



Red Hat OpenStack Platform 9 Package Manifest

Package Listing for Red Hat OpenStack Platform 9

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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CHAPTER 1. RELEASE SCHEDULE

The following table lists the dates of the Red Hat OpenStack Platform 9 GA, along with the dates of each subsequent asynchronous release for core components and the director:

Table 1.1. Red Hat OpenStack Platform 9 director release schedule

Release	Date
9.0.0 (General Availability)	August 24, 2016
Update	September 21, 2016

Table 1.2. Red Hat OpenStack Platform 9 core component release schedule

Release	Date
9.0.0 (General Availability)	August 24, 2016
Update	September 21, 2016
Update	October 05, 2016
Update	October 10, 2016
Update	October 13, 2016
Update	October 26, 2016
Update	November 07, 2016
Update	November 15, 2016

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.

2.1. DIRECTOR COMPONENTS

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

Table 2.1. Director Package List

Package Name	License	Designation
Cython	Python	Non-core
fio	GPLv2	Non-core
instack	ASL 2.0	Core
instack-undercloud	ASL 2.0	Core
ipxe-roms-qemu	GPLv2 and BSD	Non-core
ipxe-roms	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
python-ironic-python-agent	ASL 2.0	Core
openstack-ironic-python-agent	ASL 2.0	Core
openstack-tripleo	ASL 2.0	Core
openstack-tripleo-doc	ASL 2.0	Core

Package Name	License	Designation
openstack-tripleo-common	ASL 2.0	Non-core
openstack-tripleo-heat-templates-liberty	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
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-flask-babel	BSD	Non-core
python-hardware	ASL 2.0	Non-core
python-hardware-detect	ASL 2.0	Non-core
python-ironic-inspector-client	ASL 2.0	Core
python-ptyprocess	ISC	Non-core
python-tripleoclient	ASL 2.0	Core

Package Name	License	Designation
rhopsp-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 SSISSL 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 2.2. Core Package List

Package Name	License	Designation
python-babel	BSD	Non-core
cloud-utils-growpart	GPLv3	Non-core
crudini	GPLv2	Non-core
Cython	Python	Non-core
dibbler-relay	GPLv2	technology preview

Package Name	License	Designation
dibbler-requestor	GPLv2	technology preview
dibbler-server	GPLv2	technology preview
dibbler-client	GPLv2	technology preview
dib-utils	ASL 2.0	Non-core
diskimage-builder	ASL 2.0	Non-core
erlang-cosTime	ASL 2.0	Non-core
erlang-asn1	ASL 2.0	Non-core
erlang-ssh	ASL 2.0	Non-core
erlang-kernel	ASL 2.0	Non-core
erlang-inets	ASL 2.0	Non-core
erlang-cosNotification	ASL 2.0	Non-core
erlang-runtime_tools	ASL 2.0	Non-core
erlang-parsetools	ASL 2.0	Non-core
erlang-xmerl	ASL 2.0	Non-core
erlang-erl_interface	ASL 2.0	Non-core
erlang-snmp	ASL 2.0	Non-core
erlang-orber	ASL 2.0	Non-core
erlang-cosProperty	ASL 2.0	Non-core
erlang-odbc	ASL 2.0	Non-core
erlang-ssl	ASL 2.0	Non-core
erlang-public_key	ASL 2.0	Non-core
erlang	ASL 2.0	Non-core
erlang-otp_mibs	ASL 2.0	Non-core
erlang-erl_docgen	ASL 2.0	Non-core

Package Name	License	Designation
erlang-cosEventDomain	ASL 2.0	Non-core
erlang-erts	ASL 2.0	Non-core
erlang-ic	ASL 2.0	Non-core
erlang-cosEvent	ASL 2.0	Non-core
erlang-cosTransactions	ASL 2.0	Non-core
erlang-syntax_tools	ASL 2.0	Non-core
erlang-stdlib	ASL 2.0	Non-core
erlang-ose	ASL 2.0	Non-core
erlang-cosFileTransfer	ASL 2.0	Non-core
erlang-crypto	ASL 2.0	Non-core
erlang-sasl	ASL 2.0	Non-core
erlang-os_mon	ASL 2.0	Non-core
erlang-diameter	ASL 2.0	Non-core
erlang-mnesia	ASL 2.0	Non-core
erlang-compiler	ASL 2.0	Non-core
erlang-ldap	ASL 2.0	Non-core
erlang-edoc	ASL 2.0	Non-core
erlang-eunit	ASL 2.0	Non-core
erlang-percept	ASL 2.0	Non-core
erlang-tools	ASL 2.0	Non-core
erlang-hipe	ASL 2.0	Non-core
erlang-sd_notify	MIT	Non-core
facter	ASL 2.0	Non-core
fontawesome-fonts-web	OFL ; MIT	Non-core

Package Name	License	Designation
fontawesome-fonts	OFL ; MIT	Non-core
galera	GPLv2	Non-core
python-google-api-client	ASL 2.0	Non-core
hdf5	BSD	Non-core
heat-cfntools	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
keycloak-httpd-client-install	GPLv3	Non-core
python-keycloak-httpd-client-install	GPLv3	Non-core
liberasurecode	BSD and CRC32	Non-core
libstemmer	BSD	Non-core
lz4	GPLv2+ and BSD	Non-core
mariadb-galera-server	GPLv2 with exceptions and LGPLv2 and BSD	Non-core
mariadb-galera-common	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	MPL 2.0 and GPLv3 and LGPLv3 and BSD and zlib and OFL 1.1	Core
opendaylight	EPL-1.0	technology preview
python-aodh-tests	ASL 2.0	technology preview

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

Package Name	License	Designation
openstack-designate-agent	ASL 2.0	technology preview
openstack-designate-common	ASL 2.0	technology preview
openstack-designate-central	ASL 2.0	technology preview
openstack-designate-mdns	ASL 2.0	technology preview
openstack-designate-api	ASL 2.0	technology preview
python-designate-tests	ASL 2.0	technology preview
python-designate	ASL 2.0	technology preview
openstack-designate-sink	ASL 2.0	technology preview
openstack-ec2-api	ASL 2.0	Non-core
python-ec2-api	ASL 2.0	Non-core
python-glance-tests	ASL 2.0	Core
openstack-glance	ASL 2.0	Core
python-glance	ASL 2.0	Core
openstack-gnocchi-carbonara	ASL 2.0	Core
openstack-gnocchi-statsd	ASL 2.0	Core
openstack-gnocchi-common	ASL 2.0	Core
python-gnocchi	ASL 2.0	Core
openstack-gnocchi-metricd	ASL 2.0	Core
python-gnocchi-tests	ASL 2.0	Core
openstack-gnocchi-api	ASL 2.0	Core
openstack-gnocchi-indexer-sqlalchemy	ASL 2.0	Core
openstack-heat-common	ASL 2.0	Core
openstack-heat-api	ASL 2.0	Core
openstack-heat-api-cloudwatch	ASL 2.0	Core

Package Name	License	Designation
python-heat-tests	ASL 2.0	Core
openstack-heat-engine	ASL 2.0	Core
openstack-heat-api-cfn	ASL 2.0	Core
openstack-heat-templates	ASL 2.0	Core
openstack-ironic-conductor	ASL 2.0	Core
python-ironic-tests	ASL 2.0	Core
openstack-ironic-common	ASL 2.0	Core
openstack-ironic-api	ASL 2.0	Core
python-keystone	ASL 2.0	Core
python-keystone-tests	ASL 2.0	Core
openstack-keystone	ASL 2.0	Core
python-manila-tests	ASL 2.0	technology preview
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-bgp-dragent	ASL 2.0	Core
openstack-neutron-common	ASL 2.0	Core
openstack-neutron-linuxbridge	ASL 2.0	Core
openstack-neutron-metering-agent	ASL 2.0	Core
openstack-neutron-openvswitch	ASL 2.0	Core
openstack-neutron-rpc-server	ASL 2.0	Core
openstack-neutron	ASL 2.0	Core

Package Name	License	Designation
openstack-neutron-macvtap-agent	ASL 2.0	Core
openstack-neutron-ml2	ASL 2.0	Core
openstack-neutron-sriov-nic-agent	ASL 2.0	Core
python-neutron	ASL 2.0	Core
python-neutron-tests	ASL 2.0	Core
openstack-neutron-fwaas	ASL 2.0	technology preview
python-neutron-fwaas-tests	ASL 2.0	technology preview
python-neutron-fwaas	ASL 2.0	technology preview
openstack-neutron-lbaas	ASL 2.0	Core
python-neutron-lbaas-tests	ASL 2.0	Core
python-neutron-lbaas	ASL 2.0	Core
openstack-neutron-lbaas-ui	ASL 2.0	Non-core
python-neutron-vpnaas	ASL 2.0	technology preview
openstack-neutron-vpnaas	ASL 2.0	technology preview
python-neutron-vpnaas-tests	ASL 2.0	technology preview
openstack-neutron-vyatta-agent	ASL 2.0	technology preview
python-nova-tests	ASL 2.0	Core
openstack-nova-compute	ASL 2.0	Core
openstack-nova-console	ASL 2.0	Core
openstack-nova-serialproxy	ASL 2.0	Core
openstack-nova-api	ASL 2.0	Core
openstack-nova-spicehtml5proxy	ASL 2.0	Core
openstack-nova-conductor	ASL 2.0	Core

Package Name	License	Designation
openstack-nova-cert	ASL 2.0	Core
openstack-nova-scheduler	ASL 2.0	Core
openstack-nova	ASL 2.0	Core
openstack-nova-novncproxy	ASL 2.0	Core
python-nova	ASL 2.0	Core
openstack-nova-network	ASL 2.0	Core
openstack-nova-common	ASL 2.0	Core
openstack-nova-cells	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-engine	ASL 2.0	Core
openstack-sahara-common	ASL 2.0	Core
openstack-sahara	ASL 2.0	Core
python-sahara	ASL 2.0	Core
python-sahara-tests	ASL 2.0	Core
openstack-sahara-api	ASL 2.0	Core
openstack-sahara-ui	ASL 2.0	Non-core
openstack-selinux	GPLv2	Core
openstack-swift-object	ASL 2.0	Core
openstack-swift-container	ASL 2.0	Core
python-swift-tests	ASL 2.0	Core
openstack-swift	ASL 2.0	Core

Package Name	License	Designation
openstack-swift-account	ASL 2.0	Core
openstack-swift-proxy	ASL 2.0	Core
openstack-swift-plugin-swift3	ASL 2.0	Non-core
openstack-tempest	ASL 2.0	Core
openstack-trove-guestagent	ASL 2.0	technology preview
openstack-trove-taskmanager	ASL 2.0	technology preview
python-trove-tests	ASL 2.0	technology preview
python-trove	ASL 2.0	technology preview
openstack-trove-common	ASL 2.0	technology preview
openstack-trove	ASL 2.0	technology preview
openstack-trove-conductor	ASL 2.0	technology preview
openstack-trove-api	ASL 2.0	technology preview
openstack-utils	ASL 2.0	Non-core
openstack-zaqar	ASL 2.0	technology preview
python-zaqar-tests	ASL 2.0	technology preview
openvswitch	ASL 2.0 and LGPLv2+ and SISSL	Non-core
python-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
pyflakes	MIT	Non-core

Package Name	License	Designation
pyparsing	MIT	Non-core
pysendfile	MIT	Non-core
pyserial	Python	Non-core
pysnmp	BSD	Non-core
pystache	MIT	Non-core
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
python-boto	MIT	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-cffi	MIT	Non-core
python-characteristic	MIT	Non-core
python-cheetah	MIT	Non-core

Package Name	License	Designation
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-colorama	BSD	Non-core
python-contextlib2	Python	Non-core
python-cradox	LGPLv2	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-ddt	MIT	Non-core
python-debtcollector	ASL 2.0	Non-core
python-designateclient	ASL 2.0	technology preview
python-designateclient-tests	ASL 2.0	technology preview
python-django-bash-completion	BSD	Non-core
python-django	BSD	Non-core
python-django-appconf	BSD	Non-core
python-django-compressor	MIT	Non-core
python-django-horizon	ASL 2.0 and BSD	Core
openstack-dashboard	ASL 2.0 and BSD	Core
openstack-dashboard-theme	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

Package Name	License	Designation
python-dogpile-cache	BSD	Non-core
python-dogpile-Core	BSD	Non-core
python-dracclient	ASL 2.0	Non-core
python-ecdsa	MIT	Non-core
python-editor	ASL 2.0	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-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-glanceclient	ASL 2.0	Core
python-glance-store	ASL 2.0	Non-core
python-gnocchiclient	ASL 2.0	technology preview
python2-hacking	ASL 2.0	Non-core
python-heatclient	ASL 2.0	Core
python-httplib2	MIT	Non-core
python-idna	BSD and Python and Unicode	Non-core

Package Name	License	Designation
python-lmcSdk	ASL 2.0	Non-core
python-ipaddress	Python	Non-core
python-ironic-cisco	ASL 2.0	Non-core
python-ironicclient	ASL 2.0	Core
python-ironic-lib	ASL 2.0	Non-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-jsonrpc-lib	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-ldap3	LGPLv2+	Non-core
python-ldappool	MPLv1.1 and GPLv2+ and LGPLv2+	Non-core
python-lesscpy	MIT	Non-core
python-linecache2	Python	Non-core

Package Name	License	Designation
python-lockfile	MIT	Non-core
python-logutils	BSD	Non-core
python-lxml	BSD	Non-core
python-lz4	BSD	Non-core
python-manilaclient	ASL 2.0	technology preview
python-markdown	BSD	Non-core
python-mccabe	MIT	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-mox3	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

Package Name	License	Designation
python-networkx	BSD	Non-core
python-networkx-Core	BSD	Non-core
python-neutronclient	ASL 2.0	Core
python-neutronclient-tests	ASL 2.0	Core
python-neutron-lib	ASL 2.0	Non-core
python-neutron-lib-tests	ASL 2.0	Non-core
python-novaclient	ASL 2.0	Core
python-numexpr	MIT	Non-core
python-oauth2client	ASL 2.0	Non-core
python-oauthlib	BSD	Non-core
python-openstackclient	ASL 2.0	Core
python-openstacksdk-tests	ASL 2.0	Non-core
python-openstacksdk	ASL 2.0	Non-core
python-os-brick	ASL 2.0	Non-core
python-os-client-config	ASL 2.0	Non-core
python-oslo-cache	ASL 2.0	Non-core
python-oslo-cache-tests	ASL 2.0	Non-core
python-oslo-concurrency	ASL 2.0	Non-core
python-oslo-concurrency-tests	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	ASL 2.0	Non-core
python-oslo-db-tests	ASL 2.0	Non-core

Package Name	License	Designation
python-oslo-i18n	ASL 2.0	Non-core
python-oslo-log	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-policy-tests	ASL 2.0	Non-core
python-oslo-policy	ASL 2.0	Non-core
python-oslo-reports-tests	ASL 2.0	Non-core
python-oslo-reports	ASL 2.0	Non-core
python-oslo-rootwrap-tests	ASL 2.0	Non-core
python-oslo-rootwrap	ASL 2.0	Non-core
python-oslo-serialization	ASL 2.0	Non-core
python-oslo-serialization-tests	ASL 2.0	Non-core
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-versionedobjects	ASL 2.0	Non-core
python-oslo-versionedobjects-tests	ASL 2.0	Non-core
python-oslo-vmware	ASL 2.0	Non-core

Package Name	License	Designation
python-osprofiler	ASL 2.0	Non-core
python-os-testr	ASL 2.0	Non-core
python-os-win	ASL 2.0	Non-core
python-pandas	BSD	Non-core
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-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-prettytable	BSD	Non-core
python-proliantutils	ASL 2.0	Non-core
python-psutil	BSD	Non-core
python-py	MIT and Public Domain	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

Package Name	License	Designation
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-PyMySQL	MIT	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-reno	ASL 2.0	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

Package Name	License	Designation
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-service-identity	MIT	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-snappy	BSD	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
python-sysv_ipc-examples	GPLv3+	Non-core
python-tables	BSD	Non-core
python-tablib	MIT	Non-core
python-taskflow	ASL 2.0	Non-core

Package Name	License	Designation
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-too	ASL 2.0 ; 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-twisted	MIT	Non-core
python-txaio	MIT	Non-core
python-UcsSdk	ASL 2.0	Non-core
python-ujson	BSD	Non-core
python-unicodesv	BSD	Non-core
python-unittest2	BSD	Non-core
python-uri-templates	ASL 2.0	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

Package Name	License	Designation
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
python-XStatic-Angular-Bootstrap	MIT	Non-core
python-XStatic-Angular-Gettext	MIT	Non-core
python-XStatic-Angular-Irdragndrop	MIT	Non-core
python-XStatic-Angular-Mock	MIT	Non-core
python-XStatic-Bootstrap-Datepicker	ASL 2.0	Non-core
python-XStatic-Bootstrap-SCSS	MIT	Non-core
python-XStatic-bootstrap	MIT	Non-core
bootswatch-common	MIT	Non-core
bootswatch-fonts	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
python-XStatic-Jasmine	MIT	Non-core
python-XStatic-jQuery	MIT	Non-core
python-XStatic-JQuery-Migrate	MIT	Non-core
python-XStatic-JQuery-quicksearch	MIT	Non-core
python-XStatic-JQuery-TableSorter	MIT	Non-core

Package Name	License	Designation
python-XStatic-jquery-ui	CCO	Non-core
python-XStatic-JSEncrypt	MIT	Non-core
python-XStatic-Magic-Search	ASL 2.0	Non-core
python-XStatic-mdi	OFL	Non-core
mdi-fonts	OFL	Non-core
mdi-common	OFL	Non-core
python-XStatic-QUnit	MIT	Non-core
python-XStatic-Rickshaw	MIT	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-Spin	MIT	Non-core
python-XStatic-termjs	MIT	Non-core
python-zake	ASL 2.0	Non-core
python-zaqarclient	ASL 2.0	Non-core
python-zope-interface	ZPLv2.1	Non-core
libcacard-rhev	GPLv2+ and LGPLv2+ and BSD	Non-core
libcacard-tools-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
qemu-kvm-common-rhev	GPLv2+ and LGPLv2+ and BSD	Non-core
qemu-kvm-rhev	GPLv2+ and LGPLv2+ and BSD	Non-core
rabbitmq-server	MPLv1.1	Non-core

Package Name	License	Designation
redis	BSD	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
sos	GPLv2+	Core
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
web-assets-httpd	MIT ; Public Domain	Non-core
yaml-cpp	MIT	Non-core

CHAPTER 3. RED HAT OPENSTACK PLATFORM 9.0

This section outlines the packages shipped in each channel released with the general availability of Red Hat OpenStack Platform 9.0.0.

3.1. RED HAT OPENSTACK PLATFORM 9 DIRECTOR

The following table outlines the packages included in the `rhel-7-server-openstack-9-director-rpms` channel.

Table 3.1. Red Hat OpenStack Platform 9 director Packages

Name	Version	Advisory
Cython	0.21.1-1.el7ost	RHEA-2016:1599
fio	2.2.10-1.el7ost	RHEA-2016:1599
instack	0.0.8-3.el7ost	RHEA-2016:1599
instack-undercloud	4.0.0-13.el7ost	RHBA-2016:1766
ipxe-bootimgs	20160127-1.git6366fa7a.el7	RHEA-2016:1599
ipxe-roms	20160127-1.git6366fa7a.el7	RHEA-2016:1599
ipxe-roms-qemu	20160127-1.git6366fa7a.el7	RHEA-2016:1599
openstack-ironic-inspector	3.2.2-4.el7ost	RHEA-2016:1599
openstack-ironic-inspector-doc	3.2.2-4.el7ost	RHEA-2016:1599
openstack-ironic-python-agent	1.2.2-3.el7ost	RHEA-2016:1599
openstack-tripleo	0.0.8-0.2.d81bd6dgit.el7ost	RHEA-2016:1599
openstack-tripleo-common	2.0.0-8.el7ost	RHEA-2016:1599
openstack-tripleo-doc	0.0.8-0.2.d81bd6dgit.el7ost	RHEA-2016:1599
openstack-tripleo-heat-templates	2.0.0-33.el7ost	RHBA-2016:1766
openstack-tripleo-heat-templates-liberty	2.0.0-33.el7ost	RHBA-2016:1766
openstack-tripleo-image-elements	0.9.9-6.el7ost	RHEA-2016:1599

Name	Version	Advisory
openstack-tripleo-puppet-elements	2.0.0-4.el7ost	RHEA-2016:1599
openwsman-python	2.3.6-13.el7	RHEA-2016:1599
os-apply-config	0.1.32-6.el7ost	RHEA-2016:1599
os-cloud-config	0.4.1-6.el7ost	RHEA-2016:1599
os-collect-config	0.1.37-6.el7ost	RHEA-2016:1599
os-net-config	0.2.4-5.el7ost	RHBA-2016:1766
os-refresh-config	0.1.11-5.el7ost	RHEA-2016:1599
python-flask-babel	0.9-3.el7ost	RHEA-2016:1599
python-hardware	0.17.1-0.20160217225319.790d92a.el7ost	RHEA-2016:1599
python-hardware-detect	0.17.1-0.20160217225319.790d92a.el7ost	RHEA-2016:1599
python-ironic-inspector-client	1.5.0-3.el7ost	RHEA-2016:1599
python-ironic-python-agent	1.2.2-3.el7ost	RHEA-2016:1599
python-ptyprocess	0.4-1.el7ost	RHEA-2016:1599
python-tripleoclient	2.0.0-3.el7ost	RHBA-2016:1766
rhosp-director-images	9.0-20160818.1.el7ost	RHEA-2016:1765
rhosp-director-images-ipa	9.0-20160818.1.el7ost	RHEA-2016:1765
sysbench	0.4.12-12.el7ost	RHEA-2016:1599

3.2. RED HAT OPENSTACK PLATFORM 9

The following table outlines the packages included in the **rhel-7-server-openstack-9-rpms** channel.

Table 3.2. Red Hat OpenStack Platform 9 Packages

Name	Version	Advisory
Cython	0.21.1-1.el7ost	RHEA-2016:1597
bootswatch-common	3.3.5.3-2.1.el7ost	RHEA-2016:1597
bootswatch-fonts	3.3.5.3-2.1.el7ost	RHEA-2016:1597
cloud-utils-growpart	0.27-13.el7	RHEA-2016:1597
crudini	0.7-2.el7ost	RHEA-2016:1597
dib-utils	0.0.9-1.el7ost	RHEA-2016:1597
dibbler-client	1.0.1-0.RC1.2.el7ost	RHEA-2016:1597
dibbler-relay	1.0.1-0.RC1.2.el7ost	RHEA-2016:1597
dibbler-requestor	1.0.1-0.RC1.2.el7ost	RHEA-2016:1597
dibbler-server	1.0.1-0.RC1.2.el7ost	RHEA-2016:1597
diskimage-builder	1.13.0-1.el7ost	RHEA-2016:1597
dnsmasq-utils	2.66-14.el7_1	RHEA-2016:1597
erlang	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-asn1	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-compiler	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-cosEvent	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-cosEventDomain	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-cosFileTransfer	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-cosNotification	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-cosProperty	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-cosTime	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-cosTransactions	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-crypto	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-diameter	18.3.4.1-1.el7ost	RHEA-2016:1597

Name	Version	Advisory
erlang-edoc	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-eldap	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-erl_docgen	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-erl_interface	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-erts	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-eunit	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-hipe	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-ic	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-inets	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-kernel	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-mnesia	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-odbc	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-orber	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-os_mon	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-ose	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-otp_mibs	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-parsetools	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-percept	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-public_key	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-runtime_tools	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-sasl	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-sd_notify	0.1-9.el7ost	RHEA-2016:1597
erlang-snmp	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-ssh	18.3.4.1-1.el7ost	RHEA-2016:1597

Name	Version	Advisory
erlang-ssl	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-stdlib	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-syntax_tools	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-tools	18.3.4.1-1.el7ost	RHEA-2016:1597
erlang-xmerl	18.3.4.1-1.el7ost	RHEA-2016:1597
facter	2.4.4-3.el7ost	RHEA-2016:1597
fontawesome-fonts	4.4.0-1.el7ost	RHEA-2016:1597
fontawesome-fonts-web	4.4.0-1.el7ost	RHEA-2016:1597
galera	25.3.5-7.el7ost	RHEA-2016:1597
hdf5	1.8.13-7.el7ost	RHEA-2016:1597
heat-cfntools	1.3.0-2.el7ost	RHEA-2016:1597
hiera	1.3.4-1.el7	RHEA-2016:1597
ipmitool	1.8.15-0.1.el7ost	RHEA-2016:1597
jq	1.3-3.el7ost	RHEA-2016:1597
keycloak-httpd-client-install	0.4-1.el7ost	RHEA-2016:1597
libcacard-rhev	2.3.0-31.el7_2.21	RHSA-2016:1763
libcacard-tools-rhev	2.3.0-31.el7_2.21	RHSA-2016:1763
liberasurecode	1.1.1-1.el7ost	RHEA-2016:1597
libstemmer	0-2.585svn.el7ost	RHEA-2016:1597
libxslt-python	1.1.28-5.el7	RHEA-2016:1597
lz4	r131-2.el7ost	RHEA-2016:1597
mariadb-galera-common	5.5.42-2.el7ost	RHEA-2016:1597
mariadb-galera-server	5.5.42-2.el7ost	RHEA-2016:1597
mdi-common	1.1.70.1-2.1.el7ost	RHEA-2016:1597

Name	Version	Advisory
mdi-fonts	1.1.70.1-2.1.el7ost	RHEA-2016:1597
memcached	1.4.15-9.4.el7ost	RHEA-2016:1597
mongodb	2.6.11-1.el7ost	RHEA-2016:1597
mongodb-server	2.6.11-1.el7ost	RHEA-2016:1597
novnc	0.6.1-1.el7ost	RHEA-2016:1597
opendaylight	1.0.2-1.el7ost	RHEA-2016:1597
openstack-aodh-api	2.0.3-2.el7ost	RHEA-2016:1597
openstack-aodh-common	2.0.3-2.el7ost	RHEA-2016:1597
openstack-aodh-compatible	2.0.3-2.el7ost	RHEA-2016:1597
openstack-aodh-evaluator	2.0.3-2.el7ost	RHEA-2016:1597
openstack-aodh-expirer	2.0.3-2.el7ost	RHEA-2016:1597
openstack-aodh-listener	2.0.3-2.el7ost	RHEA-2016:1597
openstack-aodh-notifier	2.0.3-2.el7ost	RHEA-2016:1597
openstack-ceilometer-api	6.1.3-2.el7ost	RHEA-2016:1597
openstack-ceilometer-central	6.1.3-2.el7ost	RHEA-2016:1597
openstack-ceilometer-collector	6.1.3-2.el7ost	RHEA-2016:1597
openstack-ceilometer-common	6.1.3-2.el7ost	RHEA-2016:1597
openstack-ceilometer-compute	6.1.3-2.el7ost	RHEA-2016:1597
openstack-ceilometer-ipmi	6.1.3-2.el7ost	RHEA-2016:1597
openstack-ceilometer-notification	6.1.3-2.el7ost	RHEA-2016:1597
openstack-ceilometer-polling	6.1.3-2.el7ost	RHEA-2016:1597
openstack-cinder	8.1.0-1.el7ost	RHBA-2016:1760
openstack-dashboard	9.0.1-2.el7ost	RHBA-2016:1757
openstack-dashboard-theme	9.0.1-2.el7ost	RHBA-2016:1757

Name	Version	Advisory
openstack-designate-agent	2.0.0-1.el7ost	RHEA-2016:1597
openstack-designate-api	2.0.0-1.el7ost	RHEA-2016:1597
openstack-designate-central	2.0.0-1.el7ost	RHEA-2016:1597
openstack-designate-common	2.0.0-1.el7ost	RHEA-2016:1597
openstack-designate-mdns	2.0.0-1.el7ost	RHEA-2016:1597
openstack-designate-pool-manager	2.0.0-1.el7ost	RHEA-2016:1597
openstack-designate-sink	2.0.0-1.el7ost	RHEA-2016:1597
openstack-designate-zone-manager	2.0.0-1.el7ost	RHEA-2016:1597
openstack-ec2-api	2.0.0-2.el7ost	RHEA-2016:1597
openstack-glance	12.0.0-1.el7ost	RHEA-2016:1597
openstack-gnocchi-api	2.1.3-3.el7ost	RHBA-2016:1757
openstack-gnocchi-carbonara	2.1.3-3.el7ost	RHBA-2016:1757
openstack-gnocchi-common	2.1.3-3.el7ost	RHBA-2016:1757
openstack-gnocchi-indexer-sqlalchemy	2.1.3-3.el7ost	RHBA-2016:1757
openstack-gnocchi-metricd	2.1.3-3.el7ost	RHBA-2016:1757
openstack-gnocchi-statsd	2.1.3-3.el7ost	RHBA-2016:1757
openstack-heat-api	6.0.0-8.el7ost	RHEA-2016:1597
openstack-heat-api-cfn	6.0.0-8.el7ost	RHEA-2016:1597
openstack-heat-api-cloudwatch	6.0.0-8.el7ost	RHEA-2016:1597
openstack-heat-common	6.0.0-8.el7ost	RHEA-2016:1597
openstack-heat-engine	6.0.0-8.el7ost	RHEA-2016:1597
openstack-heat-templates	0-0.3.96a0b0bgit.el7ost	RHEA-2016:1597
openstack-ironic-api	5.1.2-3.el7ost	RHEA-2016:1597

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openstack-ironic-common	5.1.2-3.el7ost	RHEA-2016:1597
openstack-ironic-conductor	5.1.2-3.el7ost	RHEA-2016:1597
openstack-keystone	9.0.2-1.el7ost	RHEA-2016:1597
openstack-manila	2.0.0-5.el7ost	RHBA-2016:1757
openstack-manila-share	2.0.0-5.el7ost	RHBA-2016:1757
openstack-manila-ui	2.1.0-1.el7ost	RHEA-2016:1597
openstack-neutron	8.1.2-4.el7ost	RHBA-2016:1759
openstack-neutron-bgp-dragent	8.1.2-4.el7ost	RHBA-2016:1759
openstack-neutron-bigswitch-agent	2015.3.8-1.el7ost	RHEA-2016:1597
openstack-neutron-bigswitch-lldp	2015.3.8-1.el7ost	RHEA-2016:1597
openstack-neutron-common	8.1.2-4.el7ost	RHBA-2016:1759
openstack-neutron-fwaas	8.0.0-3.el7ost	RHEA-2016:1597
openstack-neutron-lbaas	8.0.0-1.el7ost	RHEA-2016:1597
openstack-neutron-lbaas-ui	1.0.1-0.20160606131231.b85927d.el7ost	RHEA-2016:1597
openstack-neutron-linuxbridge	8.1.2-4.el7ost	RHBA-2016:1759
openstack-neutron-macvtap-agent	8.1.2-4.el7ost	RHBA-2016:1759
openstack-neutron-metering-agent	8.1.2-4.el7ost	RHBA-2016:1759
openstack-neutron-ml2	8.1.2-4.el7ost	RHBA-2016:1759
openstack-neutron-openvswitch	8.1.2-4.el7ost	RHBA-2016:1759
openstack-neutron-rpc-server	8.1.2-4.el7ost	RHBA-2016:1759
openstack-neutron-sriov-nic-agent	8.1.2-4.el7ost	RHBA-2016:1759

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openstack-neutron-vpnaas	8.0.0-1.el7ost	RHEA-2016:1597
openstack-neutron-vyatta-agent	8.0.0-1.el7ost	RHEA-2016:1597
openstack-nova	13.1.1-2.el7ost	RHBA-2016:1758
openstack-nova-api	13.1.1-2.el7ost	RHBA-2016:1758
openstack-nova-cells	13.1.1-2.el7ost	RHBA-2016:1758
openstack-nova-cert	13.1.1-2.el7ost	RHBA-2016:1758
openstack-nova-common	13.1.1-2.el7ost	RHBA-2016:1758
openstack-nova-compute	13.1.1-2.el7ost	RHBA-2016:1758
openstack-nova-conductor	13.1.1-2.el7ost	RHBA-2016:1758
openstack-nova-console	13.1.1-2.el7ost	RHBA-2016:1758
openstack-nova-network	13.1.1-2.el7ost	RHBA-2016:1758
openstack-nova-novncproxy	13.1.1-2.el7ost	RHBA-2016:1758
openstack-nova-scheduler	13.1.1-2.el7ost	RHBA-2016:1758
openstack-nova-serialproxy	13.1.1-2.el7ost	RHBA-2016:1758
openstack-nova-spicehtml5proxy	13.1.1-2.el7ost	RHBA-2016:1758
openstack-packstack	8.0.0-4.el7ost	RHEA-2016:1597
openstack-packstack-puppet	8.0.0-4.el7ost	RHEA-2016:1597
openstack-puppet-modules	8.1.8-2.el7ost	RHBA-2016:1764
openstack-rally	0.3.3-1.el7ost	RHEA-2016:1597
openstack-sahara	4.0.1-2.el7ost	RHEA-2016:1597
openstack-sahara-api	4.0.1-2.el7ost	RHEA-2016:1597
openstack-sahara-common	4.0.1-2.el7ost	RHEA-2016:1597
openstack-sahara-engine	4.0.1-2.el7ost	RHEA-2016:1597
openstack-sahara-ui	4.0.0-3.el7ost	RHEA-2016:1597

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openstack-selinux	0.7.3-3.el7ost	RHEA-2016:1597
openstack-swift	2.7.0-2.el7ost	RHEA-2016:1597
openstack-swift-account	2.7.0-2.el7ost	RHEA-2016:1597
openstack-swift-container	2.7.0-2.el7ost	RHEA-2016:1597
openstack-swift-object	2.7.0-2.el7ost	RHEA-2016:1597
openstack-swift-plugin-swift3	1.10-1.el7ost	RHEA-2016:1597
openstack-swift-proxy	2.7.0-2.el7ost	RHEA-2016:1597
openstack-tempest	10.0.0-2.b4a056dgit.el7ost	RHEA-2016:1597
openstack-trove	5.0.1-1.el7ost	RHEA-2016:1597
openstack-trove-api	5.0.1-1.el7ost	RHEA-2016:1597
openstack-trove-common	5.0.1-1.el7ost	RHEA-2016:1597
openstack-trove-conductor	5.0.1-1.el7ost	RHEA-2016:1597
openstack-trove-guestagent	5.0.1-1.el7ost	RHEA-2016:1597
openstack-trove-taskmanager	5.0.1-1.el7ost	RHEA-2016:1597
openstack-utils	2015.2-1.el7ost	RHEA-2016:1597
openstack-zaqar	2.0.1-0.20160621211345.9fdbcf.el7ost	RHEA-2016:1597
openvswitch	2.4.0-1.el7	RHEA-2016:1597
openvswitch-dpdk	2.4.0-0.10346.git97bab959.2.el7	RHEA-2016:1597
oz	0.12.0-2.el7	RHEA-2016:1597
plotnetcfg	0.4.1-2.el7ost	RHEA-2016:1597
puppet	3.6.2-2.el7	RHEA-2016:1597
puppet-server	3.6.2-2.el7	RHEA-2016:1597
pyflakes	0.9.2-1.el7ost	RHEA-2016:1597

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pyparsing	2.0.3-1.el7ost	RHEA-2016:1597
pysendfile	2.0.0-9.el7ost	RHEA-2016:1597
pyserial	2.6-5.el7	RHEA-2016:1597
pysnmp	4.2.5-1.el7ost	RHEA-2016:1597
pystache	0.5.3-2.el7ost	RHEA-2016:1597
pytest	2.8.7-2.el7ost	RHEA-2016:1597
python-Bottleneck	0.6.0-4.el7ost	RHEA-2016:1597
python-ImcSdk	0.7.2-3.el7ost	RHEA-2016:1597
python-PyMySQL	0.6.7-2.2.el7ost	RHEA-2016:1597
python-UcsSdk	0.8.2.5-1.el7ost	RHEA-2016:1597
python-XStatic	1.0.1-3.el7ost	RHEA-2016:1597
python-XStatic-Angular	1.3.7.0-4.el7ost	RHEA-2016:1597
python-XStatic-Angular-Bootstrap	0.11.0.2-1.el7ost	RHEA-2016:1597
python-XStatic-Angular-Gettext	2.1.0.2-1.el7ost	RHEA-2016:1597
python-XStatic-Angular-Mock	1.2.1.1-2.el7ost	RHEA-2016:1597
python-XStatic-Angular-lrdragndrop	1.0.2.2-1.el7ost	RHEA-2016:1597
python-XStatic-Bootstrap-Datepicker	1.3.1.0-1.el7ost	RHEA-2016:1597
python-XStatic-Bootstrap-SCSS	3.2.0.0-1.el7ost	RHEA-2016:1597
python-XStatic-D3	3.1.6.2-2.el7ost	RHEA-2016:1597
python-XStatic-Font-Awesome	4.3.0.0-3.el7ost	RHEA-2016:1597
python-XStatic-Hogan	2.0.0.2-2.el7ost	RHEA-2016:1597
python-XStatic-JQuery-Migrate	1.2.1.1-2.el7ost	RHEA-2016:1597

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python-XStatic-JQuery-TableSorter	2.14.5.1-2.el7ost	RHEA-2016:1597
python-XStatic-JQuery-quicksearch	2.0.3.1-2.el7ost	RHEA-2016:1597
python-XStatic-JSEncrypt	2.0.0.2-2.el7ost	RHEA-2016:1597
python-XStatic-Jasmine	1.3.1.1-2.el7ost	RHEA-2016:1597
python-XStatic-Magic-Search	0.2.0.1-1.el7ost	RHEA-2016:1597
python-XStatic-QUnit	1.14.0.2-2.el7ost	RHEA-2016:1597
python-XStatic-Rickshaw	1.5.0.0-4.el7ost	RHEA-2016:1597
python-XStatic-Spin	1.2.5.2-2.el7ost	RHEA-2016:1597
python-XStatic-bootstrap	3.3.5.3-2.1.el7ost	RHEA-2016:1597
python-XStatic-jQuery	1.10.2.1-1.el7ost	RHEA-2016:1597
python-XStatic-jquery-ui	1.10.4.1-1.el7ost	RHEA-2016:1597
python-XStatic-mdi	1.1.70.1-2.1.el7ost	RHEA-2016:1597
python-XStatic-roboto-fontface	0.4.3.2-4.2.el7ost	RHEA-2016:1597
python-XStatic-smart-table	1.4.5.3-1.el7ost	RHEA-2016:1597
python-XStatic-termjs	0.0.4.2-1.el7ost	RHEA-2016:1597
python-alembic	0.8.3-3.el7ost	RHEA-2016:1597
python-amqp	1.4.6-1.el7ost	RHEA-2016:1597
python-amqplib	1.0.2-11.el7ost	RHEA-2016:1597
python-anyjson	0.3.3-7.1.el7ost	RHEA-2016:1597
python-aodh	2.0.3-2.el7ost	RHEA-2016:1597
python-aodh-tests	2.0.3-2.el7ost	RHEA-2016:1597
python-aodhclient	0.5.0-1.el7ost	RHEA-2016:1597
python-appdirs	1.4.0-4.el7ost	RHEA-2016:1597

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python-autobahn	0.10.7-3.gita69e704.el7ost	RHEA-2016:1597
python-automaton	1.2.0-1.el7ost	RHEA-2016:1597
python-babel	1.3-8.el7ost	RHEA-2016:1597
python-barbicanclient	4.0.0-1.el7ost	RHEA-2016:1597
python-boto	2.34.0-5.el7	RHEA-2016:1597
python-bson	3.0.3-1.el7ost	RHEA-2016:1597
python-cachetools	1.0.3-2.el7ost	RHEA-2016:1597
python-castellan	0.4.0-1.el7ost	RHEA-2016:1597
python-ceilometer	6.1.3-2.el7ost	RHEA-2016:1597
python-ceilometer-tests	6.1.3-2.el7ost	RHEA-2016:1597
python-ceilometerclient	2.3.0-1.el7ost	RHEA-2016:1597
python-ceilometermiddleware	0.4.0-1.el7ost	RHEA-2016:1597
python-ffi	1.5.2-1.el7ost	RHEA-2016:1597
python-characteristic	14.3.0-4.el7ost	RHEA-2016:1597
python-cheetah	2.4.4-5.el7	RHEA-2016:1597
python-cinder	8.1.0-1.el7ost	RHBA-2016:1760
python-cinder-tests	8.1.0-1.el7ost	RHBA-2016:1760
python-cinderclient	1.6.0-1.el7ost	RHEA-2016:1597
python-cliff	2.0.0-1.el7ost	RHEA-2016:1597
python-cliff-tablib	1.1-3.el7ost	RHEA-2016:1597
python-cmd2	0.6.8-3.el7ost	RHEA-2016:1597
python-colorama	0.3.7-2.el7ost	RHEA-2016:1597
python-contextlib2	0.4.0-2.el7ost	RHEA-2016:1597
python-cradox	1.1.8-2.el7ost	RHEA-2016:1597

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python-croniter	0.3.4-5.el7ost	RHEA-2016:1597
python-crypto	2.6.1-1.el7ost	RHEA-2016:1597
python-cryptography	1.2.1-3.el7ost	RHEA-2016:1597
python-ddt	1.0.1-2.el7ost	RHEA-2016:1597
python-debtcollector	1.3.0-1.el7ost	RHEA-2016:1597
python-designate	2.0.0-1.el7ost	RHEA-2016:1597
python-designate-tests	2.0.0-1.el7ost	RHEA-2016:1597
python-designateclient	2.0.0-1.el7ost	RHEA-2016:1597
python-designateclient-tests	2.0.0-1.el7ost	RHEA-2016:1597
python-django	1.8.14-1.el7ost	RHEA-2016:1597
python-django-appconf	0.6-3.el7	RHEA-2016:1597
python-django-bash-completion	1.8.14-1.el7ost	RHEA-2016:1597
python-django-compressor	2.0-1.el7ost	RHEA-2016:1597
python-django-horizon	9.0.1-2.el7ost	RHBA-2016:1757
python-django-openstack-auth	2.2.0-1.el7ost	RHEA-2016:1597
python-django-pyscss	2.0.2-1.el7ost	RHEA-2016:1597
python-docutils	0.12- 0.2.20140510svn7747.el7ost	RHEA-2016:1597
python-dogpile-cache	0.5.7-1.el7ost	RHEA-2016:1597
python-dogpile-core	0.4.1-6.1.el7ost	RHEA-2016:1597
python-dracclient	0.0.5-1.el7ost	RHEA-2016:1597
python-ec2-api	2.0.0-2.el7ost	RHEA-2016:1597
python-ecdsa	0.11-4.el7ost	RHEA-2016:1597
python-editor	0.4-4.el7ost	RHEA-2016:1597
python-elasticsearch	1.4.0-2.el7ost	RHEA-2016:1597

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python-eventlet	0.17.4-4.1.el7ost	RHEA-2016:1597
python-extras	0.0.3-8.el7ost	RHEA-2016:1597
python-falcon	0.3.0-5.el7ost	RHEA-2016:1597
python-fasteners	0.14.1-4.el7ost	RHEA-2016:1597
python-fixtures	1.4.0-2.el7ost	RHEA-2016:1597
python-flake8	2.4.1-2.el7ost	RHEA-2016:1597
python-funcsigs	0.4-2.el7ost	RHEA-2016:1597
python-futures	3.0.3-1.el7ost	RHEA-2016:1597
python-futurist	0.13.0-1.el7ost	RHEA-2016:1597
python-gabbi	1.22.0-1.el7ost	RHEA-2016:1597
python-gflags	2.0-5.el7ost	RHEA-2016:1597
python-glance	12.0.0-1.el7ost	RHEA-2016:1597
python-glance-store	0.13.1-2.el7ost	RHBA-2016:1757
python-glance-tests	12.0.0-1.el7ost	RHEA-2016:1597
python-glanceclient	2.0.0-1.el7ost	RHEA-2016:1597
python-gnocchi	2.1.3-3.el7ost	RHBA-2016:1757
python-gnocchi-tests	2.1.3-3.el7ost	RHBA-2016:1757
python-gnocchiclient	2.2.0-1.el7ost	RHEA-2016:1597
python-google-api-client	1.4.2-4.el7ost	RHEA-2016:1597
python-heat-tests	6.0.0-8.el7ost	RHEA-2016:1597
python-heatclient	1.2.0-1.el7ost	RHEA-2016:1597
python-httplib2	0.9.2-1.el7ost	RHEA-2016:1597
python-idna	2.0-1.el7ost	RHEA-2016:1597
python-ipaddress	1.0.7-4.el7ost	RHEA-2016:1597

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python-ironic-cisco	0.0.1-0.20160310140757.b918a5a.el7ost	RHEA-2016:1597
python-ironic-lib	1.1.0-1.el7ost	RHEA-2016:1597
python-ironic-tests	5.1.2-3.el7ost	RHEA-2016:1597
python-ironicclient	1.3.1-1.el7ost	RHEA-2016:1597
python-iso8601	0.1.11-1.el7ost	RHEA-2016:1597
python-jsonpatch	1.2-2.el7	RHEA-2016:1597
python-jsonpath-rw	1.2.3-2.el7ost	RHEA-2016:1597
python-jsonpath-rw-ext	1.0.0-1.el7ost	RHEA-2016:1597
python-jsonrpclib	0.1.3-1.el7	RHEA-2016:1597
python-jsonschema	2.4.0-3.el7ost	RHEA-2016:1597
python-junitxml	0.7-4.el7ost	RHEA-2016:1597
python-kafka	0.9.4-1.el7ost	RHEA-2016:1597
python-kazoo	2.2.1-1.el7ost	RHEA-2016:1597
python-keycloak-httpd-client-install	0.4-1.el7ost	RHEA-2016:1597
python-keyring	5.0-3.el7ost	RHEA-2016:1597
python-keystone	9.0.2-1.el7ost	RHEA-2016:1597
python-keystone-tests	9.0.2-1.el7ost	RHEA-2016:1597
python-keystoneauth1	2.4.1-1.el7ost	RHEA-2016:1597
python-keystoneclient	2.3.1-2.el7ost	RHEA-2016:1597
python-keystoneclient-kerberos	0.1.4-1.el7ost	RHEA-2016:1597
python-keystonemiddleware	4.4.1-1.el7ost	RHEA-2016:1597
python-kombu	3.0.32-2.el7ost	RHEA-2016:1597
python-ldap3	0.9.8.6-2.el7ost	RHEA-2016:1597

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python-ldappool	1.0-4.el7ost	RHEA-2016:1597
python-lesscpy	0.9j-4.el7ost	RHEA-2016:1597
python-linecache2	1.0.0-1.el7ost	RHEA-2016:1597
python-lockfile	0.9.1-5.el7	RHEA-2016:1597
python-logutils	0.3.3-3.el7ost	RHEA-2016:1597
python-lxml	3.2.1-5.el7ost	RHEA-2016:1597
python-lz4	0.7.0-5.el7ost	RHEA-2016:1597
python-manila	2.0.0-5.el7ost	RHBA-2016:1757
python-manila-tests	2.0.0-5.el7ost	RHBA-2016:1757
python-manilaclient	1.8.1-1.el7ost	RHEA-2016:1597
python-markdown	2.4.1-1.1.el7	RHEA-2016:1597
python-mccabe	0.2.1-7.el7ost	RHEA-2016:1597
python-memcached	1.54-3.el7ost	RHEA-2016:1597
python-migrate	0.10.0-1.el7ost	RHEA-2016:1597
python-mimeparse	0.1.4-6.el7ost	RHEA-2016:1597
python-mock	1.3.0-1.1.el7ost	RHEA-2016:1597
python-monotonic	0.3-1.el7ost	RHEA-2016:1597
python-mox3	0.14.0-1.el7ost	RHEA-2016:1597
python-msgpack	0.4.6-3.el7ost	RHEA-2016:1597
python-ncclient	0.4.2-3.el7ost	RHEA-2016:1597
python-netaddr	0.7.18-1.el7ost	RHEA-2016:1597
python-netifaces	0.10.4-3.el7ost	RHEA-2016:1597
python-networking-bigswitch	2015.3.8-1.el7ost	RHEA-2016:1597
python-networking-cisco	3.0.0-1.el7ost	RHEA-2016:1597

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python-networking-odl	2.0.0-1.el7ost	RHBA-2016:1757
python-networking-vmware-nsx	0.0.2-0.20160304192514.de9b2de.el7ost	RHEA-2016:1597
python-networkx	1.10-1.1.el7ost	RHEA-2016:1597
python-networkx-core	1.10-1.1.el7ost	RHEA-2016:1597
python-neutron	8.1.2-4.el7ost	RHBA-2016:1759
python-neutron-fwaas	8.0.0-3.el7ost	RHEA-2016:1597
python-neutron-fwaas-tests	8.0.0-3.el7ost	RHEA-2016:1597
python-neutron-lbaas	8.0.0-1.el7ost	RHEA-2016:1597
python-neutron-lbaas-tests	8.0.0-1.el7ost	RHEA-2016:1597
python-neutron-lib	0.0.2-1.el7ost	RHEA-2016:1597
python-neutron-lib-tests	0.0.2-1.el7ost	RHEA-2016:1597
python-neutron-tests	8.1.2-4.el7ost	RHBA-2016:1759
python-neutron-vpnaas	8.0.0-1.el7ost	RHEA-2016:1597
python-neutron-vpnaas-tests	8.0.0-1.el7ost	RHEA-2016:1597
python-neutronclient	4.1.1-2.el7ost	RHEA-2016:1597
python-neutronclient-tests	4.1.1-2.el7ost	RHEA-2016:1597
python-nova	13.1.1-2.el7ost	RHBA-2016:1758
python-nova-tests	13.1.1-2.el7ost	RHBA-2016:1758
python-novaclient	3.3.1-1.el7ost	RHEA-2016:1597
python-numexpr	2.3-5.el7ost	RHEA-2016:1597
python-oauth2client	1.5.2-4.el7ost	RHEA-2016:1597
python-oauthlib	0.7.2-3.20150520git514cad7.el7ost	RHEA-2016:1597
python-openstackclient	2.2.0-1.el7ost	RHEA-2016:1597

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python-openstacksdk	0.8.3-1.el7ost	RHEA-2016:1597
python-openstacksdk-tests	0.8.3-1.el7ost	RHEA-2016:1597
python-openvswitch	2.4.0-1.el7	RHEA-2016:1597
python-os-brick	1.1.0-1.el7ost	RHEA-2016:1597
python-os-client-config	1.16.0-1.el7ost	RHEA-2016:1597
python-os-testr	0.6.0-1.el7ost	RHEA-2016:1597
python-os-win	0.3.2-1.el7ost	RHEA-2016:1597
python-oslo-cache	1.5.0-1.el7ost	RHEA-2016:1597
python-oslo-cache-tests	1.5.0-1.el7ost	RHEA-2016:1597
python-oslo-concurrency	3.7.1-1.el7ost	RHEA-2016:1597
python-oslo-concurrency-tests	3.7.1-1.el7ost	RHEA-2016:1597
python-oslo-config	3.9.0-1.el7ost	RHEA-2016:1597
python-oslo-context	2.2.0-1.el7ost	RHEA-2016:1597
python-oslo-context-tests	2.2.0-1.el7ost	RHEA-2016:1597
python-oslo-db	4.6.0-1.el7ost	RHEA-2016:1597
python-oslo-db-tests	4.6.0-1.el7ost	RHEA-2016:1597
python-oslo-i18n	3.4.0-1.el7ost	RHEA-2016:1597
python-oslo-log	3.2.0-1.el7ost	RHEA-2016:1597
python-oslo-log-tests	3.2.0-1.el7ost	RHEA-2016:1597
python-oslo-messaging	4.5.0-2.el7ost	RHEA-2016:1597
python-oslo-messaging-tests	4.5.0-2.el7ost	RHEA-2016:1597
python-oslo-middleware	3.7.0-1.el7ost	RHEA-2016:1597
python-oslo-middleware-tests	3.7.0-1.el7ost	RHEA-2016:1597
python-oslo-policy	1.5.0-1.el7ost	RHEA-2016:1597

Name	Version	Advisory
python-oslo-policy-tests	1.5.0-1.el7ost	RHEA-2016:1597
python-oslo-reports	1.6.0-1.el7ost	RHEA-2016:1597
python-oslo-reports-tests	1.6.0-1.el7ost	RHEA-2016:1597
python-oslo-rootwrap	4.1.0-1.el7ost	RHEA-2016:1597
python-oslo-rootwrap-tests	4.1.0-1.el7ost	RHEA-2016:1597
python-oslo-serialization	2.4.0-1.el7ost	RHEA-2016:1597
python-oslo-serialization-tests	2.4.0-1.el7ost	RHEA-2016:1597
python-oslo-service	1.7.0-1.el7ost	RHEA-2016:1597
python-oslo-service-tests	1.7.0-1.el7ost	RHEA-2016:1597
python-oslo-sphinx	4.3.0-1.el7ost	RHEA-2016:1597
python-oslo-utils	3.7.0-1.el7ost	RHEA-2016:1597
python-oslo-utils-tests	3.7.0-1.el7ost	RHEA-2016:1597
python-oslo-versionedobjects	1.7.0-1.el7ost	RHEA-2016:1597
python-oslo-versionedobjects-tests	1.7.0-1.el7ost	RHEA-2016:1597
python-oslo-vmware	1.21.0-1.el7ost	RHEA-2016:1597
python-oslotest	2.1.0-1.el7ost	RHEA-2016:1597
python-osprofiler	1.2.0-1.el7ost	RHEA-2016:1597
python-pandas	0.17.0-1.el7ost	RHEA-2016:1597
python-paramiko	1.15.1-1.el7ost	RHEA-2016:1597
python-passlib	1.6.5-1.1.el7ost	RHEA-2016:1597
python-paste-deploy	1.5.2-4.el7ost	RHEA-2016:1597
python-pathlib	1.0.1-1.el7ost	RHEA-2016:1597
python-pbr	1.8.1-2.el7ost	RHEA-2016:1597
python-pecan	1.0.2-2.1.el7ost	RHEA-2016:1597

Name	Version	Advisory
python-pep8	1.5.7-2.el7ost	RHEA-2016:1597
python-pika	0.10.0-3.el7ost	RHEA-2016:1597
python-pika_pool	0.1.3-3.el7ost	RHEA-2016:1597
python-pint	0.6-5.1.el7ost	RHEA-2016:1597
python-positional	1.0.1-1.el7ost	RHEA-2016:1597
python-posix_ipc	0.9.8-5.el7ost	RHEA-2016:1597
python-prettytable	0.7.2-1.el7	RHEA-2016:1597
python-proliantutils	2.1.7-1.el7ost	RHEA-2016:1597
python-psutil	1.2.1-1.el7	RHEA-2016:1597
python-py	1.4.30-2.el7ost	RHEA-2016:1597
python-pyasn1	0.1.9-1.el7ost	RHEA-2016:1597
python-pyasn1-modules	0.1.9-1.el7ost	RHEA-2016:1597
python-pycadf	2.1.0-1.el7ost	RHEA-2016:1597
python-pyeclib	1.2.0-1.el7ost	RHEA-2016:1597
python-pyghmi	0.8.0-2.el7ost	RHEA-2016:1597
python-pygments	2.0.2-4.el7ost	RHEA-2016:1597
python-pymemcache	1.2.5-2.el7ost	RHEA-2016:1597
python-pymongo	3.0.3-1.el7ost	RHEA-2016:1597
python-pymongo-gridfs	3.0.3-1.el7ost	RHEA-2016:1597
python-pysaml2	3.0.2-1.el7ost	RHEA-2016:1597
python-pysocks	1.5.6-3.el7ost	RHEA-2016:1597
python-pytimeparse	1.1.5-1.1.el7ost	RHEA-2016:1597
python-rcssmin	1.0.6-2.el7ost	RHEA-2016:1597
python-redis	2.10.3-3.el7ost	RHEA-2016:1597

Name	Version	Advisory
python-reno	1.6.2-1.el7ost	RHEA-2016:1597
python-repoze-lru	0.4-8.el7ost	RHEA-2016:1597
python-repoze-who	2.1-4.el7ost	RHEA-2016:1597
python-requests	2.10.0-1.el7ost	RHEA-2016:1597
python-requests-kerberos	0.8.0-3.el7ost	RHEA-2016:1597
python-requests-mock	0.6.0-1.el7ost	RHEA-2016:1597
python-requests-oauthlib	0.5.0-2.el7ost	RHEA-2016:1597
python-requestsexceptions	1.1.1-3.el7ost	RHEA-2016:1597
python-retrying	1.2.3-4.el7ost	RHEA-2016:1597
python-rfc3986	0.2.0-1.el7ost	RHEA-2016:1597
python-rjsmin	1.0.12-2.el7ost	RHEA-2016:1597
python-routes	1.13-2.el7ost	RHEA-2016:1597
python-ryu	3.30-1.1.el7ost	RHEA-2016:1597
python-sahara	4.0.1-2.el7ost	RHEA-2016:1597
python-sahara-tests	4.0.1-2.el7ost	RHEA-2016:1597
python-saharaclient	0.13.0-1.el7ost	RHEA-2016:1597
python-scciclient	0.3.0-1.el7ost	RHEA-2016:1597
python-scss	1.3.4-1.el7ost	RHEA-2016:1597
python-semantic_version	2.4.2-1.el7ost	RHEA-2016:1597
python-service-identity	14.0.0-4.el7ost	RHEA-2016:1597
python-simplegeneric	0.8-7.el7ost	RHEA-2016:1597
python-simplejson	3.5.3-1.el7ost	RHEA-2016:1597
python-singledispatch	3.4.0.3-2.1.el7ost	RHEA-2016:1597
python-snappy	0.5-8.el7ost	RHEA-2016:1597

Name	Version	Advisory
python-speaklater	1.3-1.el7ost	RHEA-2016:1597
python-sphinx	1.1.3-9.el7	RHEA-2016:1597
python-sqlalchemy	1.0.11-1.el7ost	RHEA-2016:1597
python-sqlalchemy-utils	0.30.0-2.el7ost	RHEA-2016:1597
python-sqlite3dbm	0.1.4-7.el7ost	RHEA-2016:1597
python-sqlparse	0.1.18-5.el7ost	RHEA-2016:1597
python-stevedore	1.12.0-1.el7ost	RHEA-2016:1597
python-subunit	1.0.0-2.el7ost	RHEA-2016:1597
python-swift-tests	2.7.0-2.el7ost	RHEA-2016:1597
python-swiftclient	3.0.0-1.el7ost	RHEA-2016:1597
python-sysv_ipc	0.4.2-13.el7ost	RHEA-2016:1597
python-sysv_ipc-examples	0.4.2-13.el7ost	RHEA-2016:1597
python-tables	3.1.1-2.el7ost	RHEA-2016:1597
python-tablib	0.10.0-1.el7ost	RHEA-2016:1597
python-taskflow	1.30.0-2.el7ost	RHEA-2016:1597
python-tempest-lib	1.0.0-1.el7ost	RHEA-2016:1597
python-testrepository	0.0.20-3.1.el7ost	RHEA-2016:1597
python-testresources	0.2.7-6.el7ost	RHEA-2016:1597
python-testscenarios	0.4-6.el7ost	RHEA-2016:1597
python-testtools	1.8.0-2.el7ost	RHEA-2016:1597
python-tooz	1.34.0-1.el7ost	RHEA-2016:1597
python-traceback2	1.4.0-2.el7ost	RHEA-2016:1597
python-trollius	2.0-1.el7ost	RHEA-2016:1597
python-trove	5.0.1-1.el7ost	RHEA-2016:1597

Name	Version	Advisory
python-trove-tests	5.0.1-1.el7ost	RHEA-2016:1597
python-troveclient	2.1.2-1.el7ost	RHEA-2016:1597
python-twisted	15.4.0-6.el7ost	RHEA-2016:1597
python-txaio	2.0.4-4.el7ost	RHEA-2016:1597
python-ujson	1.33-3.el7ost	RHEA-2016:1597
python-unicodcsv	0.14.1-2.el7ost	RHEA-2016:1597
python-unittest2	1.0.1-1.el7ost	RHEA-2016:1597
python-uri-templates	0.6-5.el7ost	RHEA-2016:1597
python-urllib3	1.15.1-2.el7ost	RHEA-2016:1597
python-versiontools	1.9.1-8.el7ost	RHEA-2016:1597
python-voluptuous	0.8.8-1.el7ost	RHEA-2016:1597
python-warlock	1.0.1-1.el7ost	RHEA-2016:1597
python-webob	1.4.1-2.el7ost	RHEA-2016:1597
python-websockify	0.8.0-1.el7	RHEA-2016:1597
python-webtest	1.3.4-5.el7	RHEA-2016:1597
python-wrapt	1.10.5-1.el7ost	RHEA-2016:1597
python-wsaccel	0.6.2-8.el7ost	RHEA-2016:1597
python-wsgi_intercept	1.2.2-1.el7ost	RHEA-2016:1597
python-wsme	0.8.0-1.el7ost	RHEA-2016:1597
python-zake	0.2.2-2.el7ost	RHEA-2016:1597
python-zaqar-tests	2.0.1- 0.20160621211345.9fdbcf.el7o st	RHEA-2016:1597
python-zaqarclient	1.0.0-1.el7ost	RHEA-2016:1597
python-zope-interface	4.0.5-4.el7	RHEA-2016:1597

Name	Version	Advisory
python2-hacking	0.10.2-2.el7ost	RHEA-2016:1597
qemu-img-rhev	2.3.0-31.el7_2.21	RHSA-2016:1763
qemu-kvm-common-rhev	2.3.0-31.el7_2.21	RHSA-2016:1763
qemu-kvm-rhev	2.3.0-31.el7_2.21	RHSA-2016:1763
qemu-kvm-tools-rhev	2.3.0-31.el7_2.21	RHSA-2016:1763
rabbitmq-server	3.6.3-5.el7ost	RHEA-2016:1597
redis	3.0.6-1.el7ost	RHEA-2016:1597
roboto-fontface-common	0.4.3.2-4.2.el7ost	RHEA-2016:1597
roboto-fontface-fonts	0.4.3.2-4.2.el7ost	RHEA-2016:1597
ruby-augeas	0.5.0-1.el7	RHEA-2016:1597
ruby-shadow	1.4.1-21.el7	RHEA-2016:1597
rubygem-rgen	0.6.6-2.1.el7	RHEA-2016:1597
sahara-image-elements	4.0.1-2.el7ost	RHEA-2016:1597
sos	3.2-36.el7ost.2	RHEA-2016:1597
subunit	1.0.0-2.el7ost	RHEA-2016:1597
subunit-filters	1.0.0-2.el7ost	RHEA-2016:1597
v8	3.14.5.10-18.el7ost	RHEA-2016:1597
web-assets-filesystem	5-1.el7ost	RHEA-2016:1597
web-assets-httpd	5-1.el7ost	RHEA-2016:1597
yaml-cpp	0.5.1-7.el7ost	RHEA-2016:1597

3.3. RED HAT OPENSTACK PLATFORM 9 OPERATIONAL TOOLS

The following table outlines the packages included in the **rhel-7-server-openstack-9-optools-rpms** channel.

Table 3.3. Red Hat OpenStack Platform 9 Operational Tools Packages

Name	Version	Advisory
collectd	5.4.2-1.el7ost	RHEA-2016:1600
collectd-amqp	5.4.2-1.el7ost	RHEA-2016:1600
collectd-apache	5.4.2-1.el7ost	RHEA-2016:1600
collectd-curl	5.4.2-1.el7ost	RHEA-2016:1600
collectd-curl_json	5.4.2-1.el7ost	RHEA-2016:1600
collectd-curl_xml	5.4.2-1.el7ost	RHEA-2016:1600
collectd-dbi	5.4.2-1.el7ost	RHEA-2016:1600
collectd-dns	5.4.2-1.el7ost	RHEA-2016:1600
collectd-generic-jmx	5.4.2-1.el7ost	RHEA-2016:1600
collectd-ipmi	5.4.2-1.el7ost	RHEA-2016:1600
collectd-iptables	5.4.2-1.el7ost	RHEA-2016:1600
collectd-ipvs	5.4.2-1.el7ost	RHEA-2016:1600
collectd-java	5.4.2-1.el7ost	RHEA-2016:1600
collectd-lvm	5.4.2-1.el7ost	RHEA-2016:1600
collectd-mysql	5.4.2-1.el7ost	RHEA-2016:1600
collectd-netlink	5.4.2-1.el7ost	RHEA-2016:1600
collectd-ping	5.4.2-1.el7ost	RHEA-2016:1600
collectd-rrdcached	5.4.2-1.el7ost	RHEA-2016:1600
collectd-rrdtool	5.4.2-1.el7ost	RHEA-2016:1600
collectd-sensors	5.4.2-1.el7ost	RHEA-2016:1600
collectd-snmp	5.4.2-1.el7ost	RHEA-2016:1600
collectd-virt	5.4.2-1.el7ost	RHEA-2016:1600
collectd-write_riemann	5.4.2-1.el7ost	RHEA-2016:1600
elasticsearch	1.5.2.redhat_1-11.el7	RHEA-2016:1600

Name	Version	Advisory
fluentd	0.12.5-3.el7ost	RHEA-2016:1600
golang	1.6.3-2.el7	RHEA-2016:1600
golang-bin	1.6.3-2.el7	RHEA-2016:1600
golang-src	1.6.3-2.el7	RHEA-2016:1600
grafana	2.0.2-8.el7ost	RHEA-2016:1600
graphite-web	0.9.15-1.el7ost	RHEA-2016:1600
kibana	3.1.2-2.el7ost	RHEA-2016:1600
liboping	1.6.2-2.el7ost	RHEA-2016:1600
librabbitmq	0.5.2-2.el7ost	RHEA-2016:1600
lucene	4.10.4.redhat_1-5.el7	RHEA-2016:1600
lucene-contrib	4.10.4.redhat_1-5.el7	RHEA-2016:1600
osops-tools-monitoring-oschecks	0.1-0.5.a9d3fdagit.el7ost	RHEA-2016:1600
perl-Collectd	5.4.2-1.el7ost	RHEA-2016:1600
perl-Config-General	2.56-4.el7ost	RHEA-2016:1600
perl-Regexp-Common	2013031301-7.el7ost	RHEA-2016:1600
phantomjs	1.9.7-3.el7ost	RHEA-2016:1600
protobuf	2.5.0-8.el7	RHEA-2016:1600
protobuf-compiler	2.5.0-8.el7	RHEA-2016:1600
pyserial	2.6-5.el7	RHEA-2016:1600
python-carbon	0.9.12-7.el7ost	RHEA-2016:1600
python-django	1.8.14-1.el7ost	RHEA-2016:1600
python-django-bash-completion	1.8.14-1.el7ost	RHEA-2016:1600
python-django-tagging	0.3.6-1.el7ost	RHEA-2016:1600
python-simplejson	3.5.3-1.el7ost	RHEA-2016:1600

Name	Version	Advisory
python-twisted-core	12.2.0-4.el7	RHEA-2016:1600
python-whisper	0.9.15-1.el7ost	RHEA-2016:1600
python-zope-interface	4.0.5-4.el7	RHEA-2016:1600
redis	3.0.6-1.el7ost	RHEA-2016:1600
rrdtool-perl	1.4.8-9.el7	RHEA-2016:1600
rubygem-amq-protocol	1.9.2-3.el7ost	RHEA-2016:1600
rubygem-amqp	1.5.0-2.el7ost	RHEA-2016:1600
rubygem-async_sinatra	1.2.0-1.el7ost	RHEA-2016:1600
rubygem-bacon	1.1.0-19.el7sat	RHEA-2016:1600
rubygem-childprocess	0.5.8-1.el7ost	RHEA-2016:1600
rubygem-cool.io	1.2.4-2.el7ost	RHEA-2016:1600
rubygem-daemons	1.1.9-3.el7ost	RHEA-2016:1600
rubygem-diff-lcs	1.1.3-2.2.el7ost	RHEA-2016:1600
rubygem-elasticsearch	1.0.8-1.el7ost	RHEA-2016:1600
rubygem-elasticsearch-api	1.0.7-1.el7ost	RHEA-2016:1600
rubygem-elasticsearch-transport	1.0.7-1.el7ost	RHEA-2016:1600
rubygem-em-redis-unified	1.0.1-1.el7ost	RHEA-2016:1600
rubygem-em-worker	0.0.2-2.el7ost	RHEA-2016:1600
rubygem-eventmachine	1.0.8-2.el7ost	RHEA-2016:1600
rubygem-faraday	0.9.0-3.el7ost	RHEA-2016:1600
rubygem-ffi	1.9.3-1.el7ost	RHEA-2016:1600
rubygem-fluent-plugin-add	0.0.3-1.el7ost	RHEA-2016:1600
rubygem-fluent-plugin-elasticsearch	0.7.0-1.el7ost	RHEA-2016:1600
rubygem-http_parser.rb	0.6.0-1.el7ost	RHEA-2016:1600

Name	Version	Advisory
rubygem-json_pure	1.6.3-9.el7ost	RHEA-2016:1600
rubygem-msgpack	0.5.11-1.el7ost	RHEA-2016:1600
rubygem-multi_json	1.11.2-2.el7ost	RHEA-2016:1600
rubygem-multipart-post	2.0.0-2.el7ost	RHEA-2016:1600
rubygem-patron	0.4.20-3.el7ost	RHEA-2016:1600
rubygem-rack	1.5.2-4.el7ost	RHEA-2016:1600
rubygem-rack-protection	1.5.3-2.el7ost	RHEA-2016:1600
rubygem-rack-test	0.6.2-6.el7ost	RHEA-2016:1600
rubygem-sensu-em	2.4.0-1.el7ost	RHEA-2016:1600
rubygem-sensu-extension	1.3.0-1.el7ost	RHEA-2016:1600
rubygem-sensu-extensions	1.4.0-1.el7ost	RHEA-2016:1600
rubygem-sensu-logger	1.1.0-1.el7ost	RHEA-2016:1600
rubygem-sensu-plugin	1.2.0-1.el7ost	RHEA-2016:1600
rubygem-sensu-settings	3.3.0-1.el7ost	RHEA-2016:1600
rubygem-sensu-spawn	1.6.0-1.el7ost	RHEA-2016:1600
rubygem-sensu-transport	3.3.0-1.el7ost	RHEA-2016:1600
rubygem-sigdump	0.2.2-1.el7ost	RHEA-2016:1600
rubygem-sinatra	1.4.6-1.el7ost	RHEA-2016:1600
rubygem-string-scrub	0.0.5-1.el7ost	RHEA-2016:1600
rubygem-test-unit	2.5.5-1.el7ost	RHEA-2016:1600
rubygem-thin	1.6.3-1.el7ost	RHEA-2016:1600
rubygem-thread_safe	0.3.4-1.el7ost	RHEA-2016:1600
rubygem-tilt	1.4.1-3.el7ost	RHEA-2016:1600
rubygem-tzinfo	1.2.2-2.el7ost	RHEA-2016:1600

Name	Version	Advisory
rubygem-tzinfo-data	1.2014.10-2.el7ost	RHEA-2016:1600
rubygem-uuidtools	2.1.5-2.el7ost	RHEA-2016:1600
rubygem-yajl-ruby	1.2.1-1.el7ost	RHEA-2016:1600
sensu	0.22.0-1.el7ost	RHEA-2016:1600
uchiwa	0.8.1-5.el7ost	RHEA-2016:1600

3.4. RED HAT OPENSTACK PLATFORM 9 TOOLS

The following table outlines the packages included in the **rhel-7-server-openstack-9-tools-rpms** channel.

Table 3.4. Red Hat OpenStack Platform 9 Tools Packages

Name	Version	Advisory
pyparsing	2.0.3-1.el7ost	RHEA-2016:1597
python-anyjson	0.3.3-7.1.el7ost	RHEA-2016:1597
python-aodhclient	0.5.0-1.el7ost	RHEA-2016:1597
python-appdirs	1.4.0-4.el7ost	RHEA-2016:1597
python-babel	1.3-8.el7ost	RHEA-2016:1597
python-barbicanclient	4.0.0-1.el7ost	RHEA-2016:1597
python-ceilometerclient	2.3.0-1.el7ost	RHEA-2016:1597
python-cinderclient	1.6.0-1.el7ost	RHEA-2016:1597
python-cliff	2.0.0-1.el7ost	RHEA-2016:1597
python-cliff-tablib	1.1-3.el7ost	RHEA-2016:1597
python-cmd2	0.6.8-3.el7ost	RHEA-2016:1597
python-contextlib2	0.4.0-2.el7ost	RHEA-2016:1597
python-crypto	2.6.1-1.el7ost	RHEA-2016:1597

Name	Version	Advisory
python-debtcollector	1.3.0-1.el7ost	RHEA-2016:1597
python-designateclient	2.0.0-1.el7ost	RHEA-2016:1597
python-dogpile-cache	0.5.7-1.el7ost	RHEA-2016:1597
python-dogpile-core	0.4.1-6.1.el7ost	RHEA-2016:1597
python-dracclient	0.0.5-1.el7ost	RHEA-2016:1597
python-extras	0.0.3-8.el7ost	RHEA-2016:1597
python-fixtures	1.4.0-2.el7ost	RHEA-2016:1597
python-funcsigs	0.4-2.el7ost	RHEA-2016:1597
python-futures	3.0.3-1.el7ost	RHEA-2016:1597
python-futurist	0.13.0-1.el7ost	RHEA-2016:1597
python-glanceclient	2.0.0-1.el7ost	RHEA-2016:1597
python-gnocchiclient	2.2.0-1.el7ost	RHEA-2016:1597
python-heatclient	1.2.0-1.el7ost	RHEA-2016:1597
python-httplib2	0.9.2-1.el7ost	RHEA-2016:1597
python-ironicclient	1.3.1-1.el7ost	RHEA-2016:1597
python-iso8601	0.1.11-1.el7ost	RHEA-2016:1597
python-jsonpatch	1.2-2.el7	RHEA-2016:1597
python-jsonschema	2.4.0-3.el7ost	RHEA-2016:1597
python-keyring	5.0-3.el7ost	RHEA-2016:1597
python-keystoneauth1	2.4.1-1.el7ost	RHEA-2016:1597
python-keystoneclient	2.3.1-2.el7ost	RHEA-2016:1597
python-keystoneclient-kerberos	0.1.4-1.el7ost	RHEA-2016:1597
python-linecache2	1.0.0-1.el7ost	RHEA-2016:1597
python-manilaclient	1.8.1-1.el7ost	RHEA-2016:1597

Name	Version	Advisory
python-mimeparse	0.1.4-6.el7ost	RHEA-2016:1597
python-monotonic	0.3-1.el7ost	RHEA-2016:1597
python-msgpack	0.4.6-3.el7ost	RHEA-2016:1597
python-netaddr	0.7.18-1.el7ost	RHEA-2016:1597
python-netifaces	0.10.4-3.el7ost	RHEA-2016:1597
python-neutronclient	4.1.1-2.el7ost	RHEA-2016:1597
python-novaclient	3.3.1-1.el7ost	RHEA-2016:1597
python-openstackclient	2.2.0-1.el7ost	RHEA-2016:1597
python-openstacksdk	0.8.3-1.el7ost	RHEA-2016:1597
python-os-client-config	1.16.0-1.el7ost	RHEA-2016:1597
python-oslo-config	3.9.0-1.el7ost	RHEA-2016:1597
python-oslo-context	2.2.0-1.el7ost	RHEA-2016:1597
python-oslo-i18n	3.4.0-1.el7ost	RHEA-2016:1597
python-oslo-log	3.2.0-1.el7ost	RHEA-2016:1597
python-oslo-serialization	2.4.0-1.el7ost	RHEA-2016:1597
python-oslo-utils	3.7.0-1.el7ost	RHEA-2016:1597
python-pbr	1.8.1-2.el7ost	RHEA-2016:1597
python-positional	1.0.1-1.el7ost	RHEA-2016:1597
python-prettytable	0.7.2-1.el7	RHEA-2016:1597
python-pysocks	1.5.6-3.el7ost	RHEA-2016:1597
python-repoze-lru	0.4-8.el7ost	RHEA-2016:1597
python-requests	2.10.0-1.el7ost	RHEA-2016:1597
python-requests-kerberos	0.8.0-3.el7ost	RHEA-2016:1597
python-requestsexceptions	1.1.1-3.el7ost	RHEA-2016:1597

Name	Version	Advisory
python-saharaclient	0.13.0-1.el7ost	RHEA-2016:1597
python-scciclient	0.3.0-1.el7ost	RHEA-2016:1597
python-simplejson	3.5.3-1.el7ost	RHEA-2016:1597
python-stevedore	1.12.0-1.el7ost	RHEA-2016:1597
python-swiftclient	3.0.0-1.el7ost	RHEA-2016:1597
python-tablib	0.10.0-1.el7ost	RHEA-2016:1597
python-testtools	1.8.0-2.el7ost	RHEA-2016:1597
python-traceback2	1.4.0-2.el7ost	RHEA-2016:1597
python-troveclient	2.1.2-1.el7ost	RHEA-2016:1597
python-unicodcsv	0.14.1-2.el7ost	RHEA-2016:1597
python-unittest2	1.0.1-1.el7ost	RHEA-2016:1597
python-urllib3	1.15.1-2.el7ost	RHEA-2016:1597
python-warlock	1.0.1-1.el7ost	RHEA-2016:1597
python-webob	1.4.1-2.el7ost	RHEA-2016:1597
python-wrapt	1.10.5-1.el7ost	RHEA-2016:1597
python-zaqarclient	1.0.0-1.el7ost	RHEA-2016:1597

CHAPTER 4. UPDATE ON 21 SEPTEMBER, 2016

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

4.1. RED HAT OPENSTACK PLATFORM DIRECTOR 9.0

The following table outlines the packages included in the **rhel-7-server-openstack-9-director-rpms** channel.

Table 4.1. Red Hat OpenStack Platform Director 9.0 Packages

Name	Version	Advisory
openstack-tripleo-heat-templates	2.0.0-34.el7ost	RHBA-2016:1918
openstack-tripleo-heat-templates-liberty	2.0.0-34.el7ost	RHBA-2016:1918

4.2. RED HAT OPENSTACK PLATFORM 9.0

The following table outlines the packages included in the **rhel-7-server-openstack-9-rpms** channel.

Table 4.2. Red Hat OpenStack Platform 9.0 Packages

Name	Version	Advisory
openstack-aodh-api	2.0.5-1.el7ost	RHBA-2016:1915
openstack-aodh-common	2.0.5-1.el7ost	RHBA-2016:1915
openstack-aodh-compat	2.0.5-1.el7ost	RHBA-2016:1915
openstack-aodh-evaluator	2.0.5-1.el7ost	RHBA-2016:1915
openstack-aodh-expirer	2.0.5-1.el7ost	RHBA-2016:1915
openstack-aodh-listener	2.0.5-1.el7ost	RHBA-2016:1915
openstack-aodh-notifier	2.0.5-1.el7ost	RHBA-2016:1915
openstack-heat-api	6.0.0-11.el7ost	RHBA-2016:1917

Name	Version	Advisory
openstack-heat-api-cfn	6.0.0-11.el7ost	RHBA-2016:1917
openstack-heat-api-cloudwatch	6.0.0-11.el7ost	RHBA-2016:1917
openstack-heat-common	6.0.0-11.el7ost	RHBA-2016:1917
openstack-heat-engine	6.0.0-11.el7ost	RHBA-2016:1917
openstack-nova	13.1.1-5.el7ost	RHBA-2016:1916
openstack-nova-api	13.1.1-5.el7ost	RHBA-2016:1916
openstack-nova-cells	13.1.1-5.el7ost	RHBA-2016:1916
openstack-nova-cert	13.1.1-5.el7ost	RHBA-2016:1916
openstack-nova-common	13.1.1-5.el7ost	RHBA-2016:1916
openstack-nova-compute	13.1.1-5.el7ost	RHBA-2016:1916
openstack-nova-conductor	13.1.1-5.el7ost	RHBA-2016:1916
openstack-nova-console	13.1.1-5.el7ost	RHBA-2016:1916
openstack-nova-network	13.1.1-5.el7ost	RHBA-2016:1916
openstack-nova-novncproxy	13.1.1-5.el7ost	RHBA-2016:1916
openstack-nova-scheduler	13.1.1-5.el7ost	RHBA-2016:1916
openstack-nova-serialproxy	13.1.1-5.el7ost	RHBA-2016:1916
openstack-nova-spicehtml5proxy	13.1.1-5.el7ost	RHBA-2016:1916
python-aodh	2.0.5-1.el7ost	RHBA-2016:1915
python-aodh-tests	2.0.5-1.el7ost	RHBA-2016:1915
python-heat-tests	6.0.0-11.el7ost	RHBA-2016:1917
python-nova	13.1.1-5.el7ost	RHBA-2016:1916
python-nova-tests	13.1.1-5.el7ost	RHBA-2016:1916

CHAPTER 5. UPDATE ON 05 OCTOBER, 2016

This section outlines the packages shipped in each channel released with the update to Red Hat OpenStack Platform on 05 October, 2016.

5.1. RED HAT OPENSTACK PLATFORM 9.0

The following table outlines the packages included in the **rhel-7-server-openstack-9-rpms** channel.

Table 5.1. Red Hat OpenStack Platform 9.0 Packages

Name	Version	Advisory
facter	2.4.4-4.el7	RHBA-2016:2033
openstack-cinder	8.1.1-1.el7ost	RHBA-2016:2030
openstack-manila	2.0.0-6.el7ost	RHBA-2016:2033
openstack-manila-share	2.0.0-6.el7ost	RHBA-2016:2033
openstack-nova	13.1.1-7.el7ost	RHBA-2016:2032
openstack-nova-api	13.1.1-7.el7ost	RHBA-2016:2032
openstack-nova-cells	13.1.1-7.el7ost	RHBA-2016:2032
openstack-nova-cert	13.1.1-7.el7ost	RHBA-2016:2032
openstack-nova-common	13.1.1-7.el7ost	RHBA-2016:2032
openstack-nova-compute	13.1.1-7.el7ost	RHBA-2016:2032
openstack-nova-conductor	13.1.1-7.el7ost	RHBA-2016:2032
openstack-nova-console	13.1.1-7.el7ost	RHBA-2016:2032
openstack-nova-network	13.1.1-7.el7ost	RHBA-2016:2032
openstack-nova-novncproxy	13.1.1-7.el7ost	RHBA-2016:2032
openstack-nova-scheduler	13.1.1-7.el7ost	RHBA-2016:2032
openstack-nova-serialproxy	13.1.1-7.el7ost	RHBA-2016:2032
openstack-nova-spicehtml5proxy	13.1.1-7.el7ost	RHBA-2016:2032

Name	Version	Advisory
openstack-tempest	10.0.0-3.b4a056dgit.el7ost	RHBA-2016:2033
python-cinder	8.1.1-1.el7ost	RHBA-2016:2030
python-cinder-tests	8.1.1-1.el7ost	RHBA-2016:2030
python-keystoneclient	2.3.1-3.el7ost	RHBA-2016:2031
python-manila	2.0.0-6.el7ost	RHBA-2016:2033
python-manila-tests	2.0.0-6.el7ost	RHBA-2016:2033
python-nova	13.1.1-7.el7ost	RHBA-2016:2032
python-nova-tests	13.1.1-7.el7ost	RHBA-2016:2032
python-novaclient	3.3.2-1.el7ost	RHBA-2016:2032
python-os-brick	1.1.0-2.el7ost	RHBA-2016:2033

5.2. RED HAT OPENSTACK PLATFORM 9.0 TOOLS FOR RHEL 7 DESKTOP

The following table outlines the packages included in the **rhel-7-desktop-openstack-9-tools-rpms** channel.

Table 5.2. Red Hat OpenStack Platform 9.0 Tools for RHEL 7 Desktop Packages

Name	Version	Advisory
python-keystoneclient	2.3.1-3.el7ost	RHBA-2016:2031
python-novaclient	3.3.2-1.el7ost	RHBA-2016:2032

5.3. RED HAT OPENSTACK PLATFORM 9.0 FOR RHEL 7 SERVER TOOLS

The following table outlines the packages included in the **rhel-7-server-openstack-9-tools-rpms** channel.

Table 5.3. Red Hat OpenStack Platform 9.0 Tools for RHEL 7 Server Packages

Name	Version	Advisory
python-keystoneclient	2.3.1-3.el7ost	RHBA-2016:2031
python-novaclient	3.3.2-1.el7ost	RHBA-2016:2032

5.4. RED HAT OPENSTACK PLATFORM 9.0 TOOLS FOR RHEL 7 WORKSTATION PACKAGES

The following table outlines the packages included in the **rhel-7-workstation-openstack-9-tools-rpms** channel.

Table 5.4. Red Hat OpenStack Platform 9.0 Tools for RHEL 7 Workstation Packages

Name	Version	Advisory
python-keystoneclient	2.3.1-3.el7ost	RHBA-2016:2031
python-novaclient	3.3.2-1.el7ost	RHBA-2016:2032

CHAPTER 6. 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.

6.1. RED HAT OPENSTACK PLATFORM 9.0

The following table outlines the packages included in the **rhel-7-server-openstack-9-rpms** channel.

Table 6.1. Red Hat OpenStack Platform 9.0 Packages

Name	Version	Advisory
python-django	1.8.15-1.el7ost	RHSA-2016:2043
python-django-bash-completion	1.8.15-1.el7ost	RHSA-2016:2043

CHAPTER 7. UPDATE ON 13 OCTOBER, 2016

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

7.1. RED HAT OPENSTACK PLATFORM 9.0

The following table outlines the packages included in the **rhel-7-server-openstack-9-rpms** channel.

Table 7.1. Red Hat OpenStack Platform 9.0 Packages

Name	Version	Advisory
mariadb-galera-common	5.5.42-5.el7ost	RHSA-2016:2062
mariadb-galera-server	5.5.42-5.el7ost	RHSA-2016:2062

CHAPTER 8. 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.

8.1. RED HAT OPENSTACK PLATFORM 9.0

The following table outlines the packages included in the **rhel-7-server-openstack-9-rpms** channel.

Table 8.1. Red Hat OpenStack Platform 9.0 Packages

Name	Version	Advisory
openstack-manila-ui	2.1.0-2.el7ost	RHSA-2016:2117

CHAPTER 9. 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.

9.1. RED HAT OPENSTACK PLATFORM 9.0

The following table outlines the packages included in the **rhel-7-server-openstack-9-rpms** channel.

Table 9.1. Red Hat OpenStack Platform 9.0 Packages

Name	Version	Advisory
qemu-img-rhev	2.6.0-27.el7	RHSA-2016:2671
qemu-kvm-common-rhev	2.6.0-27.el7	RHSA-2016:2671
qemu-kvm-rhev	2.6.0-27.el7	RHSA-2016:2671
qemu-kvm-tools-rhev	2.6.0-27.el7	RHSA-2016:2671

CHAPTER 10. UPDATE ON 15 NOVEMBER, 2016

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

10.1. RED HAT OPENSTACK PLATFORM 9.0

The following table outlines the packages included in the **rhel-7-server-openstack-9-rpms** channel.

Table 10.1. Red Hat OpenStack Platform 9.0 Packages

Name	Version	Advisory
diskimage-builder	1.13.0-2.el7ost	RHBA-2016:2762
openstack-puppet-modules	8.1.8-3.el7ost	RHBA-2016:2761
openstack-selinux	0.7.11-1.el7ost	RHBA-2016:2762
python-os-brick	1.1.0-3.el7ost	RHBA-2016:2762