



Red Hat OpenStack Platform 8 Package Manifest

Package Listing for Red Hat OpenStack Platform 8

OpenStack Documentation Team Red Hat

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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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1. RELEASE SCHEDULE

The following table lists the dates of the Red Hat OpenStack Platform 8 GA, along with the dates of each subsequent asynchronous release for core components and the director:

Table 1. Red Hat OpenStack Platform 8 director release schedule

Release	Date
8.0.0 (General Availability)	April 20, 2016
Update	15 June, 2016
Update	13 July, 2016
Update	24 August, 2016
Update	31 August, 2016

Table 2. Red Hat OpenStack Platform 8 core component release schedule

Release	Date
8.0.0 (General Availability)	April 20, 2016
Update	12 May, 2016
Update	25 May, 2016
Update	15 June, 2016
Update	21 June, 2016
Update	29 June, 2016
Update	04 July, 2016
Update	13 July, 2016
Update	20 July, 2016
Update	17 August, 2016
Update	24 August, 2016

Release	Date
Update	31 August, 2016
Update	14 September, 2016
Update	10 October, 2016
Update	11 October, 2016
Update	18 October, 2016
Update	26 October, 2016
Update	07 November, 2016
Update	14 November, 2016

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.

2.1. Director Components

This section outlines the package licence and designation for director components.

Table 3. Director Package List

Package Name	License	Designation
Cython	Python	Non-core
docker-compose	ASL 2.0	Non-core
fio	GPLv2	Non-core

Package Name	License	Designation
instack	ASL 2.0	Core
instack-undercloud	ASL 2.0	Core
ipxe-roms-qemu	GPLv2 and BSD	Non-core
ipxe-bootimgs	GPLv2 and BSD	Non-core
openstack-ironic-inspector	ASL 2.0	Core
openstack-ironic-inspector-doc	ASL 2.0	Core
openstack-ironic-python-agent	ASL 2.0	Core
ironic-python-agent-doc	ASL 2.0	Core
openstack-tripleo	ASL 2.0	Core
openstack-tripleo-doc	ASL 2.0	Core
openstack-tripleo-common	ASL 2.0	Non-core
openstack-tripleo-heat-templates-kilo	ASL 2.0	Core
openstack-tripleo-heat-templates	ASL 2.0	Core
openstack-tripleo-image-elements	ASL 2.0	Non-core
openstack-tripleo-puppet-elements	ASL 2.0	Non-core
openwsman-python	BSD	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
python-dockerpty	ASL 2.0	Non-core
python-docopt	MIT	Non-core
python-dpath	MIT	Non-core

Package Name	License	Designation
python-dracclient	ASL 2.0	Non-core
python-flask-babel	BSD	Non-core
python-hardware-detect	ASL 2.0	Non-core
python-hardware	ASL 2.0	Non-core
python-ironic-inspector-client	ASL 2.0	Core
python-proliantutils	ASL 2.0	Non-core
python-ptyprocess	ISC	Non-core
python-texttable	LGPLv2+	Non-core
python-tripleoclient	ASL 2.0	Core
rhosp-director-images	AFL and BSD and (BSD or GPLv2+) and BSD with advertising and Boost and GFDL and GPL and GPL+ and (GPL+ or Artistic) and GPLv1+ and GPLv2 and (GPLv2 or BSD) and (GPLv2 or GPLv3) and GPLv2 with exceptions and GPLv2+ and (GPLv2+ or AFL) and GPLv2+ with exceptions and GPLv3 and GPLv3+ and GPLv3+ with exceptions and IJG and ISC and LGPLv2 and LGPLv2+ and (LGPLv2+ or BSD) and (LGPLv2+ or MIT) and LGPLv2+ with exceptions and LGPLv2/GPLv2 and LGPLv3 and LGPLv3+ and MIT and (MIT or LGPLv2+ or BSD) and (MPLv1.1 or GPLv2+ or LGPLv2+) and Open Publication and OpenLDAP and OpenSSL and Public Domain and Python and (Python or ZPLv2.0) and Rdisc and Redistributable; no modification permitted and SSISSL and Vim and zlib	Core

Package Name	License	Designation
rhosp-director-images-ipa	AFL and BSD and (BSD or GPLv2+) and BSD with advertising and Boost and GFDL and GPL and GPL+ and (GPL+ or Artistic) and GPLv1+ and GPLv2 and (GPLv2 or BSD) and (GPLv2 or GPLv3) and GPLv2 with exceptions and GPLv2+ and (GPLv2+ or AFL) and GPLv2+ with exceptions and GPLv3 and GPLv3+ and GPLv3+ with exceptions and IJG and ISC and LGPLv2 and LGPLv2+ and (LGPLv2+ or BSD) and (LGPLv2+ or MIT) and LGPLv2+ with exceptions and LGPLv2/GPLv2 and LGPLv3 and LGPLv3+ and MIT and (MIT or LGPLv2+ or BSD) and (MPLv1.1 or GPLv2+ or LGPLv2+) and Open Publication and OpenLDAP and OpenSSL and Public Domain and Python and (Python or ZPLv2.0) and Rdisc and Redistributable; no modification permitted and SISSL and Vim and zlib	Core
sysbench	GPLv2+	Non-core

2.2. Core Components

This section outlines the package licence and designation for core components.

Table 4. Core Package List

Package Name	License	Designation
python-babel	BSD	Non-core
cloud-utils-growpart	GPLv3	Non-core
crudini	GPLv2	Non-core
dib-utils	ASL 2.0	Non-core
dibbler-relay	GPLv2	technology preview
dibbler-requestor	GPLv2	technology preview

Package Name	License	Designation
dibbler-server	GPLv2	technology preview
dibbler-client	GPLv2	technology preview
diskimage-builder	ASL 2.0	Non-core
dnsmasq-utils	GPLv2	Non-core
erlang-inets	ERPL	Non-core
erlang-cosProperty	ERPL	Non-core
erlang-hipe	ERPL	Non-core
erlang-syntax_tools	ERPL	Non-core
erlang-snmp	ERPL	Non-core
erlang-percept	ERPL	Non-core
erlang-cosFileTransfer	ERPL	Non-core
erlang-xmerl	ERPL	Non-core
erlang-cosTime	ERPL	Non-core
erlang-sasl	ERPL	Non-core
erlang-edoc	ERPL	Non-core
erlang-kernel	ERPL	Non-core
erlang-odbc	ERPL	Non-core
erlang-compiler	ERPL	Non-core
erlang-cosEvent	ERPL	Non-core
erlang-eunit	ERPL	Non-core
erlang-asn1	ERPL	Non-core
erlang-otp_mibs	ERPL	Non-core
erlang	ERPL	Non-core
erlang-public_key	ERPL	Non-core

Package Name	License	Designation
erlang-erl_interface	ERPL	Non-core
erlang-ssh	ERPL	Non-core
erlang-eldap	ERPL	Non-core
erlang-mnesia	ERPL	Non-core
erlang-crypto	ERPL	Non-core
erlang-runtime_tools	ERPL	Non-core
erlang-parsetools	ERPL	Non-core
erlang-stdlib	ERPL	Non-core
erlang-diameter	ERPL	Non-core
erlang-erts	ERPL	Non-core
erlang-cosTransactions	ERPL	Non-core
erlang-cosNotification	ERPL	Non-core
erlang-ssl	ERPL	Non-core
erlang-os_mon	ERPL	Non-core
erlang-erl_docgen	ERPL	Non-core
erlang-tools	ERPL	Non-core
erlang-cosEventDomain	ERPL	Non-core
erlang-orber	ERPL	Non-core
erlang-reltool	ERPL	Non-core
erlang-sd_notify	MIT	Non-core
facter	ASL 2.0	Non-core
fontawesome-fonts-web	OFL ; MIT	Non-core
fontawesome-fonts	OFL ; MIT	Non-core
galera	GPLv2	Non-core

Package Name	License	Designation
hdf5	BSD	Non-core
heat-cfnutils	ASL 2.0	Core
hiera	ASL 2.0	Non-core
ipmitool	BSD	Non-core
jq	MIT and ASL 2.0 and CC-BY and GPLv3	Non-core
liberasurecode	BSD and CRC32	Non-core
libstemmer	BSD	Non-core
libxslt-python	MIT	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
mongodb-server	AGPLv3 and zlib and ASL 2.0	Non-core
mongodb	AGPLv3 and zlib and ASL 2.0	Non-core
novnc	GPLv3	Core
opendaylight	EPL-1.0	technology preview
openstack-aodh-evaluator	ASL 2.0	technology preview
python-aodh	ASL 2.0	technology preview
openstack-aodh-common	ASL 2.0	technology preview
openstack-aodh-api	ASL 2.0	technology preview
openstack-aodh-expirer	ASL 2.0	technology preview
openstack-aodh-listener	ASL 2.0	technology preview
openstack-aodh-notifier	ASL 2.0	technology preview
openstack-aodh-compatible	ASL 2.0	technology preview

Package Name	License	Designation
python-ceilometer	ASL 2.0	Core
openstack-ceilometer-collector	ASL 2.0	Core
openstack-ceilometer-common	ASL 2.0	Core
openstack-ceilometer-ipmi	ASL 2.0	Core
openstack-ceilometer-notification	ASL 2.0	Core
openstack-ceilometer-api	ASL 2.0	Core
openstack-ceilometer-alarm	ASL 2.0	Core
openstack-ceilometer-polling	ASL 2.0	Core
openstack-ceilometer-central	ASL 2.0	Core
openstack-ceilometer-compute	ASL 2.0	Core
python-cinder	ASL 2.0	Core
openstack-cinder	ASL 2.0	Core
openstack-designate-mdns	ASL 2.0	technology preview
openstack-designate-central	ASL 2.0	technology preview
openstack-designate-api	ASL 2.0	technology preview
openstack-designate-pool-manager	ASL 2.0	technology preview
openstack-designate-agent	ASL 2.0	technology preview
python-designate	ASL 2.0	technology preview
openstack-designate-common	ASL 2.0	technology preview
openstack-designate-sink	ASL 2.0	technology preview
openstack-designate-zone-manager	ASL 2.0	technology preview
openstack-glance	ASL 2.0	Core
python-glance	ASL 2.0	Core
openstack-gnocchi-common	APL 2.0	technology preview

Package Name	License	Designation
openstack-gnocchi-indexer-sqlalchemy	APL 2.0	technology preview
openstack-gnocchi-carbonara	APL 2.0	technology preview
openstack-gnocchi-metricd	APL 2.0	technology preview
openstack-gnocchi-statsd	APL 2.0	technology preview
openstack-gnocchi-api	APL 2.0	technology preview
python-gnocchi	APL 2.0	technology preview
openstack-heat-api-cloudwatch	ASL 2.0	Core
openstack-heat-api-cfn	ASL 2.0	Core
openstack-heat-api	ASL 2.0	Core
openstack-heat-common	ASL 2.0	Core
openstack-heat-engine	ASL 2.0	Core
openstack-heat-templates	ASL 2.0	Core
openstack-ironic-common	ASL 2.0	Core
openstack-ironic-api	ASL 2.0	Core
openstack-ironic-conductor	ASL 2.0	Core
python-keystone	ASL 2.0	Core
openstack-keystone	ASL 2.0	Core
python-manila	ASL 2.0	technology preview
openstack-manila	ASL 2.0	technology preview
openstack-manila-share	ASL 2.0	technology preview
openstack-manila-ui	ASL 2.0	technology preview
openstack-neutron-bigswitch	ASL 2.0	Core
openstack-neutron-openvswitch	ASL 2.0	Core
openstack-neutron-midonet	ASL 2.0	Core

Package Name	License	Designation
openstack-neutron-mellanox	ASL 2.0	Core
openstack-neutron	ASL 2.0	Core
openstack-neutron-metering-agent	ASL 2.0	Core
openstack-neutron-nuage	ASL 2.0	Core
openstack-neutron-cisco	ASL 2.0	Core
openstack-neutron-oneconvergence-nvsd	ASL 2.0	Core
openstack-neutron-ml2	ASL 2.0	Core
openstack-neutron-brocade	ASL 2.0	Core
openstack-neutron-rpc-server	ASL 2.0	Core
openstack-neutron-dev-server	ASL 2.0	Core
openstack-neutron-linuxbridge	ASL 2.0	Core
openstack-neutron-common	ASL 2.0	Core
openstack-neutron-sriov-nic-agent	ASL 2.0	Core
openstack-neutron-opencontrail	ASL 2.0	Core
python-neutron	ASL 2.0	Core
openstack-neutron-embrane	ASL 2.0	Core
openstack-neutron-ovsvapp	ASL 2.0	Core
python-neutron-tests	ASL 2.0	Core
openstack-neutron-ofagent	ASL 2.0	Core
openstack-neutron-fwaas	ASL 2.0	technology preview
python-neutron-fwaas	ASL 2.0	technology preview
python-neutron-fwaas-tests	ASL 2.0	technology preview
openstack-neutron-lbaas	ASL 2.0	Core
python-neutron-lbaas-tests	ASL 2.0	Core

Package Name	License	Designation
python-neutron-lbaas	ASL 2.0	Core
openstack-neutron-vpnaas	ASL 2.0	technology preview
python-neutron-vpnaas	ASL 2.0	technology preview
python-neutron-vpnaas-tests	ASL 2.0	technology preview
openstack-nova-scheduler	ASL 2.0	Core
openstack-nova-api	ASL 2.0	Core
openstack-nova-spicehtml5proxy	ASL 2.0	Core
openstack-nova-cert	ASL 2.0	Core
openstack-nova-cells	ASL 2.0	Core
openstack-nova-serialproxy	ASL 2.0	Core
openstack-nova	ASL 2.0	Core
openstack-nova-console	ASL 2.0	Core
openstack-nova-common	ASL 2.0	Core
openstack-nova-conductor	ASL 2.0	Core
openstack-nova-compute	ASL 2.0	Core
python-nova	ASL 2.0	Core
openstack-nova-network	ASL 2.0	Core
openstack-nova-novncproxy	ASL 2.0	Core
openstack-nova-objectstore	ASL 2.0	Core
openstack-packstack	ASL 2.0 and GPLv2	Core
openstack-packstack-puppet	ASL 2.0 and GPLv2	Core
openstack-puppet-modules	ASL 2.0 and GPLv2 and GPLv3	Non-core
openstack-rally	ASL 2.0	technology preview
openstack-sahara-common	ASL 2.0	Core

Package Name	License	Designation
openstack-sahara	ASL 2.0	Core
python-sahara	ASL 2.0	Core
openstack-sahara-engine	ASL 2.0	Core
openstack-sahara-api	ASL 2.0	Core
python-sahara-tests	ASL 2.0	Core
openstack-selinux	GPLv2	Core
openstack-swift-proxy	ASL 2.0	Core
openstack-swift-object	ASL 2.0	Core
openstack-swift-account	ASL 2.0	Core
openstack-swift	ASL 2.0	Core
openstack-swift-container	ASL 2.0	Core
openstack-swift-plugin-swift3	ASL 2.0	Non-core
openstack-tempest	ASL 2.0	Core
openstack-trove-conductor	ASL 2.0	technology preview
openstack-trove	ASL 2.0	technology preview
openstack-trove-api	ASL 2.0	technology preview
openstack-trove-taskmanager	ASL 2.0	technology preview
openstack-trove-common	ASL 2.0	technology preview
openstack-trove-images	ASL 2.0	technology preview
python-trove	ASL 2.0	technology preview
openstack-trove-guestagent	ASL 2.0	technology preview
openstack-utils	ASL 2.0	Non-core
openstack-zaqar	ASL 2.0	technology preview
python-openvswitch	ASL 2.0 and LGPLv2+ and SISSL	Non-core

Package Name	License	Designation
openvswitch	ASL 2.0 and LGPLv2+ and SISSL	Non-core
openvswitch-dpdk	ASL 2.0 and LGPLv2+ and SISSL	technology preview
oz	LGPLv2	Non-core
plotnetcfg	GPLv2+	Non-core
puppet	ASL 2.0	Non-core
puppet-server	ASL 2.0	Non-core
pyarsing	MIT	Non-core
pysendfile	MIT	Non-core
pysnmp	BSD	Non-core
pystache	MIT	Non-core
python-Bottleneck	BSD	Non-core
python-PyMySQL	MIT	Non-core
python-UcsSdk	ASL 2.0	Non-core
python-XStatic	MIT	Non-core
python-XStatic-Angular	MIT	Non-core
python-XStatic-Angular-Bootstrap	MIT	Non-core
python-XStatic-Angular-Gettext	MIT	Non-core
python-XStatic-Angular-Mock	MIT	Non-core
python-XStatic-Angular-Irdragndrop	MIT	Non-core
python-XStatic-Bootstrap-Datepicker	ASL 2.0	Non-core
python-XStatic-Bootstrap-SCSS	MIT	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

Package Name	License	Designation
python-XStatic-JQuery-Migrate	MIT	Non-core
python-XStatic-JQuery-TableSorter	MIT	Non-core
python-XStatic-JQuery-quicksearch	MIT	Non-core
python-XStatic-JSEncrypt	MIT	Non-core
python-XStatic-Jasmine	MIT	Non-core
python-XStatic-Magic-Search	ASL 2.0	Non-core
python-XStatic-QUnit	MIT	Non-core
python-XStatic-Rickshaw	MIT	Non-core
python-XStatic-Spin	MIT	Non-core
python-XStatic-bootstrap	MIT	Non-core
bootstrap-common	MIT	Non-core
bootstrap-fonts	MIT	Non-core
python-XStatic-jQuery	MIT	Non-core
python-XStatic-jquery-ui	CCO	Non-core
python-XStatic-mdi	OFL	Non-core
mdi-fonts	OFL	Non-core
mdi-common	OFL	Non-core
roboto-fontface-fonts	ASL 2.0	Non-core
python-XStatic-roboto-fontface	ASL 2.0	Non-core
roboto-fontface-common	ASL 2.0	Non-core
python-XStatic-smart-table	MIT	Non-core
python-XStatic-termjs	MIT	Non-core
python-alembic	MIT	Non-core
python-amqp	LGPLv2+	Non-core

Package Name	License	Designation
python-amqplib	LGPLv2+	Non-core
python-anyjson	BSD	Non-core
python-appdirs	MIT	Non-core
python-automaton	ASL 2.0	Non-core
python-barbicanclient	ASL 2.0	Non-core
python-boto	MIT	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-cffi	MIT	Non-core
python-cheetah	MIT	Non-core
python-cinderclient	ASL 2.0	Core
python-cliff	ASL 2.0	Non-core
python-cliff-tablib	ASL 2.0	Non-core
python-cmd2	MIT	Non-core
python-contextlib2	Python	Non-core
python-croniter	MIT	Non-core
python-crypto	Public Domain and Python	Non-core
python-cryptography	ASL 2.0 or BSD	Non-core
python-debtcollector	ASL 2.0	Non-core
python-designateclient	ASL 2.0	technology preview
python-django-bash-completion	BSD	Non-core
python-django	BSD	Non-core

Package Name	License	Designation
python-django-appconf	BSD	Non-core
python-django-compressor	MIT	Non-core
openstack-dashboard-theme	ASL 2.0 and BSD	Core
python-django-horizon	ASL 2.0 and BSD	Core
openstack-dashboard	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-ecdsa	MIT	Non-core
python-elasticsearch	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-futures	BSD	Non-core
python-futurist	ASL 2.0	Non-core
python-glance-store	ASL 2.0	Non-core
python-glanceclient	ASL 2.0	Core
python-gnocchiclient	ASL 2.0	technology preview
python-heatclient	ASL 2.0	Core
python-httplib2	MIT	Non-core

Package Name	License	Designation
python-idna	BSD and Python and Unicode	Non-core
python-ipaddress	Python	Non-core
python-ironicclient	ASL 2.0	Core
python-iso8601	MIT	Non-core
python-jsonpatch	BSD	Non-core
python-jsonpath-rw	ASL 2.0	Non-core
python-jsonpath-rw-ext	ASL 2.0	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	Non-core
python-keyring	MIT and Python	Non-core
python-keystoneauth1	ASL 2.0	Non-core
python-keystoneclient	ASL 2.0	Core
python-keystoneclient-kerberos	ASL 2.0	Core
python-keystonemiddleware	ASL 2.0	Core
python-kombu	BSD and Python	Non-core
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

Package Name	License	Designation
python-manilaclient	ASL 2.0	technology preview
python-markdown	BSD	Non-core
python-memcached	Python	Non-core
python-migrate	MIT	Non-core
python-mimeparse	MIT	Non-core
python-mock	BSD	Non-core
python-monotonic	ASL 2.0	Non-core
python-msgpack	ASL 2.0	Non-core
python-ncclient	ASL 2.0	Non-core
python-netaddr	BSD	Non-core
python-netifaces	MIT	Non-core
python-networking-bigswitch	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-cisco	ASL 2.0	Non-core
python-networking-odl	ASL 2.0	technology preview
python-networking-vmware-nsx	ASL 2.0	Non-core
python-networkx-Core	BSD	Non-core
python-networkx	BSD	Non-core
python-neutronclient	ASL 2.0	Core
python-novaclient	ASL 2.0	Core
python-numexpr	MIT	Non-core
python-oauthlib	BSD	Non-core
python-openstackclient	ASL 2.0	Core

Package Name	License	Designation
python-os-brick	ASL 2.0	Non-core
python-os-client-config	ASL 2.0	Non-core
python-os-testr	ASL 2.0	Non-core
python-oslo-cache	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-db	ASL 2.0	Non-core
python-oslo-i18n	ASL 2.0	Non-core
python-oslo-log	ASL 2.0	Non-core
python-oslo-messaging	ASL 2.0	Non-core
python-oslo-middleware	ASL 2.0	Non-core
python-oslo-policy	ASL 2.0	Non-core
python-oslo-reports	ASL 2.0	Non-core
python-oslo-rootwrap	ASL 2.0	Non-core
python-oslo-serialization	ASL 2.0	Non-core
python-oslo-service	ASL 2.0	Non-core
python-oslo-sphinx	ASL 2.0	Non-core
python-oslo-utils	ASL 2.0	Non-core
python-oslo-versionedobjects	ASL 2.0	Non-core
python-oslo-vmware	ASL 2.0	Non-core
python-osprofiler	ASL 2.0	Non-core
python-pandas	BSD	Non-core
python-paramiko	LGPLv2+	Non-core

Package Name	License	Designation
python-passlib	BSD and Beerware and Copyright only	Non-core
python-paste-deploy	MIT	Non-core
python-pathlib	MIT	Non-core
python-pbr	ASL 2.0	Non-core
python-pecan	BSD	Non-core
python-pint	BSD	Non-core
python-posix_ipc	BSD	Non-core
python-prettytable	BSD	Non-core
python-psutil	BSD	Non-core
python-pyasn1	BSD	Non-core
python-pyasn1-modules	BSD	Non-core
python-pycadf	ASL 2.0	Non-core
python-pyeclib	BSD	Non-core
python-pyghmi	ASL 2.0	Non-core
python-pygments	BSD	Non-core
python-pymemcache	ASL 2.0	Non-core
python-pymongo-gridfs	ASL 2.0 and MIT	Non-core
python-bson	ASL 2.0 and MIT	Non-core
python-pymongo	ASL 2.0 and MIT	Non-core
python-pysaml2	ASL 2.0	Non-core
python-pytimeparse	MIT	Non-core
python-qpidd	ASL 2.0	Non-core
python-redis	MIT	Non-core
python-repoze-lru	BSD	Non-core

Package Name	License	Designation
python-repoze-who	BSD	Non-core
python-requests	ASL 2.0	Non-core
python-requests-kerberos	MIT	Non-core
python-requests-oauthlib	ISC	Non-core
python-retrying	ASL 2.0	Non-core
python-rfc3986	ASL 2.0	Non-core
python-routes	BSD	Non-core
python-ryu	Apache-2.0	technology preview
python-saharaclient	ASL 2.0	Core
python-scciclient	ASL 2.0	Non-core
python-scss	MIT	Non-core
python-semantic_version	BSD	Non-core
python-simplegeneric	Python or ZPLv2.1	Non-core
python-simplejson	(MIT or AFL) and (MIT or GPLv2)	Non-core
python-singledispatch	MIT	Non-core
python-speaklater	BSD	Non-core
python-sphinx	BSD and Public Domain and Python and (MIT or GPLv2)	Non-core
python-sqlalchemy	MIT	Non-core
python-sqlalchemy-utils	BSD	Non-core
python-sqlite3dbm	ASL 2.0	Non-core
python-sqlparse	BSD	Non-core
python-stevedore	ASL 2.0	Non-core
python-swiftclient	ASL 2.0	Non-core
python-sysv_ipc	GPLv3+	Non-core

Package Name	License	Designation
python-tables	BSD	Non-core
python-tablib	MIT	Non-core
python-taskflow	ASL 2.0	Non-core
python-tempest-lib	ASL 2.0	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-tooaz	ASL 2.0	Non-core
python-traceback2	Python	Non-core
python-trollius	ASL 2.0	Non-core
python-troveclient	ASL 2.0	technology preview
python-unicodcsv	BSD	Non-core
python-unittest2	BSD	Non-core
python-urllib3	MIT	Non-core
python-versiontools	LGPLv3	Non-core
python-voluptuous	BSD	Non-core
python-warlock	ASL 2.0	Non-core
python-webob	MIT	Non-core
python-websockify	LGPLv3	Non-core
python-webtest	MIT	Non-core
python-wrapt	BSD	Non-core
python-wsme	MIT	Non-core
python-zaqarclient	ASL 2.0	Non-core

Package Name	License	Designation
python-zope-interface	ZPLv2.1	Non-core
qemu-kvm-rhev	GPLv2+ and LGPLv2+ and BSD	Non-core
libcacard-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
libcacard-tools-rhev	GPLv2+ and LGPLv2+ and BSD	Non-core
qemu-kvm-common-rhev	GPLv2+ and LGPLv2+ and BSD	Non-core
qpidd-cpp-server	ASL 2.0 ; LGPL 2.1+	Non-core
qpidd-cpp-server-ha	ASL 2.0 ; LGPL 2.1+	Non-core
qpidd-cpp-client	ASL 2.0 ; LGPL 2.1+	Non-core
python-qpidd-proton	ASL 2.0	Non-core
qpidd-proton-c	ASL 2.0	Non-core
python-qpidd-qmf	ASL 2.0	Non-core
qpidd-qmf	ASL 2.0	Non-core
qpidd-tools	ASL 2.0	Non-core
rabbitmq-server	MPLv1.1	Non-core
redis	BSD	Non-core
ruby-augeas	LGPLv2+	Non-core
ruby-shadow	Public Domain	Non-core
rubygem-rgen	MIT	Non-core
sahara-image-elements	ASL 2.0	Core
saslwrapper	ASL 2.0	Non-core
python-saslwrapper	ASL 2.0	Non-core
sos	GPLv2+	Core

Package Name	License	Designation
subunit-filters	ASL 2.0 or BSD	Non-core
python-subunit	ASL 2.0 or BSD	Non-core
subunit	ASL 2.0 or BSD	Non-core
v8	BSD	Non-core
web-assets-filesystem	MIT ; Public Domain	Non-core
yaml-cpp	MIT	Non-core

2.3. Operational Tools Components

This section outlines the package licence and designation for director components.

Table 5. Operational Tools Package List

Package Name	License	Designation
collectd-rrdtool	GPLv2	technology preview
collectd-ipmi	GPLv2	technology preview
collectd-iptables	GPLv2	technology preview
collectd-amqp	GPLv2	technology preview
perl-Collectd	GPLv2	technology preview
collectd-ipvs	GPLv2	technology preview
collectd-apache	GPLv2	technology preview
collectd	GPLv2	technology preview
collectd-virt	GPLv2	technology preview
collectd-dbi	GPLv2	technology preview
collectd-rrdcached	GPLv2	technology preview
collectd-mysql	GPLv2	technology preview
collectd-lvm	GPLv2	technology preview

Package Name	License	Designation
collectd-generic-jmx	GPLv2	technology preview
collectd-ping	GPLv2	technology preview
collectd-sensors	GPLv2	technology preview
collectd-curl_xml	GPLv2	technology preview
collectd-dns	GPLv2	technology preview
collectd-curl_json	GPLv2	technology preview
collectd-write_riemann	GPLv2	technology preview
collectd-java	GPLv2	technology preview
collectd-snmp	GPLv2	technology preview
collectd-netlink	GPLv2	technology preview
collectd-curl	GPLv2	technology preview
elasticsearch	ASL 2.0	technology preview
fluentd	ASL 2.0	technology preview
golang	BSD	technology preview
golang-pkg-linux-amd64	BSD	technology preview
golang-pkg-bin-linux-amd64	BSD	technology preview
golang-src	BSD	technology preview
grafana	ASL 2.0	technology preview
graphite-web	ASL 2.0	technology preview
kibana	ASL 2.0	technology preview
liboping	GPLv2	technology preview
librabbitmq	MIT	technology preview
lucene	ASL 2.0	technology preview
lucene-contrib	ASL 2.0	technology preview

Package Name	License	Designation
osops-tools-monitoring-oschecks	ASL 2.0	technology preview
perl-Config-General	GPL+ or Artistic	technology preview
perl-Regexp-Common	Artistic 2.0 or MIT or BSD	technology preview
phantomjs	BSD	technology preview
protobuf	BSD	technology preview
protobuf-compiler	BSD	technology preview
pyserial	Python	technology preview
python-carbon	ASL 2.0	technology preview
python-django-bash-completion	BSD	technology preview
python-django	BSD	technology preview
python-django-tagging	MIT	technology preview
python-simplejson	(MIT or AFL) and (MIT or GPLv2)	technology preview
python-twisted-Core	MIT	technology preview
python-whisper	ASL 2.0	technology preview
python-zope-interface	ZPLv2.1	technology preview
redis	BSD	technology preview
rubygem-amqp	Ruby	technology preview
rubygem-amq-protocol	MIT	technology preview
rubygem-async_sinatra	MIT	technology preview
rubygem-bacon	MIT	technology preview
rubygem-childprocess	MIT	technology preview
rubygem-cool.io	MIT	technology preview
rubygem-daemons	MIT and (GPLv2+ or Ruby)	technology preview
rubygem-diff-lcs	GPLv2+ or Ruby or Artistic	technology preview

Package Name	License	Designation
rubygem-elasticsearch	ASL 2.0	technology preview
rubygem-elasticsearch-api	ASL 2.0	technology preview
rubygem-elasticsearch-transport	ASL 2.0	technology preview
rubygem-em-redis-unified	MIT	technology preview
rubygem-em-worker	MIT	technology preview
rubygem-eventmachine	GPLv2 or Ruby	technology preview
rubygem-faraday	MIT	technology preview
rubygem-ffi	BSD	technology preview
rubygem-fluent-plugin-add	MIT	technology preview
rubygem-fluent-plugin-elasticsearch	MIT	technology preview
rubygem-http_parser.rb	MIT	technology preview
rubygem-json_pure	GPLv2 or Ruby	technology preview
rubygem-msgpack	ASL 2.0	technology preview
rubygem-multi_json	MIT	technology preview
rubygem-multipart-post	MIT	technology preview
rubygem-patron	MIT	technology preview
rubygem-rack	MIT and (Ruby or BSD)	technology preview
rubygem-rack-protection	MIT	technology preview
rubygem-rack-test	MIT	technology preview
rubygem-sensu-em	Ruby and GPLv2	technology preview
rubygem-sensu-extension	MIT	technology preview
rubygem-sensu-extensions	MIT	technology preview
rubygem-sensu-logger	MIT	technology preview
rubygem-sensu-plugin	MIT	technology preview

Package Name	License	Designation
rubygem-sensu-settings	MIT	technology preview
rubygem-sensu-spawn	MIT	technology preview
rubygem-sensu-transport	MIT	technology preview
rubygem-sigdump	MIT	technology preview
rubygem-sinatra	MIT	technology preview
rubygem-string-scrub	MIT	technology preview
rubygem-test-unit	(GPLv2 or Ruby) and (GPLv2 or Ruby or Python) and (LGPLv2+ or Ruby)	technology preview
rubygem-thin	(GPLv2 or Ruby) and MIT	technology preview
rubygem-thread_safe	ASL 2.0 and Public Domain	technology preview
rubygem-tilt	MIT	technology preview
rubygem-tzinfo	MIT	technology preview
rubygem-tzinfo-data	MIT	technology preview
rubygem-uuidtools	ASL 2.0	technology preview
rubygem-yajl-ruby	MIT	technology preview
sensu	MIT	technology preview
uchiwa	MIT	technology preview

3. RED HAT OPENSTACK PLATFORM 8.0

This section outlines the packages shipped in each channel released with the general availability of Red Hat OpenStack Platform 8.0.0.

3.1. Red Hat OpenStack Platform 8.0 Packages

The following table outlines the packages included in the **rhe1-7-server-openstack-8-rpms** channel.

Table 6. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
bootswatch-common	3.3.5.3-2.1.el7ost	RHEA-2016:0603
bootswatch-fonts	3.3.5.3-2.1.el7ost	RHEA-2016:0603
cloud-utils-growpart	0.27-13.el7	RHEA-2016:0603
crudini	0.7-2.el7ost	RHEA-2016:0603
dib-utils	0.0.9-1.el7ost	RHEA-2016:0603
dibbler-client	1.0.1-0.RC1.2.el7ost	RHEA-2016:0603
dibbler-relay	1.0.1-0.RC1.2.el7ost	RHEA-2016:0603
dibbler-requestor	1.0.1-0.RC1.2.el7ost	RHEA-2016:0603
dibbler-server	1.0.1-0.RC1.2.el7ost	RHEA-2016:0603
diskimage-builder	1.11.1-1.el7ost	RHEA-2016:0603
dnsmasq-utils	2.66-14.el7_1	RHEA-2016:0603
erlang	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-asn1	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-compiler	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-cosEvent	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-cosEventDomain	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-cosFileTransfer	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-cosNotification	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-cosProperty	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-cosTime	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-cosTransactions	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-crypto	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-diameter	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-edoc	R16B-03.10min.8.el7ost	RHEA-2016:0603

Name	Version	Advisory
erlang-eldap	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-erl_docgen	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-erl_interface	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-erts	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-eunit	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-hipe	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-inets	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-kernel	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-mnesia	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-odbc	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-orber	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-os_mon	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-otp_mibs	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-parsetools	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-percept	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-public_key	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-reltool	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-runtime_tools	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-sasl	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-sd_notify	0.1-2.el7ost	RHEA-2016:0603
erlang-snmp	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-ssh	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-ssl	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-stdlib	R16B-03.10min.8.el7ost	RHEA-2016:0603

Name	Version	Advisory
erlang-syntax_tools	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-tools	R16B-03.10min.8.el7ost	RHEA-2016:0603
erlang-xmerl	R16B-03.10min.8.el7ost	RHEA-2016:0603
facter	2.4.3-3.el7	RHEA-2016:0603
fontawesome-fonts	4.1.0-2.el7ost	RHEA-2016:0603
fontawesome-fonts-web	4.1.0-2.el7ost	RHEA-2016:0603
galera	25.3.5-7.el7ost	RHEA-2016:0603
hdf5	1.8.13-7.el7ost	RHEA-2016:0603
heat-cfntools	1.2.8-2.el7	RHEA-2016:0603
hiera	1.3.4-1.el7	RHEA-2016:0603
ipmitool	1.8.15-0.1.el7ost	RHEA-2016:0603
jq	1.3-2.el7ost	RHEA-2016:0603
libcacard-rhev	2.3.0-31.el7_2.7	RHEA-2016:0603
libcacard-tools-rhev	2.3.0-31.el7_2.7	RHEA-2016:0603
liberasurecode	1.1.0-1.el7ost	RHEA-2016:0603
libstemmer	0-2.585svn.el7ost	RHEA-2016:0603
libxslt-python	1.1.28-5.el7	RHEA-2016:0603
mariadb-galera-common	5.5.42-1.el7ost	RHEA-2016:0603
mariadb-galera-server	5.5.42-1.el7ost	RHEA-2016:0603
mdi-common	1.1.70.1-2.1.el7ost	RHEA-2016:0603
mdi-fonts	1.1.70.1-2.1.el7ost	RHEA-2016:0603
memcached	1.4.15-9.1.el7ost	RHEA-2016:0603
mongodb	2.6.11-1.el7ost	RHEA-2016:0603
mongodb-server	2.6.11-1.el7ost	RHEA-2016:0603

Name	Version	Advisory
novnc	0.5.1-2.el7ost	RHEA-2016:0603
opendaylight	1.0.0-2.el7ost	RHEA-2016:0603
openstack-aodh-api	1.1.2-1.el7ost	RHEA-2016:0603
openstack-aodh-common	1.1.2-1.el7ost	RHEA-2016:0603
openstack-aodh-compatible	1.1.2-1.el7ost	RHEA-2016:0603
openstack-aodh-evaluator	1.1.2-1.el7ost	RHEA-2016:0603
openstack-aodh-expirer	1.1.2-1.el7ost	RHEA-2016:0603
openstack-aodh-listener	1.1.2-1.el7ost	RHEA-2016:0603
openstack-aodh-notifier	1.1.2-1.el7ost	RHEA-2016:0603
openstack-ceilometer-alarm	5.0.2-2.el7ost	RHEA-2016:0603
openstack-ceilometer-api	5.0.2-2.el7ost	RHEA-2016:0603
openstack-ceilometer-central	5.0.2-2.el7ost	RHEA-2016:0603
openstack-ceilometer-collector	5.0.2-2.el7ost	RHEA-2016:0603
openstack-ceilometer-common	5.0.2-2.el7ost	RHEA-2016:0603
openstack-ceilometer-compute	5.0.2-2.el7ost	RHEA-2016:0603
openstack-ceilometer-ipmi	5.0.2-2.el7ost	RHEA-2016:0603
openstack-ceilometer-notification	5.0.2-2.el7ost	RHEA-2016:0603
openstack-ceilometer-polling	5.0.2-2.el7ost	RHEA-2016:0603
openstack-cinder	7.0.1-8.el7ost	RHEA-2016:0603
openstack-dashboard	8.0.1-2.el7ost	RHEA-2016:0603
openstack-dashboard-theme	8.0.1-2.el7ost	RHEA-2016:0603
openstack-designate-agent	1.0.0-0.2.0b3.el7ost	RHEA-2016:0603
openstack-designate-api	1.0.0-0.2.0b3.el7ost	RHEA-2016:0603
openstack-designate-central	1.0.0-0.2.0b3.el7ost	RHEA-2016:0603

Name	Version	Advisory
openstack-designate-common	1.0.0-0.2.0b3.el7ost	RHEA-2016:0603
openstack-designate-mdns	1.0.0-0.2.0b3.el7ost	RHEA-2016:0603
openstack-designate-pool-manager	1.0.0-0.2.0b3.el7ost	RHEA-2016:0603
openstack-designate-sink	1.0.0-0.2.0b3.el7ost	RHEA-2016:0603
openstack-designate-zone-manager	1.0.0-0.2.0b3.el7ost	RHEA-2016:0603
openstack-glance	11.0.1-4.el7ost	RHEA-2016:0603
openstack-gnocchi-api	1.3.4-1.el7ost	RHEA-2016:0603
openstack-gnocchi-carbonara	1.3.4-1.el7ost	RHEA-2016:0603
openstack-gnocchi-common	1.3.4-1.el7ost	RHEA-2016:0603
openstack-gnocchi-indexer-sqlalchemy	1.3.4-1.el7ost	RHEA-2016:0603
openstack-gnocchi-metricd	1.3.4-1.el7ost	RHEA-2016:0603
openstack-gnocchi-statsd	1.3.4-1.el7ost	RHEA-2016:0603
openstack-heat-api	5.0.1-5.el7ost	RHEA-2016:0603
openstack-heat-api-cfn	5.0.1-5.el7ost	RHEA-2016:0603
openstack-heat-api-cloudwatch	5.0.1-5.el7ost	RHEA-2016:0603
openstack-heat-common	5.0.1-5.el7ost	RHEA-2016:0603
openstack-heat-engine	5.0.1-5.el7ost	RHEA-2016:0603
openstack-heat-templates	0-0.1.20151019.el7ost	RHEA-2016:0603
openstack-ironic-api	4.2.2-4.el7ost	RHEA-2016:0603
openstack-ironic-common	4.2.2-4.el7ost	RHEA-2016:0603
openstack-ironic-conductor	4.2.2-4.el7ost	RHEA-2016:0603
openstack-keystone	8.0.1-1.el7ost	RHEA-2016:0603
openstack-manila	1.0.1-3.el7ost	RHEA-2016:0603

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openstack-manila-share	1.0.1-3.el7ost	RHEA-2016:0603
openstack-manila-ui	1.2.0-1.el7ost	RHEA-2016:0603
openstack-neutron	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-bigswitch	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-bigswitch-agent	2015.3.8-1.el7ost	RHEA-2016:0603
openstack-neutron-bigswitch-lldp	2015.3.8-1.el7ost	RHEA-2016:0603
openstack-neutron-brocade	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-cisco	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-common	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-dev-server	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-embrane	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-fwaas	7.0.0-1.el7ost	RHEA-2016:0603
openstack-neutron-lbaas	7.0.0-2.el7ost	RHEA-2016:0603
openstack-neutron-linuxbridge	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-mellanox	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-metering-agent	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-midonet	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-ml2	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-nuage	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-ofagent	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-oneconvergence-nvsd	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-opencontrail	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-openvswitch	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-ovsvapp	7.0.1-15.el7ost	RHEA-2016:0603

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openstack-neutron-rpc-server	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-sriov-nic-agent	7.0.1-15.el7ost	RHEA-2016:0603
openstack-neutron-vpnaas	7.0.0-1.el7ost	RHEA-2016:0603
openstack-nova	12.0.2-5.el7ost	RHEA-2016:0603
openstack-nova-api	12.0.2-5.el7ost	RHEA-2016:0603
openstack-nova-cells	12.0.2-5.el7ost	RHEA-2016:0603
openstack-nova-cert	12.0.2-5.el7ost	RHEA-2016:0603
openstack-nova-common	12.0.2-5.el7ost	RHEA-2016:0603
openstack-nova-compute	12.0.2-5.el7ost	RHEA-2016:0603
openstack-nova-conductor	12.0.2-5.el7ost	RHEA-2016:0603
openstack-nova-console	12.0.2-5.el7ost	RHEA-2016:0603
openstack-nova-network	12.0.2-5.el7ost	RHEA-2016:0603
openstack-nova-novncproxy	12.0.2-5.el7ost	RHEA-2016:0603
openstack-nova-objectstore	12.0.2-5.el7ost	RHEA-2016:0603
openstack-nova-scheduler	12.0.2-5.el7ost	RHEA-2016:0603
openstack-nova-serialproxy	12.0.2-5.el7ost	RHEA-2016:0603
openstack-nova-spicehtml5proxy	12.0.2-5.el7ost	RHEA-2016:0603
openstack-packstack	7.0.0-0.14.dev1702.g490e674.el7ost	RHEA-2016:0603
openstack-packstack-puppet	7.0.0-0.14.dev1702.g490e674.el7ost	RHEA-2016:0603
openstack-puppet-modules	7.0.17-1.el7ost	RHEA-2016:0603
openstack-rally	0.1.1-4.2.el7ost	RHEA-2016:0603
openstack-sahara	3.0.1-4.el7ost	RHEA-2016:0603
openstack-sahara-api	3.0.1-4.el7ost	RHEA-2016:0603

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openstack-sahara-common	3.0.1-4.el7ost	RHEA-2016:0603
openstack-sahara-engine	3.0.1-4.el7ost	RHEA-2016:0603
openstack-selinux	0.6.58-1.el7ost	RHEA-2016:0603
openstack-swift	2.5.0-2.el7ost	RHEA-2016:0603
openstack-swift-account	2.5.0-2.el7ost	RHEA-2016:0603
openstack-swift-container	2.5.0-2.el7ost	RHEA-2016:0603
openstack-swift-object	2.5.0-2.el7ost	RHEA-2016:0603
openstack-swift-plugin-swift3	1.9-1.el7ost	RHEA-2016:0603
openstack-swift-proxy	2.5.0-2.el7ost	RHEA-2016:0603
openstack-tempest	liberty-20160317.1.el7ost	RHEA-2016:0603
openstack-trove	4.0.0-4.el7ost	RHEA-2016:0603
openstack-trove-api	4.0.0-4.el7ost	RHEA-2016:0603
openstack-trove-common	4.0.0-4.el7ost	RHEA-2016:0603
openstack-trove-conductor	4.0.0-4.el7ost	RHEA-2016:0603
openstack-trove-guestagent	4.0.0-4.el7ost	RHEA-2016:0603
openstack-trove-images	4.0.0-4.el7ost	RHEA-2016:0603
openstack-trove-taskmanager	4.0.0-4.el7ost	RHEA-2016:0603
openstack-utils	2014.2-1.el7ost	RHEA-2016:0603
openstack-zaqar	1.0.0-1.el7ost	RHEA-2016:0603
openvswitch	2.4.0-2.el7_2	RHEA-2016:0603
openvswitch-dpdk	2.4.0-0.10346.git97bab959.3.el7_2	RHEA-2016:0603
oz	0.12.0-2.el7	RHEA-2016:0603
plotnetcfg	0.4.1-2.el7ost	RHEA-2016:0603
puppet	3.6.2-2.el7	RHEA-2016:0603

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puppet-server	3.6.2-2.el7	RHEA-2016:0603
pyarsing	2.0.3-1.el7ost	RHEA-2016:0603
pysendfile	2.0.0-9.el7ost	RHEA-2016:0603
pysnmp	4.2.5-1.el7ost	RHEA-2016:0603
pystache	0.5.3-2.el7ost	RHEA-2016:0603
python-Bottleneck	0.6.0-4.el7ost	RHEA-2016:0603
python-PyMySQL	0.6.7-2.2.el7ost	RHEA-2016:0603
python-UcsSdk	0.8.2.5-1.el7ost	RHEA-2016:0603
python-XStatic	1.0.1-3.el7ost	RHEA-2016:0603
python-XStatic-Angular	1.3.7.0-4.el7ost	RHEA-2016:0603
python-XStatic-Angular-Bootstrap	0.11.0.2-1.el7ost	RHEA-2016:0603
python-XStatic-Angular-Gettext	2.1.0.2-1.el7ost	RHEA-2016:0603
python-XStatic-Angular-Mock	1.2.1.1-2.el7ost	RHEA-2016:0603
python-XStatic-Angular-Irdragndrop	1.0.2.2-1.el7ost	RHEA-2016:0603
python-XStatic-Bootstrap-Datepicker	1.3.1.0-1.el7ost	RHEA-2016:0603
python-XStatic-Bootstrap-SCSS	3.2.0.0-1.el7ost	RHEA-2016:0603
python-XStatic-D3	3.1.6.2-2.el7ost	RHEA-2016:0603
python-XStatic-Font-Awesome	4.3.0.0-1.el7ost	RHEA-2016:0603
python-XStatic-Hogan	2.0.0.2-2.el7ost	RHEA-2016:0603
python-XStatic-JQuery-Migrate	1.2.1.1-2.el7ost	RHEA-2016:0603
python-XStatic-JQuery-TableSorter	2.14.5.1-2.el7ost	RHEA-2016:0603
python-XStatic-JQuery-quicksearch	2.0.3.1-2.el7ost	RHEA-2016:0603
python-XStatic-JSEncrypt	2.0.0.2-2.el7ost	RHEA-2016:0603
python-XStatic-Jasmine	1.3.1.1-2.el7ost	RHEA-2016:0603

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python-XStatic-Magic-Search	0.2.0.1-1.el7ost	RHEA-2016:0603
python-XStatic-QUnit	1.14.0.2-2.el7ost	RHEA-2016:0603
python-XStatic-Rickshaw	1.5.0.0-4.el7ost	RHEA-2016:0603
python-XStatic-Spin	1.2.5.2-2.el7ost	RHEA-2016:0603
python-XStatic-bootswatch	3.3.5.3-2.1.el7ost	RHEA-2016:0603
python-XStatic-jQuery	1.10.2.1-1.el7ost	RHEA-2016:0603
python-XStatic-jquery-ui	1.10.4.1-1.el7ost	RHEA-2016:0603
python-XStatic-mdi	1.1.70.1-2.1.el7ost	RHEA-2016:0603
python-XStatic-roboto-fontface	0.4.3.2-4.2.el7ost	RHEA-2016:0603
python-XStatic-smart-table	1.4.5.3-1.el7ost	RHEA-2016:0603
python-XStatic-termjs	0.0.4.2-1.el7ost	RHEA-2016:0603
python-alembic	0.8.3-1.el7ost	RHEA-2016:0603
python-amqp	1.4.6-1.el7ost	RHEA-2016:0603
python-amqplib	1.0.2-11.el7ost	RHEA-2016:0603
python-anyjson	0.3.3-7.1.el7ost	RHEA-2016:0603
python-aodh	1.1.2-1.el7ost	RHEA-2016:0603
python-appdirs	1.4.0-2.1.el7ost	RHEA-2016:0603
python-automaton	0.7.0-1.3.el7ost	RHEA-2016:0603
python-babel	1.3-8.el7ost	RHEA-2016:0603
python-barbicanclient	3.3.0-1.el7ost	RHEA-2016:0603
python-boto	2.34.0-5.el7	RHEA-2016:0603
python-bson	3.0.3-1.el7ost	RHEA-2016:0603
python-cachetools	1.1.3-1.el7ost	RHEA-2016:0603
python-castellan	0.2.1-1.1.el7ost	RHEA-2016:0603

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python-ceilometer	5.0.2-2.el7ost	RHEA-2016:0603
python-ceilometerclient	1.5.2-1.el7ost	RHEA-2016:0603
python-ceilometermiddleware	0.3.0-1.el7ost	RHEA-2016:0603
python-cffi	1.1.2-4.el7ost	RHEA-2016:0603
python-cheetah	2.4.4-5.el7	RHEA-2016:0603
python-cinder	7.0.1-8.el7ost	RHEA-2016:0603
python-cinderclient	1.5.0-1.el7ost	RHEA-2016:0603
python-cliff	1.15.0-1.el7ost	RHEA-2016:0603
python-cliff-tablib	1.1-3.el7ost	RHEA-2016:0603
python-cmd2	0.6.8-3.el7ost	RHEA-2016:0603
python-contextlib2	0.4.0-2.el7ost	RHEA-2016:0603
python-croniter	0.3.4-5.el7ost	RHEA-2016:0603
python-crypto	2.6.1-1.el7ost	RHEA-2016:0603
python-cryptography	1.0.2-1.4.el7ost	RHEA-2016:0603
python-debtcollector	0.8.0-1.1.el7ost	RHEA-2016:0603
python-designate	1.0.0-0.2.0b3.el7ost	RHEA-2016:0603
python-designateclient	1.5.0-1.el7ost	RHEA-2016:0603
python-django	1.8.11-1.el7ost	RHEA-2016:0603
python-django-appconf	0.6-3.el7	RHEA-2016:0603
python-django-bash-completion	1.8.11-1.el7ost	RHEA-2016:0603
python-django-compressor	1.4-3.el7	RHEA-2016:0603
python-django-horizon	8.0.1-2.el7ost	RHEA-2016:0603
python-django-openstack-auth	2.0.1-1.2.el7ost	RHEA-2016:0603
python-django-pyscss	2.0.2-1.el7ost	RHEA-2016:0603

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python-docutils	0.12-0.2.20140510svn7747.el7ost	RHEA-2016:0603
python-dogpile-cache	0.5.7-1.el7ost	RHEA-2016:0603
python-dogpile-core	0.4.1-6.1.el7ost	RHEA-2016:0603
python-ecdsa	0.11-4.el7ost	RHEA-2016:0603
python-elasticsearch	1.4.0-2.el7ost	RHEA-2016:0603
python-eventlet	0.17.4-4.1.el7ost	RHEA-2016:0603
python-extras	0.0.3-8.el7ost	RHEA-2016:0603
python-falcon	0.3.0-1.5.el7ost	RHEA-2016:0603
python-fasteners	0.13.0-1.el7ost	RHEA-2016:0603
python-fixtures	0.3.14-3.el7ost	RHEA-2016:0603
python-futures	3.0.3-1.el7ost	RHEA-2016:0603
python-futurist	0.5.0-1.2.el7ost	RHEA-2016:0603
python-glance	11.0.1-4.el7ost	RHEA-2016:0603
python-glance-store	0.9.1-3.el7ost	RHEA-2016:0603
python-glanceclient	1.1.1-1.el7ost	RHEA-2016:0603
python-gnocchi	1.3.4-1.el7ost	RHEA-2016:0603
python-gnocchiclient	2.0.0-1.el7ost	RHEA-2016:0603
python-heatclient	1.0.0-1.el7ost	RHEA-2016:0603
python-httplib2	0.9.1-2.1.el7ost	RHEA-2016:0603
python-idna	2.0-1.el7ost	RHEA-2016:0603
python-ipaddress	1.0.7-4.el7ost	RHEA-2016:0603
python-ironicclient	0.8.1-1.el7ost	RHEA-2016:0603
python-iso8601	0.1.10-6.1.el7ost	RHEA-2016:0603
python-jsonpatch	1.2-2.el7	RHEA-2016:0603

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python-jsonpath-rw	1.2.3-2.el7ost	RHEA-2016:0603
python-jsonpath-rw-ext	0.1.7-1.2.el7ost	RHEA-2016:0603
python-jsonrpclib	0.1.3-1.el7	RHEA-2016:0603
python-jsonschema	2.5.1-3.el7ost	RHEA-2016:0603
python-junitxml	0.7-4.el7ost	RHEA-2016:0603
python-kafka	0.9.4-1.el7ost	RHEA-2016:0603
python-kazoo	2.0-2.el7ost	RHEA-2016:0603
python-keyring	5.0-3.el7ost	RHEA-2016:0603
python-keystone	8.0.1-1.el7ost	RHEA-2016:0603
python-keystoneauth1	1.1.0-4.el7ost	RHEA-2016:0603
python-keystoneclient	1.7.2-1.el7ost	RHEA-2016:0603
python-keystoneclient-kerberos	0.1.4-1.el7ost	RHEA-2016:0603
python-keystonemiddleware	2.3.1-1.el7ost	RHEA-2016:0603
python-kombu	3.0.28-1.2.el7ost	RHEA-2016:0603
python-ldappool	1.0-4.el7ost	RHEA-2016:0603
python-lesscpy	0.9j-4.el7ost	RHEA-2016:0603
python-linecache2	1.0.0-1.el7ost	RHEA-2016:0603
python-lockfile	0.9.1-5.el7	RHEA-2016:0603
python-logutils	0.3.3-3.el7ost	RHEA-2016:0603
python-lxml	3.2.1-5.el7ost	RHEA-2016:0603
python-manila	1.0.1-3.el7ost	RHEA-2016:0603
python-manilaclient	1.4.0-1.el7ost	RHEA-2016:0603
python-markdown	2.4.1-1.1.el7	RHEA-2016:0603
python-memcached	1.53-3.el7ost	RHEA-2016:0603

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python-migrate	0.9.6-1.el7ost	RHEA-2016:0603
python-mimeparse	0.1.4-6.el7ost	RHEA-2016:0603
python-mock	1.0.1-7.el7ost	RHEA-2016:0603
python-monotonic	0.3-1.el7ost	RHEA-2016:0603
python-msgpack	0.4.6-3.el7ost	RHEA-2016:0603
python-ncclient	0.4.2-3.el7ost	RHEA-2016:0603
python-netaddr	0.7.18-1.el7ost	RHEA-2016:0603
python-netifaces	0.10.4-3.el7ost	RHEA-2016:0603
python-networking-bigswitch	2015.3.8-1.el7ost	RHEA-2016:0603
python-networking-cisco	2.0.0-3.el7ost	RHEA-2016:0603
python-networking-odl	1.0.1-1.el7ost	RHEA-2016:0603
python-networking-vmware-nsx	0.0.1-1.64cc70f.el7ost	RHEA-2016:0603
python-networkx	1.8.1-13.el7ost	RHEA-2016:0603
python-networkx-core	1.8.1-13.el7ost	RHEA-2016:0603
python-neutron	7.0.1-15.el7ost	RHEA-2016:0603
python-neutron-fwaas	7.0.0-1.el7ost	RHEA-2016:0603
python-neutron-fwaas-tests	7.0.0-1.el7ost	RHEA-2016:0603
python-neutron-lbaas	7.0.0-2.el7ost	RHEA-2016:0603
python-neutron-lbaas-tests	7.0.0-2.el7ost	RHEA-2016:0603
python-neutron-tests	7.0.1-15.el7ost	RHEA-2016:0603
python-neutron-vpnaas	7.0.0-1.el7ost	RHEA-2016:0603
python-neutron-vpnaas-tests	7.0.0-1.el7ost	RHEA-2016:0603
python-neutronclient	3.1.0-1.el7ost	RHEA-2016:0603
python-nova	12.0.2-5.el7ost	RHEA-2016:0603

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python-novaclient	3.1.0-2.el7ost	RHEA-2016:0603
python-numexpr	2.3-5.el7ost	RHEA-2016:0603
python-oauthlib	0.7.2-3.20150520git514cad7.el7ost	RHEA-2016:0603
python-openstackclient	1.7.2-1.el7ost	RHEA-2016:0603
python-openvswitch	2.4.0-2.el7_2	RHEA-2016:0603
python-os-brick	0.5.0-1.4.el7ost	RHEA-2016:0603
python-os-client-config	1.7.4-1.3.el7ost	RHEA-2016:0603
python-os-testr	0.4.1-1.el7ost	RHEA-2016:0603
python-oslo-cache	0.7.0-1.el7ost	RHEA-2016:0603
python-oslo-concurrency	2.6.0-1.el7ost	RHEA-2016:0603
python-oslo-config	2.4.0-1.1.el7ost	RHEA-2016:0603
python-oslo-context	0.6.0-3.el7ost	RHEA-2016:0603
python-oslo-db	2.6.0-3.el7ost	RHEA-2016:0603
python-oslo-i18n	2.6.0-1.1.el7ost	RHEA-2016:0603
python-oslo-log	1.11.0-1.el7ost	RHEA-2016:0603
python-oslo-messaging	2.5.0-5.el7ost	RHEA-2016:0603
python-oslo-middleware	2.8.0-3.el7ost	RHEA-2016:0603
python-oslo-policy	0.11.0-1.el7ost	RHEA-2016:0603
python-oslo-reports	0.6.0-1.3.el7ost	RHEA-2016:0603
python-oslo-rootwrap	2.3.0-1.el7ost	RHEA-2016:0603
python-oslo-serialization	1.9.0-1.2.el7ost	RHEA-2016:0603
python-oslo-service	0.9.0-2.6.el7ost	RHEA-2016:0603
python-oslo-sphinx	3.1.0-1.el7ost	RHEA-2016:0603
python-oslo-utils	2.8.0-1.el7ost	RHEA-2016:0603

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python-oslo-versionedobjects	0.10.0-1.el7ost	RHEA-2016:0603
python-oslo-vmware	1.21.0-1.el7ost	RHEA-2016:0603
python-osprofiler	0.3.0-2.el7ost	RHEA-2016:0603
python-pandas	0.17.0-1.el7ost	RHEA-2016:0603
python-paramiko	1.15.1-1.el7ost	RHEA-2016:0603
python-passlib	1.6.5-1.1.el7ost	RHEA-2016:0603
python-paste-deploy	1.5.2-4.el7ost	RHEA-2016:0603
python-pathlib	1.0.1-1.el7ost	RHEA-2016:0603
python-pbr	1.8.0-1.el7ost	RHEA-2016:0603
python-pecan	1.0.2-2.1.el7ost	RHEA-2016:0603
python-pint	0.6-5.1.el7ost	RHEA-2016:0603
python-posix_ipc	0.9.8-5.el7ost	RHEA-2016:0603
python-prettytable	0.7.2-1.el7	RHEA-2016:0603
python-psutil	1.2.1-1.el7	RHEA-2016:0603
python-pyasn1	0.1.9-1.el7ost	RHEA-2016:0603
python-pyasn1-modules	0.1.9-1.el7ost	RHEA-2016:0603
python-pycadf	1.1.0-1.el7ost	RHEA-2016:0603
python-pyeclib	1.1.0-1.el7ost	RHEA-2016:0603
python-pyghmi	0.8.0-2.el7ost	RHEA-2016:0603
python-pygments	2.0.2-2.el7ost	RHEA-2016:0603
python-pymemcache	1.2.5-2.el7ost	RHEA-2016:0603
python-pymongo	3.0.3-1.el7ost	RHEA-2016:0603
python-pymongo-gridfs	3.0.3-1.el7ost	RHEA-2016:0603
python-pysaml2	3.0.0-1.el7ost	RHEA-2016:0603

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python-pytimeparse	1.1.5-1.1.el7ost	RHEA-2016:0603
python-qpidd	0.30-6.el7	RHEA-2016:0603
python-qpidd-proton	0.9-4.el7	RHEA-2016:0603
python-qpidd-qmf	0.30-6.el7	RHEA-2016:0603
python-redis	2.10.3-3.el7ost	RHEA-2016:0603
python-repoze-lru	0.4-8.el7ost	RHEA-2016:0603
python-repoze-who	2.1-4.el7ost	RHEA-2016:0603
python-requests	2.7.0-1.el7ost	RHEA-2016:0603
python-requests-kerberos	0.7.0-3.el7ost	RHEA-2016:0603
python-requests-oauthlib	0.5.0-2.el7ost	RHEA-2016:0603
python-retrying	1.2.3-4.el7ost	RHEA-2016:0603
python-rfc3986	0.2.0-1.el7ost	RHEA-2016:0603
python-routes	1.13-2.el7ost	RHEA-2016:0603
python-ryu	3.26-1.el7ost	RHEA-2016:0603
python-sahara	3.0.1-4.el7ost	RHEA-2016:0603
python-sahara-tests	3.0.1-4.el7ost	RHEA-2016:0603
python-saharaclient	0.11.1-1.el7ost	RHEA-2016:0603
python-saslwrapper	0.22-5.el7	RHEA-2016:0603
python-scciclient	0.3.0-1.el7ost	RHEA-2016:0603
python-scss	1.3.4-1.el7ost	RHEA-2016:0603
python-semantic_version	2.4.2-1.el7ost	RHEA-2016:0603
python-simplegeneric	0.8-7.el7ost	RHEA-2016:0603
python-simplejson	3.5.3-1.el7ost	RHEA-2016:0603
python-singledispatch	3.4.0.3-2.1.el7ost	RHEA-2016:0603

Name	Version	Advisory
python-speaklater	1.3-1.el7ost	RHEA-2016:0603
python-sphinx	1.1.3-9.el7	RHEA-2016:0603
python-sqlalchemy	1.0.8-1.el7ost	RHEA-2016:0603
python-sqlalchemy-utils	0.30.0-2.el7ost	RHEA-2016:0603
python-sqlite3dbm	0.1.4-7.el7ost	RHEA-2016:0603
python-sqlparse	0.1.16-1.1.el7ost	RHEA-2016:0603
python-stevedore	1.8.0-1.el7ost	RHEA-2016:0603
python-subunit	1.0.0-2.el7ost	RHEA-2016:0603
python-swiftclient	2.6.0-1.el7ost	RHEA-2016:0603
python-sysv_ipc	0.4.2-13.el7ost	RHEA-2016:0603
python-tables	3.1.1-2.el7ost	RHEA-2016:0603
python-tablib	0.10.0-1.el7ost	RHEA-2016:0603
python-taskflow	1.21.0-1.el7ost	RHEA-2016:0603
python-tempest-lib	0.13.0-3.el7ost	RHEA-2016:0603
python-testrepository	0.0.20-3.1.el7ost	RHEA-2016:0603
python-testresources	0.2.7-6.el7ost	RHEA-2016:0603
python-testscenarios	0.4-6.el7ost	RHEA-2016:0603
python-testtools	1.8.0-2.el7ost	RHEA-2016:0603
python-tooz	1.24.0-1.el7ost	RHEA-2016:0603
python-traceback2	1.4.0-2.el7ost	RHEA-2016:0603
python-trollius	2.0-1.el7ost	RHEA-2016:0603
python-trove	4.0.0-4.el7ost	RHEA-2016:0603
python-troveclient	1.3.0-1.el7ost	RHEA-2016:0603
python-unicodcsv	0.14.1-2.el7ost	RHEA-2016:0603

Name	Version	Advisory
python-unittest2	1.0.1-1.el7ost	RHEA-2016:0603
python-urllib3	1.10.4-7.el7ost	RHEA-2016:0603
python-versiontools	1.9.1-8.el7ost	RHEA-2016:0603
python-voluptuous	0.8.5-2.el7ost	RHEA-2016:0603
python-warlock	1.0.1-1.el7ost	RHEA-2016:0603
python-webob	1.4.1-2.el7ost	RHEA-2016:0603
python-websockify	0.6.0-2.el7ost	RHEA-2016:0603
python-webtest	1.3.4-5.el7	RHEA-2016:0603
python-wrapt	1.10.5-1.el7ost	RHEA-2016:0603
python-wsme	0.7.0-2.1.el7ost	RHEA-2016:0603
python-zaqarclient	0.2.0-1.el7ost	RHEA-2016:0603
python-zope-interface	4.0.5-4.el7	RHEA-2016:0603
qemu-img-rhev	2.3.0-31.el7_2.7	RHEA-2016:0603
qemu-kvm-common-rhev	2.3.0-31.el7_2.7	RHEA-2016:0603
qemu-kvm-rhev	2.3.0-31.el7_2.7	RHEA-2016:0603
qemu-kvm-tools-rhev	2.3.0-31.el7_2.7	RHEA-2016:0603
qpidd-cpp-client	0.30-9.el7	RHEA-2016:0603
qpidd-cpp-server	0.30-9.el7	RHEA-2016:0603
qpidd-cpp-server-ha	0.30-9.el7	RHEA-2016:0603
qpidd-proton-c	0.9-4.el7	RHEA-2016:0603
qpidd-qmf	0.30-6.el7	RHEA-2016:0603
qpidd-tools	0.30-5.el7	RHEA-2016:0603
rabbitmq-server	3.3.5-22.el7ost	RHEA-2016:0603
redis	2.8.24-1.el7ost	RHEA-2016:0603

Name	Version	Advisory
roboto-fontface-common	0.4.3.2-4.2.el7ost	RHEA-2016:0603
roboto-fontface-fonts	0.4.3.2-4.2.el7ost	RHEA-2016:0603
ruby-augeas	0.5.0-1.el7	RHEA-2016:0603
ruby-shadow	1.4.1-21.el7	RHEA-2016:0603
rubygem-rgen	0.6.6-2.1.el7	RHEA-2016:0603
sahara-image-elements	3.0.0-3.el7ost	RHEA-2016:0603
saslwrapper	0.22-5.el7	RHEA-2016:0603
sos	3.2-36.el7ost.2	RHEA-2016:0603
subunit	1.0.0-2.el7ost	RHEA-2016:0603
subunit-filters	1.0.0-2.el7ost	RHEA-2016:0603
v8	3.14.5.10-18.el7ost	RHEA-2016:0603
web-assets-filesystem	5-1.el7ost	RHEA-2016:0603
yaml-cpp	0.5.1-7.el7ost	RHEA-2016:0603

3.2. Red Hat OpenStack Platform Director 8.0 Packages

The following table outlines the packages included in the **rhel1-7-server-openstack-8-director-rpms** channel.

Table 7. Red Hat OpenStack Platform Director 8.0 Packages

Name	Version	Advisory
Cython	0.21.1-1.el7ost	RHEA-2016:0604
docker-compose	1.5.2-4.el7ost	RHEA-2016:0604
fio	2.2.8-1.el7ost	RHEA-2016:0604
instack	0.0.8-2.el7ost	RHEA-2016:0604
instack-undercloud	2.2.7-2.el7ost	RHEA-2016:0604

Name	Version	Advisory
ipxe-bootimgs	20160127-1.git6366fa7a.el7	RHEA-2016:0604
ipxe-roms-qemu	20160127-1.git6366fa7a.el7	RHEA-2016:0604
ironic-python-agent-doc	1.1.0-8.el7ost	RHEA-2016:0604
openstack-ironic-inspector	2.2.5-2.el7ost	RHEA-2016:0604
openstack-ironic-inspector-doc	2.2.5-2.el7ost	RHEA-2016:0604
openstack-ironic-python-agent	1.1.0-8.el7ost	RHEA-2016:0604
openstack-tripleo	0.0.7-1.el7ost	RHEA-2016:0604
openstack-tripleo-common	0.3.1-1.el7ost	RHEA-2016:0604
openstack-tripleo-doc	0.0.7-1.el7ost	RHEA-2016:0604
openstack-tripleo-heat-templates	0.8.14-5.el7ost	RHEA-2016:0604
openstack-tripleo-heat-templates-kilo	0.8.14-5.el7ost	RHEA-2016:0604
openstack-tripleo-image-elements	0.9.9-1.el7ost	RHEA-2016:0604
openstack-tripleo-puppet-elements	0.0.5-1.el7ost	RHEA-2016:0604
openwsman-python	2.3.6-13.el7	RHEA-2016:0604
os-apply-config	0.1.32-4.el7ost	RHEA-2016:0604
os-cloud-config	0.4.1-1.el7ost	RHEA-2016:0604
os-collect-config	0.1.37-2.el7ost	RHEA-2016:0604
os-net-config	0.2.2-1.el7ost	RHEA-2016:0604
os-refresh-config	0.1.11-2.el7ost	RHEA-2016:0604
python-dockerpty	0.3.4-1.el7ost	RHEA-2016:0604
python-docopt	0.6.1-1.el7ost	RHEA-2016:0604
python-dpath	1.4.0-1.el7ost	RHEA-2016:0604
python-dracclient	0.0.5-1	RHEA-2016:0604
python-flask-babel	0.9-3.el7ost	RHEA-2016:0604

Name	Version	Advisory
python-hardware	0.17-6.el7ost	RHEA-2016:0604
python-hardware-detect	0.17-6.el7ost	RHEA-2016:0604
python-ironic-inspector-client	1.2.0-6.el7ost	RHEA-2016:0604
python-proliantutils	2.1.0-4.el7ost	RHEA-2016:0604
python-ptyprocess	0.4-1.el7ost	RHEA-2016:0604
python-texttable	0.8.4-1.el7ost	RHEA-2016:0604
python-tripleoclient	0.3.4-2.el7ost	RHEA-2016:0604
rhosp-director-images	8.0-20160401.2.el7ost	RHEA-2016:0604
rhosp-director-images-ipa	8.0-20160401.2.el7ost	RHEA-2016:0604
sysbench	0.4.12-12.el7ost	RHEA-2016:0604

3.3. Red Hat OpenStack Platform 8.0 Operational Tools Packages

The following table outlines the packages included in the `rhel-7-server-openstack-8-tools-rpms` channel.

Table 8. Red Hat OpenStack Platform 8.0 Operational Tools Packages

Name	Version	Advisory
pyparsing	2.0.3-1.el7ost	RHEA-2016:0603
python-anyjson	0.3.3-7.1.el7ost	RHEA-2016:0603
python-appdirs	1.4.0-2.1.el7ost	RHEA-2016:0603
python-babel	1.3-8.el7ost	RHEA-2016:0603
python-barbicanclient	3.3.0-1.el7ost	RHEA-2016:0603
python-ceilometerclient	1.5.2-1.el7ost	RHEA-2016:0603
python-cinderclient	1.5.0-1.el7ost	RHEA-2016:0603
python-cliff	1.15.0-1.el7ost	RHEA-2016:0603

Name	Version	Advisory
python-cliff-tablib	1.1-3.el7ost	RHEA-2016:0603
python-cmd2	0.6.8-3.el7ost	RHEA-2016:0603
python-contextlib2	0.4.0-2.el7ost	RHEA-2016:0603
python-crypto	2.6.1-1.el7ost	RHEA-2016:0603
python-debtcollector	0.8.0-1.1.el7ost	RHEA-2016:0603
python-designateclient	1.5.0-1.el7ost	RHEA-2016:0603
python-dogpile-cache	0.5.7-1.el7ost	RHEA-2016:0603
python-dogpile-core	0.4.1-6.1.el7ost	RHEA-2016:0603
python-extras	0.0.3-8.el7ost	RHEA-2016:0603
python-fixtures	0.3.14-3.el7ost	RHEA-2016:0603
python-futures	3.0.3-1.el7ost	RHEA-2016:0603
python-futurist	0.5.0-1.2.el7ost	RHEA-2016:0603
python-glanceclient	1.1.1-1.el7ost	RHEA-2016:0603
python-gnocchiclient	2.0.0-1.el7ost	RHEA-2016:0603
python-heatclient	1.0.0-1.el7ost	RHEA-2016:0603
python-httplib2	0.9.1-2.1.el7ost	RHEA-2016:0603
python-ironicclient	0.8.1-1.el7ost	RHEA-2016:0603
python-iso8601	0.1.10-6.1.el7ost	RHEA-2016:0603
python-jsonpatch	1.2-2.el7	RHEA-2016:0603
python-jsonschema	2.5.1-3.el7ost	RHEA-2016:0603
python-keyring	5.0-3.el7ost	RHEA-2016:0603
python-keystoneauth1	1.1.0-4.el7ost	RHEA-2016:0603
python-keystoneclient	1.7.2-1.el7ost	RHEA-2016:0603
python-keystoneclient-kerberos	0.1.4-1.el7ost	RHEA-2016:0603

Name	Version	Advisory
python-linecache2	1.0.0-1.el7ost	RHEA-2016:0603
python-manilaclient	1.4.0-1.el7ost	RHEA-2016:0603
python-mimeparse	0.1.4-6.el7ost	RHEA-2016:0603
python-monotonic	0.3-1.el7ost	RHEA-2016:0603
python-msgpack	0.4.6-3.el7ost	RHEA-2016:0603
python-netaddr	0.7.18-1.el7ost	RHEA-2016:0603
python-netifaces	0.10.4-3.el7ost	RHEA-2016:0603
python-neutronclient	3.1.0-1.el7ost	RHEA-2016:0603
python-novaclient	3.1.0-2.el7ost	RHEA-2016:0603
python-openstackclient	1.7.2-1.el7ost	RHEA-2016:0603
python-os-client-config	1.7.4-1.3.el7ost	RHEA-2016:0603
python-oslo-config	2.4.0-1.1.el7ost	RHEA-2016:0603
python-oslo-i18n	2.6.0-1.1.el7ost	RHEA-2016:0603
python-oslo-serialization	1.9.0-1.2.el7ost	RHEA-2016:0603
python-oslo-utils	2.8.0-1.el7ost	RHEA-2016:0603
python-pbr	1.8.0-1.el7ost	RHEA-2016:0603
python-prettytable	0.7.2-1.el7	RHEA-2016:0603
python-repoze-lru	0.4-8.el7ost	RHEA-2016:0603
python-requests-kerberos	0.7.0-3.el7ost	RHEA-2016:0603
python-saharaclient	0.11.1-1.el7ost	RHEA-2016:0603
python-scciclient	0.3.0-1.el7ost	RHEA-2016:0603
python-simplejson	3.5.3-1.el7ost	RHEA-2016:0603
python-stevedore	1.8.0-1.el7ost	RHEA-2016:0603
python-swiftclient	2.6.0-1.el7ost	RHEA-2016:0603

Name	Version	Advisory
python-tablib	0.10.0-1.el7ost	RHEA-2016:0603
python-testtools	1.8.0-2.el7ost	RHEA-2016:0603
python-traceback2	1.4.0-2.el7ost	RHEA-2016:0603
python-troveclient	1.3.0-1.el7ost	RHEA-2016:0603
python-unicodcsv	0.14.1-2.el7ost	RHEA-2016:0603
python-unittest2	1.0.1-1.el7ost	RHEA-2016:0603
python-warlock	1.0.1-1.el7ost	RHEA-2016:0603
python-webob	1.4.1-2.el7ost	RHEA-2016:0603
python-wrapt	1.10.5-1.el7ost	RHEA-2016:0603
python-zaqarclient	0.2.0-1.el7ost	RHEA-2016:0603

4. UPDATE ON 12 MAY, 2016

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 12 May, 2016.

4.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the `rhel-7-server-openstack-8-rpms` channel.

Table 9. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
openstack-neutron	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-bigswitch	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-brocade	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-cisco	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-common	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-dev-server	7.0.4-2.el7ost	RHBA-2016:1063

Name	Version	Advisory
openstack-neutron-embrane	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-linuxbridge	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-mellanox	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-metering-agent	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-midonet	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-ml2	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-nuage	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-ofagent	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-oneconvergence-nvsd	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-opencontrail	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-openvswitch	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-ovsvapp	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-rpc-server	7.0.4-2.el7ost	RHBA-2016:1063
openstack-neutron-sriov-nic-agent	7.0.4-2.el7ost	RHBA-2016:1063
python-neutron	7.0.4-2.el7ost	RHBA-2016:1063
python-neutron-tests	7.0.4-2.el7ost	RHBA-2016:1063

5. UPDATE ON 25 MAY, 2016

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 25 May, 2016.

5.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the `rhel1-7-server-openstack-8-rpms` channel.

Table 10. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
python-oslo-messaging	2.5.0-6.el7ost	RHBA-2016:1105

6. UPDATE ON 15 JUNE, 2016

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 15 June, 2016.

6.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the **rhe1-7-server-openstack-8-rpms** channel.

Table 11. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
python-oslo-messaging	2.5.0-6.el7ost	RHBA-2016:1105

6.2. Red Hat OpenStack Platform Director 8.0

The following table outlines the packages included in the **rhe1-7-server-openstack-8-director-rpms** channel.

Table 12. Red Hat OpenStack Platform Director 8.0 Packages

Name	Version	Advisory
instack-undercloud	2.2.7-7.el7ost	RHBA-2016:1229
ironic-python-agent-doc	1.1.0-10.el7ost	RHBA-2016:1229
openstack-ironic-inspector	2.2.6-1.el7ost	RHBA-2016:1229
openstack-ironic-inspector-doc	2.2.6-1.el7ost	RHBA-2016:1229
openstack-ironic-python-agent	1.1.0-10.el7ost	RHBA-2016:1229
openstack-tripleo-heat-templates	0.8.14-13.el7ost	RHBA-2016:1229
openstack-tripleo-heat-templates-kilo	0.8.14-13.el7ost	RHBA-2016:1229
python-tripleoclient	0.3.4-5.el7ost	RHBA-2016:1229

Name	Version	Advisory
rhosp-director-images	8.0-20160603.2.el7ost	RHSA-2016:1222
rhosp-director-images-ipa	8.0-20160603.2.el7ost	RHSA-2016:1222

7. UPDATE ON 21 JUNE, 2016

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 21 June, 2016.

7.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the **rhel-7-server-openstack-8-rpms** channel.

Table 13. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
openstack-dashboard	8.0.1-4.el7ost	RHSA-2016:1270
openstack-dashboard-theme	8.0.1-4.el7ost	RHSA-2016:1270
python-django-horizon	8.0.1-4.el7ost	RHSA-2016:1270

8. UPDATE ON 29 JUNE, 2016

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 29 June, 2016.

8.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the **rhel-7-server-openstack-8-rpms** channel.

Table 14. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
openstack-cinder	7.0.2-2.el7ost	RHBA-2016:1351
openstack-neutron	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-bigswitch	7.0.4-7.el7ost	RHBA-2016:1353

Name	Version	Advisory
openstack-neutron-brocade	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-cisco	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-common	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-dev-server	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-embrane	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-linuxbridge	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-mellanox	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-metering-agent	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-midonet	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-ml2	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-nuage	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-ofagent	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-oneconvergence-nvsd	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-opencontrail	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-openvswitch	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-ovsvapp	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-rpc-server	7.0.4-7.el7ost	RHBA-2016:1353
openstack-neutron-sriov-nic-agent	7.0.4-7.el7ost	RHBA-2016:1353
openstack-nova	12.0.3-11.el7ost	RHBA-2016:1355
openstack-nova-api	12.0.3-11.el7ost	RHBA-2016:1355
openstack-nova-cells	12.0.3-11.el7ost	RHBA-2016:1355
openstack-nova-cert	12.0.3-11.el7ost	RHBA-2016:1355
openstack-nova-common	12.0.3-11.el7ost	RHBA-2016:1355
openstack-nova-compute	12.0.3-11.el7ost	RHBA-2016:1355

Name	Version	Advisory
openstack-nova-conductor	12.0.3-11.el7ost	RHBA-2016:1355
openstack-nova-console	12.0.3-11.el7ost	RHBA-2016:1355
openstack-nova-network	12.0.3-11.el7ost	RHBA-2016:1355
openstack-nova-novncproxy	12.0.3-11.el7ost	RHBA-2016:1355
openstack-nova-objectstore	12.0.3-11.el7ost	RHBA-2016:1355
openstack-nova-scheduler	12.0.3-11.el7ost	RHBA-2016:1355
openstack-nova-serialproxy	12.0.3-11.el7ost	RHBA-2016:1355
openstack-nova-spicehtml5proxy	12.0.3-11.el7ost	RHBA-2016:1355
openstack-packstack	7.0.0-0.19.dev1702.g490e674.el7ost	RHBA-2016:1354
openstack-packstack-puppet	7.0.0-0.19.dev1702.g490e674.el7ost	RHBA-2016:1354
openstack-puppet-modules	7.1.1-1.el7ost	RHBA-2016:1354
python-cinder	7.0.2-2.el7ost	RHBA-2016:1351
python-networking-vmware-nsx	1.0.0-1.el7ost	RHBA-2016:1353
python-neutron	7.0.4-7.el7ost	RHBA-2016:1353
python-neutron-tests	7.0.4-7.el7ost	RHBA-2016:1353
python-nova	12.0.3-11.el7ost	RHBA-2016:1355
python-oslo-messaging	2.5.0-7.el7ost	RHBA-2016:1352
sahara-image-elements	3.0.0-5.el7ost	RHBA-2016:1352

9. UPDATE ON 04 JULY, 2016

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 04 July, 2016.

9.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the `rhe1-7-server-openstack-8-rpms` channel.

Table 15. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
openstack-ironic-api	4.2.5-1.el7ost	RHSA-2016:1378
openstack-ironic-common	4.2.5-1.el7ost	RHSA-2016:1378
openstack-ironic-conductor	4.2.5-1.el7ost	RHSA-2016:1378

10. UPDATE ON 13 JULY, 2016

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 13 July, 2016.

10.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the **rhel-7-server-openstack-8-rpms** channel.

Table 16. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
python-oslo-messaging	2.5.0-8.el7ost	RHBA-2016:1415

10.2. Red Hat OpenStack Platform Director 8.0

The following table outlines the packages included in the **rhel-7-server-openstack-8-director-rpms** channel.

Table 17. Red Hat OpenStack Platform Director 8.0 Packages

Name	Version	Advisory
openstack-tripleo-heat-templates	0.8.14-14.el7ost	RHBA-2016:1418
openstack-tripleo-heat-templates-kilo	0.8.14-14.el7ost	RHBA-2016:1418
python-tripleoclient	0.3.4-6.el7ost	RHBA-2016:1418

11. UPDATE ON 20 JULY, 2016

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 20 July, 2016.

11.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the **rhel-7-server-openstack-8-rpms** channel.

Table 18. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
openstack-ironic-api	4.2.5-2.el7ost	RHBA-2016:1470
openstack-ironic-common	4.2.5-2.el7ost	RHBA-2016:1470
openstack-ironic-conductor	4.2.5-2.el7ost	RHBA-2016:1470
openstack-neutron	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-bigswitch	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-brocade	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-cisco	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-common	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-dev-server	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-embrane	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-linuxbridge	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-mellanox	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-metering-agent	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-midonet	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-ml2	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-nuage	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-ofagent	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-oneconvergence-nvsd	7.0.4-11.el7ost	RHSA-2016:1473

Name	Version	Advisory
openstack-neutron-opencontrail	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-openvswitch	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-ovsvapp	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-rpc-server	7.0.4-11.el7ost	RHSA-2016:1473
openstack-neutron-sriov-nic-agent	7.0.4-11.el7ost	RHSA-2016:1473
openstack-nova	12.0.4-4.el7ost	RHBA-2016:1462
openstack-nova-api	12.0.4-4.el7ost	RHBA-2016:1462
openstack-nova-cells	12.0.4-4.el7ost	RHBA-2016:1462
openstack-nova-cert	12.0.4-4.el7ost	RHBA-2016:1462
openstack-nova-common	12.0.4-4.el7ost	RHBA-2016:1462
openstack-nova-compute	12.0.4-4.el7ost	RHBA-2016:1462
openstack-nova-conductor	12.0.4-4.el7ost	RHBA-2016:1462
openstack-nova-console	12.0.4-4.el7ost	RHBA-2016:1462
openstack-nova-network	12.0.4-4.el7ost	RHBA-2016:1462
openstack-nova-novncproxy	12.0.4-4.el7ost	RHBA-2016:1462
openstack-nova-objectstore	12.0.4-4.el7ost	RHBA-2016:1462
openstack-nova-scheduler	12.0.4-4.el7ost	RHBA-2016:1462
openstack-nova-serialproxy	12.0.4-4.el7ost	RHBA-2016:1462
openstack-nova-spicehtml5proxy	12.0.4-4.el7ost	RHBA-2016:1462
openstack-puppet-modules	7.1.2-1.el7ost	RHBA-2016:1471
python-neutron	7.0.4-11.el7ost	RHSA-2016:1473
python-neutron-tests	7.0.4-11.el7ost	RHSA-2016:1473
python-nova	12.0.4-4.el7ost	RHBA-2016:1462

12. UPDATE ON 17 AUGUST, 2016

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 17 August, 2016.

12.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the **rhe1-7-server-openstack-8-rpms** channel.

Table 19. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
openstack-puppet-modules	7.1.3-1.el7ost	RHBA-2016:1619

13. UPDATE ON 24 AUGUST, 2016

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 24 August, 2016.

13.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the **rhe1-7-server-openstack-8-rpms** channel.

Table 20. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
libcacard-rhev	2.3.0-31.el7_2.21	RHSA-2016:1756
libcacard-tools-rhev	2.3.0-31.el7_2.21	RHSA-2016:1756
openstack-neutron	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-bigswitch	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-brocade	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-cisco	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-common	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-dev-server	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-embrane	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-lbaas	7.1.1-1.el7ost	RHBA-2016:1770

Name	Version	Advisory
openstack-neutron-linuxbridge	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-mellanox	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-metering-agent	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-ml2	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-nuage	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-ofagent	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-oneconvergence-nvsd	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-opencontrail	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-openvswitch	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-ovsvapp	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-rpc-server	7.1.1-4.el7ost	RHBA-2016:1770
openstack-neutron-sriov-nic-agent	7.1.1-4.el7ost	RHBA-2016:1770
python-neutron	7.1.1-4.el7ost	RHBA-2016:1770
python-neutron-lbaas	7.1.1-1.el7ost	RHBA-2016:1770
python-neutron-lbaas-tests	7.1.1-1.el7ost	RHBA-2016:1770
python-neutron-tests	7.1.1-4.el7ost	RHBA-2016:1770
qemu-img-rhev	2.3.0-31.el7_2.21	RHSA-2016:1756
qemu-kvm-common-rhev	2.3.0-31.el7_2.21	RHSA-2016:1756
qemu-kvm-rhev	2.3.0-31.el7_2.21	RHSA-2016:1756
qemu-kvm-tools-rhev	2.3.0-31.el7_2.21	RHSA-2016:1756

13.2. Red Hat OpenStack Platform Director 8.0

The following table outlines the packages included in the **rhe1-7-server-openstack-8-director-rpms** channel.

Table 21. Red Hat OpenStack Platform Director 8.0 Packages

Name	Version	Advisory
openstack-tripleo-heat-templates	0.8.14-16.el7ost	RHBA-2016:1769
openstack-tripleo-heat-templates-kilo	0.8.14-16.el7ost	RHBA-2016:1769

14. UPDATE ON 31 AUGUST, 2016

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 31 August, 2016.

14.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the **rhe1-7-server-openstack-8-rpms** channel.

Table 22. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
novnc	0.6.1-1.el7ost	RHBA-2016:1794
openstack-cinder	7.0.2-3.el7ost	RHBA-2016:1788
openstack-dashboard	8.0.1-5.el7ost	RHBA-2016:1795
openstack-dashboard-theme	8.0.1-5.el7ost	RHBA-2016:1795
openstack-manila	1.0.1-4.el7ost	RHBA-2016:1792
openstack-manila-share	1.0.1-4.el7ost	RHBA-2016:1792
openstack-nova	12.0.4-6.el7ost	RHBA-2016:1794
openstack-nova	12.0.4-8.el7ost	RHBA-2016:1787
openstack-nova-api	12.0.4-6.el7ost	RHBA-2016:1794
openstack-nova-api	12.0.4-8.el7ost	RHBA-2016:1787
openstack-nova-cells	12.0.4-6.el7ost	RHBA-2016:1794
openstack-nova-cells	12.0.4-8.el7ost	RHBA-2016:1787
openstack-nova-cert	12.0.4-6.el7ost	RHBA-2016:1794

Name	Version	Advisory
openstack-nova-cert	12.0.4-8.el7ost	RHBA-2016:1787
openstack-nova-common	12.0.4-6.el7ost	RHBA-2016:1794
openstack-nova-common	12.0.4-8.el7ost	RHBA-2016:1787
openstack-nova-compute	12.0.4-6.el7ost	RHBA-2016:1794
openstack-nova-compute	12.0.4-8.el7ost	RHBA-2016:1787
openstack-nova-conductor	12.0.4-6.el7ost	RHBA-2016:1794
openstack-nova-conductor	12.0.4-8.el7ost	RHBA-2016:1787
openstack-nova-console	12.0.4-6.el7ost	RHBA-2016:1794
openstack-nova-console	12.0.4-8.el7ost	RHBA-2016:1787
openstack-nova-network	12.0.4-6.el7ost	RHBA-2016:1794
openstack-nova-network	12.0.4-8.el7ost	RHBA-2016:1787
openstack-nova-novncproxy	12.0.4-6.el7ost	RHBA-2016:1794
openstack-nova-novncproxy	12.0.4-8.el7ost	RHBA-2016:1787
openstack-nova-objectstore	12.0.4-6.el7ost	RHBA-2016:1794
openstack-nova-objectstore	12.0.4-8.el7ost	RHBA-2016:1787
openstack-nova-scheduler	12.0.4-6.el7ost	RHBA-2016:1794
openstack-nova-scheduler	12.0.4-8.el7ost	RHBA-2016:1787
openstack-nova-serialproxy	12.0.4-6.el7ost	RHBA-2016:1794
openstack-nova-serialproxy	12.0.4-8.el7ost	RHBA-2016:1787
openstack-nova-spicehtml5proxy	12.0.4-6.el7ost	RHBA-2016:1794
openstack-nova-spicehtml5proxy	12.0.4-8.el7ost	RHBA-2016:1787
openstack-trove	4.0.0-5.el7ost	RHBA-2016:1792
openstack-trove-api	4.0.0-5.el7ost	RHBA-2016:1792
openstack-trove-common	4.0.0-5.el7ost	RHBA-2016:1792

Name	Version	Advisory
openstack-trove-conductor	4.0.0-5.el7ost	RHBA-2016:1792
openstack-trove-guestagent	4.0.0-5.el7ost	RHBA-2016:1792
openstack-trove-images	4.0.0-5.el7ost	RHBA-2016:1792
openstack-trove-taskmanager	4.0.0-5.el7ost	RHBA-2016:1792
python-XStatic-Font-Awesome	4.3.0.0-2.el7ost	RHBA-2016:1792
python-cinder	7.0.2-3.el7ost	RHBA-2016:1788
python-django-horizon	8.0.1-5.el7ost	RHBA-2016:1795
python-manila	1.0.1-4.el7ost	RHBA-2016:1792
python-nova	12.0.4-6.el7ost	RHBA-2016:1794
python-nova	12.0.4-8.el7ost	RHBA-2016:1787
python-oslo-messaging	2.5.0-9.el7ost	RHBA-2016:1792
python-trove	4.0.0-5.el7ost	RHBA-2016:1792
rabbitmq-server	3.3.5-23.el7ost	RHBA-2016:1792

14.2. Red Hat OpenStack Platform Director 8.0

The following table outlines the packages included in the **rhel-7-server-openstack-8-director-rpms** channel.

Table 23. Red Hat OpenStack Platform Director 8.0 Packages

Name	Version	Advisory
openstack-tripleo-heat-templates	0.8.14-18.el7ost	RHBA-2016:1786
openstack-tripleo-heat-templates-kilo	0.8.14-18.el7ost	RHBA-2016:1786
os-net-config	0.2.3-4.el7ost	RHBA-2016:1786

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 14 September, 2016.

15.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the **rhel1-7-server-openstack-8-rpms** channel.

Table 24. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
openstack-heat-api	5.0.1-8.el7ost	RHBA-2016:1871
openstack-heat-api-cfn	5.0.1-8.el7ost	RHBA-2016:1871
openstack-heat-api-cloudwatch	5.0.1-8.el7ost	RHBA-2016:1871
openstack-heat-common	5.0.1-8.el7ost	RHBA-2016:1871
openstack-heat-engine	5.0.1-8.el7ost	RHBA-2016:1871
openstack-neutron	7.1.1-5.el7ost	RHBA-2016:1872
openstack-neutron-bigswitch	7.1.1-5.el7ost	RHBA-2016:1872
openstack-neutron-brocade	7.1.1-5.el7ost	RHBA-2016:1872
openstack-neutron-cisco	7.1.1-5.el7ost	RHBA-2016:1872
openstack-neutron-common	7.1.1-5.el7ost	RHBA-2016:1872
openstack-neutron-dev-server	7.1.1-5.el7ost	RHBA-2016:1872
openstack-neutron-embrane	7.1.1-5.el7ost	RHBA-2016:1872
openstack-neutron-linuxbridge	7.1.1-5.el7ost	RHBA-2016:1872
openstack-neutron-mellanox	7.1.1-5.el7ost	RHBA-2016:1872
openstack-neutron-metering-agent	7.1.1-5.el7ost	RHBA-2016:1872
openstack-neutron-ml2	7.1.1-5.el7ost	RHBA-2016:1872
openstack-neutron-nuage	7.1.1-5.el7ost	RHBA-2016:1872
openstack-neutron-ofagent	7.1.1-5.el7ost	RHBA-2016:1872

Name	Version	Advisory
openstack-neutron-oneconvergence-nvsd	7.1.1-5.el7ost	RHBA-2016:1872
openstack-neutron-opencontrail	7.1.1-5.el7ost	RHBA-2016:1872
openstack-neutron-openvswitch	7.1.1-5.el7ost	RHBA-2016:1872
openstack-neutron-ovsvapp	7.1.1-5.el7ost	RHBA-2016:1872
openstack-neutron-rpc-server	7.1.1-5.el7ost	RHBA-2016:1872
openstack-neutron-sriov-nic-agent	7.1.1-5.el7ost	RHBA-2016:1872
python-neutron	7.1.1-5.el7ost	RHBA-2016:1872
python-neutron-tests	7.1.1-5.el7ost	RHBA-2016:1872

16. UPDATE ON 10 OCTOBER, 2016

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 10 October, 2016.

16.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the **rhe1-7-server-openstack-8-rpms** channel.

Table 25. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
python-django	1.8.15-1.el7ost	RHSA-2016:2042
python-django-bash-completion	1.8.15-1.el7ost	RHSA-2016:2042

17. UPDATE ON 11 OCTOBER, 2016

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 11 October, 2016.

17.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the **rhe1-7-server-openstack-8-rpms** channel.

Table 26. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
openstack-cinder	7.0.2-4.el7ost	RHBA-2016:2050
openstack-neutron	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-bigswitch	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-brocade	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-cisco	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-common	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-dev-server	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-embrane	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-linuxbridge	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-mellanox	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-metering-agent	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-ml2	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-nuage	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-ofagent	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-oneconvergence-nvsd	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-opencontrail	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-openvswitch	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-ovsvapp	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-rpc-server	7.1.1-7.el7ost	RHBA-2016:2052
openstack-neutron-sriov-nic-agent	7.1.1-7.el7ost	RHBA-2016:2052
python-cinder	7.0.2-4.el7ost	RHBA-2016:2050
python-glanceclient	1.1.1-2.el7ost	RHBA-2016:2051
python-networking-cisco	2.1.1-2.el7ost	RHBA-2016:2052

Name	Version	Advisory
python-neutron	7.1.1-7.el7ost	RHBA-2016:2052
python-neutron-tests	7.1.1-7.el7ost	RHBA-2016:2052

17.2. Red Hat OpenStack Platform 8.0 Operational Tools

The following table outlines the packages included in the **rhel-7-server-openstack-8-tools-rpms** channel.

Table 27. Red Hat OpenStack Platform 8.0 Operational Tools Packages

Name	Version	Advisory
python-glanceclient	1.1.1-2.el7ost	RHBA-2016:2051

17.3. Red Hat OpenStack Platform 8.0 Tools for RHEL 7 Desktop

The following table outlines the packages included in the **rhel-7-desktop-openstack-8-tools-rpms** channel.

Table 28. Red Hat OpenStack Platform 8.0 Tools for RHEL 7 Desktop Packages

Name	Version	Advisory
python-glanceclient	1.1.1-2.el7ost	RHBA-2016:2051

17.4. Red Hat OpenStack Platform 8.0 Tools for RHEL 7 Workstation

The following table outlines the packages included in the **rhel-7-workstation-openstack-8-tools-rpms** channel.

Table 29. Red Hat OpenStack Platform 8.0 Tools for RHEL 7 Workstation Packages

Name	Version	Advisory
python-glanceclient	1.1.1-2.el7ost	RHBA-2016:2051

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 18 October, 2016.

18.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the **rhel1-7-server-openstack-8-rpms** channel.

Table 30. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
mariadb-galera-common	5.5.42-5.el7ost	RHSA-2016:2077
mariadb-galera-server	5.5.42-5.el7ost	RHSA-2016:2077

19. UPDATE ON 26 OCTOBER, 2016

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 26 October, 2016.

19.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the **rhel1-7-server-openstack-8-rpms** channel.

Table 31. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
openstack-manila-ui	1.2.0-2.el7ost	RHSA-2016:2116
openstack-puppet-modules	7.1.4-1.el7ost	RHBA-2016:2111
openstack-swift	2.5.0-3.el7ost	RHBA-2016:2114
openstack-swift-account	2.5.0-3.el7ost	RHBA-2016:2114
openstack-swift-container	2.5.0-3.el7ost	RHBA-2016:2114
openstack-swift-object	2.5.0-3.el7ost	RHBA-2016:2114
openstack-swift-proxy	2.5.0-3.el7ost	RHBA-2016:2114
python-swiftclient	2.6.0-2.el7ost	RHBA-2016:2114

19.2. Red Hat OpenStack Platform 8.0 Tools for RHEL 7 Server

The following table outlines the packages included in the **rhel-7-server-openstack-8-tools-rpms** channel.

Table 32. Red Hat OpenStack Platform 8.0 Tools for RHEL 7 Server Packages

Name	Version	Advisory
python-swiftclient	2.6.0-2.el7ost	RHBA-2016:2114

19.3. Red Hat OpenStack Platform 8.0 Tools for RHEL 7 Desktop

The following table outlines the packages included in the **rhel-7-desktop-openstack-8-tools-rpms** channel.

Table 33. Red Hat OpenStack Platform 8.0 Tools for RHEL 7 Desktop Packages

Name	Version	Advisory
python-swiftclient	2.6.0-2.el7ost	RHBA-2016:2114

19.4. Red Hat OpenStack Platform 8.0 Tools for RHEL 7 Workstation

The following table outlines the packages included in the **rhel-7-workstation-openstack-8-tools-rpms** channel.

Table 34. Red Hat OpenStack Platform 8.0 Tools for RHEL 7 Workstation Packages

Name	Version	Advisory
python-swiftclient	2.6.0-2.el7ost	RHBA-2016:2114

20. UPDATE ON 07 NOVEMBER, 2016

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 07 November, 2016.

20.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the **rhel-7-server-openstack-8-rpms** channel.

Table 35. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
qemu-img-rhev	2.6.0-27.el7	RHSA-2016:2670
qemu-kvm-common-rhev	2.6.0-27.el7	RHSA-2016:2670
qemu-kvm-rhev	2.6.0-27.el7	RHSA-2016:2670
qemu-kvm-tools-rhev	2.6.0-27.el7	RHSA-2016:2670

21. UPDATE ON 14 NOVEMBER, 2016

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 14 November, 2016.

21.1. Red Hat OpenStack Platform 8.0

The following table outlines the packages included in the `rhe1-7-server-openstack-8-rpms` channel.

Table 36. Red Hat OpenStack Platform 8.0 Packages

Name	Version	Advisory
diskimage-builder	1.11.1-2.el7ost	RHBA-2016:2708
openstack-aodh-api	1.1.3-1.el7ost	RHBA-2016:2712
openstack-aodh-common	1.1.3-1.el7ost	RHBA-2016:2712
openstack-aodh-compatible	1.1.3-1.el7ost	RHBA-2016:2712
openstack-aodh-evaluator	1.1.3-1.el7ost	RHBA-2016:2712
openstack-aodh-expirer	1.1.3-1.el7ost	RHBA-2016:2712
openstack-aodh-listener	1.1.3-1.el7ost	RHBA-2016:2712
openstack-aodh-notifier	1.1.3-1.el7ost	RHBA-2016:2712
openstack-ceilometer-alarm	5.0.5-1.el7ost	RHBA-2016:2714
openstack-ceilometer-api	5.0.5-1.el7ost	RHBA-2016:2714
openstack-ceilometer-central	5.0.5-1.el7ost	RHBA-2016:2714

Name	Version	Advisory
openstack-ceilometer-collector	5.0.5-1.el7ost	RHBA-2016:2714
openstack-ceilometer-common	5.0.5-1.el7ost	RHBA-2016:2714
openstack-ceilometer-compute	5.0.5-1.el7ost	RHBA-2016:2714
openstack-ceilometer-ipmi	5.0.5-1.el7ost	RHBA-2016:2714
openstack-ceilometer-notification	5.0.5-1.el7ost	RHBA-2016:2714
openstack-ceilometer-polling	5.0.5-1.el7ost	RHBA-2016:2714
openstack-ironic-api	4.2.5-3.el7ost	RHBA-2016:2709
openstack-ironic-common	4.2.5-3.el7ost	RHBA-2016:2709
openstack-ironic-conductor	4.2.5-3.el7ost	RHBA-2016:2709
openstack-keystone	8.0.1-3.el7ost	RHBA-2016:2711
openstack-nova	12.0.4-16.el7ost	RHBA-2016:2713
openstack-nova-api	12.0.4-16.el7ost	RHBA-2016:2713
openstack-nova-cells	12.0.4-16.el7ost	RHBA-2016:2713
openstack-nova-cert	12.0.4-16.el7ost	RHBA-2016:2713
openstack-nova-common	12.0.4-16.el7ost	RHBA-2016:2713
openstack-nova-compute	12.0.4-16.el7ost	RHBA-2016:2713
openstack-nova-conductor	12.0.4-16.el7ost	RHBA-2016:2713
openstack-nova-console	12.0.4-16.el7ost	RHBA-2016:2713
openstack-nova-network	12.0.4-16.el7ost	RHBA-2016:2713
openstack-nova-novncproxy	12.0.4-16.el7ost	RHBA-2016:2713
openstack-nova-objectstore	12.0.4-16.el7ost	RHBA-2016:2713
openstack-nova-scheduler	12.0.4-16.el7ost	RHBA-2016:2713
openstack-nova-serialproxy	12.0.4-16.el7ost	RHBA-2016:2713
openstack-nova-spicehtml5proxy	12.0.4-16.el7ost	RHBA-2016:2713

Name	Version	Advisory
openstack-selinux	0.7.11-1.el7ost	RHBA-2016:2708
python-aodh	1.1.3-1.el7ost	RHBA-2016:2712
python-ceilometer	5.0.5-1.el7ost	RHBA-2016:2714
python-django-openstack-auth	2.0.1-3.el7ost	RHBA-2016:2710
python-jsonpath-rw-ext	0.1.7-1.3.el7ost	RHBA-2016:2712
python-keystone	8.0.1-3.el7ost	RHBA-2016:2711
python-nova	12.0.4-16.el7ost	RHBA-2016:2713
python-os-brick	0.5.0-3.el7ost	RHBA-2016:2712
python-oslo-concurrency	2.6.1-1.el7ost	RHBA-2016:2712
python-oslo-messaging	2.5.0-10.el7ost	RHBA-2016:2712
python-websockify	0.8.0-1.el7	RHBA-2016:2712
rabbitmq-server	3.3.5-27.el7ost	RHBA-2016:2712
sahara-image-elements	3.0.0-6.el7ost	RHBA-2016:2712