DESCRIPTION The description for the content view version promotion
--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

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
- **--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
--export
--file FILE_NAME
--organization ORGANIZATION
--search SEARCH
-h, --help
-v, --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]
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. Can be 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.
10.14.7. hammer discovery reboot

Reboot a host

Usage:
hammer discovery reboot [OPTIONS]

Options:
--id ID
--name NAME Name to search by
-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 NAME Name to search by
-h, --help print 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
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
--location-titles LOCATION_TITLES Comma separated list of values. Values containing comma should be quoted or escaped with backslash
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.

--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:
10.15.5. hammer discovery-rule update

Update a rule

Usage:
hammer discovery-rule update [OPTIONS]

Options:
--enabled ENABLED                         flag is used for temporary
shutdow 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
defines a pattern to assign
human-readable hostnames to the matching hosts
--hostname HOSTNAME                       defines a pattern to assign
human-readable hostnames to the matching hosts
--hosts-limit HOSTS_LIMIT
--id ID
--location-ids LOCATION_IDS               replaces locations with given
ids                                         values. Values containing comma should be quoted or escaped with backslash
--location-titles LOCATION_TITLES         Comma separated list of values.
Comma separated list of values.
values. Values containing comma should be quoted or escaped with backslash
--locations LOCATION_NAMES                Comma separated list of values.
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                               Name to search by
--new-name NEW_NAME                       represents rule name shown to
the users
--organization-ids ORGANIZATION_IDS       replaces organizations with
given ids.                                 values. Values containing comma should be quoted or escaped with backslash
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
Comma separated list of values.
--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

10.16. HAMMER DOCKER
Manipulate docker content

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

Parameters:
SUBCOMMAND
(ARG] ...  subcommand
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
(ARG] ...  subcommand
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.
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
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                               Name to search by
-h, --help                                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                               Name to search by
--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 search 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

10.16.3. hammer docker registry

Manage docker registries

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

Parameters:
SUBCOMMAND ...
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-ids LOCATION_IDS                             REPLACE locations with given
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
10.16.3.2. hammer docker registry delete

Delete a docker registry

Usage:
hammer docker registry delete [OPTIONS]

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

10.16.3.3. hammer docker registry info

Show a docker registry

Usage:
hammer docker registry info [OPTIONS]

Options:
--id ID
--name NAME  Name to search by
-h, --help  print 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
- --location-titles LOCATION_TITLES
- --locations LOCATION_NAMES
- --name NAME
- --new-name NEW_NAME
- --organization-ids ORGANIZATION_IDS
- --organization-titles ORGANIZATION_TITLES
- --organizations ORGANIZATION_NAMES
- --password PASSWORD
- --url URL
- --username USERNAME
- -h, --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

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 
  --content-view-version CONTENT_VIEW_VERSION_VERSION Content view version 
  --content-view-version-id CONTENT_VIEW_VERSION_ID   identifier 
  --environment ENVIRONMENT_NAME                      Environment name 
  --environment-id ENVIRONMENT_ID                     Whether or not to 
  --full-result FULL_RESULT                           show all results 
  --ids IDS                                           ids to filter 
  --order ORDER                                       One of true/false, 
  id separator                                        
  --organization ORGANIZATION_NAME                    Comma separated 
  --organization-id ORGANIZATION_ID                   values. Values containing comma should be quoted or escaped with 
  --organization-label ORGANIZATION_LABEL             backslash 
  --page PAGE                                         Sort field and 
  starting at 1                                        order, eg. 'name DESC' 
  --per-page PER_PAGE                                 Page number, 
  per page to return                                  Number of results 
  --product PRODUCT_NAME                              Product name to 
  --product-id PRODUCT_ID                             product numeric
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
--location-titles LOCATION_TITLES  Comma separated list of values. Values containing comma should be quoted or escaped with backslash
--organization-ids ORGANIZATION_ID  The full DNS domain name
10.17.2. hammer domain delete

Delete a domain

Usage:
hammer domain delete [OPTIONS]

Options:
--id ID
--name NAME           Domain name
-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

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 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        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                       REPLACEMENT locations with given ids
   --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.
--locations LOCATION_NAMES Comma separated list of values.
--name NAME Domain name
--new-name NEW_NAME The full DNS domain name
--organization-ids ORGANIZATION_IDS REPLACE organizations with given ids.
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
--organizations ORGANIZATION_NAMES Comma separated list of values.
-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
--location-titles LOCATION_TITLES Comma separated list of values.
--locations LOCATION_NAMES Comma separated list of values.
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
-h, --help

10.18.2. hammer environment delete
Delete an environment

Usage:
    hammer environment delete [OPTIONS]

Options:
    --id ID
    --name NAME                   Environment name
    -h, --help                    print help

10.18.3. hammer environment info
Show an environment

Usage:
    hammer environment info [OPTIONS]

Options:
    --id ID
    --name NAME                   Environment name
    -h, --help                    print 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
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
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.
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
--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
--cve CVE                                                  CVE
identifier
```
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
  to search by
  --product PRODUCT_NAME
  search by
  --product-id PRODUCT_ID
  identifier
  --repository REPOSITORY_NAME
  search by
  --repository-id REPOSITORY_ID
  -h, --help

10.21.2. hammer file list

List files

Usage:
  hammer file list [OPTIONS]

Options:
  --by BY
    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_VERSIONVERSION_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
  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
10.22. HAMMER FILTER

Manage permission filters.

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

Parameters:
- **SUBCOMMAND** subcommand
- **[ARG]** subcommand arguments

Subcommands:
- `available-permissions` List all permissions
- `available-resources` List available resource types.
- `create` Create a filter
- `delete` Delete a filter
- `info` Show a filter
- `list` List all filters
- `update` Update a filter

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

10.22.1. hammer filter available-permissions

List all permissions

Usage:
```
hammer filter available-permissions [OPTIONS]
```

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

10.22.2. hammer filter available-resources

List available resource types.

Usage:
```
hammer filter available-resources [OPTIONS]
```
### 10.22.3. hammer filter create

Create a filter

Usage:
```
hammer filter create [OPTIONS]
```

Options:
- **--location-ids LOCATION_ID**
  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_ID**
  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_ID**
  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     print help
-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  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
```
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
info                     Show a host
interface                View and manage host's network interfaces
list                     List all hosts
package                  Manage packages on your hosts
package-group            Manage package-groups on your hosts
puppet-classes           List all Puppet classes
puppetrun  Force a Puppet agent run on the host
reboot    Reboot a host
rebuild-config  Rebuild orchestration related configurations for host
reports   List all reports
sc-params  List all smart class parameters
set-parameter  Create or update parameter for a host.
smart-variables  List all smart variables
start     Power a host on
status    Get configuration status of host
stop      Power a host off
subscription Manage subscription information on your hosts
update    Update a host

Options:
-h, --help  print help

10.27.1. hammer host create
Create a host

Usage:
   hammer host create [OPTIONS]

Options:
   --architecture ARCHITECTURE_NAME  Architecture name
   --architecture-id ARCHITECTURE_ID  One of true/false, yes/no, 1/0.
   --ask-root-password ASK_ROOT_PW Sets whether the Host will autoheal subscriptions upon checkin
   yes/no, 1/0.
   --autoheal AUTOHEAL  One of true/false, yes/no, 1/0.
   --build BUILD Default: "true"
   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 name
   --compute-resource COMPUTE_RESOURCE_NAME  IDs of associated config groups
   --compute-resource-id COMPUTE_RESOURCE_ID  Comma separated
list of values. Values containing comma should be quoted or escaped with backslash
   --config-group-ids CONFIG_GROUP_IDS Comma separated list of values. Values containing comma should be quoted or escaped with backslash
   --config-groups CONFIG_GROUP_NAMES
```
--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 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

Default: "true"

--managed MANAGED One of true/false, yes/no, 1/0.

Default: "true"

--medium MEDIUM_NAME Medium name
--medium-id MEDIUM_ID
--model MODEL_NAME Model name
--model-id MODEL_ID
--name NAME

--openscap-proxy-id OPENSCAP_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
--owner-id OWNER_ID
--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-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-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
  --pxe-loader PXE_LOADER
  (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
--realm-id REALM_ID
  Name to search by
  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-password is deprecated: Use --root-password instead)
--service-level SERVICE_LEVEL
  Service level to be used for autoheal.
--subnet 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

10.27.2. hammer host delete
Delete a host

Usage:
  hammer host delete [OPTIONS]

Options:
  --id ID
  --name NAME Host name
  -h, --help print 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
10.27.5. hammer host facts

List all fact values

Usage:
    hammer host facts [OPTIONS]

Options:
    --id ID
    --name NAME                   Host name
    --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

10.27.6. hammer host info

Show a host

Usage:
    hammer host info [OPTIONS]

Options:
    --id ID
    --name NAME                                     Host name
    --show-hidden-parameters SHOW_HIDDEN_PARAMETERS Display hidden parameter values
    yes/no, 1/0.                                      One of true/false,
    -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
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. `['eth1', 'eth2']`. For bond interfaces those are the slaves. Only for bond and bridges interfaces. Comma separated list of values.
--attached-to ATTACHED_TO Identifier of the interface to which this interface belongs, e.g. eth1. Only for virtual interfaces.
--bond-options BOND_OPTIONS Space separated options, e.g. miimon=100. Only for bond interfaces.
--compute-attributes COMPUTE_ATTRS 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
--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. Possible value(s): 'IPMI', 'SSH'
--provision

Should this interface be used for TFTP of PXELinux (or SSH for image-based hosts)? Each managed host needs to have one provision interface.

--subnet SUBNET_NAME

Subnet name

--subnet-id SUBNET_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

-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

-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
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.
  Only for virtual interfaces.
  --bond-options BOND_OPTIONS         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
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

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 name
    --hostgroup HOSTGROUP_NAME        Hostgroup title
    --hostgroup-id HOSTGROUP_ID       Location name
    --hostgroup-title HOSTGROUP_TITLE Location title
    --location LOCATION_NAME          Location title
    --location-id LOCATION_ID         sort results
    --location-title LOCATION_TITLE   paginate results
    --order ORDER                      number of entries per request
    --organization ORGANIZATION_NAME  filter results
    --organization-id ORGANIZATION_ID Organization title
    --organization-title ORGANIZATION_TITLE
    --page PAGE                        print help
    --per-page PER_PAGE
    --search SEARCH
    -h, --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             List of package names
--packages PACKAGES           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             Sort field and order, eg. 'name DESC'
--order ORDER                 Page number, starting at 1
--page 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             Host name
    --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             Host name
    --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

10.27.9.5. 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             Host name
    -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
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
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
    --name NAME                   Host name
    -h, --help                    print help

10.27.13. hammer host reboot

Reboot a host

Usage:
    hammer host reboot [OPTIONS]

Options:
    --id ID
    --name NAME                   Host name
    -h, --help                    print help

10.27.14. hammer host rebuild-config

Rebuild orchestration related configurations for host

Usage:
    hammer host rebuild-config [OPTIONS]

Options:
    --id ID
    --name NAME                   Host name
    --only ONLY                   Limit rebuild steps, valid steps are DHCP,
                                 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:
    --id ID                       Host id
    --name NAME                   Host name
    --order ORDER                 sort results
    --page PAGE                   paginate results
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
10.27.19. hammer host start

Power a host on

Usage:
hammer host start [OPTIONS]

Options:
--id ID
--name NAME Host name
-h, --help print help

10.27.20. hammer host status

Get configuration status of host

Usage:
hammer host status [OPTIONS]

Options:
--id ID
--name NAME Host name
-h, --help print 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
--organization-id ORGANIZATION_ID Organization ID to search by
--organization-label ORGANIZATION_LABEL Organization label
to search by
--release-version RELEASE_VERSION  Release version of the content host
--service-level SERVICE_LEVEL  A service level for auto-healing process, e.g. SELF-SUPPORT
--uuid UUID  UUID to use for registered host, random uuid is generated if not provided
-h, --help  print help

10.27.22.6. hammer host subscription remove

Usage:
hammer host subscription remove [OPTIONS]

Options:
--host HOST_NAME  Host name
--host-id HOST_ID
--quantity Quantity  Remove the first instance of a subscription with matching id and quantity
--subscription-id SUBSCRIPTION_ID  ID of subscription
-h, --help  print help

10.27.22.7. hammer host subscription unregister

Unregister the host as a subscription consumer

Usage:
hammer host subscription unregister [OPTIONS]

Options:
--host HOST_NAME  Host name
--host-id HOST_ID
-h, --help  print help

10.27.23. hammer host update

Update a host

Usage:
hammer host update [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.
--autoheal AUTOHEAL  Sets whether the Host will autoheal subscriptions upon checkin
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-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 HYPERVISOR_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

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                     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 OPENSCAP_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 Capsule ID
---puppet-ca-proxy-id PUPPET_CA_PROXY_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 Capsule ID
---puppet-proxy-id PUPPET_PROXY_ID                   (Grub2/PXELinux by default)
---pxe-loader PXE_LOADER (Graceful)
---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 parameters
--volume VOLUME Comma-separated list of key=value.
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
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:
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
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<tr>
<td>cpus</td>
<td>Cpu count</td>
</tr>
<tr>
<td>corespersocket</td>
<td>Number of cores per socket (applicable to hardware versions &lt; 10 only)</td>
</tr>
<tr>
<td>memory_mb</td>
<td>Integer number, amount of memory in MB</td>
</tr>
<tr>
<td>cluster</td>
<td>Cluster id from VMware</td>
</tr>
<tr>
<td>path</td>
<td>Path to folder</td>
</tr>
<tr>
<td>guest_id</td>
<td>Guest OS id form VMware</td>
</tr>
<tr>
<td>scsi_controller_type</td>
<td>Id of the controller from VMware</td>
</tr>
<tr>
<td>hardware_version</td>
<td>Hardware version id from VMware</td>
</tr>
<tr>
<td>start</td>
<td>Must be a 1 or 0, whether to start the machine or not</td>
</tr>
<tr>
<td>--interface:</td>
<td></td>
</tr>
<tr>
<td>compute_type</td>
<td>Type of the network adapter, for example one of:</td>
</tr>
<tr>
<td></td>
<td>VirtualVmxnet, VirtualVmxnet2, VirtualVmxnet3, VirtualE1000, VirtualE1000e, VirtualPCNet32</td>
</tr>
<tr>
<td></td>
<td>See documentation center for your version of vSphere to find more details about available adapter types:</td>
</tr>
<tr>
<td></td>
<td><a href="https://www.vmware.com/support/pubs/">https://www.vmware.com/support/pubs/</a></td>
</tr>
<tr>
<td>compute_network</td>
<td>Network id from VMware</td>
</tr>
<tr>
<td>--volume:</td>
<td></td>
</tr>
<tr>
<td>name</td>
<td></td>
</tr>
<tr>
<td>datastore</td>
<td>Datastore id from VMware</td>
</tr>
<tr>
<td>size_gb</td>
<td>Integer number, volume size in GB</td>
</tr>
<tr>
<td>thin</td>
<td>true/false</td>
</tr>
<tr>
<td>eager_zero</td>
<td>true/false</td>
</tr>
</tbody>
</table>

## 10.28. HAMMER HOST-COLLECTION

Manipulate host collections

**Usage:**

```
hammer host-collection [OPTIONS] SUBCOMMAND [ARG] ...
```

**Parameters:**

<table>
<thead>
<tr>
<th>SUBCOMMAND</th>
<th>subcommand</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ARG] ...</td>
<td>subcommand arguments</td>
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</tbody>
</table>

**Subcommands:**

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<tr>
<th>Subcommand</th>
<th>Description</th>
</tr>
</thead>
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<td>Add host to the host collection</td>
</tr>
<tr>
<td>copy</td>
<td>Copy a host collection</td>
</tr>
<tr>
<td>create</td>
<td>Create a host collection</td>
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<td>Destroy a host collection</td>
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<tr>
<td>erratum</td>
<td>Manipulate errata for a host collection</td>
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<tr>
<td>hosts</td>
<td>List all hosts</td>
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<tr>
<td>info</td>
<td>Show a host collection</td>
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<tr>
<td>list</td>
<td>List host collections</td>
</tr>
<tr>
<td>package</td>
<td>Manipulate packages for a host collection</td>
</tr>
<tr>
<td>package-group</td>
<td>Manipulate package-groups for a host</td>
</tr>
</tbody>
</table>
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
--hosts HOST_NAMES Comma separated list of values.
Values containing comma should be quoted
--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.
Values containing comma should be quoted --hosts HOST_NAMES                  Comma separated list of values.
Values containing comma should be quoted --max-hosts MAX_HOSTS                Maximum number of hosts in the 
host collection                         Host Collection name
--name NAME                             Organization name to search by
--organization ORGANIZATION_NAME        Organization ID
--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

10.28.4. 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:
  --errata ERRATA                         List of Errata to install
  --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
  -h, --help                              print help

10.28.6. hammer host-collection hosts

List all hosts

Usage:
hammer host-collection hosts [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
  --id HOST_COLLECTION_ID                 Host Collection ID
  --include INCLUDE                       Array of extra information types
to include
  --location LOCATION_NAME                Location name
  --location-id LOCATION_ID
  --location-title LOCATION_TITLE         Location title
  --name HOST_COLLECTION_NAME             Host Collection Name
  --order ORDER                           sort results
  --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                             paginate results
  --per-page PER_PAGE                     number of entries per request
  --search SEARCH                         filter results
  --thin THIN                             Only list ID and name of hosts
  One of true/false, yes/no, 1/0.
  -h, --help                              print help

10.28.7. hammer host-collection info

Show a host collection

Usage:
hammer host-collection info [OPTIONS]
Options:

--id ID
--name NAME
--organization ORGANIZATION_NAME
--organization-id ORGANIZATION_ID
--organization-label ORGANIZATION_LABEL
-h, --help

Id of the host collection
Host collection name to search by
Organization name to search by organization ID
Organization label to search by
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-id ACTIVATION_KEY_ID
--available-for AVAILABLE_FOR
--by BY
--full-result FULL_RESULT
--host HOST_NAME
--host-id HOST_ID
--name NAME
--order ORDER
--organization ORGANIZATION_NAME
--organization-id ORGANIZATION_ID
--organization-label ORGANIZATION_LABEL
--page PAGE
--per-page PER_PAGE
--search SEARCH
-h, --help

Activation key name to search by ID of the activation key
Interpret specified object to be returned only Host Collections that can be associated with specified
Field to sort the results on Whether or not to show all results
One of true/false, yes/no, 1/0.
Host name
host collection name to filter
Sort field and order, eg. 'name DESC'
Organization name to search by organization ID
Organization label to search by
Page number, starting at 1
Number of results per page to return
Search string
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

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

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
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
--packages PACKAGES PACKAGE-GROUPS      comma-separated list of package-
groups to install
Values containing comma should be quoted or escaped with backslash
-h, --help                              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
```

Values containing comma should be quoted or escaped with backslash

-h, --help                              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
```

Values containing comma should be quoted or escaped with backslash

-h, --help                              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
--hosts HOST_NAMES                      Comma separated list of values.
```

Values containing comma should be quoted or escaped with backslash

-h, --help                              print help

```
--id ID                                 Id of the host collection
--name NAME                             Host collection name to search by
```

Values containing comma should be quoted or escaped with backslash
--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

10.28.12. hammer host-collection update

Update a host collection

Usage:
   hammer host-collection update [OPTIONS]

Options:
   --description DESCRIPTION  List of host ids to replace the hosts in host collection
   --host-ids 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
   --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
   list  List all host groups
   puppet-classes  List all Puppet classes
   sc-params  List all smart class parameters
   set-parameter  Create or update parameter for a
hostgroup.
smart-variables List all smart variables
update Update a host group

Options:
-h, --help print help

10.29.1. hammer hostgroup create

Create a host group

Usage:
   hammer hostgroup create [OPTIONS]

Options:
  --architecture ARCHITECTURE_NAME Architecture
  --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
  --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 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
  --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

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locations with given ids

separated list of values. Values containing comma should be quoted or escaped with backslash

--location-titles LOCATION_TITLES

separated list of values. Values containing comma should be quoted or escaped with backslash

--locations LOCATION_NAMES

separated list of values. Values containing comma should be quoted or escaped with backslash

--medium MEDIUM_NAME
--medium-id MEDIUM_ID
--name NAME

Name of the host group

--openscap-proxy-id OPENSCAP_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

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
--name NAME Hostgroup name
--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:
--id ID
10.29.5. hammer hostgroup list

List all host groups

Usage:
hammer hostgroup 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

10.29.6. hammer hostgroup puppet-classes

List all Puppet classes

Usage:
hammer hostgroup puppet-classes [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
- -h, --help 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 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 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 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
  --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
  --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
  --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
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--medium-id MEDIUM_ID
--name NAME Hostgroup
name
--new-name NEW_NAME Name of the host group
--openscap-proxy-id OPENSCAP_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.
organizations with given ids.
--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
--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                       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 range: 0-59)
(b range: 0-23)
(c is day of...
month (range: 1-31)

(range: 1-12)

d. is month

e. is day of

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).

defaults to a
template parameter or global setting.

--end-time DATETIME Perform no more
executions after this time, used with --cron-line

Date and time

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

Comma-

separated list of key=file, where file is a path to a text file to be read

--inputs INPUTS Specify inputs

from command line

Comma-

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

Date and 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

Date and time

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

-h, --help print 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  Whether the current user login
--current-user CURRENT_USER     should be used as the effective user
  1/0.
--description-format DESCRIPTION_FORMAT  This template is used to
generate the description. Input values can
be used
You may also include the job category and
{job_category} and %{template_name}.
--file TEMPLATE                  Path to a file that contains
the template
--job-category JOB_CATEGORY      Job category
--location-ids LOCATION_IDS     REPLACE locations with given
values. Values containing comma should be
--location-titles LOCATION_TITLES Comma separated list of
Values containing comma should be quoted or
--locations LOCATION_NAMES       escaped with backslash
Values containing comma should be
--locked LOCKED                  Comma separated list of
locked for editing
  1/0.
--name NAME                     Template name
--organization-ids ORGANIZATION_IDS
values. Values containing comma should be
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
Values containing comma should be quoted or
--organizations ORGANIZATION_NAMES Comma separated list of values.
Values containing comma should be quoted or
--overridable OVERRIDABLE        Whether it should be allowed
to override the effective user from the
invocation form.
  1/0.
--provider-type PROVIDER_TYPE    Provider type
--snippet SNIPPET                Possible value(s): 'SSH'
  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 NAME                   Name to search by
   -h, --help                    print help

10.31.3. hammer job-template dump

View job template content

Usage:
   hammer job-template dump [OPTIONS]

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

10.31.4. hammer job-template export

Export a template including all metadata

Usage:
   hammer job-template export [OPTIONS]

Options:
   --id ID
   --name NAME                   Name to search by
   -h, --help                    print 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 -
   --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 NAME                    Name to search by
-h, --help                    print 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          One of true/false, yes/no,
1/0.
--description-format DESCRIPTION_FORMAT     This template is used to
generate the description. Input values can   be used
You may also include the job category and   using the syntax %{package}.
{job_category} and %{template_name}.        template name using %
--file TEMPLATE                             Path to a file that contains
the template                               the template
--id ID                                    Job category
--job-category JOB_CATEGORY
--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

Name to search by

--new-name NEW_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

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'

One of true/false, yes/no,

--snippet SNIPPET

What user should be used to run the script (using sudo-like mechanisms)

1/0.

-h, --help

print help

10.32. HAMMER LIFECYCLE-ENVIRONMENT

Manipulate lifecycle_environments on the server

Usage:

hammer lifecycle-environment [OPTIONS] SUBCOMMAND [ARG] ...

Parameters:

SUBCOMMAND                   subcommand
[ARG] ...                    subcommand arguments

Subcommands:

create                       Create an environment
delete                       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 library environments
- --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:
- --description DESCRIPTION description of the environment
10.33. HAMMER LOCATION

Manipulate locations.

Usage:
hammer location [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-medium Associate a medium
add-organization Associate an organization
add-smart-proxy Associate a smart proxy
add-subnet Associate a subnet
add-user Associate an user
create Create a location
delete Delete a location
delete-parameter Delete parameter for a location.
info Show a location
list List all locations
remove-compute-resource Disassociate a compute resource
remove-config-template Disassociate a configuration template
remove-domain Disassociate a domain
remove-environment Disassociate an environment
remove-hostgroup Disassociate a hostgroup
remove-medium Disassociate a medium
remove-organization Disassociate an organization
remove-smart-proxy Disassociate a smart proxy
remove-subnet Disassociate a subnet
remove-user Disassociate an user
set-parameter Create or update parameter for a location.
update Update a location

Options:
-h, --help print help

10.33.1. hammer location add-compute-resource
Associate a compute resource

Usage:
```bash
hammer location add-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

10.33.2. hammer location add-config-template

Associate a configuration template

Usage:
```bash
hammer location add-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

10.33.3. hammer location add-domain

Associate a domain

Usage:
```bash
hammer location add-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

10.33.4. hammer location add-environment

Associate an environment

Usage:
```bash
hammer location add-environment [OPTIONS]
```

Options:
- `--environment ENVIRONMENT_NAME` Environment name
- `--environment-id ENVIRONMENT_ID`

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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
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
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
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
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
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
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
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

--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
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
 One of true/false, yes/no, 1/0.
--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
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
--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

10.33.24. hammer location remove-subnet

Disassociate a subnet

Usage:
hammer location remove-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

10.33.25. hammer location remove-user

Disassociate an user

Usage:
hammer location remove-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

10.33.26. 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.
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
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
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  REPLACES locations with given
  ids
  Comma separated list of
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  REPLACES organizations with
  given ids.
  Comma separated list of
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,
  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
  for example
  mirror.centos.org/centos/$version/os/$arch
  substituted for the host's actual OS architecture
  $minor will be substituted for the version
  Solaris and Debian media may
  also use $release.
  -h, --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 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

10.34.6. hammer medium remove-operatingsystem

Disassociate an operating system

Usage:
   hammer medium remove-operatingsystem [OPTIONS]

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

10.34.7. hammer medium update

Update a medium

Usage:
hammer medium update [OPTIONS]

Options:
--id ID
--location-ids LOCATION_IDS
--location-titles LOCATION_TITLES
--locations LOCATION_NAMES
--name NAME
--new-name NEW_NAME
--operatingsystem-ids OPERATINGSYSTEM_IDS
--operatingsystems OPERATINGSYSTEM_TITLES
--organization-ids ORGANIZATION_IDS
--organization-titles ORGANIZATION_TITLES
--organizations ORGANIZATION_NAMES
--os-family OS_FAMILY
--path PATH

Values containing comma should be quoted or escaped with backslash.
Comma separated list of values.

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:
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
add-smart-proxy Associate a smart proxy
add-subnet Associate a subnet
add-user Associate an user
create Create organization
delete Delete an organization
delete-parameter Delete parameter for an organization.
info Show organization
10.36.1. hammer organization add-compute-resource

Associate a compute resource

Usage:
hammer organization add-compute-resource [OPTIONS]

Options:
--compute-resource COMPUTERESOURCE_NAME  Compute resource name
--compute-resource-id COMPUTERESOURCE_ID  organization 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 CONFIGTEMPLATE_NAME  Name to search by
--config-template-id CONFIGTEMPLATE_ID  organization 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
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
                                 Comma separated
list of values. Values containing comma should be quoted or escaped with backslash
   --provisioning-templates       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
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 organization ID
--id 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 organization ID
--hostgroup-title HOSTGROUP_TITLE Hostgroup title
--id 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
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
  --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
  --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
  --domains DOMAIN_NAMES  Comma separated
                              list of values. Values containing comma should be quoted or escaped with
                              backslash
  --domain-ids DOMAIN_IDS  Domain IDs
                              Comma separated
  --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
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.

Red Hat Satellite 6.3 Hammer CLI Guide
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          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
10.37.4. hammer os create

Create an operating system

Usage:
  hammer os create [OPTIONS]

Options:
  --architecture-ids ARCHITECTURE_IDS IDs of associated architectures
  --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
  --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
  --minor MINOR
  --name NAME
  --os-parameters-attributes OS_PARAMETERS_ATTRIBUTES Array of parameters
  --partition-table-ids PARTITION_TABLE_IDS IDs of associated partition tables
  --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
10.37.5. hammer os delete

Delete an operating system

Usage:
hammer os delete [OPTIONS]

Options:
--id 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
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
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
yes/no, 1/0.
--ids IDS ids to filter 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] ...
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 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
   true/false, yes/no, 1/0.
   --host HOST_NAME                Host name
   --host-id HOST_ID               ids to filter content by
   --ids IDS                       Comma separated list of values. Values containing comma should be quoted or escaped with backslash

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>--order ORDER</td>
<td>Sort field</td>
</tr>
<tr>
<td>and order, eg. 'name DESC'</td>
<td></td>
</tr>
<tr>
<td>--organization ORGANIZATION_NAME</td>
<td>Organization name to search by</td>
</tr>
<tr>
<td>name to search by</td>
<td></td>
</tr>
<tr>
<td>--organization-id ORGANIZATION_ID</td>
<td>organization ID</td>
</tr>
<tr>
<td>ID</td>
<td></td>
</tr>
<tr>
<td>--organization-label ORGANIZATION_LABEL</td>
<td>Organization label to search by</td>
</tr>
<tr>
<td>label to search by</td>
<td></td>
</tr>
<tr>
<td>--packages-restrict-applicable PACKAGES_RESTRICT_APPLICABLE</td>
<td>Only show packages that are applicable to hosts (defaults to true if host_id is specified)</td>
</tr>
<tr>
<td>packagess restrict upgradable</td>
<td>Only show packages that are upgradable in the host(s) Content View.</td>
</tr>
<tr>
<td>PACKAGES_RESTRICT_UPGRADABLE</td>
<td>One of true/false, yes/no, 1/0.</td>
</tr>
<tr>
<td>--page PAGE</td>
<td>Page number, starting at 1</td>
</tr>
<tr>
<td>per-page PER_PAGE</td>
<td>Number of results per page to return</td>
</tr>
<tr>
<td>name to search by</td>
<td></td>
</tr>
<tr>
<td>--product PRODUCT_NAME</td>
<td>Product name to search by</td>
</tr>
<tr>
<td>PRODUCT_NAME</td>
<td></td>
</tr>
<tr>
<td>--product-id PRODUCT_ID</td>
<td>Product numeric identifier</td>
</tr>
<tr>
<td>ID</td>
<td></td>
</tr>
<tr>
<td>--repository REPOSITORY_NAME</td>
<td>Repository name to search by</td>
</tr>
<tr>
<td>REPOSITORY_NAME</td>
<td></td>
</tr>
<tr>
<td>name to search by</td>
<td></td>
</tr>
<tr>
<td>--repository-id REPOSITORY_ID</td>
<td>repository ID</td>
</tr>
<tr>
<td>ID</td>
<td></td>
</tr>
<tr>
<td>--search SEARCH</td>
<td>Search string</td>
</tr>
<tr>
<td>SEARCH</td>
<td></td>
</tr>
<tr>
<td>-h, --help</td>
<td>print help</td>
</tr>
</tbody>
</table>

### 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 name to search by
   --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
--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
--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
the partition layout
--host-ids HOST_IDS
with the partition table
values. Values containing comma should be quoted or escaped with backslash
--hostgroup-ids HOSTGROUP_IDS
associate with the partition table
values. Values containing comma should be quoted or escaped with backslash
--hostgroup-titles HOSTGROUP_TITLES
Values containing comma should be quoted or escaped with backslash
--hosts HOST_NAMES
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
Values containing comma should be quoted or escaped with backslash
--locations LOCATION_NAMES
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
--name NAME Partition table name
-h, --help print help

10.41.4. hammer partition-table dump

View partition table content.

Usage:
hammer partition-table dump [OPTIONS]

Options:
--id ID
--name NAME Partition table name
-h, --help print help

10.41.5. hammer partition-table info

Show a partition table

Usage:
hammer partition-table info [OPTIONS]

Options:
--id ID
--name NAME Partition table name
-h, --help print 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
--hostgroup-ids HOSTGROUP_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
--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
--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 Partition table name
--new-name NEW_NAME
--operatingsystem-ids OPERATINGSYSTEM_IDS Array of operating system IDs
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
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 NAME      Name to search by
  -h, --help      print help

10.43.3. hammer policy info

Show a Policy

Usage:
  hammer policy info [OPTIONS]

Options:
  --id ID
  --name NAME      Name to search by
  -h, --help      print 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
  --hostgroups HOSTGROUP_NAMES Comma separated
list of values. Values containing comma should be quoted or escaped with
backslash
  -h, --help                  print help
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:
   --available-for AVAILABLE_FOR                         Interpret
   specified object to return only Products that can be associated
   object. Only 'sync_plan' is supported.
   --by BY                                               Field to sort
   the results on
   --custom CUSTOM                                       Filter products
   by custom
   true/false, yes/no, 1/0.                              Filter products
   --enabled ENABLED                                     One of
   by enabled or disabled
   true/false, yes/no, 1/0.                              Whether or not to
   --full-result FULL_RESULT                             show all results
   show all results
   true/false, yes/no, 1/0.                              One of
   --include-available-content INCLUDE_AVAILABLE_CONTENT Whether to include
   available content attribute in results
   One of
   true/false, yes/no, 1/0.                              Filter products
   --name NAME                                           One of
   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                                         Number of results
   --per-page PER_PAGE                                   Search string
   per page to return
   --search SEARCH                                       Subscription name
   --subscription SUBSCRIPTION_NAME                      Subscription
   to search by
   --subscription-id SUBSCRIPTION_ID                     Subscription
   identifier
   --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

10.44.5. hammer product remove-sync-plan
Delete assignment sync plan and product.

Usage:
```
hammer product remove-sync-plan [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
--id ID                                 product numeric identifier
--name NAME                             Product name to search by
--new-name NEW_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
-h, --help                              print help
```

10.44.6. hammer product set-sync-plan

Assign sync plan to product.

Usage:
```
hammer product set-sync-plan [OPTIONS]
```

Options:
```
--gpg-key GPG_KEY_NAME                  Name to search by
--gpg-key-id GPG_KEY_ID                 gpg key numeric identifier
--id ID                                 product numeric identifier
--name NAME                             Product name to search by
--new-name NEW_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
```

10.44.7. hammer product synchronize

Sync all repositories for a product

Usage:
```
hammer product synchronize [OPTIONS]
```

Options:
```
--async                                 Do not wait for the task
--id ID                                 product ID
--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
```
10.44.8. hammer product update

Updates a product

Usage:

```
hammer product update [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
--id ID                                 product numeric identifier
--name NAME                             Product name to search by
--new-name NEW_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
```

10.45. HAMMER PROXY

Manipulate smart proxies.

Usage:

```
hammer proxy [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
```

10.45.1. hammer proxy content

Manage the capsule content

Usage:

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

Parameters:

```
SUBCOMMAND                    subcommand
```


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 of the capsule
- -id ID: Id of the capsule
- --name NAME: Name to search by
- --organization 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 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

Usage:
hammer proxy content cancel-synchronization

Options:
- -h, --help: print help
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
10.45.1.7. hammer proxy content synchronization-status

Get current capsule synchronization status

Usage:
hammer proxy content synchronization-status [OPTIONS]

Options:
--id ID 
--name NAME
--organization ORGANIZATION_NAME
--organization-id ORGANIZATION_ID
--organization-label ORGANIZATION_LABEL
-h, --help

10.45.1.8. hammer proxy content synchronize

Synchronize the content to the capsule

Usage:
hammer proxy content synchronize [OPTIONS]

Options:
--async
--environment ENVIRONMENT_NAME
--environment-id ENVIRONMENT_ID
--id ID
--name NAME
--organization NAME
--organization-id ID
--skip-metadata-check SKIP_METADATA_CHECK
-h, --help

1/0.

10.45.2. hammer proxy create

Create a capsule

Usage:
hammer proxy create [OPTIONS]

Options:
--download-policy DOWNLOAD_POLICY
--location-ids LOCATION_IDS
-h, --help
values. Values containing comma should be quoted or escaped with backslash
--location-titles LOCATION_TITLES Comma separated list of values.
--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.
--organization-titles ORGANIZATION_TITLES Comma separated list of values.
--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 NAME Name to search by
   -h, --help print 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 NAME Name to search by
-h, --help print 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 NAME Name to search by
-h, --help print 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
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
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
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:
<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>create</td>
<td>Create a realm</td>
</tr>
<tr>
<td>delete</td>
<td>Delete a realm</td>
</tr>
<tr>
<td>info</td>
<td>Show a realm</td>
</tr>
<tr>
<td>list</td>
<td>List of realms</td>
</tr>
<tr>
<td>update</td>
<td>Update a realm</td>
</tr>
</tbody>
</table>

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
- `--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.
- `--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.
- `--realm-proxy-id REALM_PROXY_ID`  Capsule ID to use within this realm
- `--realm-type REALM_TYPE`  Realm type, e.g. Red Hat

**-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-ids LOCATION_IDS               REPLACE locations with given
                                              ids
    --location-title LOCATION_TITLE         Location title
    --order ORDER                           sort results
    --organization ORGANIZATION_NAME        Organization name
    --organization-ids ORGANIZATION_IDS       REPLACE organizations with
                                              given ids.
    --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
    --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:
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 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]
10.50.3. hammer remote-execution-feature update

Update a job template

Usage:
   hammer remote-execution-feature update [OPTIONS]

Options:
   --id ID
   --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
   -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
the repository, currently 'sha1' & 'sha256'
checksum of
are
supported.
--content-type CONTENT_TYPE
type of repo
(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 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
numeric identifier
--ignore-global-proxy IGNORE_GLOBAL_PROXY
ignore the globally configured Capsule when syncing.
One of
true/false, yes/no, 1/0.
--label LABEL
true if this
repository when synced has to be mirrored from the source and
stale rpms
removed.
true/false, yes/no, 1/0.
--name NAME
Organization
name to search by
--organization ID
organization
--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 url
--verify-ssl-on-sync VERIFY_SSL_ON_SYNC if true, Katello will verify the upstream url's SSL certificates are signed by a trusted CA.
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
--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
-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 Organization label to search by
--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
specified object. Only 'content_view' is
associated with
- --by BY Field to sort the
results on
- --content-type CONTENT_TYPE limit to only
repositories of this type
Possible value(s):
'docker', 'file', 'puppet', 'yum', 'ostree'
- --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
identifier
- --environment ENVIRONMENT_NAME 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
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
repository
--order ORDER
order, eg. 'name DESC'
--organization ORGANIZATION_NAME
search by
--organization-id ORGANIZATION_ID
--organization-label ORGANIZATION_LABEL
to search by
--ostree-branch OSTREE_BRANCH_NAME
--ostree-branch-id OSTREE_BRANCH_ID
identifier
--page PAGE
starting at 1
--per-page PER_PAGE
per page to return
--product PRODUCT_NAME
search by
--product-id PRODUCT_ID
identifier
--rpm-id RPM_ID
find repositories that contain the rpm
--search SEARCH
-h, --help

10.52.6. hammer repository remove-content

Remove content from a repository

Usage:
hammer repository remove-content [OPTIONS]

Options:
--id ID
--ids IDS
Array of content ids to remove
Comma separated list of values.
Values containing comma should be quoted
--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

10.52.7. hammer repository synchronize

Sync a repository

Usage:
hammer repository synchronize [OPTIONS]

Options:
--async
--id ID
--incremental INCREMENTAL
Do not wait for the task
repository ID
perform an incremental import
One of true/false, yes/no,
1/0.
--name NAME
--organization ORGANIZATION_NAME
--organization-id ORGANIZATION_ID
--organization-label ORGANIZATION_LABEL
--product PRODUCT_NAME
--product-id PRODUCT_ID
--skip-metadata-check SKIP_METADATA_CHECK
Repository name to search by
Organization name to search by
organization ID
Organization label to search by
Product name to search by
product numeric identifier
changes are detected. Only used with yum
Force sync even if no upstream
repositories.
One of true/false, yes/no,
1/0.
--source-url SOURCE_URL
--validate-contents VALIDATE_CONTENTS
temporarily override feed URL
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
the repository, currently 'sha1' & 'sha256'
checksum of
supported.'
--docker-upstream-name DOCKER_UPSTREAM_NAME
upstream docker repository
name of the
--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
search by
Name to
--gpg-key-id GPG_KEY_ID
numeric identifier
gpg key
--id ID
repository
ID
--mirror-on-sync MIRROR_ON_SYNC
ture if this
repository when synced has to be mirrored from the source and stale rpms removed.

true/false, yes/no, 1/0.
--name NAME
name to search by
--new-name NEW_NAME
the repository
--organization ORGANIZATION_NAME
name to search by
--organization-id ORGANIZATION_ID
ID to search by
--organization-label ORGANIZATION_LABEL
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
numeric identifier
--publish-via-http ENABLE
Publish Via HTTP
true/false, yes/no, 1/0.
--upstream-password UPSTREAM_PASSWORD
Password of the upstream repository user for authentication
--upstream-username UPSTREAM_USERNAME
Username of the upstream repository user for authentication
--url URL
the feed url of the original repository
--verify-ssl-on-sync VERIFY_SSL_ON_SYNC
if true, Katello will verify the upstream url's SSL certificates are signed by a trusted CA.
true/false, yes/no, 1/0.
-h, --help
print 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
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 Releaser 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 Releaser 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
  --name NAME Repository set name to search on
  --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
  --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:
10.54.2. hammer role create

Create a role

Usage:
hammer role create [OPTIONS]

Options:
--description DESCRIPTION  Role description
--id ID
--location-ids LOCATION_IDS  REPLACE locations with given ids
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
--new-name NEW_NAME
--organization-ids ORGANIZATION_IDS  REPLACE organizations with given ids.
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

10.54.3. hammer role delete
Delete a role

Usage:
hammer role delete [OPTIONS]

Options:
--id ID
--name NAME                   User role name
-h, --help                    print 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:

```
--description DESCRIPTION                 Role description
--id ID                                  REPLACE locations with given
--location-ids LOCATION_IDS               ids values. Values containing comma should be
                                          quoted or escaped with backslash
--location-titles LOCATION_TITLES         Comma separated list of values.
--locations LOCATION_NAMES                Comma separated list of values.
--name NAME                               User role name
--new-name NEW_NAME
--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.
--organizations ORGANIZATION_NAMES        Comma separated list of values.
```

-h, --help

print help

10.55. HAMMER SC-PARAM

Manipulate smart class parameters.

Usage:

```
hammer sc-param [OPTIONS] SUBCOMMAND [ARG] ...
```

Parameters:

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

Subcommands:

```
add-override-value            Create an override value for a specific
                             smart variable
info                          Show a smart class parameter
list                          List all smart class parameters
remove-override-value         Delete an override value for a specific
                             smart variable
update                        Update a smart class parameter
```

Options:

```
-h, --help                    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
    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
    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
--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 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
-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,
   --id ID
   --merge-default MERGE_DEFAULT Include default value when merging all matching values
   One of true/false, yes/no,
   --merge-overrides MERGE_OVERRIDES Merge all matching values
   (only array/hash type)
-h, --help print help
```
One of true/false, yes/no, 1/0.
--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.
--override OVERRIDE               Override this parameter. 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
--parameter-type PARAMETER_TYPE   Type of the parameter. Possible value(s):
'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. One of true/false, yes/no,
1/0.
--use-puppet-default USE_PUPPET_DEFAULT Deprecated, please use omit
One of true/false, yes/no,
1/0.
--validator-rule VALIDATOR_RULE   Used to enforce certain values for the parameter values
--validator-type VALIDATOR_TYPE   Type of the validator. Possible value(s):
'regexp', '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
--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
--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
--title TITLE                SCAP content title
-h, --help                   print 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
--name NAME Setting 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    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,

- **--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,

- **--merge-default** MERGE_DEFAULT
  Include default value when merging all matching values
  One of true/false, yes/no,

- **--merge-overrides** MERGE_OVERRIDES
  Merge all matching values
  One of true/false, yes/no,

- **--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

- **--validator-type** VALIDATOR_TYPE
  Type of the validator. 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
- **--name** NAME
  Smart variable name (Deprecated: Use --variable instead)

- **--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:
--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.
--id ID
--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.
--new-variable NEW_VARIABLE Name of variable
--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
--validator-type VALIDATOR_TYPE Type of the validator.
Possible value(s):
'regexp', 'list', ''
--variable VARIABLE Smart variable name
--variable-type VARIABLE_TYPE Type of the variable.
Possible value(s):
'string', 'boolean', 'integer', 'real', 'array', 'hash', 'yaml', 'json'
-h, --help

10.60. HAMMER SUBNET

Manipulate subnets.

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

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

Subcommands:
create Create a subnet
delete Delete a subnet
delete-parameter 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
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               Comma separated list of
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
--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
IPv6, possible value(s): 'IPv4',
--organization-ids ORGANIZATION_IDS  REPLACE organizations with
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  print help

10.60.4. hammer subnet info

Show a subnet

Usage:
   hammer subnet info [OPTIONS]

Options:
   -id ID  Subnet name
   --show-hidden-parameters SHOW_HIDDEN_PARAMETERS  Display hidden parameter
values
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
--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
--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
--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
'IPv6'
--new-name NEW_NAME                       Subnet name
--organization-ids ORGANIZATION_IDS       REPLACE organizations with given ids.
--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
    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
    --by BY                                 Field to sort the results on
    --full-result FULL_RESULT               Whether or not to show all
    results
    --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 subscription

--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

return

--search SEARCH
Search string

-h, --help
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 name to search by

--organization-id ORGANIZATION_ID
organization ID

--organization-label ORGANIZATION_LABEL
Organization label to search by

-h, --help
print help

10.61.4. hammer subscription refresh-manifest

Refresh previously imported manifest for Red Hat provider

Usage:
hammer subscription refresh-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

10.61.5. 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
One of true/false, yes/no, 1/0.
--interval INTERVAL how often synchronization should run
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
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 Whether or not to show all results
--interval INTERVAL     One of true/false, yes/no, 1/0.
                        filter by interval
                        Possible value(s): 'hourly',
                        'daily', 'weekly'
--order ORDER           filter by name
                        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                                 sync plan numeric identifier
    --interval INTERVAL                     how often synchronization should run
    '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 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.
- `--locations LOCATION_NAMES` Comma separated list of values.
- `--name NAME` Tailoring file name
- `--organization-ids ORGANIZATION_IDS` REPLACE organizations with given ids.
  Comma separated list of values.
- `--organizations ORGANIZATION_NAMES` Comma separated list of values.
- `--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 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`
- `--name NAME` Tailoring file name
10.63.4. hammer tailoring-file info

Show a Tailoring file

Usage:
hammer tailoring-file info [OPTIONS]

Options:
--id ID
--name NAME Tailoring file name
-h, --help print 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
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.
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
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 NAME Name to search by
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
--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.                            One of true/false, yes/no,
--name NAME                    template name
--operatingsystem-ids OR OPERATINGSYSTEM_IDS Array of operating system IDs to associate with the template
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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 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:
--audit-comment AUDIT_COMMENT
--file TEMPLATE
the template
--id ID
--location-ids LOCATION_IDS
REPLACE locations with given ids
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
Name to search by
--new-name NEW_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 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
--type TYPE
Template type. Eg. snippet, script, provision
-h, --help
print help

10.66. HAMMER TEMPLATE-INPUT
Manage template inputs
Usage:
hammer template-input [OPTIONS] SUBCOMMAND [ARG] ...

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

Subcommands:
create
Create a template input
delete
Delete a template input
info
Show template input details
list
List template inputs
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 NAME                   Name to search by
   --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 NAME Name to search by
  --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
--login LOGIN User's login to search by
--role ROLE_NAME User 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
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
--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

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Delete a user

Usage:
   hammer user delete [OPTIONS]

Options:
   -id ID            User's login to search by
   --id ID
   --login LOGIN
   -h, --help
   -h, --help

10.67.3. hammer user delete

Delete a user

Usage:
   hammer user delete [OPTIONS]

Options:
   -id ID            User's login to search by
   --id ID
   --login LOGIN
   -h, --help
   -h, --help
10.67.4. hammer user info

Show a user

Usage:
hammer user info [OPTIONS]

Options:
--id ID
--login LOGIN User's login to search by
-h, --help print 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 name
--location LOCATION_NAME Location title
--location-id 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
--login LOGIN User's login to search by
--role ROLE_NAME User role name
--role-id ROLE_ID
-h, --help print help

10.67.7. hammer user ssh-keys
Managing User SSH Keys.

Usage:

```bash
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:

```bash
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:

```bash
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:

```bash
hammer user ssh-keys info [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

10.67.7.4. 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
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'
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 NAME                   Name to search by
    --role ROLE_NAME              User 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 NAME                   Name to search by
   -h, --help                     print 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   Name to search by
   -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 HYPERVERSID   Will be identified.
--hypervisor-password
HYPERVERSID_PASSWORD          Hypervisor password, required
for all hypervisor types except for libvirt
--hypervisor-server
HYPERVERSID_SERVER           Fully qualified host name or IP
address of the hypervisor
--hypervisor-type
HYPERVERSID_TYPE             Hypervisor type
Possible value(s): 'esx',
'rhevm', 'hyperv', 'xen', 'libvirt'
'hostname', 'uuid', 'hwuuid'
```
--hypervisor-username HYPERVISOR_USERNAME Account name by which virt-who is to connect to the hypervisor.
--interval INTERVAL Configuration interval in minutes
'120', '240', '480', '720'
--name NAME Configuration name
--no-proxy NO_PROXY Ignore Proxy. A comma-separated list of hostnames or domains or ip 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

'whitelist', 'blacklist'

--hypervisor-id HYPERVISOR_ID

will be identified.

'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',

'rhevm', '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

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

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.

-print help

-h, --help

CHAPTER 10. REFERENCE

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