



Red Hat OpenStack Platform 12

Package Manifest

Package Listing for Red Hat OpenStack Platform 12

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OpenStack Documentation Team
Red Hat Customer Content Services
rhos-docs@redhat.com

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Abstract

The Package Manifest provides a list of all core, non-core, and technology preview packages in this release of Red Hat OpenStack Platform.

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CHAPTER 1. RELEASE SCHEDULE

The following table lists the dates of the Red Hat OpenStack Platform 12 GA, along with the dates of each subsequent asynchronous release for core components:

Table 1.1. Red Hat OpenStack Platform 12 core component release schedule

Release	Date
12.0.0 (General Availability)	Dec 13, 2017

CHAPTER 2. PACKAGE DESIGNATION

A package's designation states whether a package is core, non-core, or technology preview.

Core packages have higher levels of support than non-core. That is, all functionality provided by a core package is fully supported. Non-core packages, on the other hand, are only supported in the context of specific use cases, such as when they provide functionality required by a core package.

Technology preview packages are unsupported, but are provided in this release to provide early access to features that Red Hat intends to support in future releases.

For more information about package designation, see https://access.redhat.com/support/offerings/production/scope_moredetail.

Table 2.1. Package List

Package Name	License	Designation
ansible	GPLv3+	Non-core
ansible-pacemaker	ASL 2.0	Non-core
python-babel	BSD	Non-core
babel	BSD	Non-core
blosc	MIT	Non-core
ceph-ansible	ASL 2.0 and GPLv3+	Non-core
crudini	GPLv2	Non-core
python-Cython	Python	Non-core
dibbler-relay	GPLv2	Non-core
dibbler-client	GPLv2	Non-core
dibbler-requestor	GPLv2	Non-core
dibbler-server	GPLv2	Non-core
dib-utils	ASL 2.0	Non-core
diskimage-builder	ASL 2.0	Non-core
erlang-inets	ASL 2.0	Non-core
erlang-syntax_tools	ASL 2.0	Non-core

Package Name	License	Designation
erlang-asn1	ASL 2.0	Non-core
erlang-eldap	ASL 2.0	Non-core
erlang-runtime_tools	ASL 2.0	Non-core
erlang-orber	ASL 2.0	Non-core
erlang-diameter	ASL 2.0	Non-core
erlang-eunit	ASL 2.0	Non-core
erlang-parsetools	ASL 2.0	Non-core
erlang-kernel	ASL 2.0	Non-core
erlang-erts	ASL 2.0	Non-core
erlang-otp_mibs	ASL 2.0	Non-core
erlang-hipe	ASL 2.0	Non-core
erlang-tools	ASL 2.0	Non-core
erlang-crypto	ASL 2.0	Non-core
erlang-compiler	ASL 2.0	Non-core
erlang-erl_docgen	ASL 2.0	Non-core
erlang-stdlib	ASL 2.0	Non-core
erlang-mnesia	ASL 2.0	Non-core
erlang-erl_interface	ASL 2.0	Non-core
erlang-ssh	ASL 2.0	Non-core
erlang-cosEventDomain	ASL 2.0	Non-core
erlang-xmerl	ASL 2.0	Non-core
erlang-ic	ASL 2.0	Non-core
erlang-snmp	ASL 2.0	Non-core

Package Name	License	Designation
erlang-ose	ASL 2.0	Non-core
erlang-odbc	ASL 2.0	Non-core
erlang-cosTransactions	ASL 2.0	Non-core
erlang-os_mon	ASL 2.0	Non-core
erlang-cosEvent	ASL 2.0	Non-core
erlang-cosProperty	ASL 2.0	Non-core
erlang-cosTime	ASL 2.0	Non-core
erlang-public_key	ASL 2.0	Non-core
erlang-edoc	ASL 2.0	Non-core
erlang-cosNotification	ASL 2.0	Non-core
erlang-ssl	ASL 2.0	Non-core
erlang-cosFileTransfer	ASL 2.0	Non-core
erlang-sasl	ASL 2.0	Non-core
erlang-percept	ASL 2.0	Non-core
erlang	ASL 2.0	Non-core
erlang-sd_notify	MIT	Non-core
facter	ASL 2.0	Non-core
fio	GPLv2	Non-core
fontawesome-fonts-web	OFL ; MIT	Non-core
fontawesome-fonts	OFL ; MIT	Non-core
galera	GPLv2	Non-core
GitPython	BSD	Non-core
python-google-api-client	ASL 2.0	Non-core

Package Name	License	Designation
hdf5	BSD	Non-core
heat-cfnutils	ASL 2.0	Core
hiera	ASL 2.0	Non-core
instack	ASL 2.0	Core
instack-undercloud	ASL 2.0	Core
jq	MIT and ASL 2.0 and CC-BY and GPLv3	Non-core
leveldb	BSD	Non-core
leveldbjni-all	BSD	Non-core
liberasurecode	BSD and CRC32	Non-core
libstemmer	BSD	Non-core
lz4	GPLv2+ and BSD ; BSD ; BSD	Non-core
mariadb-galera-common	GPLv2 with exceptions and LGPLv2 and BSD	Non-core
mariadb-galera-server	GPLv2 with exceptions and LGPLv2 and BSD	Non-core
memcached	BSD	Non-core
novnc	MPL 2.0 and GPLv3 and LGPLv3 and BSD and zlib and OFL 1.1	Core
python2-numpy-f2py	BSD and Python ; BSD	Non-core
python2-numpy	BSD and Python ; BSD	Non-core
opendaylight	EPL-1.0	Non-core
openshift-heat-templates	ASL 2.0	Non-core
openstack-aodh-evaluator	ASL 2.0	Core
openstack-aodh-expirer	ASL 2.0	Core

Package Name	License	Designation
python-aodh	ASL 2.0	Core
openstack-aodh-compatible	ASL 2.0	Core
openstack-aodh-api	ASL 2.0	Core
openstack-aodh-notifier	ASL 2.0	Core
openstack-aodh-common	ASL 2.0	Core
openstack-aodh-listener	ASL 2.0	Core
python-aodh-tests	ASL 2.0	Core
openstack-ceilometer-polling	ASL 2.0	Core
python-ceilometer	ASL 2.0	Core
openstack-ceilometer-central	ASL 2.0	Core
openstack-ceilometer-api	ASL 2.0	Core
python-ceilometer-tests	ASL 2.0	Core
openstack-ceilometer-notification	ASL 2.0	Core
openstack-ceilometer-ipmi	ASL 2.0	Core
openstack-ceilometer-common	ASL 2.0	Core
openstack-ceilometer-collector	ASL 2.0	Core
openstack-ceilometer-compute	ASL 2.0	Core
python-cinder	ASL 2.0	Core
openstack-cinder	ASL 2.0	Core
python-cinder-tests	ASL 2.0	Core
openstack-designate-api	ASL 2.0	Non-core
openstack-designate-pool-manager	ASL 2.0	Non-core

Package Name	License	Designation
openstack-designate-agent	ASL 2.0	Non-core
python-designate-tests	ASL 2.0	Non-core
openstack-designate-zone-manager	ASL 2.0	Non-core
openstack-designate-mdns	ASL 2.0	Non-core
openstack-designate-common	ASL 2.0	Non-core
python-designate	ASL 2.0	Non-core
openstack-designate-producer	ASL 2.0	Non-core
openstack-designate-sink	ASL 2.0	Non-core
openstack-designate-worker	ASL 2.0	Non-core
openstack-designate-central	ASL 2.0	Non-core
python-ec2-api	ASL 2.0	Non-core
openstack-ec2-api	ASL 2.0	Non-core
python-ec2-api-tests	ASL 2.0	Non-core
python-glance-tests	ASL 2.0	Core
openstack-glance	ASL 2.0	Core
python-glance	ASL 2.0	Core
python-gnocchi-tests	ASL 2.0	Core
openstack-gnocchi-indexer-sqlalchemy	ASL 2.0	Core
openstack-gnocchi-metricd	ASL 2.0	Core
openstack-gnocchi-statsd	ASL 2.0	Core
openstack-gnocchi-common	ASL 2.0	Core
openstack-gnocchi-api	ASL 2.0	Core

Package Name	License	Designation
python-gnocchi	ASL 2.0	Core
openstack-heat-api-cloudwatch	ASL 2.0	Core
openstack-heat-api-cfn	ASL 2.0	Core
openstack-heat-common	ASL 2.0	Core
openstack-heat-api	ASL 2.0	Core
openstack-heat-monolith	ASL 2.0	Core
openstack-heat-engine	ASL 2.0	Core
python-heat-tests	ASL 2.0	Core
python-heat-agent-puppet	ASL 2.0	Non-core
python-heat-agent-ansible	ASL 2.0	Non-core
python-heat-agent	ASL 2.0	Non-core
python-heat-agent-json-file	ASL 2.0	Non-core
python-heat-agent-docker-cmd	ASL 2.0	Non-core
python-heat-agent-hiera	ASL 2.0	Non-core
python-heat-agent-apply-config	ASL 2.0	Non-core
openstack-heat-agents	ASL 2.0	Non-core
openstack-ironic-api	ASL 2.0	Core
openstack-ironic-conductor	ASL 2.0	Core
openstack-ironic-common	ASL 2.0	Core
python-ironic-tests	ASL 2.0	Core
python-ironic-inspector-tests	ASL 2.0	Core
openstack-ironic-inspector	ASL 2.0	Core
openstack-ironic-python-agent	ASL 2.0	Core

Package Name	License	Designation
python-ironic-python-agent	ASL 2.0	Core
openstack-ironic-ui	ASL 2.0	Non-core
python-keystone	ASL 2.0	Core
openstack-keystone	ASL 2.0	Core
python-keystone-tests	ASL 2.0	Core
python-manila-tests	ASL 2.0	Non-core
openstack-manila-share	ASL 2.0	Non-core
python-manila	ASL 2.0	Non-core
openstack-manila	ASL 2.0	Non-core
openstack-manila-ui	ASL 2.0	Non-core
openstack-mistral-executor	ASL 2.0	Non-core
openstack-mistral-engine	ASL 2.0	Non-core
python-mistral-tests	ASL 2.0	Non-core
openstack-mistral-api	ASL 2.0	Non-core
openstack-mistral-event-engine	ASL 2.0	Non-core
openstack-mistral-all	ASL 2.0	Non-core
python-mistral	ASL 2.0	Non-core
openstack-mistral-common	ASL 2.0	Non-core
openstack-neutron-linuxbridge	ASL 2.0	Core
python-neutron-tests	ASL 2.0	Core
openstack-neutron-metering-agent	ASL 2.0	Core
openstack-neutron-rpc-server	ASL 2.0	Core

Package Name	License	Designation
openstack-neutron-macvtap-agent	ASL 2.0	Core
openstack-neutron	ASL 2.0	Core
openstack-neutron-sriov-nic-agent	ASL 2.0	Core
python-neutron	ASL 2.0	Core
openstack-neutron-openvswitch	ASL 2.0	Core
openstack-neutron-common	ASL 2.0	Core
openstack-neutron-ml2	ASL 2.0	Core
python-neutron-fwaas	ASL 2.0	Non-core
python-neutron-fwaas-tests	ASL 2.0	Non-core
openstack-neutron-fwaas	ASL 2.0	Non-core
openstack-neutron-lbaas	ASL 2.0	Core
python-neutron-lbaas	ASL 2.0	Core
python-neutron-lbaas-tests	ASL 2.0	Core
openstack-neutron-lbaas-ui	ASL 2.0	Non-core
openstack-nova-conductor	ASL 2.0	Core
python-nova	ASL 2.0	Core
openstack-nova	ASL 2.0	Core
openstack-nova-common	ASL 2.0	Core
openstack-nova-migration	ASL 2.0	Core
openstack-nova-scheduler	ASL 2.0	Core
openstack-nova-network	ASL 2.0	Core
python-nova-tests	ASL 2.0	Core
openstack-nova-serialproxy	ASL 2.0	Core

Package Name	License	Designation
openstack-nova-novncproxy	ASL 2.0	Core
openstack-nova-placement-api	ASL 2.0	Core
openstack-nova-spicehtml5proxy	ASL 2.0	Core
openstack-nova-cells	ASL 2.0	Core
openstack-nova-api	ASL 2.0	Core
openstack-nova-compute	ASL 2.0	Core
openstack-nova-console	ASL 2.0	Core
python-octavia-tests	ASL 2.0	Non-core
openstack-octavia-amphora-agent	ASL 2.0	Non-core
openstack-octavia-housekeeping	ASL 2.0	Non-core
openstack-octavia-common	ASL 2.0	Non-core
openstack-octavia-health-manager	ASL 2.0	Non-core
python-octavia-tests-golang	ASL 2.0	Non-core
openstack-octavia-diskimage-create	ASL 2.0	Non-core
openstack-octavia-worker	ASL 2.0	Non-core
python-octavia	ASL 2.0	Non-core
openstack-octavia-api	ASL 2.0	Non-core
python-panko	ASL 2.0	Core
openstack-panko-api	ASL 2.0	Core
python-panko-tests	ASL 2.0	Core
openstack-panko-common	ASL 2.0	Core
openstack-puppet-modules	ASL 2.0	Non-core

Package Name	License	Designation
openstack-rally	ASL 2.0	Non-core
python-sahara-tests	ASL 2.0	Core
openstack-sahara-engine	ASL 2.0	Core
openstack-sahara-common	ASL 2.0	Core
python-sahara	ASL 2.0	Core
openstack-sahara-api	ASL 2.0	Core
openstack-sahara	ASL 2.0	Core
python-sahara-tests-tempest	ASL 2.0	Non-core
python-sahara-tests-scenario	ASL 2.0	Non-core
openstack-sahara-tests	ASL 2.0	Non-core
openstack-sahara-ui	ASL 2.0	Non-core
openstack-selinux	GPLv2	Core
python-swift-tests	ASL 2.0	Core
openstack-swift-object	ASL 2.0	Core
openstack-swift-proxy	ASL 2.0	Core
python-swift	ASL 2.0	Core
openstack-swift-account	ASL 2.0	Core
openstack-swift-container	ASL 2.0	Core
openstack-swift-plugin-swift3	ASL 2.0	Non-core
openstack-tempest-all	ASL 2.0	Core
python-tempest-tests	ASL 2.0	Core
python-tempest	ASL 2.0	Core
openstack-tempest	ASL 2.0	Core

Package Name	License	Designation
openstack-tripleo-common-devtools	ASL 2.0	Non-core
openstack-tripleo-common	ASL 2.0	Non-core
openstack-tripleo-common-containers	ASL 2.0	Non-core
openstack-tripleo-common-container-base	ASL 2.0	Non-core
openstack-tripleo-heat-templates	ASL 2.0	Core
openstack-tripleo-heat-templates-compat	ASL 2.0	Non-core
openstack-tripleo-image-elements	ASL 2.0	Non-core
openstack-tripleo-puppet-elements	ASL 2.0	Non-core
openstack-tripleo-ui	ASL 2.0	Core
openstack-tripleo-validations-tests	ASL 2.0	Core
openstack-tripleo-validations	ASL 2.0	Core
openstack-zaqar	ASL 2.0	Non-core
python-zaqar-tests	ASL 2.0	Non-core
openvswitch-ovn-common	ASL 2.0 and LGPLv2+ and SISSL ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0	Non-core
openvswitch-ovn-host	ASL 2.0 and LGPLv2+ and SISSL ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0	Non-core
openvswitch-ovn-central	ASL 2.0 and LGPLv2+ and SISSL ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0	Non-core

Package Name	License	Designation
openvswitch	ASL 2.0 and LGPLv2+ and SISSL ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0	Non-core
openvswitch-ovn-docker	ASL 2.0 and LGPLv2+ and SISSL ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0	Non-core
openvswitch-ovn-vtep	ASL 2.0 and LGPLv2+ and SISSL ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0	Non-core
python-openvswitch	ASL 2.0 and LGPLv2+ and SISSL ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0 ; ASL 2.0	Non-core
os-apply-config	ASL 2.0	Non-core
os-cloud-config	ASL 2.0	Non-core
os-collect-config	ASL 2.0	Non-core
os-net-config	ASL 2.0	Non-core
os-refresh-config	ASL 2.0	Non-core
oz	LGPLv2	Non-core
plotnetcfg	GPLv2+	Non-core
puppet	ASL 2.0	Non-core
puppet-server	ASL 2.0	Non-core
puppet-aodh	ASL 2.0	Non-core
puppet-apache	ASL 2.0	Non-core
puppet-auditd	BSD	Non-core
puppet-barbican	ASL 2.0	Non-core

Package Name	License	Designation
puppet-cassandra	ASL 2.0	Non-core
puppet-ceilometer	ASL 2.0	Non-core
puppet-ceph	ASL 2.0	Non-core
puppet-certmonger	ASL 2.0	Non-core
puppet-cinder	ASL 2.0	Non-core
puppet-collectd	ASL 2.0	Non-core
puppet-concat	ASL 2.0	Non-core
puppet-contrail	ASL 2.0	Non-core
puppet-corosync	ASL 2.0	Non-core
puppet-datacat	ASL 2.0	Non-core
puppet-ec2api	ASL 2.0	Non-core
puppet-elasticsearch	ASL 2.0	Non-core
puppet-fdio	ASL 2.0	Non-core
puppet-firewall	ASL 2.0	Non-core
puppet-fluentd	ASL 2.0	Non-core
puppet-git	ASL 2.0	Non-core
puppet-glance	ASL 2.0	Non-core
puppet-gnocchi	ASL 2.0	Non-core
puppet-haproxy	ASL 2.0	Non-core
puppet-heat	ASL 2.0	Non-core
puppet-horizon	ASL 2.0	Non-core
puppet-inifile	ASL 2.0	Non-core
puppet-ipaclient	MIT	Non-core

Package Name	License	Designation
puppet-ironic	ASL 2.0	Non-core
puppet-java	ASL 2.0	Non-core
puppet-kafka	ASL 2.0	Non-core
puppet-keepalived	Apache-2.0	Non-core
puppet-keystone	ASL 2.0	Non-core
puppet-kibana3	Apache-2.0	Non-core
puppet-kmod	ASL 2.0	Non-core
puppet-manila	ASL 2.0	Non-core
puppet-memcached	ASL 2.0	Non-core
puppet-midonet	ASL 2.0	Non-core
puppet-mistral	ASL 2.0	Non-core
puppet-module-data	ASL 2.0	Non-core
puppet-mysql	ASL 2.0	Non-core
puppet-n1k-vsm	Apache License 2.0	Non-core
puppet-neutron	ASL 2.0	Non-core
puppet-nova	ASL 2.0	Non-core
puppet-nssdb	ASL-2.0	Non-core
puppet-ntp	Apache-2.0	Non-core
puppet-octavia	ASL 2.0	Non-core
puppet-opendaylight	BSD-2-Clause	Non-core
puppet-openstack_extras	ASL 2.0	Non-core
puppet-openstacklib	ASL 2.0	Non-core
puppet-oslo	ASL 2.0	Non-core

Package Name	License	Designation
puppet-ovn	ASL 2.0	Non-core
puppet-pacemaker	ASL 2.0	Non-core
puppet-panko	ASL 2.0	Non-core
puppet-rabbitmq	ASL 2.0	Non-core
puppet-redis	ASL 2.0	Non-core
puppet-remote	ASL 2.0	Non-core
puppet-rsync	ASL 2.0	Non-core
puppet-sahara	ASL 2.0	Non-core
puppet-sensu	MIT	Non-core
puppet-snmp	ASL 2.0	Non-core
puppet-ssh	ASL 2.0	Non-core
puppet-staging	Apache-2.0	Non-core
puppet-stdlib	ASL 2.0	Non-core
puppet-swift	ASL 2.0	Non-core
puppet-sysctl	GPL-2.0	Non-core
puppet-systemd	Apache-2.0	Non-core
puppet-tempest	ASL 2.0	Non-core
puppet-timezone	ASL 2.0	Non-core
puppet-tomcat	ASL 2.0	Non-core
puppet-tripleo	ASL 2.0	Non-core
puppet-trove	ASL 2.0	Non-core
puppet-uchiwa	ASL 2.0	Non-core
puppet-vcsrepo	GPLv2	Non-core

Package Name	License	Designation
puppet-veritas_hyperscale	ASL 2.0	Non-core
puppet-vlan	Apache-2.0	Non-core
puppet-vswitch	ASL 2.0	Non-core
puppet-xinetd	ASL 2.0	Non-core
puppet-zaqar	ASL 2.0	Non-core
puppet-zookeeper	ASL 2.0	Non-core
pyflakes	MIT	Non-core
python-pyOpenSSL	ASL 2.0	Non-core
pyparsing	MIT	Non-core
pysendfile	MIT	Non-core
python-pysnmp	BSD	Non-core
pystache	MIT	Non-core
python-pytest	MIT	Non-core
python-alembic	MIT	Non-core
python-amqp	LGPLv2+	Non-core
python-amqplib	LGPLv2+	Non-core
python-anyjson	BSD	Non-core
python-aodhclient	ASL 2.0	Non-core
python-appdirs	MIT	Non-core
python-autobahn	MIT	Non-core
python-automaton	ASL 2.0	Non-core
python-barbicanclient	ASL 2.0	Non-core

Package Name	License	Designation
python-bcrypt	ASL 2.0 and Public Domain and BSD	Non-core
python-beautifulsoup4	MIT	Non-core
python-boto	MIT	Non-core
python-botoCore	ASL 2.0	Non-core
python-Bottleneck	BSD	Non-core
python-cachetools	MIT	Non-core
python-castellan	ASL 2.0	Non-core
python-ceilometerclient	ASL 2.0	Core
python-ceilometermiddleware	ASL 2.0	Non-core
python-characteristic	MIT	Non-core
python-cinderclient	ASL 2.0	Core
python-click	BSD	Non-core
python-cliff	ASL 2.0	Non-core
python-cmd2	MIT	Non-core
python-colorama	BSD	Non-core
python-construct	MIT	Non-core
python-contextlib2	Python	Non-core
python-cotyledon	ASL 2.0	Non-core
python-cradox	LGPLv2	Non-core
python-croniter	MIT	Non-core
python2-crypto	Public Domain and Python	Non-core
python-cursive	ASL 2.0	Non-core

Package Name	License	Designation
python-daiquiri	ASL 2.0	Non-core
python-dateutil	Python	Non-core
python-ddt	MIT	Non-core
python-debtcollector	ASL 2.0	Non-core
python-defusedxml	Python	Non-core
python-deprecation	ASL 2.0	Non-core
python-designateclient	ASL 2.0	Non-core
python-designateclient-tests	ASL 2.0	Non-core
python-designate-tests-tempest	ASL 2.0	Non-core
python-django	BSD	Non-core
python-django-bash-completion	BSD	Non-core
python-django-appconf	BSD	Non-core
python-django-compressor	MIT	Non-core
openstack-dashboard	ASL 2.0 and BSD	Core
python-django-horizon	ASL 2.0 and BSD	Core
python-django-openstack-auth	BSD	Non-core
python-django-pyscss	BSD	Non-core
python-docutils	Public Domain and BSD and Python and GPLv3+	Non-core
python-dogpile-cache	BSD	Non-core
python-dogpile-Core	BSD	Non-core
python-dracclient	ASL 2.0	Non-core
python-ecdsa	MIT	Non-core

Package Name	License	Designation
python-editor	ASL 2.0	Non-core
python-eventlet	MIT	Non-core
python-extras	MIT	Non-core
python-falcon	ASL 2.0	Non-core
python-fasteners	ASL 2.0	Non-core
python-fixtures	ASL 2.0 or BSD	Non-core
python-flake8	MIT	Non-core
python-funcsigs	ASL 2.0	Non-core
python-futures	BSD	Non-core
python-futurist	ASL 2.0	Non-core
python-gabbi	ASL 2.0	Non-core
python-gflags	BSD	Non-core
python-gitdb	BSD	Non-core
python-glanceclient	ASL 2.0	Core
python-glance-store	ASL 2.0	Non-core
python-gnocchiclient	ASL 2.0	Core
python-gunicorn	MIT	Non-core
python-hacking	ASL 2.0	Non-core
python-hardware-detect	ASL 2.0	Non-core
python-hardware	ASL 2.0	Non-core
python-heatclient	ASL 2.0	Core
python-horizon-tests-tempest	ASL 2.0	Non-core
python-httplib2	MIT	Non-core

Package Name	License	Designation
python-ImcSdk	ASL 2.0	Non-core
python-ironicclient	ASL 2.0	Core
python-ironic-inspector-client	ASL 2.0	Core
python-ironic-lib	ASL 2.0	Non-core
python-iso8601	MIT	Non-core
python-jmespath	MIT	Non-core
python-json-logger	BSD	Non-core
python-jsonpath-rw	ASL 2.0	Non-core
python-jsonpath-rw-ext	ASL 2.0	Non-core
python-jsonpointer	BSD	Non-core
python-jsonrpclib	ASL 2.0	Non-core
python-jsonschema	MIT	Non-core
python-junitxml	LGPLv3	Non-core
python-kafka	ASL 2.0	Non-core
python-kazoo	ASL 2.0 ; ASL 2.0	Non-core
python-keyczar	ASL 2.0	Non-core
python-keyring	MIT and Python	Non-core
python-keystoneauth1	ASL 2.0	Non-core
python-keystoneclient	ASL 2.0	Core
python-keystonemiddleware	ASL 2.0	Core
python2-keystone-tests-tempest	ASL 2.0	Non-core
python-kombu	BSD and Python	Non-core
python-ldap3	LGPLv2+	Non-core

Package Name	License	Designation
python-ldappool	MPLv1.1 and GPLv2+ and LGPLv2+	Non-core
python-lesscpy	MIT	Non-core
python-linecache2	Python	Non-core
python-lockfile	MIT	Non-core
python-logutils	BSD	Non-core
python-lxml	BSD	Non-core
python-lz4	BSD	Non-core
python-magnumclient	ASL 2.0	Non-core
python-manilaclient	ASL 2.0	Non-core
python-mccabe	MIT	Non-core
python-memcached	Python	Non-core
python-microversion-parse	ASL 2.0	Non-core
python-migrate	MIT	Non-core
python-mimeparse	MIT	Non-core
python-mistralclient	ASL 2.0	Non-core
python-mistral-lib	ASL 2.0	Non-core
python-mistral-lib-tests	ASL 2.0	Non-core
python-mock	BSD	Non-core
python-monotonic	ASL 2.0	Non-core
python-mox3	ASL 2.0	Non-core
python-msgpack	ASL 2.0	Non-core
python-ncclient	ASL 2.0	Non-core

Package Name	License	Designation
python-netaddr	BSD	Non-core
python-networking-bgpvpn-dashboard	ASL 2.0	Non-core
python-networking-bgpvpn-heat	ASL 2.0	Non-core
python-networking-bgpvpn	ASL 2.0	Non-core
openstack-neutron-bigswitch-lldp	ASL 2.0	Non-core
openstack-neutron-bigswitch-agent	ASL 2.0	Non-core
python-networking-bigswitch	ASL 2.0	Non-core
python-networking-cisco	ASL 2.0	Non-core
python-networking-fujitsu	ASL 2.0	Non-core
python-networking-l2gw	ASL 2.0	Non-core
python-networking-l2gw-tests-tempest	ASL 2.0	Non-core
python-networking-odl	ASL 2.0	Non-core
python-networking-ovn	ASL 2.0	Non-core
python-networking-vmware-nsx	ASL 2.0	Non-core
python-networkx	BSD	Non-core
python-networkx-Core	BSD	Non-core
python-neutronclient	ASL 2.0	Core
python-neutron-lib-tests	ASL 2.0	Non-core
python-neutron-lib	ASL 2.0	Non-core
python-novaclient	ASL 2.0	Core
python-novajoin	ASL 2.0	Non-core

Package Name	License	Designation
python-numexpr	MIT	Non-core
python-oauth2client	ASL 2.0	Non-core
python-oauthlib	BSD	Non-core
python-openstackclient-lang	ASL 2.0	Core
python-openstackclient	ASL 2.0	Core
python-openstacksdk	ASL 2.0	Non-core
python-openstacksdk-tests	ASL 2.0	Non-core
python-os-brick	ASL 2.0	Non-core
python-osc-lib	ASL 2.0	Non-core
python-os-client-config	ASL 2.0	Non-core
python-os-faults-libvirt	ASL 2.0	Non-core
python-os-faults	ASL 2.0	Non-core
python-oslo-cache-tests	ASL 2.0	Non-core
python-oslo-cache-lang	ASL 2.0	Non-core
python-oslo-cache	ASL 2.0	Non-core
python-oslo-concurrency-lang	ASL 2.0	Non-core
python-oslo-concurrency-tests	ASL 2.0	Non-core
python-oslo-concurrency	ASL 2.0	Non-core
python-oslo-config	ASL 2.0	Non-core
python-oslo-context	ASL 2.0	Non-core
python-oslo-context-tests	ASL 2.0	Non-core
python-oslo-db-lang	ASL 2.0	Non-core
python-oslo-db-tests	ASL 2.0	Non-core

Package Name	License	Designation
python-oslo-db	ASL 2.0	Non-core
python-oslo-i18n	ASL 2.0	Non-core
python-oslo-i18n-lang	ASL 2.0	Non-core
python-oslo-log	ASL 2.0	Non-core
python-oslo-log-lang	ASL 2.0	Non-core
python-oslo-log-tests	ASL 2.0	Non-core
python-oslo-messaging-tests	ASL 2.0	Non-core
python-oslo-messaging	ASL 2.0	Non-core
python-oslo-middleware	ASL 2.0	Non-core
python-oslo-middleware-tests	ASL 2.0	Non-core
python-oslo-middleware-lang	ASL 2.0	Non-core
python-oslo-policy	ASL 2.0	Non-core
python-oslo-policy-lang	ASL 2.0	Non-core
python-oslo-policy-tests	ASL 2.0	Non-core
python-oslo-privsep	ASL 2.0	Non-core
python-oslo-privsep-lang	ASL 2.0	Non-core
python-oslo-privsep-tests	ASL 2.0	Non-core
python-oslo-reports	ASL 2.0	Non-core
python-oslo-reports-tests	ASL 2.0	Non-core
python-oslo-rootwrap	ASL 2.0	Non-core
python-oslo-rootwrap-tests	ASL 2.0	Non-core
python-oslo-serialization	ASL 2.0	Non-core
python-oslo-serialization-tests	ASL 2.0	Non-core

Package Name	License	Designation
python-oslo-service-tests	ASL 2.0	Non-core
python-oslo-service	ASL 2.0	Non-core
python-oslo-sphinx	ASL 2.0	Non-core
python-oslotest	ASL 2.0	Non-core
python-oslo-utils-tests	ASL 2.0	Non-core
python-oslo-utils	ASL 2.0	Non-core
python-oslo-utils-lang	ASL 2.0	Non-core
python-oslo-versionedobjects-lang	ASL 2.0	Non-core
python-oslo-versionedobjects	ASL 2.0	Non-core
python-oslo-versionedobjects-tests	ASL 2.0	Non-core
python-oslo-vmware	ASL 2.0	Non-core
python-oslo-vmware-lang	ASL 2.0	Non-core
python-osprofiler	ASL 2.0	Non-core
python-os-testr	ASL 2.0	Non-core
python-os-traits	ASL 2.0	Non-core
python-os-traits-tests	ASL 2.0	Non-core
python-os-vif	ASL 2.0	Non-core
python-os-win	ASL 2.0	Non-core
python-os-xenapi	ASL 2.0	Non-core
python-ovsdbapp	ASL 2.0	Non-core
python-pandas	BSD	Non-core
python-pankoclient	ASL 2.0	Non-core

Package Name	License	Designation
python-paramiko	LGPLv2+	Non-core
python-passlib	BSD and Beerware and Copyright only	Non-core
python-paste-deploy	MIT	Non-core
python-pathlib	MIT	Non-core
python-paunch	ASL 2.0	Non-core
python2-pbr	ASL 2.0	Non-core
python-pecan	BSD	Non-core
python-pep8	MIT	Non-core
python-pika	BSD	Non-core
python-pika_pool	BSD	Non-core
python-pint	BSD	Non-core
python-positional	ASL 2.0	Non-core
python-posix_ipc	BSD	Non-core
python-proliantutils	ASL 2.0	Non-core
python-psutil	BSD	Non-core
python-ptyprocess	ISC	Non-core
python-py	MIT and Public Domain	Non-core
python-pycadf	ASL 2.0	Non-core
python-pycadf-common	ASL 2.0	Non-core
python-pyeclib	BSD	Non-core
python-pyghmi	ASL 2.0	Non-core
python-pymemcache	ASL 2.0	Non-core

Package Name	License	Designation
python-bson	ASL 2.0 and MIT	Non-core
python-pymongo	ASL 2.0 and MIT	Non-core
python-pymongo-gridfs	ASL 2.0 and MIT	Non-core
python-PyMySQL	MIT	Non-core
python-pyroute2	GPLv2+	Non-core
python-pysaml2	ASL 2.0	Non-core
python-pysocks	BSD	Non-core
python-pytimeparse	MIT	Non-core
python-rcssmin	ASL 2.0	Non-core
python-redis	MIT	Non-core
python-repoze-lru	BSD	Non-core
python-repoze-who	BSD	Non-core
python-requests	ASL 2.0	Non-core
python-requestsexceptions	ASL 2.0	Non-core
python-requests-kerberos	MIT	Non-core
python-requests-mock	ASL 2.0	Non-core
python-requests-oauthlib	ISC	Non-core
python-retrying	ASL 2.0	Non-core
python-rfc3986	ASL 2.0	Non-core
python-rjsmin	ASL 2.0	Non-core
python-routes	BSD	Non-core
python-ryu	Apache-2.0	Non-core
python-ryu-common	Apache-2.0	Non-core

Package Name	License	Designation
python-saharaclient	ASL 2.0	Core
python-scciclient	ASL 2.0	Non-core
python-scrypt	BSD	Non-core
python-scss	MIT	Non-core
python-semantic_version	BSD	Non-core
python-service-identity	MIT	Non-core
python-setproctitle	BSD	Non-core
python-simplegeneric	Python or ZPLv2.1 ; Python or ZPLv2.1	Non-core
python-simplejson	(MIT or AFL) and (MIT or GPLv2)	Non-core
python-singledispatch	MIT	Non-core
python-smmap	BSD	Non-core
python-snappy	BSD	Non-core
python-speaklater	BSD	Non-core
python-sqlalchemy	MIT	Non-core
python-sqlalchemy-utils	BSD	Non-core
python-sqlparse	BSD	Non-core
python2-statsd	MIT	Non-core
python-statsd-doc	MIT	Non-core
python-stevedore	ASL 2.0	Non-core
python-suds	LGPLv3+	Non-core
python-sushy	ASL 2.0	Non-core
python-swiftclient	ASL 2.0	Non-core

Package Name	License	Designation
python2-sysv_ipc	GPLv3+	Non-core
python-tables	BSD	Non-core
python-taskflow	ASL 2.0	Non-core
python-tempestconf	ASL 2.0	Non-core
python-tempest-lib	ASL 2.0	Core
python-tenacity	ASL 2.0	Non-core
python-testrepository	ASL 2.0	Non-core
python-testresources	ASL 2.0 and BSD and GPLv2+	Non-core
python-testscenarios	ASL 2.0 and BSD	Non-core
python-testtools	MIT	Non-core
python-tinyrpc	MIT	Non-core
python-tinyrpc-doc	MIT	Non-core
python-tooaz	ASL 2.0 ; ASL 2.0	Non-core
python-traceback2	Python	Non-core
python-tripleoclient	ASL 2.0	Core
python-trollius	ASL 2.0	Non-core
python-troveclient	ASL 2.0	Non-core
python-twisted	MIT	Non-core
python-txaio	MIT	Non-core
python-UcsSdk	ASL 2.0	Non-core
python-ujson	BSD	Non-core
python-unicodcsv	BSD	Non-core
python-unittest2	BSD	Non-core

Package Name	License	Designation
python-uri-templates	ASL 2.0	Non-core
python-urllib3	MIT	Non-core
python-versiontools	LGPLv3	Non-core
python-vine	BSD	Non-core
python-virtualbmc	ASL 2.0	Non-core
python-vmware-nsxlib	ASL 2.0	Non-core
python-voluptuous	BSD	Non-core
python-waitress	ZPLv2.1	Non-core
python-warlock	ASL 2.0	Non-core
python-weakrefmethod	Python	Non-core
python-webob	MIT	Non-core
python-websockify	LGPLv3	Non-core
python-webtest	MIT	Non-core
python-wrapt	BSD	Non-core
python-wsaccel	ASL 2.0	Non-core
python-wsgi_intercept	MIT	Non-core
python-wsme	MIT	Non-core
python-XStatic	MIT	Non-core
python-XStatic-Angular	MIT	Non-core
XStatic-Angular-common	MIT	Non-core
xstatic-angular-bootstrap-common	MIT	Non-core
python-XStatic-Angular-Bootstrap	MIT	Non-core

Package Name	License	Designation
python-XStatic-Angular-FileUpload	MIT	Non-core
xstatic-angular-fileupload-common	MIT	Non-core
xstatic-angular-gettext-common	MIT	Non-core
python-XStatic-Angular-Gettext	MIT	Non-core
python-XStatic-Angular-lrdragndrop	MIT	Non-core
xstatic-angular-schema-form-common	MIT	Non-core
python-XStatic-Angular-Schema-Form	MIT	Non-core
python-XStatic-Bootstrap-Datepicker	ASL 2.0	Non-core
xstatic-bootstrap-scss-common	MIT	Non-core
python-XStatic-Bootstrap-SCSS	MIT	Non-core
bootswatch-common	MIT	Non-core
python-XStatic-bootswatch	MIT	Non-core
bootswatch-fonts	MIT	Non-core
xstatic-d3-common	BSD	Non-core
python-XStatic-D3	BSD	Non-core
python-XStatic-Font-Awesome	OFL and MIT	Non-core
python-XStatic-Hogan	ASL 2.0	Non-core
python-XStatic-Jasmine	MIT	Non-core
xstatic-jasmine-common	MIT	Non-core
python-XStatic-jQuery	MIT	Non-core

Package Name	License	Designation
python-XStatic-JQuery-Migrate	MIT	Non-core
python-XStatic-JQuery-quicksearch	MIT	Non-core
python-XStatic-JQuery-TableSorter	MIT	Non-core
python-XStatic-jquery-ui	CCO	Non-core
xstatic-jsencrypt-common	MIT	Non-core
python-XStatic-JSEncrypt	MIT	Non-core
python-XStatic-Magic-Search	ASL 2.0	Non-core
mdi-common	OFL	Non-core
mdi-fonts	OFL	Non-core
python-XStatic-mdi	OFL	Non-core
xstatic-objectpath-common	MIT	Non-core
python-XStatic-objectpath	MIT	Non-core
python-XStatic-Rickshaw	MIT	Non-core
roboto-fontface-common	ASL 2.0	Non-core
roboto-fontface-fonts	ASL 2.0	Non-core
python-XStatic-roboto-fontface	ASL 2.0	Non-core
python-XStatic-smart-table	MIT	Non-core
xstatic-smart-table-common	MIT	Non-core
python-XStatic-Spin	MIT	Non-core
xstatic-termjs-common	MIT	Non-core
python-XStatic-termjs	MIT	Non-core
xstatic-tv4-common	Public Domain	Non-core

Package Name	License	Designation
python-XStatic-tv4	Public Domain	Non-core
python-yaql	ASL 2.0	Non-core
python-zake	ASL 2.0	Non-core
python-zaqarclient	ASL 2.0	Non-core
python-zope-interface	ZPLv2.1	Non-core
qemu-kvm-rhev	GPLv2+ and LGPLv2+ and BSD	Non-core
qemu-kvm-common-rhev	GPLv2+ and LGPLv2+ and BSD	Non-core
qemu-kvm-tools-rhev	GPLv2+ and LGPLv2+ and BSD	Non-core
qemu-img-rhev	GPLv2+ and LGPLv2+ and BSD	Non-core
rabbitmq-server	MPLv1.1	Non-core
redis	BSD	Non-core
rhosp-release	GPLv2	Non-core
ruby-augeas	LGPLv2+	Non-core
rubygem-rgen	MIT	Non-core
ruby-shadow	Public Domain	Non-core
sahara-image-elements	ASL 2.0	Core
python2-scipy	BSD and Boost and Public Domain ; BSD and LGPLv2+	Non-core
sshpas	GPLv2	Non-core
subunit-filters	ASL 2.0 or BSD	Non-core
python2-subunit	ASL 2.0 or BSD	Non-core
subunit	ASL 2.0 or BSD	Non-core
sysbench	GPLv2+	Non-core

Package Name	License	Designation
web-assets-filesystem	MIT ; Public Domain ; MIT ; MIT	Non-core
web-assets-httpd	MIT ; Public Domain ; MIT ; MIT	Non-core
yaml-cpp	MIT ; MIT	Non-core

CHAPTER 3. RED HAT OPENSTACK PLATFORM 12

This section outlines the packages shipped in each repository released with the general availability of Red Hat OpenStack Platform 12.0.0.

3.1. RED HAT OPENSTACK PLATFORM 12 TOOLS FOR RHEL 7 DESKTOP

The following table outlines the packages included in the `rhe1-7-desktop-openstack-12-tools-rpms` repository.

Table 3.1. Red Hat OpenStack Platform 12 Tools for RHEL 7 Desktop Packages

Name	Version	Advisory
PyYAML	3.10-11.el7	RHEA-2017:3462
babel	2.3.4-1.el7ost	RHEA-2017:3462
openshift-heat-templates	0.9.9-5.el7ost	RHEA-2017:3462
pyOpenSSL-doc	16.2.0-3.el7ost	RHEA-2017:3462
pyparsing	2.0.7-1.el7ost	RHEA-2017:3462
python-anyjson	0.3.3-7.1.el7ost	RHEA-2017:3462
python-aodhclient	0.9.0-1.el7ost	RHEA-2017:3462
python-appdirs	1.4.0-4.el7ost	RHEA-2017:3462
python-babel	2.3.4-1.el7ost	RHEA-2017:3462
python-barbicanclient	4.5.2-1.el7ost	RHEA-2017:3462
python-ceilometerclient	2.9.0-1.el7ost	RHEA-2017:3462
python-cinderclient	3.1.0-1.el7ost	RHEA-2017:3462
python-cliff	2.8.0-1.el7ost	RHEA-2017:3462
python-cmd2	0.6.8-8.el7ost	RHEA-2017:3462
python-contextlib2	0.4.0-2.el7ost	RHEA-2017:3462
python-debtcollector	1.17.1-1.el7ost	RHEA-2017:3462
python-deprecation	1.0-3.el7	RHEA-2017:3462

Name	Version	Advisory
python-designateclient	2.7.0-1.el7ost	RHEA-2017:3462
python-dogpile-cache	0.6.2-1.el7ost	RHEA-2017:3462
python-dogpile-core	0.4.1-6.1.el7ost	RHEA-2017:3462
python-extras	0.0.3-8.el7ost	RHEA-2017:3462
python-fixtures	3.0.0-2.el7ost	RHEA-2017:3462
python-funcsigs	1.0.2-1.el7ost	RHEA-2017:3462
python-futures	3.0.3-1.el7ost	RHEA-2017:3462
python-futurist	1.3.0-1.el7ost	RHEA-2017:3462
python-glanceclient	2.8.0-1.el7ost	RHEA-2017:3462
python-gnocchiclient	3.3.1-1.el7ost	RHEA-2017:3462
python-heatclient	1.11.0-1.el7ost	RHEA-2017:3462
python-httplib2	0.9.2-1.el7ost	RHEA-2017:3462
python-ironicclient	1.17.0-1.el7ost	RHEA-2017:3462
python-iso8601	0.1.11-1.el7ost	RHEA-2017:3462
python-jsonpatch	1.2.4.el7	RHEA-2017:3462
python-jsonschema	2.4.0-3.el7ost	RHEA-2017:3462
python-keyring	5.7.1-1.el7ost	RHEA-2017:3462
python-keystoneauth1	3.1.0-1.el7ost	RHEA-2017:3462
python-keystoneclient	3.13.0-1.el7ost	RHEA-2017:3462
python-linecache2	1.0.0-1.el7ost	RHEA-2017:3462
python-manilaclient	1.17.2-1.el7ost	RHEA-2017:3462
python-mimeparse	0.1.4-6.el7ost	RHEA-2017:3462
python-monotonic	0.6-1.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-msgpack	0.4.6-5.el7ost	RHEA-2017:3462
python-netaddr	0.7.18-1.el7ost	RHEA-2017:3462
python-neutronclient	6.5.0-1.el7ost	RHEA-2017:3462
python-novaclient	9.1.1-1.el7ost	RHEA-2017:3462
python-openstackclient	3.12.0-1.el7ost	RHEA-2017:3462
python-openstackclient-lang	3.12.0-1.el7ost	RHEA-2017:3462
python-openstacksdk	0.9.17-1.el7ost	RHEA-2017:3462
python-os-client-config	1.28.0-1.el7ost	RHEA-2017:3462
python-osc-lib	1.7.0-1.el7ost	RHEA-2017:3462
python-oslo-config	4.11.1-1.el7ost	RHEA-2017:3462
python-oslo-context	2.17.0-1.el7ost	RHEA-2017:3462
python-oslo-i18n	3.17.0-1.el7ost	RHEA-2017:3462
python-oslo-i18n-lang	3.17.0-1.el7ost	RHEA-2017:3462
python-oslo-log	3.30.0-1.el7ost	RHEA-2017:3462
python-oslo-log-lang	3.30.0-1.el7ost	RHEA-2017:3462
python-oslo-serialization	2.20.0-1.el7ost	RHEA-2017:3462
python-oslo-utils	3.28.0-1.el7ost	RHEA-2017:3462
python-oslo-utils-lang	3.28.0-1.el7ost	RHEA-2017:3462
python-pankoclient	0.3.0-1.el7ost	RHEA-2017:3462
python-positional	1.1.1-2.el7ost	RHEA-2017:3462
python-prettytable	0.7.2-3.el7	RHEA-2017:3462
python-pyOpenSSL	16.2.0-3.el7ost	RHEA-2017:3462
python-pysocks	1.5.6-3.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-requests	2.11.1-1.el7ost	RHEA-2017:3462
python-requests-kerberos	0.8.0-3.el7ost	RHEA-2017:3462
python-requestsexceptions	1.3.0-1.el7ost	RHEA-2017:3462
python-rfc3986	0.3.1-1.el7ost	RHEA-2017:3462
python-saharaclient	1.3.0-1.el7ost	RHEA-2017:3462
python-simplejson	3.5.3-6.el7ost	RHEA-2017:3462
python-stevedore	1.25.0-1.el7ost	RHEA-2017:3462
python-swiftclient	3.4.0-1.el7ost	RHEA-2017:3462
python-testtools	1.8.0-2.el7ost	RHEA-2017:3462
python-traceback2	1.4.0-2.el7ost	RHEA-2017:3462
python-ujson	1.35-1.el7ost	RHEA-2017:3462
python-unicodcsv	0.14.1-2.el7ost	RHEA-2017:3462
python-unittest2	1.0.1-1.el7ost	RHEA-2017:3462
python-urllib3	1.16-2.el7ost	RHEA-2017:3462
python-warlock	1.0.1-1.el7ost	RHEA-2017:3462
python-webob	1.7.2-1.el7ost	RHEA-2017:3462
python-wrapt	1.10.8-3.el7ost	RHEA-2017:3462
python-zaqarclient	1.7.0-1.el7ost	RHEA-2017:3462
python2-crypto	2.6.1-16.el7ost	RHEA-2017:3462
python2-pbr	3.1.1-1.el7ost	RHEA-2017:3462

3.2. RED HAT OPENSTACK PLATFORM 12 DEVELOPER TOOLS FOR RHEL 7 SERVER

The following table outlines the packages included in the **rhe1-7-server-openstack-12-devtools-rpms** repository.

Table 3.2. Red Hat OpenStack Platform 12 Developer Tools for RHEL 7 Server Packages

Name	Version	Advisory
openstack-packstack	11.0.0-2.el7ost	RHEA-2017:3462
openstack-packstack-puppet	11.0.0-2.el7ost	RHEA-2017:3462
openstack-utils	2017.1-1.el7ost	RHEA-2017:3462

3.3. RED HAT OPENSTACK PLATFORM 12 FOR RHEL 7 ON IBM POWER

The following table outlines the packages included in the `rhel-7-server-openstack-12-for-power-le-rpms` repository.

Table 3.3. Red Hat OpenStack Platform 12 for RHEL 7 on IBM Power Packages

Name	Version	Advisory
blosc	1.11.1-3.el7ost	RHEA-2017:3462
dibbler-client	1.0.1-0.RC1.3.el7ost	RHEA-2017:3462
dibbler-relay	1.0.1-0.RC1.3.el7ost	RHEA-2017:3462
dibbler-requestor	1.0.1-0.RC1.3.el7ost	RHEA-2017:3462
dibbler-server	1.0.1-0.RC1.3.el7ost	RHEA-2017:3462
dnsmasq-utils	2.76-2.el7_4.2	RHEA-2017:3462
erlang	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-asn1	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-compiler	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-cosEvent	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-cosEventDomain	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-cosFileTransfer	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-cosNotification	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-cosProperty	18.3.4.5-4.el7ost	RHEA-2017:3462

Name	Version	Advisory
erlang-cosTime	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-cosTransactions	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-crypto	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-diameter	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-edoc	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-eldap	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-erl_docgen	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-erl_interface	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-erts	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-eunit	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-hipe	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-ic	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-inets	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-kernel	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-mnesia	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-odbc	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-orber	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-os_mon	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-ose	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-otp_mibs	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-parsetools	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-percept	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-public_key	18.3.4.5-4.el7ost	RHEA-2017:3462

Name	Version	Advisory
erlang-runtime_tools	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-sasl	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-sd_notify	1.0-2.el7ost	RHEA-2017:3462
erlang-snmp	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-ssh	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-ssl	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-stdlib	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-syntax_tools	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-tools	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-xmerl	18.3.4.5-4.el7ost	RHEA-2017:3462
facter	2.4.4-4.el7	RHEA-2017:3462
fio	2.2.10-2.el7ost	RHEA-2017:3462
galera	25.3.16-3.el7ost	RHEA-2017:3462
hdf5	1.8.17-3.el7ost	RHEA-2017:3462
jq	1.3-4.el7ost	RHEA-2017:3462
leveldb	1.18-4.el7ost	RHEA-2017:3462
leveldbjni-all	1.8-15.5.el7ost	RHEA-2017:3462
liberasurecode	1.5.0-1.el7ost	RHEA-2017:3462
libguestfs	1.36.3-6.el7_4.3	RHEA-2017:3462
libstemmer	0-3.585svn.el7ost	RHEA-2017:3462
libxslt-python	1.1.28-5.el7	RHEA-2017:3462
lz4	r131-3.el7ost	RHEA-2017:3462
mariadb-galera-common	5.5.42-7.el7ost	RHEA-2017:3462

Name	Version	Advisory
mariadb-galera-server	5.5.42-7.el7ost	RHEA-2017:3462
memcached	1.4.39-2.el7ost	RHEA-2017:3462
openvswitch	2.7.2-4.git20170719.el7fdp	RHEA-2017:3462
openvswitch-ovn-central	2.7.2-4.git20170719.el7fdp	RHEA-2017:3462
openvswitch-ovn-common	2.7.2-4.git20170719.el7fdp	RHEA-2017:3462
openvswitch-ovn-docker	2.7.2-4.git20170719.el7fdp	RHEA-2017:3462
openvswitch-ovn-host	2.7.2-4.git20170719.el7fdp	RHEA-2017:3462
openvswitch-ovn-vtep	2.7.2-4.git20170719.el7fdp	RHEA-2017:3462
plotnetcfg	0.4.1-3.el7ost	RHEA-2017:3462
pysendfile	2.0.0-10.el7ost	RHEA-2017:3462
python-Bottleneck	0.6.0-5.el7ost	RHEA-2017:3462
python-Cython	0.25.2-4.el7ost	RHEA-2017:3462
python-bcrypt	3.1.2-3.el7ost	RHEA-2017:3462
python-bson	3.0.3-2.el7ost	RHEA-2017:3462
python-cradox	1.3.2-2.el7ost	RHEA-2017:3462
python-falcon	1.0.0-4.el7ost	RHEA-2017:3462
python-gitdb	0.6.4-4.el7ost	RHEA-2017:3462
python-libguestfs	1.36.3-6.el7_4.3	RHEA-2017:3462
python-lxml	3.2.1-6.el7ost	RHEA-2017:3462
python-lz4	0.9.0-2.el7ost	RHEA-2017:3462
python-msgpack	0.4.6-5.el7ost	RHEA-2017:3462
python-numexpr	2.6.1-3.el7ost.1	RHEA-2017:3462
python-octavia-tests-golang	1.0.1-2.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-pandas	0.19.1-3.el7ost.1	RHEA-2017:3462
python-posix_ipc	0.9.8-6.el7ost	RHEA-2017:3462
python-psutil	5.2.2-2.el7ost	RHEA-2017:3462
python-pyeclib	1.5.0-1.el7ost	RHEA-2017:3462
python-pymongo	3.0.3-2.el7ost	RHEA-2017:3462
python-pymongo-gridfs	3.0.3-2.el7ost	RHEA-2017:3462
python-rcssmin	1.0.6-3.el7ost	RHEA-2017:3462
python-rjsmin	1.0.12-3.el7ost	RHEA-2017:3462
python-scrypt	0.8.0-2.el7ost	RHEA-2017:3462
python-scss	1.3.4-7.el7ost	RHEA-2017:3462
python-setproctitle	1.1.9-5.el7ost	RHEA-2017:3462
python-simplejson	3.5.3-6.el7ost	RHEA-2017:3462
python-snappy	0.5-9.el7ost	RHEA-2017:3462
python-sqlalchemy	1.1.11-1.el7ost	RHEA-2017:3462
python-tables	3.3.0-4.el7ost	RHEA-2017:3462
python-twisted	16.1.1-5.el7ost	RHEA-2017:3462
python-ujson	1.35-1.el7ost	RHEA-2017:3462
python-wrapt	1.10.8-3.el7ost	RHEA-2017:3462
python-wsaccel	0.6.2-9.el7ost	RHEA-2017:3462
python-zope-interface	4.0.5-4.el7	RHEA-2017:3462
python2-crypto	2.6.1-16.el7ost	RHEA-2017:3462
python2-numpy	1.11.2-3.el7ost	RHEA-2017:3462
python2-numpy-f2py	1.11.2-3.el7ost	RHEA-2017:3462

Name	Version	Advisory
python2-scipy	0.18.0-5.el7ost	RHEA-2017:3462
python2-sysv_ipc	0.7.0-4.el7ost	RHEA-2017:3462
qemu-img-rhev	2.9.0-16.el7_4.11	RHEA-2017:3462
qemu-kvm-common-rhev	2.9.0-16.el7_4.11	RHEA-2017:3462
qemu-kvm-rhev	2.9.0-16.el7_4.11	RHEA-2017:3462
qemu-kvm-tools-rhev	2.9.0-16.el7_4.11	RHEA-2017:3462
redis	3.2.8-2.el7ost	RHEA-2017:3462
ruby-augeas	0.5.0-1.el7	RHEA-2017:3462
ruby-shadow	1.4.1-23.el7ost	RHEA-2017:3462
sshpas	1.06-2.el7	RHEA-2017:3462
subunit	1.2.0-15.el7ost	RHEA-2017:3462
sysbench	0.4.12-13.el7ost	RHEA-2017:3462
yaml-cpp	0.5.1-8.el7ost	RHEA-2017:3462

3.4. RED HAT OPENSTACK PLATFORM 12 OPERATIONAL TOOLS FOR RHEL 7 SERVER

The following table outlines the packages included in the **rhel-7-server-openstack-12-optools-rpms** repository.

Table 3.4. Red Hat OpenStack Platform 12 Operational Tools for RHEL 7 Server Packages

Name	Version	Advisory
collectd	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-apache	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-ascent	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-bind	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-ceph	5.7.2-1.1.el7ost	RHEA-2017:3460

Name	Version	Advisory
collectd-curl	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-curl_json	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-curl_xml	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-dbi	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-disk	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-dns	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-drbd	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-email	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-generic-jmx	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-hugepages	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-ipmi	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-iptables	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-ipvs	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-java	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-log_logstash	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-lvm	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-mysql	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-netlink	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-nginx	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-notify_desktop	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-notify_email	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-openldap	5.7.2-1.1.el7ost	RHEA-2017:3460

Name	Version	Advisory
collectd-ping	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-postgresql	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-rrdcached	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-rrdtool	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-sensors	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-smart	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-snmp	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-turbostat	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-utils	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-virt	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-web	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-write_http	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-write_sensu	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-write_tsdb	5.7.2-1.1.el7ost	RHEA-2017:3460
collectd-zookeeper	5.7.2-1.1.el7ost	RHEA-2017:3460
fluentd	0.12.31-3.el7	RHEA-2017:3460
libcollectdclient	5.7.2-1.1.el7ost	RHEA-2017:3460
liboping	1.6.2-2.el7	RHEA-2017:3460
librabbitmq	0.5.2-2.el7ost	RHEA-2017:3460
librabbitmq-tools	0.5.2-2.el7ost	RHEA-2017:3460
libuv	1.7.5-3.el7	RHEA-2017:3460
osops-tools-monitoring-oschecks	0.1-0.11.62160d1git.el7ost	RHEA-2017:3460
perl-Collectd	5.7.2-1.1.el7ost	RHEA-2017:3460

Name	Version	Advisory
perl-Config-General	2.56-4.el7ost	RHEA-2017:3460
perl-Regexp-Common	2013031301-7.el7ost	RHEA-2017:3460
python-click	6.3-1.el7ost	RHEA-2017:3460
python2-collectd-ceilometer-plugin	1.0.1-2.el7	RHEA-2017:3460
rubygem-amq-protocol	2.0.1-1.el7ost	RHEA-2017:3460
rubygem-amqp	1.6.0-1.el7ost	RHEA-2017:3460
rubygem-async_sinatra	1.2.0-1.el7ost	RHEA-2017:3460
rubygem-bacon	1.1.0-19.el7sat	RHEA-2017:3460
rubygem-childprocess	0.5.8-1.el7ost	RHEA-2017:3460
rubygem-configuration	1.3.2-3.el7ost	RHEA-2017:3460
rubygem-cool.io	1.4.5-2.el7	RHEA-2017:3460
rubygem-daemons	1.1.9-3.el7ost	RHEA-2017:3460
rubygem-diff-lcs	1.1.3-2.2.el7ost	RHEA-2017:3460
rubygem-em-http-server	0.1.8-2.el7ost	RHEA-2017:3460
rubygem-em-redis-unified	1.0.1-1.el7ost	RHEA-2017:3460
rubygem-em-worker	0.0.2-2.el7ost	RHEA-2017:3460
rubygem-eventmachine	1.2.1-1.el7ost	RHEA-2017:3460
rubygem-faraday	0.11.0-1.el7	RHEA-2017:3460
rubygem-ffi	1.9.17-1.el7	RHEA-2017:3460
rubygem-fluent-plugin-add	0.0.6-1.el7	RHEA-2017:3460
rubygem-fluent-plugin-secure-forward	0.4.3-2.el7	RHEA-2017:3460
rubygem-http_parser.rb	0.6.0-3.el7	RHEA-2017:3460

Name	Version	Advisory
rubygem-json_pure	1.6.3-9.el7ost	RHEA-2017:3460
rubygem-msgpack	0.5.12-2.el7	RHEA-2017:3460
rubygem-multi_json	1.12.1-1.el7	RHEA-2017:3460
rubygem-multipart-post	2.0.0-2.el7	RHEA-2017:3460
rubygem-oj	2.14.6-3.el7	RHEA-2017:3460
rubygem-patron	0.4.20-3.el7ost	RHEA-2017:3460
rubygem-proxifier	1.0.3-2.el7	RHEA-2017:3460
rubygem-rack	1.5.2-4.el7ost	RHEA-2017:3460
rubygem-rack-protection	1.5.3-2.el7ost	RHEA-2017:3460
rubygem-resolve-hostname	0.0.4-1.el7	RHEA-2017:3460
rubygem-sensu-em	2.4.0-1.el7ost	RHEA-2017:3460
rubygem-sensu-extension	1.5.1-1.el7ost	RHEA-2017:3460
rubygem-sensu-extensions	1.7.1-1.el7ost	RHEA-2017:3460
rubygem-sensu-extensions-debug	1.0.0-1.el7ost	RHEA-2017:3460
rubygem-sensu-extensions-json	1.0.0-2.el7ost	RHEA-2017:3460
rubygem-sensu-extensions-occurrences	1.1.0-2.el7ost	RHEA-2017:3460
rubygem-sensu-extensions-only-check-output	1.0.0-1.el7ost	RHEA-2017:3460
rubygem-sensu-extensions-ruby-hash	1.0.0-1.el7ost	RHEA-2017:3460
rubygem-sensu-json	2.0.1-1.el7ost	RHEA-2017:3460
rubygem-sensu-logger	1.2.1-1.el7ost	RHEA-2017:3460
rubygem-sensu-plugin	1.2.0-1.el7ost	RHEA-2017:3460

Name	Version	Advisory
rubygem-sensu-redis	2.1.0-2.el7ost	RHEA-2017:3460
rubygem-sensu-settings	9.6.0-1.el7ost	RHEA-2017:3460
rubygem-sensu-spawn	2.2.1-1.el7ost	RHEA-2017:3460
rubygem-sensu-transport	7.0.2-1.el7ost	RHEA-2017:3460
rubygem-sigdump	0.2.4-1.el7	RHEA-2017:3460
rubygem-sinatra	1.4.6-1.el7ost	RHEA-2017:3460
rubygem-string-scrub	0.0.5-3.el7	RHEA-2017:3460
rubygem-thin	1.6.3-1.el7ost	RHEA-2017:3460
rubygem-thread_safe	0.3.5-1.el7	RHEA-2017:3460
rubygem-tilt	1.4.1-3.el7ost	RHEA-2017:3460
rubygem-tzinfo	1.2.2-3.el7	RHEA-2017:3460
rubygem-tzinfo-data	1.2016.10-1.el7	RHEA-2017:3460
rubygem-uuidtools	2.1.5-2.el7ost	RHEA-2017:3460
rubygem-yajl-ruby	1.3.0-2.el7	RHEA-2017:3460
sensu	0.27.0-3.el7ost	RHEA-2017:3460
sensu-common	0.27.0-3.el7ost	RHEA-2017:3460

3.5. RED HAT OPENSTACK PLATFORM 12 FOR RHEL 7 SERVER

The following table outlines the packages included in the `rhe1-7-server-openstack-12-rpms` repository.

Table 3.5. Red Hat OpenStack Platform 12 for RHEL 7 Server Packages

Name	Version	Advisory
GitPython	1.0.1-5.el7ost	RHEA-2017:3462
XStatic-Angular-common	1.5.8.0-1.el7ost	RHEA-2017:3462

Name	Version	Advisory
ansible	2.4.1.0-1.el7ae	RHEA-2017:3462
ansible-pacemaker	1.0.3-2.el7ost	RHEA-2017:3462
babel	2.3.4-1.el7ost	RHEA-2017:3462
blosc	1.11.1-3.el7ost	RHEA-2017:3462
bootswatch-common	3.3.7.0-1.el7ost	RHEA-2017:3462
bootswatch-fonts	3.3.7.0-1.el7ost	RHEA-2017:3462
ceph-ansible	3.0.14-1.el7cp	RHEA-2017:3462
crudini	0.9-2.el7ost	RHEA-2017:3462
dib-utils	0.0.11-1.el7ost	RHEA-2017:3462
dibbler-client	1.0.1-0.RC1.3.el7ost	RHEA-2017:3462
dibbler-relay	1.0.1-0.RC1.3.el7ost	RHEA-2017:3462
dibbler-requestor	1.0.1-0.RC1.3.el7ost	RHEA-2017:3462
dibbler-server	1.0.1-0.RC1.3.el7ost	RHEA-2017:3462
diskimage-builder	2.9.0-2.8f02569.el7ost	RHEA-2017:3462
dnsmasq-utils	2.76-2.el7_4.2	RHEA-2017:3462
erlang	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-asn1	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-compiler	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-cosEvent	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-cosEventDomain	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-cosFileTransfer	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-cosNotification	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-cosProperty	18.3.4.5-4.el7ost	RHEA-2017:3462

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erlang-cosTime	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-cosTransactions	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-crypto	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-diameter	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-edoc	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-eldap	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-erl_docgen	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-erl_interface	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-erts	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-eunit	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-hipe	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-ic	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-inets	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-kernel	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-mnesia	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-odbc	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-orber	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-os_mon	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-ose	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-otp_mibs	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-parsetools	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-percept	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-public_key	18.3.4.5-4.el7ost	RHEA-2017:3462

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erlang-runtime_tools	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-sasl	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-sd_notify	1.0-2.el7ost	RHEA-2017:3462
erlang-snmp	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-ssh	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-ssl	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-stdlib	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-syntax_tools	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-tools	18.3.4.5-4.el7ost	RHEA-2017:3462
erlang-xmerl	18.3.4.5-4.el7ost	RHEA-2017:3462
facter	2.4.4-4.el7	RHEA-2017:3462
fio	2.2.10-2.el7ost	RHEA-2017:3462
fontawesome-fonts	4.4.0-1.el7ost	RHEA-2017:3462
fontawesome-fonts-web	4.4.0-1.el7ost	RHEA-2017:3462
galera	25.3.16-3.el7ost	RHEA-2017:3462
hdf5	1.8.17-3.el7ost	RHEA-2017:3462
heat-cfntools	1.3.0-2.el7ost	RHEA-2017:3462
hiera	1.3.4-1.el7	RHEA-2017:3462
instack	7.0.1-1.el7ost	RHEA-2017:3462
instack-undercloud	7.4.3-5.el7ost	RHEA-2017:3462
jq	1.3-4.el7ost	RHEA-2017:3462
leveldb	1.18-4.el7ost	RHEA-2017:3462
leveldbjni-all	1.8-15.5.el7ost	RHEA-2017:3462

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liberasurecode	1.5.0-1.el7ost	RHEA-2017:3462
libstemmer	0-3.585svn.el7ost	RHEA-2017:3462
libxslt-python	1.1.28-5.el7	RHEA-2017:3462
lz4	r131-3.el7ost	RHEA-2017:3462
mariadb-galera-common	5.5.42-7.el7ost	RHEA-2017:3462
mariadb-galera-server	5.5.42-7.el7ost	RHEA-2017:3462
mdi-common	1.4.57.0-4.el7ost	RHEA-2017:3462
mdi-fonts	1.4.57.0-4.el7ost	RHEA-2017:3462
memcached	1.4.39-2.el7ost	RHEA-2017:3462
novnc	0.6.1-1.el7ost	RHEA-2017:3462
opendaylight	6.2.0-4.el7ost	RHEA-2017:3462
openshift-heat-templates	0.9.9-5.el7ost	RHEA-2017:3462
openstack-aodh-api	5.0.0-3.el7ost	RHEA-2017:3462
openstack-aodh-common	5.0.0-3.el7ost	RHEA-2017:3462
openstack-aodh-compatible	5.0.0-3.el7ost	RHEA-2017:3462
openstack-aodh-evaluator	5.0.0-3.el7ost	RHEA-2017:3462
openstack-aodh-expirer	5.0.0-3.el7ost	RHEA-2017:3462
openstack-aodh-listener	5.0.0-3.el7ost	RHEA-2017:3462
openstack-aodh-notifier	5.0.0-3.el7ost	RHEA-2017:3462
openstack-ceilometer-api	9.0.1-4.el7ost	RHEA-2017:3462
openstack-ceilometer-central	9.0.1-4.el7ost	RHEA-2017:3462
openstack-ceilometer-collector	9.0.1-4.el7ost	RHEA-2017:3462
openstack-ceilometer-common	9.0.1-4.el7ost	RHEA-2017:3462

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openstack-ceilometer-compute	9.0.1-4.el7ost	RHEA-2017:3462
openstack-ceilometer-ipmi	9.0.1-4.el7ost	RHEA-2017:3462
openstack-ceilometer-notification	9.0.1-4.el7ost	RHEA-2017:3462
openstack-ceilometer-polling	9.0.1-4.el7ost	RHEA-2017:3462
openstack-cinder	11.0.1-1.el7ost	RHEA-2017:3462
openstack-dashboard	12.0.0-4.el7ost	RHEA-2017:3462
openstack-dashboard-theme	12.0.0-3.el7ost	RHEA-2017:3462
openstack-designate-agent	5.0.1-1.el7ost	RHEA-2017:3462
openstack-designate-api	5.0.1-1.el7ost	RHEA-2017:3462
openstack-designate-central	5.0.1-1.el7ost	RHEA-2017:3462
openstack-designate-common	5.0.1-1.el7ost	RHEA-2017:3462
openstack-designate-mdns	5.0.1-1.el7ost	RHEA-2017:3462
openstack-designate-pool-manager	5.0.1-1.el7ost	RHEA-2017:3462
openstack-designate-producer	5.0.1-1.el7ost	RHEA-2017:3462
openstack-designate-sink	5.0.1-1.el7ost	RHEA-2017:3462
openstack-designate-worker	5.0.1-1.el7ost	RHEA-2017:3462
openstack-designate-zone-manager	5.0.1-1.el7ost	RHEA-2017:3462
openstack-ec2-api	5.0.0-2.el7ost	RHEA-2017:3462
openstack-glance	15.0.0-3.el7ost	RHEA-2017:3462
openstack-gnocchi-api	4.0.3-2.el7ost	RHEA-2017:3462
openstack-gnocchi-common	4.0.3-2.el7ost	RHEA-2017:3462

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openstack-gnocchi-indexer-sqlalchemy	4.0.3-2.el7ost	RHEA-2017:3462
openstack-gnocchi-metricd	4.0.3-2.el7ost	RHEA-2017:3462
openstack-gnocchi-statsd	4.0.3-2.el7ost	RHEA-2017:3462
openstack-heat-agents	1.4.0-1.el7ost	RHEA-2017:3462
openstack-heat-api	9.0.1-3.el7ost	RHEA-2017:3462
openstack-heat-api-cfn	9.0.1-3.el7ost	RHEA-2017:3462
openstack-heat-api-cloudwatch	9.0.1-3.el7ost	RHEA-2017:3462
openstack-heat-common	9.0.1-3.el7ost	RHEA-2017:3462
openstack-heat-engine	9.0.1-3.el7ost	RHEA-2017:3462
openstack-heat-monolith	9.0.1-3.el7ost	RHEA-2017:3462
openstack-ironic-api	9.1.2-3.el7ost	RHEA-2017:3462
openstack-ironic-common	9.1.2-3.el7ost	RHEA-2017:3462
openstack-ironic-conductor	9.1.2-3.el7ost	RHEA-2017:3462
openstack-ironic-inspector	6.0.0-3.el7ost	RHEA-2017:3462
openstack-ironic-python-agent	2.2.2-3.el7ost	RHEA-2017:3462
openstack-ironic-ui	3.0.1-2.el7ost	RHEA-2017:3462
openstack-keystone	12.0.0-3.el7ost	RHEA-2017:3462
openstack-manila	5.0.1-3.el7ost	RHEA-2017:3462
openstack-manila-share	5.0.1-3.el7ost	RHEA-2017:3462
openstack-manila-ui	2.10.2-3.el7ost	RHEA-2017:3462
openstack-mistral-all	5.2.0-1.el7ost	RHEA-2017:3462
openstack-mistral-api	5.2.0-1.el7ost	RHEA-2017:3462

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openstack-mistral-common	5.2.0-1.el7ost	RHEA-2017:3462
openstack-mistral-engine	5.2.0-1.el7ost	RHEA-2017:3462
openstack-mistral-event-engine	5.2.0-1.el7ost	RHEA-2017:3462
openstack-mistral-executor	5.2.0-1.el7ost	RHEA-2017:3462
openstack-neutron	11.0.1-6.el7ost	RHEA-2017:3462
openstack-neutron	11.0.1-7.el7ost	RHBA-2017:3461
openstack-neutron-bigswitch-agent	11.0.0-1.el7ost	RHEA-2017:3462
openstack-neutron-bigswitch-lldp	11.0.0-1.el7ost	RHEA-2017:3462
openstack-neutron-common	11.0.1-6.el7ost	RHEA-2017:3462
openstack-neutron-common	11.0.1-7.el7ost	RHBA-2017:3461
openstack-neutron-fwaas	11.0.1-2.el7ost	RHEA-2017:3462
openstack-neutron-lbaas	11.0.1-5.el7ost	RHEA-2017:3462
openstack-neutron-lbaas-ui	3.0.1-2.el7ost	RHEA-2017:3462
openstack-neutron-linuxbridge	11.0.1-6.el7ost	RHEA-2017:3462
openstack-neutron-linuxbridge	11.0.1-7.el7ost	RHBA-2017:3461
openstack-neutron-macvtap-agent	11.0.1-6.el7ost	RHEA-2017:3462
openstack-neutron-macvtap-agent	11.0.1-7.el7ost	RHBA-2017:3461
openstack-neutron-metering-agent	11.0.1-6.el7ost	RHEA-2017:3462
openstack-neutron-metering-agent	11.0.1-7.el7ost	RHBA-2017:3461
openstack-neutron-ml2	11.0.1-6.el7ost	RHEA-2017:3462
openstack-neutron-ml2	11.0.1-7.el7ost	RHBA-2017:3461

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openstack-neutron-openvswitch	11.0.1-6.el7ost	RHEA-2017:3462
openstack-neutron-openvswitch	11.0.1-7.el7ost	RHBA-2017:3461
openstack-neutron-rpc-server	11.0.1-6.el7ost	RHEA-2017:3462
openstack-neutron-rpc-server	11.0.1-7.el7ost	RHBA-2017:3461
openstack-neutron-sriov-nic-agent	11.0.1-6.el7ost	RHEA-2017:3462
openstack-neutron-sriov-nic-agent	11.0.1-7.el7ost	RHBA-2017:3461
openstack-nova	16.0.2-3.el7ost	RHEA-2017:3462
openstack-nova-api	16.0.2-3.el7ost	RHEA-2017:3462
openstack-nova-cells	16.0.2-3.el7ost	RHEA-2017:3462
openstack-nova-common	16.0.2-3.el7ost	RHEA-2017:3462
openstack-nova-compute	16.0.2-3.el7ost	RHEA-2017:3462
openstack-nova-conductor	16.0.2-3.el7ost	RHEA-2017:3462
openstack-nova-console	16.0.2-3.el7ost	RHEA-2017:3462
openstack-nova-migration	16.0.2-3.el7ost	RHEA-2017:3462
openstack-nova-network	16.0.2-3.el7ost	RHEA-2017:3462
openstack-nova-novncproxy	16.0.2-3.el7ost	RHEA-2017:3462
openstack-nova-placement-api	16.0.2-3.el7ost	RHEA-2017:3462
openstack-nova-scheduler	16.0.2-3.el7ost	RHEA-2017:3462
openstack-nova-serialproxy	16.0.2-3.el7ost	RHEA-2017:3462
openstack-nova-spicehtml5proxy	16.0.2-3.el7ost	RHEA-2017:3462
openstack-octavia-amphora-agent	1.0.1-2.el7ost	RHEA-2017:3462
openstack-octavia-api	1.0.1-2.el7ost	RHEA-2017:3462
openstack-octavia-common	1.0.1-2.el7ost	RHEA-2017:3462

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openstack-octavia-diskimage-create	1.0.1-2.el7ost	RHEA-2017:3462
openstack-octavia-health-manager	1.0.1-2.el7ost	RHEA-2017:3462
openstack-octavia-housekeeping	1.0.1-2.el7ost	RHEA-2017:3462
openstack-octavia-worker	1.0.1-2.el7ost	RHEA-2017:3462
openstack-panko-api	3.0.0-4.el7ost	RHEA-2017:3462
openstack-panko-common	3.0.0-4.el7ost	RHEA-2017:3462
openstack-puppet-modules	11.0.0-1.el7ost	RHEA-2017:3462
openstack-rally	0.10.0-1.el7ost	RHEA-2017:3462
openstack-sahara	7.0.0-3.el7ost	RHEA-2017:3462
openstack-sahara-api	7.0.0-3.el7ost	RHEA-2017:3462
openstack-sahara-common	7.0.0-3.el7ost	RHEA-2017:3462
openstack-sahara-engine	7.0.0-3.el7ost	RHEA-2017:3462
openstack-sahara-tests	0.5.0-2.el7ost	RHEA-2017:3462
openstack-sahara-ui	7.0.0-1.el7ost	RHEA-2017:3462
openstack-selinux	0.8.11-1.el7ost	RHEA-2017:3462
openstack-swift-account	2.15.1-3.el7ost	RHEA-2017:3462
openstack-swift-container	2.15.1-3.el7ost	RHEA-2017:3462
openstack-swift-object	2.15.1-3.el7ost	RHEA-2017:3462
openstack-swift-plugin-swift3	1.12.0-2.el7ost	RHEA-2017:3462
openstack-swift-proxy	2.15.1-3.el7ost	RHEA-2017:3462
openstack-tempest	17.1.0-1.el7ost	RHEA-2017:3462
openstack-tempest-all	17.1.0-1.el7ost	RHEA-2017:3462

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openstack-tripleo-common	7.6.3-8.el7ost	RHEA-2017:3462
openstack-tripleo-common-container-base	7.6.3-8.el7ost	RHEA-2017:3462
openstack-tripleo-common-containers	7.6.3-8.el7ost	RHEA-2017:3462
openstack-tripleo-common-devtools	7.6.3-8.el7ost	RHEA-2017:3462
openstack-tripleo-heat-templates	7.0.3-18.el7ost	RHEA-2017:3462
openstack-tripleo-heat-templates-compat	6.2.0-4.el7ost	RHEA-2017:3462
openstack-tripleo-image-elements	7.0.1-1.el7ost	RHEA-2017:3462
openstack-tripleo-puppet-elements	7.0.1-2.el7ost	RHEA-2017:3462
openstack-tripleo-ui	7.4.3-4.el7ost	RHEA-2017:3462
openstack-tripleo-validations	7.4.2-1.el7ost	RHEA-2017:3462
openstack-tripleo-validations-tests	7.4.2-1.el7ost	RHEA-2017:3462
openstack-zaqar	5.0.0-3.el7ost	RHEA-2017:3462
openvswitch	2.7.2-4.git20170719.el7fdp	RHEA-2017:3462
openvswitch-ovn-central	2.7.2-4.git20170719.el7fdp	RHEA-2017:3462
openvswitch-ovn-common	2.7.2-4.git20170719.el7fdp	RHEA-2017:3462
openvswitch-ovn-docker	2.7.2-4.git20170719.el7fdp	RHEA-2017:3462
openvswitch-ovn-host	2.7.2-4.git20170719.el7fdp	RHEA-2017:3462
openvswitch-ovn-vtep	2.7.2-4.git20170719.el7fdp	RHEA-2017:3462
os-apply-config	7.2.0-1.el7ost	RHEA-2017:3462
os-cloud-config	6.0.0-2.el7ost	RHEA-2017:3462

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os-collect-config	7.2.0-1.el7ost	RHEA-2017:3462
os-net-config	7.3.1-1.el7ost	RHEA-2017:3462
os-refresh-config	7.1.0-1.el7ost	RHEA-2017:3462
oz	0.12.0-2.el7	RHEA-2017:3462
plotnetcfg	0.4.1-3.el7ost	RHEA-2017:3462
puppet	4.8.2-2.el7ost	RHEA-2017:3462
puppet-aodh	11.3.0-3.el7ost	RHEA-2017:3462
puppet-apache	2.0.0-1.e31a682git.el7ost	RHEA-2017:3462
puppet-auditd	2.2.0-1.el7ost	RHEA-2017:3462
puppet-barbican	11.3.0-2.el7ost	RHEA-2017:3462
puppet-cassandra	2.5.0-1.d180a6cgit.el7ost	RHEA-2017:3462
puppet-ceilometer	11.3.0-3.el7ost	RHEA-2017:3462
puppet-ceph	2.4.1-1.el7ost	RHEA-2017:3462
puppet-certmonger	1.1.1-3.d09f0f2git.el7ost	RHEA-2017:3462
puppet-cinder	11.3.0-2.el7ost	RHEA-2017:3462
puppet-collectd	5.3.1-0.1.b995bdagit.el7ost	RHEA-2017:3462
puppet-concat	4.0.1-1.b783e1egit.el7ost	RHEA-2017:3462
puppet-contrail	1.0.0-3.90128d1git.el7ost	RHEA-2017:3462
puppet-corosync	5.0.0-4.527cda5git.el7ost	RHEA-2017:3462
puppet-datacat	0.6.2-3.5cce8f2git.el7ost	RHEA-2017:3462
puppet-ec2api	11.3.0-1.el7ost	RHEA-2017:3462
puppet-elasticsearch	5.4.0-1.el7ost	RHEA-2017:3462
puppet-fdio	0.0.1-2.d9ad6d2git.el7ost	RHEA-2017:3462

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puppet-firewall	1.8.2-2.2f892e9git.el7ost	RHEA-2017:3462
puppet-fluentd	0.9.0-1.el7ost	RHEA-2017:3462
puppet-git	0.4.0-3.4e4498egit.el7ost	RHEA-2017:3462
puppet-glance	11.3.0-3.el7ost	RHEA-2017:3462
puppet-gnocchi	11.3.0-2.el7ost	RHEA-2017:3462
puppet-haproxy	1.5.0-4.6ffcb07git.el7ost	RHEA-2017:3462
puppet-heat	11.3.0-2.el7ost	RHEA-2017:3462
puppet-horizon	11.3.0-2.el7ost	RHEA-2017:3462
puppet-inifile	2.0.0-1.16fd47dgit.el7ost	RHEA-2017:3462
puppet-ipaclient	2.5.1-1.el7ost	RHEA-2017:3462
puppet-ironic	11.3.0-2.el7ost	RHEA-2017:3462
puppet-java	2.0.0-1.43aa9afgit.el7ost	RHEA-2017:3462
puppet-kafka	3.1.1-0.1.8da0480git.el7ost	RHEA-2017:3462
puppet-keepalived	0.0.1-0.11.bbca37agit.el7ost	RHEA-2017:3462
puppet-keystone	11.3.0-2.el7ost	RHEA-2017:3462
puppet-kibana3	0.0.4-1.6ca9631git.el7ost	RHEA-2017:3462
puppet-kmod	2.1.1-4.b4d8db2git.el7ost	RHEA-2017:3462
puppet-manila	11.3.0-2.el7ost	RHEA-2017:3462
puppet-memcached	3.0.2-1.adf8b63git.el7ost	RHEA-2017:3462
puppet-midonet	1.1.0-2.4a44c33git.el7ost	RHEA-2017:3462
puppet-mistral	11.3.0-2.el7ost	RHEA-2017:3462
puppet-module-data	0.5.1-1.28dafcegit.el7ost	RHEA-2017:3462
puppet-mysql	3.11.0-1.920dd76git.el7ost	RHEA-2017:3462

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puppet-n1k-vsm	0.0.2-1.91772fagit.el7ost	RHEA-2017:3462
puppet-neutron	11.3.0-2.el7ost	RHEA-2017:3462
puppet-nova	11.4.0-2.el7ost	RHEA-2017:3462
puppet-nssdb	1.0.1-2.el7ost	RHEA-2017:3462
puppet-ntp	4.2.0-2.el7ost	RHEA-2017:3462
puppet-octavia	11.3.0-2.el7ost	RHEA-2017:3462
puppet-opendaylight	4.1.0-2.3768d5egit.el7ost	RHEA-2017:3462
puppet-openstack_extras	11.3.0-2.el7ost	RHEA-2017:3462
puppet-openstacklib	11.3.0-2.el7ost	RHEA-2017:3462
puppet-oslo	11.3.0-2.el7ost	RHEA-2017:3462
puppet-ovn	11.3.0-1.el7ost	RHEA-2017:3462
puppet-pacemaker	0.6.0-2.el7ost	RHEA-2017:3462
puppet-panko	11.3.0-2.el7ost	RHEA-2017:3462
puppet-rabbitmq	5.6.0-5.70ac6c5git.el7ost	RHEA-2017:3462
puppet-redis	3.2.0-1.8c61533git.el7ost	RHEA-2017:3462
puppet-remote	0.0.1-3.7420908git.el7ost	RHEA-2017:3462
puppet-rsync	0.4.0-2.295cfcegit.el7ost	RHEA-2017:3462
puppet-sahara	11.3.0-1.el7ost	RHEA-2017:3462
puppet-sensu	2.30.1-3.el7ost	RHEA-2017:3462
puppet-server	4.8.2-2.el7ost	RHEA-2017:3462
puppet-snmp	3.8.1-1.df91395git.el7ost	RHEA-2017:3462
puppet-ssh	3.0.1-3.3fb5405git.el7ost	RHEA-2017:3462
puppet-staging	1.0.4-1.b466d93git.el7ost	RHEA-2017:3462

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puppet-stdlib	4.18.0-2.el7ost	RHEA-2017:3462
puppet-swift	11.3.0-1.el7ost	RHEA-2017:3462
puppet-sysctl	0.0.11-1.el7ost	RHEA-2017:3462
puppet-systemd	1.0.0-1.047b31dgit.el7ost	RHEA-2017:3462
puppet-tempest	11.3.0-2.el7ost	RHEA-2017:3462
puppet-timezone	3.5.0-1.62ba3ccgit.el7ost	RHEA-2017:3462
puppet-tomcat	1.7.0-1.9fed47bgit.el7ost	RHEA-2017:3462
puppet-tripleo	7.4.3-11.el7ost	RHEA-2017:3462
puppet-trove	11.3.0-1.el7ost	RHEA-2017:3462
puppet-uchiwa	1.0.1-3.b614088git.el7ost	RHEA-2017:3462
puppet-vcsrepo	2.0.0-1.e3d28c6git.el7ost	RHEA-2017:3462
puppet-veritas_hyperscale	1.0.0-2.el7ost	RHEA-2017:3462
puppet-vlan	0.1.0-1.el7ost	RHEA-2017:3462
puppet-vswitch	7.3.0-1.el7ost	RHEA-2017:3462
puppet-xinetd	2.0.0-4.1d1e6d4git.el7ost	RHEA-2017:3462
puppet-zaqar	11.3.0-3.el7ost	RHEA-2017:3462
puppet-zookeeper	0.7.3-1.da686b4git.el7ost	RHEA-2017:3462
pyflakes	0.9.2-1.el7ost	RHEA-2017:3462
pyparsing	2.0.7-1.el7ost	RHEA-2017:3462
pysendfile	2.0.0-10.el7ost	RHEA-2017:3462
pystache	0.5.3-2.el7ost	RHEA-2017:3462
python-Bottleneck	0.6.0-5.el7ost	RHEA-2017:3462
python-Cython	0.25.2-4.el7ost	RHEA-2017:3462

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python-ImcSdk	0.7.2-3.el7ost	RHEA-2017:3462
python-PyMySQL	0.7.11-1.el7ost	RHEA-2017:3462
python-UcsSdk	0.8.2.5-1.el7ost	RHEA-2017:3462
python-XStatic	1.0.1-8.el7ost	RHEA-2017:3462
python-XStatic-Angular	1.5.8.0-1.el7ost	RHEA-2017:3462
python-XStatic-Angular-Bootstrap	2.2.0.0-1.el7ost	RHEA-2017:3462
python-XStatic-Angular-FileUpload	12.0.4.0-1.el7ost	RHEA-2017:3462
python-XStatic-Angular-Gettext	2.3.8.0-1.el7ost	RHEA-2017:3462
python-XStatic-Angular-Schema-Form	0.8.13.0-0.1.pre_review.el7ost	RHEA-2017:3462
python-XStatic-Angular-lldragndrop	1.0.2.2-1.el7ost	RHEA-2017:3462
python-XStatic-Bootstrap-Datepicker	1.3.1.0-1.el7ost	RHEA-2017:3462
python-XStatic-Bootstrap-SCSS	3.3.7.1-2.el7ost	RHEA-2017:3462
python-XStatic-D3	3.5.17.0-1.el7ost	RHEA-2017:3462
python-XStatic-Font-Awesome	4.7.0.0-3.el7ost	RHEA-2017:3462
python-XStatic-Hogan	2.0.0.2-2.el7ost	RHEA-2017:3462
python-XStatic-JQuery-Migrate	1.2.1.1-2.el7ost	RHEA-2017:3462
python-XStatic-JQuery-TableSorter	2.14.5.1-2.el7ost	RHEA-2017:3462
python-XStatic-JQuery-quicksearch	2.0.3.1-2.el7ost	RHEA-2017:3462
python-XStatic-JSEncrypt	2.3.1.1-1.el7ost	RHEA-2017:3462
python-XStatic-Jasmine	2.4.1.1-1.el7ost	RHEA-2017:3462

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python-XStatic-Magic-Search	0.2.0.1-1.el7ost	RHEA-2017:3462
python-XStatic-Rickshaw	1.5.0.0-4.el7ost	RHEA-2017:3462
python-XStatic-Spin	1.2.5.2-2.el7ost	RHEA-2017:3462
python-XStatic-bootswatch	3.3.7.0-1.el7ost	RHEA-2017:3462
python-XStatic-jQuery	1.10.2.1-1.el7ost	RHEA-2017:3462
python-XStatic-jquery-ui	1.10.4.1-1.el7ost.1	RHEA-2017:3462
python-XStatic-mdi	1.4.57.0-4.el7ost	RHEA-2017:3462
python-XStatic-objectpath	1.2.1.0-0.1.pre_review.el7ost	RHEA-2017:3462
python-XStatic-roboto-fontface	0.5.0.0-1.el7ost	RHEA-2017:3462
python-XStatic-smart-table	1.4.13.2-1.el7ost	RHEA-2017:3462
python-XStatic-termjs	0.0.7.0-1.el7ost	RHEA-2017:3462
python-XStatic-tv4	1.2.7.0-0.1.pre_review.el7ost	RHEA-2017:3462
python-alembic	0.8.10-1.el7ost	RHEA-2017:3462
python-amqp	2.1.4-2.el7ost	RHEA-2017:3462
python-amqplib	1.0.2-11.el7ost	RHEA-2017:3462
python-anyjson	0.3.3-7.1.el7ost	RHEA-2017:3462
python-aodh	5.0.0-3.el7ost	RHEA-2017:3462
python-aodh-tests	5.0.0-3.el7ost	RHEA-2017:3462
python-aodhclient	0.9.0-1.el7ost	RHEA-2017:3462
python-appdirs	1.4.0-4.el7ost	RHEA-2017:3462
python-autobahn	0.10.9-1.gitcf10233.el7ost	RHEA-2017:3462
python-automaton	1.12.1-1.el7ost	RHEA-2017:3462
python-babel	2.3.4-1.el7ost	RHEA-2017:3462

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python-barbicanclient	4.5.2-1.el7ost	RHEA-2017:3462
python-bcrypt	3.1.2-3.el7ost	RHEA-2017:3462
python-beautifulsoup4	4.6.0-1.el7ost	RHEA-2017:3462
python-boto	2.34.0-5.el7	RHEA-2017:3462
python-botocore	1.4.43-1.el7ost	RHEA-2017:3462
python-bson	3.0.3-2.el7ost	RHEA-2017:3462
python-cachetools	1.1.6-2.el7ost	RHEA-2017:3462
python-castellan	0.12.0-1.el7ost	RHEA-2017:3462
python-ceilometer	9.0.1-4.el7ost	RHEA-2017:3462
python-ceilometer-tests	9.0.1-4.el7ost	RHEA-2017:3462
python-ceilometerclient	2.9.0-1.el7ost	RHEA-2017:3462
python-ceilometermiddleware	1.1.0-1.el7ost	RHEA-2017:3462
python-characteristic	14.3.0-4.el7ost	RHEA-2017:3462
python-cinder	11.0.1-1.el7ost	RHEA-2017:3462
python-cinder-tests	11.0.1-1.el7ost	RHEA-2017:3462
python-cinderclient	3.1.0-1.el7ost	RHEA-2017:3462
python-click	6.3-1.el7ost	RHEA-2017:3462
python-cliff	2.8.0-1.el7ost	RHEA-2017:3462
python-cmd2	0.6.8-8.el7ost	RHEA-2017:3462
python-colorama	0.3.7-2.el7ost	RHEA-2017:3462
python-construct	2.8.10-1.el7ost	RHEA-2017:3462
python-contextlib2	0.4.0-2.el7ost	RHEA-2017:3462
python-cotyledon	1.6.3-1.el7ost	RHEA-2017:3462

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python-cradox	1.3.2-2.el7ost	RHEA-2017:3462
python-croniter	0.3.4-5.el7ost	RHEA-2017:3462
python-cursive	0.1.2-1.el7ost	RHEA-2017:3462
python-daiquiri	1.2.1-1.el7ost	RHEA-2017:3462
python-dateutil	2.4.2-1.el7ost	RHEA-2017:3462
python-ddt	1.0.1-2.el7ost	RHEA-2017:3462
python-debtcollector	1.17.1-1.el7ost	RHEA-2017:3462
python-defusedxml	0.5.0-1.el7ost	RHEA-2017:3462
python-deprecation	1.0-3.el7	RHEA-2017:3462
python-designate	5.0.1-1.el7ost	RHEA-2017:3462
python-designate-tests	5.0.1-1.el7ost	RHEA-2017:3462
python-designate-tests-tempest	0.3.0-1.el7ost	RHEA-2017:3462
python-designateclient	2.7.0-1.el7ost	RHEA-2017:3462
python-designateclient-tests	2.7.0-1.el7ost	RHEA-2017:3462
python-django	1.8.18-1.el7ost	RHEA-2017:3462
python-django-appconf	1.0.1-4.el7ost	RHEA-2017:3462
python-django-bash-completion	1.8.18-1.el7ost	RHEA-2017:3462
python-django-compressor	2.0-1.el7ost	RHEA-2017:3462
python-django-horizon	12.0.0-4.el7ost	RHEA-2017:3462
python-django-openstack-auth	3.5.0-2.el7ost	RHEA-2017:3462
python-django-pyscss	2.0.2-1.el7ost	RHEA-2017:3462
python-docutils	0.12-0.2.20140510svn7747.el7ost	RHEA-2017:3462
python-dogpile-cache	0.6.2-1.el7ost	RHEA-2017:3462

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python-dogpile-core	0.4.1-6.1.el7ost	RHEA-2017:3462
python-dracclient	1.3.1-1.el7ost	RHEA-2017:3462
python-ec2-api	5.0.0-2.el7ost	RHEA-2017:3462
python-ec2-api-tests	5.0.0-2.el7ost	RHEA-2017:3462
python-ecdsa	0.11-4.el7ost	RHEA-2017:3462
python-editor	0.4-4.el7ost	RHEA-2017:3462
python-eventlet	0.20.1-2.el7ost	RHEA-2017:3462
python-extras	0.0.3-8.el7ost	RHEA-2017:3462
python-falcon	1.0.0-4.el7ost	RHEA-2017:3462
python-fasteners	0.14.1-6.el7ost	RHEA-2017:3462
python-fixtures	3.0.0-2.el7ost	RHEA-2017:3462
python-flake8	2.4.1-2.el7ost	RHEA-2017:3462
python-funcsigs	1.0.2-1.el7ost	RHEA-2017:3462
python-futures	3.0.3-1.el7ost	RHEA-2017:3462
python-futurist	1.3.0-1.el7ost	RHEA-2017:3462
python-gabbi	1.33.0-1.el7ost	RHEA-2017:3462
python-gflags	2.0-5.el7ost	RHEA-2017:3462
python-gitdb	0.6.4-4.el7ost	RHEA-2017:3462
python-glance	15.0.0-3.el7ost	RHEA-2017:3462
python-glance-store	0.22.0-1.el7ost	RHEA-2017:3462
python-glance-tests	15.0.0-3.el7ost	RHEA-2017:3462
python-glanceclient	2.8.0-1.el7ost	RHEA-2017:3462
python-gnocchi	4.0.3-2.el7ost	RHEA-2017:3462

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python-gnocchi-tests	4.0.3-2.el7ost	RHEA-2017:3462
python-gnocchiclient	3.3.1-1.el7ost	RHEA-2017:3462
python-google-api-client	1.4.2-4.el7ost	RHEA-2017:3462
python-gunicorn	19.7.1-1.el7ost	RHEA-2017:3462
python-hacking	1.0.0-1.el7ost	RHEA-2017:3462
python-hardware	0.18-3.el7ost	RHEA-2017:3462
python-hardware-detect	0.18-3.el7ost	RHEA-2017:3462
python-heat-agent	1.4.0-1.el7ost	RHEA-2017:3462
python-heat-agent-ansible	1.4.0-1.el7ost	RHEA-2017:3462
python-heat-agent-apply-config	1.4.0-1.el7ost	RHEA-2017:3462
python-heat-agent-docker-cmd	1.4.0-1.el7ost	RHEA-2017:3462
python-heat-agent-hiera	1.4.0-1.el7ost	RHEA-2017:3462
python-heat-agent-json-file	1.4.0-1.el7ost	RHEA-2017:3462
python-heat-agent-puppet	1.4.0-1.el7ost	RHEA-2017:3462
python-heat-tests	9.0.1-3.el7ost	RHEA-2017:3462
python-heatclient	1.11.0-1.el7ost	RHEA-2017:3462
python-horizon-tests-tempest	0.0.1-0.2.86ac4f8git.el7ost	RHEA-2017:3462
python-httplib2	0.9.2-1.el7ost	RHEA-2017:3462
python-ironic-inspector-client	2.1.0-1.el7ost	RHEA-2017:3462
python-ironic-inspector-tests	6.0.0-3.el7ost	RHEA-2017:3462
python-ironic-lib	2.10.0-1.el7ost	RHEA-2017:3462
python-ironic-python-agent	2.2.2-3.el7ost	RHEA-2017:3462
python-ironic-tests	9.1.2-3.el7ost	RHEA-2017:3462

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python-ironicclient	1.17.0-1.el7ost	RHEA-2017:3462
python-iso8601	0.1.11-1.el7ost	RHEA-2017:3462
python-jmespath	0.9.0-5.el7ost	RHEA-2017:3462
python-json-logger	0.1.7-1.el7ost	RHEA-2017:3462
python-jsonpath-rw	1.2.3-2.el7ost	RHEA-2017:3462
python-jsonpath-rw-ext	1.0.0-1.el7ost	RHEA-2017:3462
python-jsonpointer	1.10-4.1.el7ost	RHEA-2017:3462
python-jsonrpclib	0.1.3-2.el7ost	RHEA-2017:3462
python-jonschema	2.4.0-3.el7ost	RHEA-2017:3462
python-junitxml	0.7-4.el7ost	RHEA-2017:3462
python-kafka	1.3.1-1.el7ost	RHEA-2017:3462
python-kazoo	2.2.1-1.el7ost	RHEA-2017:3462
python-keyczar	0.71c-2.el7	RHEA-2017:3462
python-keyring	5.7.1-1.el7ost	RHEA-2017:3462
python-keystone	12.0.0-3.el7ost	RHEA-2017:3462
python-keystone-tests	12.0.0-3.el7ost	RHEA-2017:3462
python-keystoneauth1	3.1.0-1.el7ost	RHEA-2017:3462
python-keystoneclient	3.13.0-1.el7ost	RHEA-2017:3462
python-keystonemiddleware	4.17.0-1.el7ost	RHEA-2017:3462
python-kombu	4.0.2-5.el7ost	RHEA-2017:3462
python-ldap3	0.9.8.6-2.el7ost	RHEA-2017:3462
python-ldappool	1.0-4.el7ost	RHEA-2017:3462
python-lesscpy	0.9j-4.el7ost	RHEA-2017:3462

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python-linecache2	1.0.0-1.el7ost	RHEA-2017:3462
python-lockfile	0.9.1-5.el7	RHEA-2017:3462
python-logutils	0.3.3-3.el7ost	RHEA-2017:3462
python-lxml	3.2.1-6.el7ost	RHEA-2017:3462
python-lz4	0.9.0-2.el7ost	RHEA-2017:3462
python-magnumclient	2.7.0-1.el7ost	RHEA-2017:3462
python-manila	5.0.1-3.el7ost	RHEA-2017:3462
python-manila-tests	5.0.1-3.el7ost	RHEA-2017:3462
python-manilaclient	1.17.2-1.el7ost	RHEA-2017:3462
python-mccabe	0.2.1-7.el7ost	RHEA-2017:3462
python-memcached	1.58-1.el7ost	RHEA-2017:3462
python-microversion-parse	0.1.4-2.el7ost	RHEA-2017:3462
python-migrate	0.11.0-1.el7ost	RHEA-2017:3462
python-mimeparse	0.1.4-6.el7ost	RHEA-2017:3462
python-mistral	5.2.0-1.el7ost	RHEA-2017:3462
python-mistral-lib	0.3.1-1.el7ost	RHEA-2017:3462
python-mistral-lib-tests	0.3.1-1.el7ost	RHEA-2017:3462
python-mistral-tests	5.2.0-1.el7ost	RHEA-2017:3462
python-mistralclient	3.1.3-2.el7ost	RHEA-2017:3462
python-mock	2.0.0-1.el7ost	RHEA-2017:3462
python-monotonic	0.6-1.el7ost	RHEA-2017:3462
python-mox3	0.23.0-1.el7ost	RHEA-2017:3462
python-msgpack	0.4.6-5.el7ost	RHEA-2017:3462

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python-ncclient	0.4.7-5.el7ost	RHEA-2017:3462
python-netaddr	0.7.18-1.el7ost	RHEA-2017:3462
python-networking-bgpvpn	7.0.0-2.el7ost	RHEA-2017:3462
python-networking-bgpvpn-dashboard	7.0.0-2.el7ost	RHEA-2017:3462
python-networking-bgpvpn-heat	7.0.0-2.el7ost	RHEA-2017:3462
python-networking-bigswitch	11.0.0-1.el7ost	RHEA-2017:3462
python-networking-cisco	5.2.0-1.el7ost	RHEA-2017:3462
python-networking-fujitsu	5.0.1-1.el7ost	RHEA-2017:3462
python-networking-l2gw	11.0.0-1.el7ost	RHEA-2017:3462
python-networking-l2gw-tests-tempest	11.0.0-1.el7ost	RHEA-2017:3462
python-networking-odl	11.0.0-2.el7ost	RHEA-2017:3462
python-networking-ovn	3.0.0-2.el7ost	RHEA-2017:3462
python-networking-vmware-nsx	11.0.0-1.el7ost	RHEA-2017:3462
python-networkx	1.10-1.1.el7ost	RHEA-2017:3462
python-networkx-core	1.10-1.1.el7ost	RHEA-2017:3462
python-neutron	11.0.1-6.el7ost	RHEA-2017:3462
python-neutron	11.0.1-7.el7ost	RHBA-2017:3461
python-neutron-fwaas	11.0.1-2.el7ost	RHEA-2017:3462
python-neutron-fwaas-tests	11.0.1-2.el7ost	RHEA-2017:3462
python-neutron-lbaas	11.0.1-5.el7ost	RHEA-2017:3462
python-neutron-lbaas-tests	11.0.1-5.el7ost	RHEA-2017:3462
python-neutron-lib	1.9.1-1.el7ost	RHEA-2017:3462

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python-neutron-lib-tests	1.9.1-1.el7ost	RHEA-2017:3462
python-neutron-tests	11.0.1-6.el7ost	RHEA-2017:3462
python-neutron-tests	11.0.1-7.el7ost	RHBA-2017:3461
python-neutronclient	6.5.0-1.el7ost	RHEA-2017:3462
python-nova	16.0.2-3.el7ost	RHEA-2017:3462
python-nova-tests	16.0.2-3.el7ost	RHEA-2017:3462
python-novaclient	9.1.1-1.el7ost	RHEA-2017:3462
python-novajoin	1.0.17-1.el7ost	RHEA-2017:3462
python-numexpr	2.6.1-3.el7ost.1	RHEA-2017:3462
python-oauth2client	1.5.2-4.el7ost	RHEA-2017:3462
python-oauthlib	0.7.2- 3.20150520git514cad7.el7ost	RHEA-2017:3462
python-octavia	1.0.1-2.el7ost	RHEA-2017:3462
python-octavia-tests	1.0.1-2.el7ost	RHEA-2017:3462
python-octavia-tests-golang	1.0.1-2.el7ost	RHEA-2017:3462
python-openstackclient	3.12.0-1.el7ost	RHEA-2017:3462
python-openstackclient-lang	3.12.0-1.el7ost	RHEA-2017:3462
python-openstacksdk	0.9.17-1.el7ost	RHEA-2017:3462
python-openstacksdk-tests	0.9.17-1.el7ost	RHEA-2017:3462
python-openvswitch	2.7.2-4.git20170719.el7fdp	RHEA-2017:3462
python-os-brick	1.15.3-1.el7ost	RHEA-2017:3462
python-os-client-config	1.28.0-1.el7ost	RHEA-2017:3462
python-os-faults	0.1.16-1.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-os-faults-libvirt	0.1.16-1.el7ost	RHEA-2017:3462
python-os-testr	0.8.2-1.el7ost	RHEA-2017:3462
python-os-traits	0.3.3-1.el7ost	RHEA-2017:3462
python-os-traits-tests	0.3.3-1.el7ost	RHEA-2017:3462
python-os-vif	1.7.0-1.el7ost	RHEA-2017:3462
python-os-win	2.2.0-1.el7ost	RHEA-2017:3462
python-os-xenapi	0.3.1-2.el7ost	RHEA-2017:3462
python-osc-lib	1.7.0-1.el7ost	RHEA-2017:3462
python-oslo-cache	1.25.0-1.el7ost	RHEA-2017:3462
python-oslo-cache-lang	1.25.0-1.el7ost	RHEA-2017:3462
python-oslo-cache-tests	1.25.0-1.el7ost	RHEA-2017:3462
python-oslo-concurrency	3.21.1-1.el7ost	RHEA-2017:3462
python-oslo-concurrency-lang	3.21.1-1.el7ost	RHEA-2017:3462
python-oslo-concurrency-tests	3.21.1-1.el7ost	RHEA-2017:3462
python-oslo-config	4.11.1-1.el7ost	RHEA-2017:3462
python-oslo-context	2.17.0-1.el7ost	RHEA-2017:3462
python-oslo-context-tests	2.17.0-1.el7ost	RHEA-2017:3462
python-oslo-db	4.25.0-1.el7ost	RHEA-2017:3462
python-oslo-db-lang	4.25.0-1.el7ost	RHEA-2017:3462
python-oslo-db-tests	4.25.0-1.el7ost	RHEA-2017:3462
python-oslo-i18n	3.17.0-1.el7ost	RHEA-2017:3462
python-oslo-i18n-lang	3.17.0-1.el7ost	RHEA-2017:3462
python-oslo-log	3.30.0-1.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-oslo-log-lang	3.30.0-1.el7ost	RHEA-2017:3462
python-oslo-log-tests	3.30.0-1.el7ost	RHEA-2017:3462
python-oslo-messaging	5.30.1-1.el7ost	RHEA-2017:3462
python-oslo-messaging-tests	5.30.1-1.el7ost	RHEA-2017:3462
python-oslo-middleware	3.30.1-1.el7ost	RHEA-2017:3462
python-oslo-middleware-lang	3.30.1-1.el7ost	RHEA-2017:3462
python-oslo-middleware-tests	3.30.1-1.el7ost	RHEA-2017:3462
python-oslo-policy	1.25.1-1.el7ost	RHEA-2017:3462
python-oslo-policy-lang	1.25.1-1.el7ost	RHEA-2017:3462
python-oslo-policy-tests	1.25.1-1.el7ost	RHEA-2017:3462
python-oslo-privsep	1.22.0-1.el7ost	RHEA-2017:3462
python-oslo-privsep-lang	1.22.0-1.el7ost	RHEA-2017:3462
python-oslo-privsep-tests	1.22.0-1.el7ost	RHEA-2017:3462
python-oslo-reports	1.22.0-1.el7ost	RHEA-2017:3462
python-oslo-reports-tests	1.22.0-1.el7ost	RHEA-2017:3462
python-oslo-rootwrap	5.9.0-1.el7ost	RHEA-2017:3462
python-oslo-rootwrap-tests	5.9.0-1.el7ost	RHEA-2017:3462
python-oslo-serialization	2.20.0-1.el7ost	RHEA-2017:3462
python-oslo-serialization-tests	2.20.0-1.el7ost	RHEA-2017:3462
python-oslo-service	1.25.0-1.el7ost	RHEA-2017:3462
python-oslo-service-tests	1.25.0-1.el7ost	RHEA-2017:3462
python-oslo-sphinx	4.15.1-1.el7ost	RHEA-2017:3462
python-oslo-utils	3.28.0-1.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-oslo-utils-lang	3.28.0-1.el7ost	RHEA-2017:3462
python-oslo-utils-tests	3.28.0-1.el7ost	RHEA-2017:3462
python-oslo-versionedobjects	1.26.0-1.el7ost	RHEA-2017:3462
python-oslo-versionedobjects-lang	1.26.0-1.el7ost	RHEA-2017:3462
python-oslo-versionedobjects-tests	1.26.0-1.el7ost	RHEA-2017:3462
python-oslo-vmware	2.23.0-1.el7ost	RHEA-2017:3462
python-oslo-vmware-lang	2.23.0-1.el7ost	RHEA-2017:3462
python-oslotest	2.17.0-1.el7ost	RHEA-2017:3462
python-osprofiler	1.11.0-1.el7ost	RHEA-2017:3462
python-ovsdbapp	0.4.1-1.el7ost	RHEA-2017:3462
python-pandas	0.19.1-3.el7ost.1	RHEA-2017:3462
python-panko	3.0.0-4.el7ost	RHEA-2017:3462
python-panko-tests	3.0.0-4.el7ost	RHEA-2017:3462
python-pankoclient	0.3.0-1.el7ost	RHEA-2017:3462
python-paramiko	2.0.0-1.0.el7ost	RHEA-2017:3462
python-passlib	1.7.0-4.el7ost	RHEA-2017:3462
python-paste-deploy	1.5.2-4.el7ost	RHEA-2017:3462
python-pathlib	1.0.1-1.el7ost	RHEA-2017:3462
python-paunch	1.5.1-1.el7ost	RHEA-2017:3462
python-pecan	1.1.2-1.el7ost	RHEA-2017:3462
python-pep8	1.5.7-2.el7ost	RHEA-2017:3462
python-pika	0.10.0-3.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-pika_pool	0.1.3-3.el7ost	RHEA-2017:3462
python-pint	0.6-5.1.el7ost	RHEA-2017:3462
python-positional	1.1.1-2.el7ost	RHEA-2017:3462
python-posix_ipc	0.9.8-6.el7ost	RHEA-2017:3462
python-proliantutils	2.4.0-1.el7ost	RHEA-2017:3462
python-psutil	5.2.2-2.el7ost	RHEA-2017:3462
python-ptyprocess	0.4-1.el7ost	RHEA-2017:3462
python-py	1.4.30-2.el7ost	RHEA-2017:3462
python-pyOpenSSL	16.2.0-3.el7ost	RHEA-2017:3462
python-pycadf	2.6.0-1.el7ost	RHEA-2017:3462
python-pycadf-common	2.6.0-1.el7ost	RHEA-2017:3462
python-pyeclib	1.5.0-1.el7ost	RHEA-2017:3462
python-pyghmi	1.0.22-1.el7ost	RHEA-2017:3462
python-pymemcache	1.2.5-2.el7ost	RHEA-2017:3462
python-pymongo	3.0.3-2.el7ost	RHEA-2017:3462
python-pymongo-gridfs	3.0.3-2.el7ost	RHEA-2017:3462
python-pyroute2	0.4.19-1.el7ost	RHEA-2017:3462
python-pysaml2	3.0.2-3.el7ost	RHEA-2017:3462
python-pysnmp	4.3.2-3.el7ost	RHEA-2017:3462
python-pysocks	1.5.6-3.el7ost	RHEA-2017:3462
python-pytest	3.0.6-2.el7ost	RHEA-2017:3462
python-pytimeparse	1.1.5-1.1.el7ost	RHEA-2017:3462
python-rcssmin	1.0.6-3.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-redis	2.10.3-3.el7ost	RHEA-2017:3462
python-repoze-lru	0.4-8.el7ost	RHEA-2017:3462
python-repoze-who	2.1-4.el7ost	RHEA-2017:3462
python-requests	2.11.1-1.el7ost	RHEA-2017:3462
python-requests-kerberos	0.8.0-3.el7ost	RHEA-2017:3462
python-requests-mock	1.1.0-1.el7ost	RHEA-2017:3462
python-requests-oauthlib	0.5.0-2.el7ost	RHEA-2017:3462
python-requestsexceptions	1.3.0-1.el7ost	RHEA-2017:3462
python-retrying	1.2.3-4.el7ost	RHEA-2017:3462
python-rfc3986	0.3.1-1.el7ost	RHEA-2017:3462
python-rjsmin	1.0.12-3.el7ost	RHEA-2017:3462
python-routes	2.4.1-1.el7ost	RHEA-2017:3462
python-ryu	4.15-1.el7ost	RHEA-2017:3462
python-ryu-common	4.15-1.el7ost	RHEA-2017:3462
python-sahara	7.0.0-3.el7ost	RHEA-2017:3462
python-sahara-tests	7.0.0-3.el7ost	RHEA-2017:3462
python-sahara-tests-scenario	0.5.0-2.el7ost	RHEA-2017:3462
python-sahara-tests-tempest	0.5.0-2.el7ost	RHEA-2017:3462
python-saharaclient	1.3.0-1.el7ost	RHEA-2017:3462
python-scciclient	0.5.0-1.el7ost	RHEA-2017:3462
python-scrypt	0.8.0-2.el7ost	RHEA-2017:3462
python-scss	1.3.4-7.el7ost	RHEA-2017:3462
python-semantic_version	2.4.2-1.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-service-identity	14.0.0-4.el7ost	RHEA-2017:3462
python-setproctitle	1.1.9-5.el7ost	RHEA-2017:3462
python-simplegeneric	0.8-7.el7ost	RHEA-2017:3462
python-simplejson	3.5.3-6.el7ost	RHEA-2017:3462
python-singledispatch	3.4.0.3-2.1.el7ost	RHEA-2017:3462
python-smmap	0.9.0-5.el7ost	RHEA-2017:3462
python-snappy	0.5-9.el7ost	RHEA-2017:3462
python-speaklater	1.3-1.el7ost	RHEA-2017:3462
python-sqlalchemy	1.1.11-1.el7ost	RHEA-2017:3462
python-sqlalchemy-utils	0.31.3-2.el7ost	RHEA-2017:3462
python-sqlparse	0.1.18-5.el7ost	RHEA-2017:3462
python-statsd-doc	3.2.1-5.el7ost	RHEA-2017:3462
python-stevedore	1.25.0-1.el7ost	RHEA-2017:3462
python-suds	0.7-0.4.94664ddd46a6.el7ost	RHEA-2017:3462
python-sushy	1.1.0-1.el7ost	RHEA-2017:3462
python-swift	2.15.1-3.el7ost	RHEA-2017:3462
python-swift-tests	2.15.1-3.el7ost	RHEA-2017:3462
python-swiftclient	3.4.0-1.el7ost	RHEA-2017:3462
python-tables	3.3.0-4.el7ost	RHEA-2017:3462
python-taskflow	2.14.0-1.el7ost	RHEA-2017:3462
python-tempest	17.1.0-1.el7ost	RHEA-2017:3462
python-tempest-lib	1.0.0-1.el7ost	RHEA-2017:3462
python-tempest-tests	17.1.0-1.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-tempestconf	1.1.3-1.el7ost	RHEA-2017:3462
python-tenacity	4.4.0-1.el7ost	RHEA-2017:3462
python-testrepository	0.0.20-3.1.el7ost	RHEA-2017:3462
python-testresources	0.2.7-6.el7ost	RHEA-2017:3462
python-testscenarios	0.4-6.el7ost	RHEA-2017:3462
python-testtools	1.8.0-2.el7ost	RHEA-2017:3462
python-tinyrpc	0.5-4.20170523git1f38ac.el7ost	RHEA-2017:3462
python-tinyrpc-doc	0.5-4.20170523git1f38ac.el7ost	RHEA-2017:3462
python-tooz	1.58.0-1.el7ost	RHEA-2017:3462
python-traceback2	1.4.0-2.el7ost	RHEA-2017:3462
python-tripleoclient	7.3.3-7.el7ost	RHEA-2017:3462
python-trollius	2.0-1.el7ost	RHEA-2017:3462
python-troveclient	2.12.0-1.el7ost	RHEA-2017:3462
python-twisted	16.1.1-5.el7ost	RHEA-2017:3462
python-txaio	2.0.4-4.el7ost	RHEA-2017:3462
python-ujson	1.35-1.el7ost	RHEA-2017:3462
python-unicodcsv	0.14.1-2.el7ost	RHEA-2017:3462
python-unittest2	1.0.1-1.el7ost	RHEA-2017:3462
python-uri-templates	0.6-5.el7ost	RHEA-2017:3462
python-urllib3	1.16-2.el7ost	RHEA-2017:3462
python-versiontools	1.9.1-8.el7ost	RHEA-2017:3462
python-vine	1.1.3-2.el7ost	RHEA-2017:3462
python-virtualbmc	1.2.0-1.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-vmware-nxlib	11.0.0-1.el7ost	RHEA-2017:3462
python-voluptuous	0.8.9-1.el7ost	RHEA-2017:3462
python-waitress	0.8.10-1.el7ost	RHEA-2017:3462
python-warlock	1.0.1-1.el7ost	RHEA-2017:3462
python-weakrefmethod	1.0.2-3.el7ost	RHEA-2017:3462
python-webob	1.7.2-1.el7ost	RHEA-2017:3462
python-websockify	0.8.0-1.el7	RHEA-2017:3462
python-webtest	2.0.23-2.el7ost	RHEA-2017:3462
python-wrapt	1.10.8-3.el7ost	RHEA-2017:3462
python-wsaccel	0.6.2-9.el7ost	RHEA-2017:3462
python-wsgi_intercept	1.2.2-1.el7ost	RHEA-2017:3462
python-wsme	0.9.2-1.el7ost	RHEA-2017:3462
python-yaql	1.1.0-3.el7ost	RHEA-2017:3462
python-zake	0.2.2-2.el7ost	RHEA-2017:3462
python-zaqar-tests	5.0.0-3.el7ost	RHEA-2017:3462
python-zaqarclient	1.7.0-1.el7ost	RHEA-2017:3462
python-zope-interface	4.0.5-4.el7	RHEA-2017:3462
python2-crypto	2.6.1-16.el7ost	RHEA-2017:3462
python2-keystone-tests-tempest	0.0.1-0.1.fe269f2git.el7ost	RHEA-2017:3462
python2-numpy	1.11.2-3.el7ost	RHEA-2017:3462
python2-numpy-f2py	1.11.2-3.el7ost	RHEA-2017:3462
python2-pbr	3.1.1-1.el7ost	RHEA-2017:3462
python2-scipy	0.18.0-5.el7ost	RHEA-2017:3462

Name	Version	Advisory
python2-statsd	3.2.1-5.el7ost	RHEA-2017:3462
python2-subunit	1.2.0-15.el7ost	RHEA-2017:3462
python2-sysv_ipc	0.7.0-4.el7ost	RHEA-2017:3462
qemu-img-rhev	2.9.0-16.el7_4.11	RHEA-2017:3462
qemu-kvm-common-rhev	2.9.0-16.el7_4.11	RHEA-2017:3462
qemu-kvm-rhev	2.9.0-16.el7_4.11	RHEA-2017:3462
qemu-kvm-tools-rhev	2.9.0-16.el7_4.11	RHEA-2017:3462
rabbitmq-server	3.6.5-5.el7ost	RHEA-2017:3462
redis	3.2.8-2.el7ost	RHEA-2017:3462
rhosp-director-images	12.0-20171206.1.el7ost	RHEA-2017:3459
rhosp-director-images-ipa	12.0-20171206.1.el7ost	RHEA-2017:3459
rhosp-release	12.0-2.el7	RHEA-2017:3462
roboto-fontface-common	0.5.0.0-1.el7ost	RHEA-2017:3462
roboto-fontface-fonts	0.5.0.0-1.el7ost	RHEA-2017:3462
ruby-augeas	0.5.0-1.el7	RHEA-2017:3462
ruby-shadow	1.4.1-23.el7ost	RHEA-2017:3462
rubygem-rgen	0.6.6-2.1.el7	RHEA-2017:3462
sahara-image-elements	7.0.0-2.el7ost	RHEA-2017:3462
sshpas	1.06-2.el7	RHEA-2017:3462
subunit	1.2.0-15.el7ost	RHEA-2017:3462
subunit-filters	1.2.0-15.el7ost	RHEA-2017:3462
sysbench	0.4.12-13.el7ost	RHEA-2017:3462
web-assets-filesystem	5-1.el7ost	RHEA-2017:3462

Name	Version	Advisory
web-assets-httpd	5-1.el7ost	RHEA-2017:3462
xstatic-angular-bootstrap-common	2.2.0.0-1.el7ost	RHEA-2017:3462
xstatic-angular-fileupload-common	12.0.4.0-1.el7ost	RHEA-2017:3462
xstatic-angular-gettext-common	2.3.8.0-1.el7ost	RHEA-2017:3462
xstatic-angular-schema-form-common	0.8.13.0-0.1.pre_review.el7ost	RHEA-2017:3462
xstatic-bootstrap-scss-common	3.3.7.1-2.el7ost	RHEA-2017:3462
xstatic-d3-common	3.5.17.0-1.el7ost	RHEA-2017:3462
xstatic-jasmine-common	2.4.1.1-1.el7ost	RHEA-2017:3462
xstatic-jscrypt-common	2.3.1.1-1.el7ost	RHEA-2017:3462
xstatic-objectpath-common	1.2.1.0-0.1.pre_review.el7ost	RHEA-2017:3462
xstatic-smart-table-common	1.4.13.2-1.el7ost	RHEA-2017:3462
xstatic-termjs-common	0.0.7.0-1.el7ost	RHEA-2017:3462
xstatic-tv4-common	1.2.7.0-0.1.pre_review.el7ost	RHEA-2017:3462
yaml-cpp	0.5.1-8.el7ost	RHEA-2017:3462

3.6. RED HAT OPENSTACK PLATFORM 12 TOOLS FOR RHEL 7 SERVER

The following table outlines the packages included in the `rhel-7-server-openstack-12-tools-rpms` repository.

Table 3.6. Red Hat OpenStack Platform 12 Tools for RHEL 7 Server Packages

Name	Version	Advisory
babel	2.3.4-1.el7ost	RHEA-2017:3462
openshift-heat-templates	0.9.9-5.el7ost	RHEA-2017:3462
pyOpenSSL-doc	16.2.0-3.el7ost	RHEA-2017:3462

Name	Version	Advisory
pyparsing	2.0.7-1.el7ost	RHEA-2017:3462
python-anyjson	0.3.3-7.1.el7ost	RHEA-2017:3462
python-aodhclient	0.9.0-1.el7ost	RHEA-2017:3462
python-appdirs	1.4.0-4.el7ost	RHEA-2017:3462
python-babel	2.3.4-1.el7ost	RHEA-2017:3462
python-barbicanclient	4.5.2-1.el7ost	RHEA-2017:3462
python-ceilometerclient	2.9.0-1.el7ost	RHEA-2017:3462
python-cinderclient	3.1.0-1.el7ost	RHEA-2017:3462
python-cliff	2.8.0-1.el7ost	RHEA-2017:3462
python-cmd2	0.6.8-8.el7ost	RHEA-2017:3462
python-contextlib2	0.4.0-2.el7ost	RHEA-2017:3462
python-debtcollector	1.17.1-1.el7ost	RHEA-2017:3462
python-deprecation	1.0-3.el7	RHEA-2017:3462
python-designateclient	2.7.0-1.el7ost	RHEA-2017:3462
python-dogpile-cache	0.6.2-1.el7ost	RHEA-2017:3462
python-dogpile-core	0.4.1-6.1.el7ost	RHEA-2017:3462
python-extras	0.0.3-8.el7ost	RHEA-2017:3462
python-fixtures	3.0.0-2.el7ost	RHEA-2017:3462
python-funcsigs	1.0.2-1.el7ost	RHEA-2017:3462
python-futures	3.0.3-1.el7ost	RHEA-2017:3462
python-futurist	1.3.0-1.el7ost	RHEA-2017:3462
python-glanceclient	2.8.0-1.el7ost	RHEA-2017:3462
python-gnocchiclient	3.3.1-1.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-heatclient	1.11.0-1.el7ost	RHEA-2017:3462
python-httplib2	0.9.2-1.el7ost	RHEA-2017:3462
python-ironicclient	1.17.0-1.el7ost	RHEA-2017:3462
python-iso8601	0.1.11-1.el7ost	RHEA-2017:3462
python-jsonschema	2.4.0-3.el7ost	RHEA-2017:3462
python-keyring	5.7.1-1.el7ost	RHEA-2017:3462
python-keystoneauth1	3.1.0-1.el7ost	RHEA-2017:3462
python-keystoneclient	3.13.0-1.el7ost	RHEA-2017:3462
python-linecache2	1.0.0-1.el7ost	RHEA-2017:3462
python-manilaclient	1.17.2-1.el7ost	RHEA-2017:3462
python-mimeparse	0.1.4-6.el7ost	RHEA-2017:3462
python-monotonic	0.6-1.el7ost	RHEA-2017:3462
python-msgpack	0.4.6-5.el7ost	RHEA-2017:3462
python-netaddr	0.7.18-1.el7ost	RHEA-2017:3462
python-neutronclient	6.5.0-1.el7ost	RHEA-2017:3462
python-novaclient	9.1.1-1.el7ost	RHEA-2017:3462
python-openstackclient	3.12.0-1.el7ost	RHEA-2017:3462
python-openstackclient-lang	3.12.0-1.el7ost	RHEA-2017:3462
python-openstacksdk	0.9.17-1.el7ost	RHEA-2017:3462
python-os-client-config	1.28.0-1.el7ost	RHEA-2017:3462
python-osc-lib	1.7.0-1.el7ost	RHEA-2017:3462
python-oslo-config	4.11.1-1.el7ost	RHEA-2017:3462
python-oslo-context	2.17.0-1.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-oslo-i18n	3.17.0-1.el7ost	RHEA-2017:3462
python-oslo-i18n-lang	3.17.0-1.el7ost	RHEA-2017:3462
python-oslo-log	3.30.0-1.el7ost	RHEA-2017:3462
python-oslo-log-lang	3.30.0-1.el7ost	RHEA-2017:3462
python-oslo-serialization	2.20.0-1.el7ost	RHEA-2017:3462
python-oslo-utils	3.28.0-1.el7ost	RHEA-2017:3462
python-oslo-utils-lang	3.28.0-1.el7ost	RHEA-2017:3462
python-pankoclient	0.3.0-1.el7ost	RHEA-2017:3462
python-positional	1.1.1-2.el7ost	RHEA-2017:3462
python-pyOpenSSL	16.2.0-3.el7ost	RHEA-2017:3462
python-pysocks	1.5.6-3.el7ost	RHEA-2017:3462
python-requests	2.11.1-1.el7ost	RHEA-2017:3462
python-requests-kerberos	0.8.0-3.el7ost	RHEA-2017:3462
python-requestsexceptions	1.3.0-1.el7ost	RHEA-2017:3462
python-rfc3986	0.3.1-1.el7ost	RHEA-2017:3462
python-saharaclient	1.3.0-1.el7ost	RHEA-2017:3462
python-simplejson	3.5.3-6.el7ost	RHEA-2017:3462
python-stevedore	1.25.0-1.el7ost	RHEA-2017:3462
python-swiftclient	3.4.0-1.el7ost	RHEA-2017:3462
python-testtools	1.8.0-2.el7ost	RHEA-2017:3462
python-traceback2	1.4.0-2.el7ost	RHEA-2017:3462
python-ujson	1.35-1.el7ost	RHEA-2017:3462
python-unicodcsv	0.14.1-2.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-unittest2	1.0.1-1.el7ost	RHEA-2017:3462
python-urllib3	1.16-2.el7ost	RHEA-2017:3462
python-warlock	1.0.1-1.el7ost	RHEA-2017:3462
python-webob	1.7.2-1.el7ost	RHEA-2017:3462
python-wrapt	1.10.8-3.el7ost	RHEA-2017:3462
python-zaqarclient	1.7.0-1.el7ost	RHEA-2017:3462
python2-crypto	2.6.1-16.el7ost	RHEA-2017:3462
python2-pbr	3.1.1-1.el7ost	RHEA-2017:3462

3.7. RED HAT OPENSTACK PLATFORM 12 TOOLS FOR RHEL 7 WORKSTATION

The following table outlines the packages included in the `rhel1-7-workstation-openstack-12-tools-rpms` repository.

Table 3.7. Red Hat OpenStack Platform 12 Tools for RHEL 7 Workstation Packages

Name	Version	Advisory
babel	2.3.4-1.el7ost	RHEA-2017:3462
openshift-heat-templates	0.9.9-5.el7ost	RHEA-2017:3462
pyOpenSSL-doc	16.2.0-3.el7ost	RHEA-2017:3462
pyparsing	2.0.7-1.el7ost	RHEA-2017:3462
python-anyjson	0.3.3-7.1.el7ost	RHEA-2017:3462
python-aodhclient	0.9.0-1.el7ost	RHEA-2017:3462
python-appdirs	1.4.0-4.el7ost	RHEA-2017:3462
python-babel	2.3.4-1.el7ost	RHEA-2017:3462
python-barbicanclient	4.5.2-1.el7ost	RHEA-2017:3462
python-ceilometerclient	2.9.0-1.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-cinderclient	3.1.0-1.el7ost	RHEA-2017:3462
python-cliff	2.8.0-1.el7ost	RHEA-2017:3462
python-cmd2	0.6.8-8.el7ost	RHEA-2017:3462
python-contextlib2	0.4.0-2.el7ost	RHEA-2017:3462
python-debtcollector	1.17.1-1.el7ost	RHEA-2017:3462
python-deprecation	1.0-3.el7	RHEA-2017:3462
python-designateclient	2.7.0-1.el7ost	RHEA-2017:3462
python-dogpile-cache	0.6.2-1.el7ost	RHEA-2017:3462
python-dogpile-core	0.4.1-6.1.el7ost	RHEA-2017:3462
python-extras	0.0.3-8.el7ost	RHEA-2017:3462
python-fixtures	3.0.0-2.el7ost	RHEA-2017:3462
python-funcsigs	1.0.2-1.el7ost	RHEA-2017:3462
python-futures	3.0.3-1.el7ost	RHEA-2017:3462
python-futurist	1.3.0-1.el7ost	RHEA-2017:3462
python-glanceclient	2.8.0-1.el7ost	RHEA-2017:3462
python-gnocchiclient	3.3.1-1.el7ost	RHEA-2017:3462
python-heatclient	1.11.0-1.el7ost	RHEA-2017:3462
python-httplib2	0.9.2-1.el7ost	RHEA-2017:3462
python-ironicclient	1.17.0-1.el7ost	RHEA-2017:3462
python-iso8601	0.1.11-1.el7ost	RHEA-2017:3462
python-jsonpatch	1.2-4.el7	RHEA-2017:3462
python-jsonschema	2.4.0-3.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-keyring	5.7.1-1.el7ost	RHEA-2017:3462
python-keystoneauth1	3.1.0-1.el7ost	RHEA-2017:3462
python-keystoneclient	3.13.0-1.el7ost	RHEA-2017:3462
python-linecache2	1.0.0-1.el7ost	RHEA-2017:3462
python-manilaclient	1.17.2-1.el7ost	RHEA-2017:3462
python-mimeparse	0.1.4-6.el7ost	RHEA-2017:3462
python-monotonic	0.6-1.el7ost	RHEA-2017:3462
python-msgpack	0.4.6-5.el7ost	RHEA-2017:3462
python-netaddr	0.7.18-1.el7ost	RHEA-2017:3462
python-neutronclient	6.5.0-1.el7ost	RHEA-2017:3462
python-novaclient	9.1.1-1.el7ost	RHEA-2017:3462
python-openstackclient	3.12.0-1.el7ost	RHEA-2017:3462
python-openstackclient-lang	3.12.0-1.el7ost	RHEA-2017:3462
python-openstacksdk	0.9.17-1.el7ost	RHEA-2017:3462
python-os-client-config	1.28.0-1.el7ost	RHEA-2017:3462
python-osc-lib	1.7.0-1.el7ost	RHEA-2017:3462
python-oslo-config	4.11.1-1.el7ost	RHEA-2017:3462
python-oslo-context	2.17.0-1.el7ost	RHEA-2017:3462
python-oslo-i18n	3.17.0-1.el7ost	RHEA-2017:3462
python-oslo-i18n-lang	3.17.0-1.el7ost	RHEA-2017:3462
python-oslo-log	3.30.0-1.el7ost	RHEA-2017:3462
python-oslo-log-lang	3.30.0-1.el7ost	RHEA-2017:3462
python-oslo-serialization	2.20.0-1.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-oslo-utils	3.28.0-1.el7ost	RHEA-2017:3462
python-oslo-utils-lang	3.28.0-1.el7ost	RHEA-2017:3462
python-pankoclient	0.3.0-1.el7ost	RHEA-2017:3462
python-positional	1.1.1-2.el7ost	RHEA-2017:3462
python-prettytable	0.7.2-3.el7	RHEA-2017:3462
python-pyOpenSSL	16.2.0-3.el7ost	RHEA-2017:3462
python-pysocks	1.5.6-3.el7ost	RHEA-2017:3462
python-requests	2.11.1-1.el7ost	RHEA-2017:3462
python-requests-kerberos	0.8.0-3.el7ost	RHEA-2017:3462
python-requestsexceptions	1.3.0-1.el7ost	RHEA-2017:3462
python-rfc3986	0.3.1-1.el7ost	RHEA-2017:3462
python-saharaclient	1.3.0-1.el7ost	RHEA-2017:3462
python-simplejson	3.5.3-6.el7ost	RHEA-2017:3462
python-stevedore	1.25.0-1.el7ost	RHEA-2017:3462
python-swiftclient	3.4.0-1.el7ost	RHEA-2017:3462
python-testtools	1.8.0-2.el7ost	RHEA-2017:3462
python-traceback2	1.4.0-2.el7ost	RHEA-2017:3462
python-ujson	1.35-1.el7ost	RHEA-2017:3462
python-unicodedcsv	0.14.1-2.el7ost	RHEA-2017:3462
python-unittest2	1.0.1-1.el7ost	RHEA-2017:3462
python-urllib3	1.16-2.el7ost	RHEA-2017:3462
python-warlock	1.0.1-1.el7ost	RHEA-2017:3462
python-webob	1.7.2-1.el7ost	RHEA-2017:3462

Name	Version	Advisory
python-wrapt	1.10.8-3.el7ost	RHEA-2017:3462
python-zaqarclient	1.7.0-1.el7ost	RHEA-2017:3462
python2-crypto	2.6.1-16.el7ost	RHEA-2017:3462
python2-pbr	3.1.1-1.el7ost	RHEA-2017:3462