



# **Red Hat OpenStack Platform 10 Package Manifest**

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Package Listing for Red Hat OpenStack Platform 10

OpenStack Documentation TeamRed Hat



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## Package Listing for Red Hat OpenStack Platform 10

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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 10 GA, along with the dates of each subsequent asynchronous release for core components:

**Table 1.1. Red Hat OpenStack Platform 10 core component release schedule**

Release	Date
10.0.0 (General Availability)	December 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](https://access.redhat.com/support/offerings/production/scope_moredetail).

**Table 2.1. Package List**

Package Name	License	Designation
ansible	GPLv3+	Non-core
python-babel	BSD	Non-core
babel	BSD	Non-core
cloud-utils-growpart	GPLv3	Non-core
crudini	GPLv2	Non-core
Cython	Python	Non-core
dibbler-relay	GPLv2	technology preview
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-snmp	ASL 2.0	Non-core
erlang-xmerl	ASL 2.0	Non-core
erlang-sasl	ASL 2.0	Non-core



Package Name	License	Designation
erlang-diameter	ASL 2.0	Non-core
erlang-parsetools	ASL 2.0	Non-core
erlang-hipe	ASL 2.0	Non-core
erlang-ssl	ASL 2.0	Non-core
erlang-erl_interface	ASL 2.0	Non-core
erlang-eldap	ASL 2.0	Non-core
erlang-runtime_tools	ASL 2.0	Non-core
erlang-mnesia	ASL 2.0	Non-core
erlang-erl_docgen	ASL 2.0	Non-core
erlang-cosProperty	ASL 2.0	Non-core
erlang-ic	ASL 2.0	Non-core
erlang-compiler	ASL 2.0	Non-core
erlang-otp_mibs	ASL 2.0	Non-core
erlang-os_mon	ASL 2.0	Non-core
erlang-kernel	ASL 2.0	Non-core
erlang-cosTransactions	ASL 2.0	Non-core
erlang-inets	ASL 2.0	Non-core
erlang-edoc	ASL 2.0	Non-core
erlang-cosTime	ASL 2.0	Non-core
erlang-cosFileTransfer	ASL 2.0	Non-core
erlang-erts	ASL 2.0	Non-core
erlang-syntax_tools	ASL 2.0	Non-core
erlang-tools	ASL 2.0	Non-core
erlang-orber	ASL 2.0	Non-core

Package Name	License	Designation
erlang-crypto	ASL 2.0	Non-core
erlang-public_key	ASL 2.0	Non-core
erlang-asn1	ASL 2.0	Non-core
erlang-odbc	ASL 2.0	Non-core
erlang-eunit	ASL 2.0	Non-core
erlang-cosNotification	ASL 2.0	Non-core
erlang	ASL 2.0	Non-core
erlang-cosEvent	ASL 2.0	Non-core
erlang-cosEventDomain	ASL 2.0	Non-core
erlang-percept	ASL 2.0	Non-core
erlang-ssh	ASL 2.0	Non-core
erlang-ose	ASL 2.0	Non-core
erlang-stdlib	ASL 2.0	Non-core
erlang-sd_notify	MIT	Non-core
facter	ASL 2.0	Non-core
fio	GPLv2	Non-core
fontawesome-fonts-web	OFL ; MIT	Non-core
fontawesome-fonts	OFL ; MIT	Non-core
galera	GPLv2	Non-core
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
instack	ASL 2.0	Core

Package Name	License	Designation
instack-undercloud	ASL 2.0	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
openstack-aodh-api	ASL 2.0	Core
openstack-aodh-evaluator	ASL 2.0	Core
openstack-aodh-notifier	ASL 2.0	Core
python-aodh-tests	ASL 2.0	Core
python-aodh	ASL 2.0	Core
openstack-aodh-listener	ASL 2.0	Core
openstack-aodh-common	ASL 2.0	Core

Package Name	License	Designation
openstack-aodh-compat	ASL 2.0	Core
openstack-aodh-expirer	ASL 2.0	Core
openstack-ceilometer-compute	ASL 2.0	Core
openstack-ceilometer-api	ASL 2.0	Core
openstack-ceilometer-collector	ASL 2.0	Core
openstack-ceilometer-central	ASL 2.0	Core
python-ceilometer-tests	ASL 2.0	Core
openstack-ceilometer-common	ASL 2.0	Core
python-ceilometer	ASL 2.0	Core
openstack-ceilometer-polling	ASL 2.0	Core
openstack-ceilometer-notification	ASL 2.0	Core
openstack-ceilometer-ipmi	ASL 2.0	Core
python-cinder	ASL 2.0	Core
python-cinder-tests	ASL 2.0	Core
openstack-cinder	ASL 2.0	Core
openstack-designate-worker	ASL 2.0	technology preview
python-designate	ASL 2.0	technology preview
openstack-designate-sink	ASL 2.0	technology preview
openstack-designate-mdns	ASL 2.0	technology preview
openstack-designate-pool-manager	ASL 2.0	technology preview
openstack-designate-common	ASL 2.0	technology preview
openstack-designate-api	ASL 2.0	technology preview
openstack-designate-zone-manager	ASL 2.0	technology preview

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

Package Name	License	Designation
openstack-heat-templates	ASL 2.0	Core
python-heat-agent-puppet	ASL 2.0	Core
python-heat-agent-ansible	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
openstack-ironic-inspector	ASL 2.0	Core
openstack-ironic-python-agent	ASL 2.0	Core
python-ironic-python-agent	ASL 2.0	Core
openstack-keystone	ASL 2.0	Core
python-keystone-tests	ASL 2.0	Core
python-keystone	ASL 2.0	Core
python-manila	ASL 2.0	Non-core
openstack-manila-share	ASL 2.0	Non-core
openstack-manila	ASL 2.0	Non-core
python-manila-tests	ASL 2.0	Non-core
openstack-manila-ui	ASL 2.0	technology preview
openstack-mistral-executor	ASL 2.0	Non-core
python-mistral-tests	ASL 2.0	Non-core
openstack-mistral-common	ASL 2.0	Non-core
openstack-mistral-all	ASL 2.0	Non-core
python-openstack-mistral	ASL 2.0	Non-core
openstack-mistral-api	ASL 2.0	Non-core

Package Name	License	Designation
openstack-mistral-engine	ASL 2.0	Non-core
openstack-neutron-sriov-nic-agent	ASL 2.0	Core
openstack-neutron-linuxbridge	ASL 2.0	Core
python-neutron	ASL 2.0	Core
openstack-neutron-metering-agent	ASL 2.0	Core
openstack-neutron	ASL 2.0	Core
openstack-neutron-openvswitch	ASL 2.0	Core
openstack-neutron-rpc-server	ASL 2.0	Core
openstack-neutron-macvtap-agent	ASL 2.0	Core
openstack-neutron-ml2	ASL 2.0	Core
openstack-neutron-common	ASL 2.0	Core
python-neutron-tests	ASL 2.0	Core
python-neutron-fwaas	ASL 2.0	technology preview
python-neutron-fwaas-tests	ASL 2.0	technology preview
openstack-neutron-fwaas	ASL 2.0	technology preview
openstack-neutron-lbaas	ASL 2.0	Core
python-neutron-lbaas	ASL 2.0	Core
python-neutron-lbaas-tests	ASL 2.0	Core
openstack-neutron-lbaas-ui	ASL 2.0	technology preview
openstack-neutron-vyatta-agent	ASL 2.0	technology preview
python-neutron-vpnaas-tests	ASL 2.0	technology preview
python-neutron-vpnaas	ASL 2.0	technology preview
openstack-neutron-vpnaas	ASL 2.0	technology preview

Package Name	License	Designation
openstack-nova-console	ASL 2.0	Core
openstack-nova	ASL 2.0	Core
openstack-nova-common	ASL 2.0	Core
openstack-nova-scheduler	ASL 2.0	Core
openstack-nova-placement-api	ASL 2.0	Core
openstack-nova-api	ASL 2.0	Core
openstack-nova-cells	ASL 2.0	Core
openstack-nova-compute	ASL 2.0	Core
openstack-nova-serialproxy	ASL 2.0	Core
openstack-nova-novncproxy	ASL 2.0	Core
openstack-nova-cert	ASL 2.0	Core
openstack-nova-network	ASL 2.0	Core
python-nova-tests	ASL 2.0	Core
openstack-nova-conductor	ASL 2.0	Core
openstack-nova-spicehtml5proxy	ASL 2.0	Core
python-nova	ASL 2.0	Core
openstack-puppet-modules	ASL 2.0	Non-core
openstack-rally	ASL 2.0	technology preview
openstack-sahara-api	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-engine	ASL 2.0	Core



Package Name	License	Designation
python-sahara-tests-tempest	ASL 2.0	Non-core
python-sahara-tests-scenario	ASL 2.0	Non-core
openstack-sahara-tests	ASL 2.0	Non-core
openstack-sahara-ui	ASL 2.0	Non-core
openstack-selinux	GPLv2	Core
openstack-swift-object	ASL 2.0	Core
openstack-swift-container	ASL 2.0	Core
python-swift	ASL 2.0	Core
openstack-swift-proxy	ASL 2.0	Core
openstack-swift-account	ASL 2.0	Core
python-swift-tests	ASL 2.0	Core
openstack-swift-plugin-swift3	ASL 2.0	Non-core
openstack-tempest	ASL 2.0	Core
python-tempest	ASL 2.0	Core
openstack-tempest-all	ASL 2.0	Core
python-tempest-tests	ASL 2.0	Core
openstack-tripleo	ASL 2.0	Core
openstack-tripleo-common	ASL 2.0	Non-core
openstack-tripleo-heat-templates	ASL 2.0	Core
openstack-tripleo-heat-templates-compat	ASL 2.0	Non-core
openstack-tripleo-image-elements	ASL 2.0	Non-core
openstack-tripleo-puppet-elements	ASL 2.0	Non-core

Package Name	License	Designation
openstack-tripleo-ui	ASL 2.0	Core
openstack-tripleo-validations-tests	ASL 2.0	Core
openstack-tripleo-validations	ASL 2.0	Core
openstack-zaqar	ASL 2.0	Non-core
python-zaqar-tests	ASL 2.0	Non-core
python-openvswitch	ASL 2.0 and LGPLv2+ and SISSL	Non-core
openvswitch	ASL 2.0 and LGPLv2+ and SISSL	Non-core
os-apply-config	ASL 2.0	Non-core
os-cloud-config	ASL 2.0	Non-core
os-collect-config	ASL 2.0	Non-core
os-net-config	ASL 2.0	Non-core
os-refresh-config	ASL 2.0	Non-core
oz	LGPLv2	Non-core
plotnetcfg	GPLv2+	Non-core
puppet-server	ASL 2.0	Non-core
puppet	ASL 2.0	Non-core
puppet-aodh	ASL 2.0	Non-core
puppet-apache	ASL 2.0	Non-core
puppet-barbican	ASL 2.0	Non-core
puppet-cassandra	ASL 2.0	Non-core
puppet-ceilometer	ASL 2.0	Non-core
puppet-ceph	ASL 2.0	Non-core
puppet-certmonger	ASL 2.0	Non-core

Package Name	License	Designation
puppet-cinder	ASL 2.0	Non-core
puppet-collectd	ASL 2.0	Non-core
puppet-concat	ASL 2.0	Non-core
puppet-contrail	ASL 2.0	Non-core
puppet-corosync	ASL 2.0	Non-core
puppet-datacat	ASL 2.0	Non-core
puppet-elasticsearch	ASL 2.0	Non-core
puppet-firewall	ASL 2.0	Non-core
puppet-fluentd	ASL 2.0	Non-core
puppet-git	ASL 2.0	Non-core
puppet-glance	ASL 2.0	Non-core
puppet-gnocchi	ASL 2.0	Non-core
puppet-haproxy	ASL 2.0	Non-core
puppet-heat	ASL 2.0	Non-core
puppet-horizon	ASL 2.0	Non-core
puppet-inifile	ASL 2.0	Non-core
puppet-ironic	ASL 2.0	Non-core
puppet-java	ASL 2.0	Non-core
puppet-kafka	ASL 2.0	Non-core
puppet-keepalived	ASL 2.0	Non-core
puppet-keystone	ASL 2.0	Non-core
puppet-kibana3	ASL 2.0	Non-core
puppet-kmod	ASL 2.0	Non-core
puppet-manila	ASL 2.0	Non-core

Package Name	License	Designation
puppet-memcached	ASL 2.0	Non-core
puppet-midonet	ASL 2.0	Non-core
puppet-mistral	ASL 2.0	Non-core
puppet-module-data	ASL 2.0	Non-core
puppet-mongodb	ASL 2.0	Non-core
puppet-mysql	ASL 2.0	Non-core
puppet-n1k-vsm	ASL 2.0	Non-core
puppet-neutron	ASL 2.0	Non-core
puppet-nova	ASL 2.0	Non-core
puppet-nssdb	ASL 2.0	Non-core
puppet-ntp	ASL 2.0	Non-core
puppet-opendaylight	BSD-2-Clause	Non-core
puppet-openstack_extras	ASL 2.0	Non-core
puppet-openstacklib	ASL 2.0	Non-core
puppet-oslo	ASL 2.0	Non-core
puppet-ovn	ASL 2.0	Non-core
puppet-pacemaker	ASL 2.0	Non-core
puppet-rabbitmq	ASL 2.0	Non-core
puppet-redis	ASL 2.0	Non-core
puppet-remote	ASL 2.0	Non-core
puppet-rsync	ASL 2.0	Non-core
puppet-sahara	ASL 2.0	Non-core
puppet-sensu	MIT	Non-core
puppet-snmp	ASL 2.0	Non-core

Package Name	License	Designation
puppet-ssh	ASL 2.0	Non-core
puppet-staging	ASL 2.0	Non-core
puppet-stdlib	ASL 2.0	Non-core
puppet-swift	ASL 2.0	Non-core
puppet-sysctl	GPLv2	Non-core
puppet-tempest	ASL 2.0	Non-core
puppet-timezone	ASL 2.0	Non-core
puppet-tomcat	ASL 2.0	Non-core
puppet-tripleo	ASL 2.0	Non-core
puppet-trove	ASL 2.0	Non-core
puppet-uchiwa	ASL 2.0	Non-core
puppet-vcsrepo	GPLv2	Non-core
puppet-vlan	ASL 2.0	Non-core
puppet-vswitch	ASL 2.0	Non-core
puppet-xinetd	ASL 2.0	Non-core
puppet-zaqar	ASL 2.0	Non-core
puppet-zookeeper	ASL 2.0	Non-core
pyflakes	MIT	Non-core
pyOpenSSL	ASL 2.0	Non-core
pyparsing	MIT	Non-core
pysendfile	MIT	Non-core
pyserial	Python	Non-core
pysnmp	BSD	Non-core
pystache	MIT	Non-core

Package Name	License	Designation
pytest	MIT	Non-core
python-alembic	MIT	Non-core
python-amqp	LGPLv2+	Non-core
python-amqpplib	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-botoCore	ASL 2.0	Non-core
python-Bottleneck	BSD	Non-core
python-cachetools	MIT	Non-core
python-castellan	ASL 2.0	Non-core
python-ceilometerclient	ASL 2.0	Core
python-ceilometermiddleware	ASL 2.0	Non-core
python-characteristic	MIT	Non-core
python-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-colorama	BSD	Non-core

Package Name	License	Designation
python-contextlib2	Python	Non-core
python-cotyledon	ASL 2.0	Non-core
python-cradox	LGPLv2	Non-core
python-croniter	MIT	Non-core
python-crypto	Public Domain and Python	Non-core
python-cursive	ASL 2.0	Non-core
python-dateutil	Python	Non-core
python-ddt	MIT	Non-core
python-debtcollector	ASL 2.0	Non-core
python-designateclient-tests	ASL 2.0	technology preview
python-designateclient	ASL 2.0	technology preview
python-designate-tests-tempest	ASL 2.0	Non-core
python-django	BSD	Non-core
python-django-bash-completion	BSD	Non-core
python-django-appconf	BSD	Non-core
python-django-compressor	MIT	Non-core
openstack-dashboard	ASL 2.0 and BSD	Core
python-django-horizon	ASL 2.0 and BSD	Core
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
python-dogpile-cache	BSD	Non-core
python-dogpile-Core	BSD	Non-core

Package Name	License	Designation
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-flask-babel	BSD	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	Core
python-hacking	ASL 2.0	Non-core
python-hardware-detect	ASL 2.0	Non-core
python-hardware	ASL 2.0	Non-core
python-heatclient	ASL 2.0	Core
python-horizon-tests-tempest	ASL 2.0	Non-core



Package Name	License	Designation
python-httplib2	MIT	Non-core
python-lmcSdk	ASL 2.0	Non-core
python-ironic-cisco	ASL 2.0	Non-core
python-ironicclient	ASL 2.0	Core
python-ironic-inspector-client	ASL 2.0	Core
python-ironic-lib	ASL 2.0	Non-core
python-iso8601	MIT	Non-core
python-jmespath	MIT	Non-core
python-jsonpatch	BSD	Non-core
python-jsonpath-rw	ASL 2.0	Non-core
python-jsonpath-rw-ext	ASL 2.0	Non-core
python-jsonpointer	BSD	Non-core
python-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-keyczar	ASL 2.0	Non-core
python-keyring	MIT and Python	Non-core
python-keystoneauth1	ASL 2.0	Non-core
python-keystoneclient	ASL 2.0	Core
python-keystoneclient-kerberos	ASL 2.0	Core
python-keystonemiddleware	ASL 2.0	Core
python-kombu	BSD and Python	Non-core

Package Name	License	Designation
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
python-lockfile	MIT	Non-core
python-logutils	BSD	Non-core
python-lxml	BSD	Non-core
python-lz4	BSD	Non-core
python-magnumclient	ASL 2.0	Non-core
python-manilaclient	ASL 2.0	Non-core
python-markdown	BSD	Non-core
python-mccabe	MIT	Non-core
python-memcached	Python	Non-core
python-microversion-parse	ASL 2.0	Non-core
python-migrate	MIT	Non-core
python-mimeparse	MIT	Non-core
python-mistralclient	ASL 2.0	Non-core
python-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-muranoclient	ASL 2.0	Non-core
python-ncclient	ASL 2.0	Non-core
python-netaddr	BSD	Non-core

Package Name	License	Designation
openstack-neutron-bigswitch-agent	ASL 2.0	Non-core
python-networking-bigswitch	ASL 2.0	Non-core
openstack-neutron-bigswitch-lldp	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	BSD	Non-core
python-networkx-Core	BSD	Non-core
python-neutronclient	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-osc-lib	ASL 2.0	Non-core
python-os-client-config	ASL 2.0	Non-core
python-oslo-cache-tests	ASL 2.0	Non-core
python-oslo-cache	ASL 2.0	Non-core

Package Name	License	Designation
python-oslo-cache-lang	ASL 2.0	Non-core
python-oslo-concurrency-lang	ASL 2.0	Non-core
python-oslo-concurrency-tests	ASL 2.0	Non-core
python-oslo-concurrency	ASL 2.0	Non-core
python-oslo-config	ASL 2.0	Non-core
python-oslo-context	ASL 2.0	Non-core
python-oslo-context-tests	ASL 2.0	Non-core
python-oslo-db	ASL 2.0	Non-core
python-oslo-db-tests	ASL 2.0	Non-core
python-oslo-db-lang	ASL 2.0	Non-core
python-oslo-i18n	ASL 2.0	Non-core
python-oslo-i18n-lang	ASL 2.0	Non-core
python-oslo-log	ASL 2.0	Non-core
python-oslo-log-lang	ASL 2.0	Non-core
python-oslo-log-tests	ASL 2.0	Non-core
python-oslo-messaging	ASL 2.0	Non-core
python-oslo-messaging-tests	ASL 2.0	Non-core
python-oslo-middleware-tests	ASL 2.0	Non-core
python-oslo-middleware-lang	ASL 2.0	Non-core
python-oslo-middleware	ASL 2.0	Non-core
python-oslo-policy-lang	ASL 2.0	Non-core
python-oslo-policy-tests	ASL 2.0	Non-core
python-oslo-policy	ASL 2.0	Non-core
python-oslo-privsep	ASL 2.0	Non-core

Package Name	License	Designation
python-oslo-privsep-lang	ASL 2.0	Non-core
python-oslo-privsep-tests	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-tests	ASL 2.0	Non-core
python-oslo-serialization	ASL 2.0	Non-core
python-oslo-service	ASL 2.0	Non-core
python-oslo-service-tests	ASL 2.0	Non-core
python-oslo-sphinx	ASL 2.0	Non-core
python-oslotest	ASL 2.0	Non-core
python-oslo-utils-lang	ASL 2.0	Non-core
python-oslo-utils	ASL 2.0	Non-core
python-oslo-utils-tests	ASL 2.0	Non-core
python-oslo-versionedobjects-tests	ASL 2.0	Non-core
python-oslo-versionedobjects-lang	ASL 2.0	Non-core
python-oslo-versionedobjects	ASL 2.0	Non-core
python-oslo-vmware	ASL 2.0	Non-core
python-oslo-vmware-lang	ASL 2.0	Non-core
python-osprofiler	ASL 2.0	Non-core
python-os-testr	ASL 2.0	Non-core
python-os-vif	ASL 2.0	Non-core

Package Name	License	Designation
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-ptyprocess	ISC	Non-core
python-py	MIT and Public Domain	Non-core
python-pycadf-common	ASL 2.0	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

Package Name	License	Designation
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
python-ryu-common	ASL 2.0	technology preview
python-ryu	ASL 2.0	technology preview

Package Name	License	Designation
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-setproctitle	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-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-suds	LGPLv3+	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



Package Name	License	Designation
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 ; ASL 2.0	Non-core
python-traceback2	Python	Non-core
python-tripleoclient	ASL 2.0	Core
python-trollius	ASL 2.0	Non-core
python-troveclient	ASL 2.0	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-unicodcsv	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

Package Name	License	Designation
python-webtest	MIT	Non-core
python-wrapt	BSD	Non-core
python-wsaccel	ASL 2.0	Non-core
python-wsgi_intercept	MIT	Non-core
python-wsme	MIT	Non-core
python-XStatic	MIT	Non-core
python-XStatic-Angular	MIT	Non-core
python-XStatic-Angular-Bootstrap	MIT	Non-core
python-XStatic-Angular-FileUpload	MIT	Non-core
xstatic-angular-fileupload-common	MIT	Non-core
python-XStatic-Angular-Gettext	MIT	Non-core
python-XStatic-Angular-lrdragndrop	MIT	Non-core
python-XStatic-Angular-Mock	MIT	Non-core
xstatic-angular-schema-form-common	MIT	Non-core
python-XStatic-Angular-Schema-Form	MIT	Non-core
python-XStatic-Bootstrap-Datepicker	ASL 2.0	Non-core
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

Package Name	License	Designation
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
python-XStatic-jquery-ui	CCO	Non-core
python-XStatic-JSEncrypt	MIT	Non-core
python-XStatic-Magic-Search	ASL 2.0	Non-core
mdi-fonts	OFL	Non-core
python-XStatic-mdi	OFL	Non-core
mdi-common	OFL	Non-core
xstatic-objectpath-common	MIT	Non-core
python-XStatic-objectpath	MIT	Non-core
python-XStatic-QUnit	MIT	Non-core
python-XStatic-Rickshaw	MIT	Non-core
python-XStatic-roboto-fontface	ASL 2.0	Non-core
roboto-fontface-fonts	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

Package Name	License	Designation
xstatic-tv4-common	Public Domain	Non-core
python-XStatic-tv4	Public Domain	Non-core
python-yaql	ASL 2.0	Non-core
python-zake	ASL 2.0	Non-core
python-zaqarclient	ASL 2.0	Non-core
python-zope-interface	ZPLv2.1	Non-core
qemu-kvm-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
redis	BSD	Non-core
rhosp-release	GPLv2	Non-core

Package Name	License	Designation
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 SISSL 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
ruby-augeas	LGPLv2+	Non-core
rubygem-rgen	MIT	Non-core
ruby-shadow	Public Domain	Non-core
sahara-image-elements	ASL 2.0	Core
sshpas	GPLv2	Non-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
sysbench	GPLv2+	Non-core
v8	BSD	Non-core
web-assets-filesystem	MIT ; Public Domain	Non-core

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

## CHAPTER 3. RED HAT OPENSTACK PLATFORM 10.0

This section outlines the packages shipped in each channel released with the general availability of Red Hat OpenStack Platform 10.0.0.

### 3.1. RED HAT OPENSTACK PLATFORM 10 FOR RHEL 7

The following table outlines the packages included in the **rhel-7-server-openstack-10-rpms** channel.

**Table 3.1. Red Hat OpenStack Platform 10 for RHEL 7 Packages**

Name	Version	Advisory
Cython	0.21.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
ansible	2.2.0.0-1.el7	<a href="#">RHEA-2016:2948</a>
babel	2.3.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
bootswatch-common	3.3.5.3-2.1.el7ost	<a href="#">RHEA-2016:2948</a>
bootswatch-fonts	3.3.5.3-2.1.el7ost	<a href="#">RHEA-2016:2948</a>
cloud-utils-growpart	0.27-13.el7	<a href="#">RHEA-2016:2948</a>
crudini	0.7-2.el7ost	<a href="#">RHEA-2016:2948</a>
dib-utils	0.0.10-1.el7ost	<a href="#">RHEA-2016:2948</a>
dibbler-client	1.0.1-0.RC1.2.el7ost	<a href="#">RHEA-2016:2948</a>
dibbler-relay	1.0.1-0.RC1.2.el7ost	<a href="#">RHEA-2016:2948</a>
dibbler-requestor	1.0.1-0.RC1.2.el7ost	<a href="#">RHEA-2016:2948</a>
dibbler-server	1.0.1-0.RC1.2.el7ost	<a href="#">RHEA-2016:2948</a>
diskimage-builder	1.22.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
dnsmasq-utils	2.66-21.el7	<a href="#">RHEA-2016:2948</a>
erlang	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-asn1	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-compiler	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>



Name	Version	Advisory
erlang-cosEvent	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-cosEventDomain	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-cosFileTransfer	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-cosNotification	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-cosProperty	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-cosTime	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-cosTransactions	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-crypto	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-diameter	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-edoc	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-eldap	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-erl_docgen	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-erl_interface	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-erts	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-eunit	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-hipe	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-ic	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-inets	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-kernel	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-mnesia	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-odbc	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-orber	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-os_mon	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-ose	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
erlang-otp_mibs	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-parsetools	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-percept	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-public_key	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-runtime_tools	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-sasl	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-sd_notify	0.1-9.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-snmp	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-ssh	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-ssl	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-stdlib	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-syntax_tools	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-tools	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
erlang-xmerl	18.3.4.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
facter	2.4.4-4.el7	<a href="#">RHEA-2016:2948</a>
fio	2.2.10-1.el7ost	<a href="#">RHEA-2016:2948</a>
fontawesome-fonts	4.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
fontawesome-fonts-web	4.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
galera	25.3.5-7.el7ost	<a href="#">RHEA-2016:2948</a>
hdf5	1.8.13-7.el7ost	<a href="#">RHEA-2016:2948</a>
heat-cfntools	1.3.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
hiera	1.3.4-1.el7	<a href="#">RHEA-2016:2948</a>
instack	5.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
instack-undercloud	5.1.0-4.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
jq	1.3-3.el7ost	<a href="#">RHEA-2016:2948</a>
keycloak-httpd-client-install	0.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
liberasurecode	1.2.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
libstemmer	0-2.585svn.el7ost	<a href="#">RHEA-2016:2948</a>
libxslt-python	1.1.28-5.el7	<a href="#">RHEA-2016:2948</a>
lz4	r131-2.el7ost	<a href="#">RHEA-2016:2948</a>
mariadb-galera-common	5.5.42-5.el7ost	<a href="#">RHEA-2016:2948</a>
mariadb-galera-server	5.5.42-5.el7ost	<a href="#">RHEA-2016:2948</a>
mdi-common	1.1.70.1-5.el7ost	<a href="#">RHEA-2016:2948</a>
mdi-fonts	1.1.70.1-5.el7ost	<a href="#">RHEA-2016:2948</a>
memcached	1.4.33-2.1.el7ost	<a href="#">RHEA-2016:2948</a>
mongodb	2.6.11-1.el7ost	<a href="#">RHEA-2016:2948</a>
mongodb-server	2.6.11-1.el7ost	<a href="#">RHEA-2016:2948</a>
novnc	0.6.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
opendaylight	1.0.2-2.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-aodh-api	3.0.1-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-aodh-common	3.0.1-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-aodh-compatible	3.0.1-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-aodh-evaluator	3.0.1-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-aodh-expirer	3.0.1-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-aodh-listener	3.0.1-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-aodh-notifier	3.0.1-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-ceilometer-api	7.0.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-ceilometer-central	7.0.0-4.el7ost	<a href="#">RHEA-2016:2948</a>

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openstack-ceilometer-collector	7.0.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-ceilometer-common	7.0.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-ceilometer-compute	7.0.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-ceilometer-ipmi	7.0.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-ceilometer-notification	7.0.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-ceilometer-polling	7.0.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-cinder	9.0.0-13.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-dashboard	10.0.1-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-dashboard-theme	10.0.1-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-designate-agent	3.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-designate-api	3.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-designate-central	3.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-designate-common	3.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-designate-mdns	3.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-designate-pool-manager	3.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-designate-producer	3.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-designate-sink	3.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-designate-worker	3.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-designate-zone-manager	3.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-ec2-api	3.0.2-2.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-glance	13.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-gnocchi-api	3.0.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-gnocchi-carbonara	3.0.2-1.el7ost	<a href="#">RHEA-2016:2948</a>

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openstack-gnocchi-common	3.0.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-gnocchi-indexer-sqlalchemy	3.0.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-gnocchi-metricd	3.0.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-gnocchi-statsd	3.0.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-heat-api	7.0.0-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-heat-api-cfn	7.0.0-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-heat-api-cloudwatch	7.0.0-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-heat-common	7.0.0-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-heat-engine	7.0.0-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-heat-templates	0-0.9.1e6015dgit.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-ironic-api	6.2.2-2.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-ironic-common	6.2.2-2.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-ironic-conductor	6.2.2-2.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-ironic-inspector	4.2.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-ironic-python-agent	1.5.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-keystone	10.0.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-manila	3.0.0-5.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-manila-share	3.0.0-5.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-manila-ui	2.5.1-5.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-mistral-all	3.0.2-9.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-mistral-api	3.0.2-9.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-mistral-common	3.0.2-9.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-mistral-engine	3.0.2-9.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-mistral-executor	3.0.2-9.el7ost	<a href="#">RHEA-2016:2948</a>

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openstack-neutron	9.1.0-8.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-neutron-bigswitch-agent	9.40.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-neutron-bigswitch-lldp	9.40.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-neutron-common	9.1.0-8.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-neutron-fwaas	9.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-neutron-lbaas	9.1.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-neutron-lbaas-ui	1.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-neutron-linuxbridge	9.1.0-8.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-neutron-macvtap-agent	9.1.0-8.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-neutron-metering-agent	9.1.0-8.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-neutron-ml2	9.1.0-8.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-neutron-openvswitch	9.1.0-8.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-neutron-rpc-server	9.1.0-8.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-neutron-sriov-nic-agent	9.1.0-8.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-neutron-vpnaas	9.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-neutron-vyatta-agent	9.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-nova	14.0.2-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-nova-api	14.0.2-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-nova-cells	14.0.2-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-nova-cert	14.0.2-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-nova-common	14.0.2-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-nova-compute	14.0.2-7.el7ost	<a href="#">RHEA-2016:2948</a>

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openstack-nova-conductor	14.0.2-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-nova-console	14.0.2-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-nova-network	14.0.2-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-nova-novncproxy	14.0.2-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-nova-placement-api	14.0.2-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-nova-scheduler	14.0.2-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-nova-serialproxy	14.0.2-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-nova-spicehtml5proxy	14.0.2-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-puppet-modules	9.3.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-rally	0.7.0-6.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-sahara	5.0.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-sahara-api	5.0.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-sahara-common	5.0.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-sahara-engine	5.0.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-sahara-tests	0.3.0-9.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-sahara-ui	5.0.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-selinux	0.7.13-1.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-swift-account	2.10.0-6.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-swift-container	2.10.0-6.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-swift-object	2.10.0-6.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-swift-plugin-swift3	1.11.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-swift-proxy	2.10.0-6.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-tempest	13.0.0-7.bafe630git.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-tempest-all	13.0.0-7.bafe630git.el7ost	<a href="#">RHEA-2016:2948</a>

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openstack-tripleo	0.0.8-0.2.4de13b3git.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-tripleo-common	5.4.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-tripleo-heat-templates	5.1.0-7.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-tripleo-heat-templates-compat	2.0.0-41.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-tripleo-image-elements	5.1.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-tripleo-puppet-elements	5.1.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-tripleo-ui	1.0.5-3.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-tripleo-validations	5.1.0-5.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-tripleo-validations-tests	5.1.0-5.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-zaqar	3.0.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
openvswitch	2.5.0-14.git20160727.el7fdp	<a href="#">RHBA-2016:2949</a>
os-apply-config	5.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
os-cloud-config	5.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
os-collect-config	5.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
os-net-config	5.0.0-5.el7ost	<a href="#">RHEA-2016:2948</a>
os-refresh-config	5.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
oz	0.12.0-2.el7	<a href="#">RHEA-2016:2948</a>
plotnetcfg	0.4.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
puppet	3.8.7-2.el7	<a href="#">RHEA-2016:2948</a>
puppet-aodh	9.4.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-apache	1.10.0-2.05a0aacgit.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-barbican	9.4.0-3.el7ost	<a href="#">RHEA-2016:2948</a>



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puppet-cassandra	2.1.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-ceilometer	9.4.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-ceph	2.2.1-3.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-certmonger	1.1.1-1.1157a7egit.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-cinder	9.4.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-collectd	5.1.0-1.20161023122419.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-concat	2.2.0-2.ba64361git.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-contrail	1.0.0-1.c0f7cdegit.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-corosync	5.0.0-1.f3ada25git.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-datacat	0.6.2-1.10f6ddegit.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-elasticsearch	0.14.0-1.8b247b2git.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-firewall	1.8.1-2.e70157egit.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-fluentd	0.8.0-1.907deb9git.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-git	0.4.0-1.5e86224git.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-glance	9.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-gnocchi	9.4.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-haproxy	1.5.0-3.f8c5f27git.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-heat	9.4.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-horizon	9.4.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-inifile	1.6.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-ironic	9.4.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-java	1.6.0-3.1.2b0bd48git.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-kafka	2.1.0-4.061ef74git.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-keepalived	0.0.1-0.11.bbca37agit.el7ost	<a href="#">RHEA-2016:2948</a>

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puppet-keystone	9.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-kibana3	0.0.4-1.6ca9631git.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-kmod	2.1.1-1.ea03df0git.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-manila	9.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-memcached	2.8.1-1.bfa64e0git.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-midonet	2015.06.09-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-mistral	9.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-module-data	0.0.4-1.28dafcegit.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-mongodb	0.16.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-mysql	3.10.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-n1k-vsm	0.0.2-1.0.91772fagit.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-neutron	9.4.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-nova	9.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-nssdb	1.0.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-ntp	4.2.0-1.d93d4b6git.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-opendaylight	3.7.0-1.b2d8d9dgit.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-openstack_extras	9.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-openstacklib	9.4.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-oslo	9.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-ovn	9.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-pacemaker	0.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-rabbitmq	5.6.0-1.057a013git.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-redis	1.2.3-2.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-remote	0.0.1-1.el7ost	<a href="#">RHEA-2016:2948</a>

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puppet-rsync	0.4.0-1.8cc3c6fgit.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-sahara	9.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-sensu	2.1.0-4.7f60b2cggit.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-server	3.8.7-2.el7	<a href="#">RHEA-2016:2948</a>
puppet-snmp	3.6.0-1.7d4c97cggit.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-ssh	2.9.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-staging	1.0.4-1.b466d93git.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-stdlib	4.13.1-3.f2492eegit.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-swift	9.4.3-2.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-sysctl	0.0.11-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-tempest	9.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-timezone	3.3.0-1.cf62f1bgit.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-tomcat	1.6.0-2.c8c6613git.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-tripleo	5.4.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-trove	9.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-uchiwa	1.0.1-1.64ce619git.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-vcsrepo	1.4.0-2.cd6c3bcgit.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-vlan	0.1.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-vswitch	5.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-xinetd	2.0.0-2.f9d6e18git.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-zaqar	9.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
puppet-zookeeper	0.6.1-1.3bc30fcgit.el7ost	<a href="#">RHEA-2016:2948</a>
pyOpenSSL	0.15.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
pyflakes	0.9.2-1.el7ost	<a href="#">RHEA-2016:2948</a>

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pyarsing	2.0.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
pysendfile	2.0.0-9.el7ost	<a href="#">RHEA-2016:2948</a>
pyserial	2.6-5.el7	<a href="#">RHEA-2016:2948</a>
pysnmp	4.2.5-1.el7ost	<a href="#">RHEA-2016:2948</a>
pystache	0.5.3-2.el7ost	<a href="#">RHEA-2016:2948</a>
pytest	2.8.7-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-Bottleneck	0.6.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-ImcSdk	0.7.2-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-PyMySQL	0.6.7-2.2.el7ost	<a href="#">RHEA-2016:2948</a>
python-UcsSdk	0.8.2.5-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-XStatic	1.0.1-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-XStatic-Angular	1.3.7.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-XStatic-Angular-Bootstrap	0.11.0.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
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python-XStatic-Angular-Schema-Form	0.8.13.0-0.1.pre_review.el7ost	<a href="#">RHEA-2016:2948</a>
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python-designateclient	2.3.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
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python-flake8	2.4.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-flask-babel	0.9-3.el7ost	<a href="#">RHEA-2016:2948</a>
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python-gabbi	1.27.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
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python-hardware	0.18-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-hardware-detect	0.18-2.el7ost	<a href="#">RHEA-2016:2948</a>
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python-heat-agent-ansible	0-0.9.1e6015dgit.el7ost	<a href="#">RHEA-2016:2948</a>
python-heat-agent-puppet	0-0.9.1e6015dgit.el7ost	<a href="#">RHEA-2016:2948</a>
python-heat-tests	7.0.0-7.el7ost	<a href="#">RHEA-2016:2948</a>
python-heatclient	1.5.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-horizon-tests-tempest	0.0.1-0.2.5378f71git.el7ost	<a href="#">RHEA-2016:2948</a>
python-httplib2	0.9.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-ironic-cisco	0.0.1-0.20160802211210.b918a5a.el7ost	<a href="#">RHEA-2016:2948</a>
python-ironic-inspector-client	1.9.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
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python-keycloak-httpd-client-install	0.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
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python-keystoneauth1	2.12.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-keystoneclient	3.5.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-keystoneclient-kerberos	0.1.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-keystonemiddleware	4.9.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-kombu	3.0.32-2.el7ost	<a href="#">RHEA-2016:2948</a>
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python-ldappool	1.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
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python-memcached	1.54-3.el7ost	<a href="#">RHEA-2016:2948</a>
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python-mock	2.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
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python-msgpack	0.4.6-3.el7ost	<a href="#">RHEA-2016:2948</a>
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python-neutron-lbaas-tests	9.1.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
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python-neutron-vpnaas	9.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-neutron-vpnaas-tests	9.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
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python-oslo-concurrency	3.14.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
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python-oslo-context-tests	2.9.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
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python-oslo-i18n	3.9.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-i18n-lang	3.9.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-log	3.16.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-log-lang	3.16.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-log-tests	3.16.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-messaging	5.10.0-5.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
python-oslo-messaging-tests	5.10.0-5.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-middleware	3.19.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-middleware-lang	3.19.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-middleware-tests	3.19.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-policy	1.14.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-policy-lang	1.14.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-policy-tests	1.14.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-privsep	1.13.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-privsep-lang	1.13.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-privsep-tests	1.13.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-reports	1.14.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-reports-tests	1.14.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-rootwrap	5.1.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-rootwrap-tests	5.1.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-serialization	2.13.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-serialization-tests	2.13.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-service	1.16.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-service-tests	1.16.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-sphinx	4.7.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-utils	3.16.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-utils-lang	3.16.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-utils-tests	3.16.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-versionedobjects	1.17.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-versionedobjects-lang	1.17.0-1.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
python-oslo-versionedobjects-tests	1.17.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-vmware	2.14.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-vmware-lang	2.14.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslotest	2.10.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-osprofiler	1.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-pandas	0.17.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-paramiko	2.0.0-1.0.el7ost	<a href="#">RHEA-2016:2948</a>
python-passlib	1.6.5-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-paste-deploy	1.5.2-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-pathlib	1.0.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-pbr	1.10.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-pecan	1.1.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-pep8	1.5.7-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-pika	0.10.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-pika_pool	0.1.3-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-pint	0.6-5.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-positional	1.1.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-posix_ipc	0.9.8-5.el7ost	<a href="#">RHEA-2016:2948</a>
python-prettytable	0.7.2-1.el7	<a href="#">RHEA-2016:2948</a>
python-proliantutils	2.1.11-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-psutil	1.2.1-1.el7	<a href="#">RHEA-2016:2948</a>
python-ptyprocess	0.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-py	1.4.30-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-pycadf	2.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
python-pycadf-common	2.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-pyeclib	1.3.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-pyghmi	0.8.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-pygments	2.0.2-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-pymemcache	1.2.5-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-pymongo	3.0.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-pymongo-gridfs	3.0.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-pysaml2	3.0.2-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-pysocks	1.5.6-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-pytimeparse	1.1.5-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-rcssmin	1.0.6-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-redis	2.10.3-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-reno	1.8.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-repoze-lru	0.4-8.el7ost	<a href="#">RHEA-2016:2948</a>
python-repoze-who	2.1-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-requests	2.10.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-requests-kerberos	0.8.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-requests-mock	1.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-requests-oauthlib	0.5.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-requestsexceptions	1.1.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-retrying	1.2.3-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-rfc3986	0.3.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-rjsmin	1.0.12-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-routes	1.13-2.el7ost	<a href="#">RHEA-2016:2948</a>



Name	Version	Advisory
python-ryu	4.3-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-ryu-common	4.3-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-sahara	5.0.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-sahara-tests	5.0.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-sahara-tests-scenario	0.3.0-9.el7ost	<a href="#">RHEA-2016:2948</a>
python-sahara-tests-tempest	0.3.0-9.el7ost	<a href="#">RHEA-2016:2948</a>
python-saharaclient	0.18.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-scciclient	0.3.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-scss	1.3.4-6.el7ost	<a href="#">RHEA-2016:2948</a>
python-semantic_version	2.4.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-service-identity	14.0.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-setproctitle	1.1.9-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-simplegeneric	0.8-7.el7ost	<a href="#">RHEA-2016:2948</a>
python-simplejson	3.5.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-singledispatch	3.4.0.3-2.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-snappy	0.5-8.el7ost	<a href="#">RHEA-2016:2948</a>
python-speaklater	1.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-sphinx	1.2.3-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-sqlalchemy	1.0.11-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-sqlalchemy-utils	0.31.3-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-sqlite3dbm	0.1.4-7.el7ost	<a href="#">RHEA-2016:2948</a>
python-sqlparse	0.1.18-5.el7ost	<a href="#">RHEA-2016:2948</a>
python-stevedore	1.17.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-subunit	1.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
python-suds	0.7-0.4.94664ddd46a6.el7ost	<a href="#">RHEA-2016:2948</a>
python-swift	2.10.0-6.el7ost	<a href="#">RHEA-2016:2948</a>
python-swift-tests	2.10.0-6.el7ost	<a href="#">RHEA-2016:2948</a>
python-swiftclient	3.1.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-sysv_ipc	0.4.2-13.el7ost	<a href="#">RHEA-2016:2948</a>
python-sysv_ipc-examples	0.4.2-13.el7ost	<a href="#">RHEA-2016:2948</a>
python-tables	3.1.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-tablib	0.10.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-taskflow	2.6.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-tempest	13.0.0-7.bafe630git.el7ost	<a href="#">RHEA-2016:2948</a>
python-tempest-lib	1.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-tempest-tests	13.0.0-7.bafe630git.el7ost	<a href="#">RHEA-2016:2948</a>
python-testrepository	0.0.20-3.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-testresources	0.2.7-6.el7ost	<a href="#">RHEA-2016:2948</a>
python-testscenarios	0.4-6.el7ost	<a href="#">RHEA-2016:2948</a>
python-testtools	1.8.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-tooaz	1.43.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-traceback2	1.4.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-tripleoclient	5.4.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-trollius	2.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-troveclient	2.5.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-twisted	16.1.1-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-txaio	2.0.4-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-ujson	1.33-3.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
python-unicodcsv	0.14.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-unittest2	1.0.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-uri-templates	0.6-5.el7ost	<a href="#">RHEA-2016:2948</a>
python-urllib3	1.15.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-versiontools	1.9.1-8.el7ost	<a href="#">RHEA-2016:2948</a>
python-voluptuous	0.8.9-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-warlock	1.0.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-webob	1.6.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-websockify	0.8.0-1.el7	<a href="#">RHEA-2016:2948</a>
python-webtest	1.3.4-6.el7	<a href="#">RHEA-2016:2948</a>
python-wrapt	1.10.8-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-wsaccel	0.6.2-8.el7ost	<a href="#">RHEA-2016:2948</a>
python-wsgi_intercept	1.2.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-wsme	0.8.1- 0.20160802184400.42e1239.el7 ost	<a href="#">RHEA-2016:2948</a>
python-yaql	1.1.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-zake	0.2.2-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-zaqar-tests	3.0.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-zaqarclient	1.2.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-zope-interface	4.0.5-4.el7	<a href="#">RHEA-2016:2948</a>
python2-pyasn1-modules	0.1.9-7.el7	<a href="#">RHEA-2016:2948</a>
qemu-img-rhev	2.6.0-27.el7	<a href="#">RHEA-2016:2948</a>
qemu-kvm-common-rhev	2.6.0-27.el7	<a href="#">RHEA-2016:2948</a>
qemu-kvm-rhev	2.6.0-27.el7	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
qemu-kvm-tools-rhev	2.6.0-27.el7	<a href="#">RHEA-2016:2948</a>
rabbitmq-server	3.6.3-6.el7ost	<a href="#">RHEA-2016:2948</a>
redis	3.0.6-1.el7ost	<a href="#">RHEA-2016:2948</a>
rhosp-director-images	10.0-20161212.1.el7ost	<a href="#">RHEA-2016:2951</a>
rhosp-director-images-ipa	10.0-20161212.1.el7ost	<a href="#">RHEA-2016:2951</a>
rhosp-release	10.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
roboto-fontface-common	0.4.3.2-8.el7ost	<a href="#">RHEA-2016:2948</a>
roboto-fontface-fonts	0.4.3.2-8.el7ost	<a href="#">RHEA-2016:2948</a>
ruby-augeas	0.5.0-1.el7	<a href="#">RHEA-2016:2948</a>
ruby-shadow	1.4.1-22.el7	<a href="#">RHEA-2016:2948</a>
rubygem-rgen	0.6.6-2.1.el7	<a href="#">RHEA-2016:2948</a>
sahara-image-elements	5.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
sshpas	1.05-5.el7	<a href="#">RHEA-2016:2948</a>
subunit	1.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
subunit-filters	1.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
sysbench	0.4.12-12.el7ost	<a href="#">RHEA-2016:2948</a>
v8	3.14.5.10-18.el7ost	<a href="#">RHEA-2016:2948</a>
web-assets-filesystem	5-1.el7ost	<a href="#">RHEA-2016:2948</a>
web-assets-httpd	5-1.el7ost	<a href="#">RHEA-2016:2948</a>
xstatic-angular-fileupload-common	12.0.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
xstatic-angular-schema-form-common	0.8.13.0-0.1.pre_review.el7ost	<a href="#">RHEA-2016:2948</a>
xstatic-objectpath-common	1.2.1.0-0.1.pre_review.el7ost	<a href="#">RHEA-2016:2948</a>
xstatic-tv4-common	1.2.7.0-0.1.pre_review.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
yaml-cpp	0.5.1-7.el7ost	<a href="#">RHEA-2016:2948</a>

## 3.2. RED HAT OPENSTACK PLATFORM 10 OPERATIONAL TOOLS FOR RHEL 7

The following table outlines the packages included in the **rhel-7-server-openstack-10-optools-rpms** channel.

**Table 3.2. Red Hat OpenStack Platform 10 Operational Tools for RHEL 7 Packages**

Name	Version	Advisory
collectd	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-apache	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-ascent	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-bind	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-ceph	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-curl	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-curl_json	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-curl_xml	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-dbi	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-disk	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-dns	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-drbd	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-email	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-generic-jmx	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-ipmi	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-iptables	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-ipvs	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>

Name	Version	Advisory
collectd-java	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-log_logstash	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-lvm	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-mysql	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-netlink	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-nginx	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-notify_desktop	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-notify_email	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-openldap	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-ping	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-postgresql	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-rrdcached	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-rrdtool	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-sensors	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-smart	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-snmp	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-turbostat	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-utils	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-virt	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-web	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-write_http	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-write_riemann	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-write_sensu	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
collectd-write_tsdb	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>

Name	Version	Advisory
collectd-zookeeper	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
fluentd	0.12.29-1.el7	<a href="#">RHEA-2016:2950</a>
libcollectdclient	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
liboping	1.6.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
librabbitmq	0.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
librabbitmq-tools	0.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
osops-tools-monitoring-oschecks	0.1-0.8.9f8354bgit.el7ost	<a href="#">RHEA-2016:2950</a>
perl-Collectd	5.5.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
perl-Config-General	2.56-4.el7ost	<a href="#">RHEA-2016:2950</a>
perl-Regexp-Common	2013031301-7.el7ost	<a href="#">RHEA-2016:2950</a>
rrdtool-perl	1.4.8-9.el7	<a href="#">RHEA-2016:2950</a>
rubygem-amq-protocol	1.9.2-3.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-amqp	1.5.0-2.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-async_sinatra	1.2.0-1.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-bacon	1.1.0-19.el7sat	<a href="#">RHEA-2016:2950</a>
rubygem-childprocess	0.5.8-1.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-configuration	1.3.2-3.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-cool.io	1.4.5-1.el7	<a href="#">RHEA-2016:2950</a>
rubygem-daemons	1.1.9-3.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-diff-lcs	1.1.3-2.2.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-em-redis-unified	1.0.1-1.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-em-worker	0.0.2-2.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-eventmachine	1.2.0.1-1.el7	<a href="#">RHEA-2016:2950</a>
rubygem-faraday	0.9.2-1.el7	<a href="#">RHEA-2016:2950</a>

Name	Version	Advisory
rubygem-ffi	1.9.14-1.el7	<a href="#">RHEA-2016:2950</a>
rubygem-fluent-plugin-add	0.0.6-1.el7	<a href="#">RHEA-2016:2950</a>
rubygem-fluent-plugin-secure-forward	0.4.3-2.el7	<a href="#">RHEA-2016:2950</a>
rubygem-http_parser.rb	0.6.0-1.el7	<a href="#">RHEA-2016:2950</a>
rubygem-json_pure	1.6.3-9.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-msgpack	0.5.12-1.el7	<a href="#">RHEA-2016:2950</a>
rubygem-multipart-post	2.0.0-2.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-oj	2.14.6-3.el7	<a href="#">RHEA-2016:2950</a>
rubygem-patron	0.4.20-3.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-proxifier	1.0.3-2.el7	<a href="#">RHEA-2016:2950</a>
rubygem-rack	1.5.2-4.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-rack-protection	1.5.3-2.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-resolve-hostname	0.0.4-1.el7	<a href="#">RHEA-2016:2950</a>
rubygem-sensu-em	2.4.0-1.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-sensu-extension	1.5.0-1.el7	<a href="#">RHEA-2016:2950</a>
rubygem-sensu-extensions	1.5.0-3.el7	<a href="#">RHEA-2016:2950</a>
rubygem-sensu-json	1.1.1-3.el7	<a href="#">RHEA-2016:2950</a>
rubygem-sensu-logger	1.2.0-1.el7	<a href="#">RHEA-2016:2950</a>
rubygem-sensu-plugin	1.2.0-1.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-sensu-redis	1.3.0-2.el7	<a href="#">RHEA-2016:2950</a>
rubygem-sensu-settings	3.4.0-1.el7	<a href="#">RHEA-2016:2950</a>
rubygem-sensu-spawn	1.8.0-2.el7	<a href="#">RHEA-2016:2950</a>
rubygem-sensu-transport	5.0.0-1.el7	<a href="#">RHEA-2016:2950</a>
rubygem-sigdump	0.2.4-1.el7	<a href="#">RHEA-2016:2950</a>



Name	Version	Advisory
rubygem-sinatra	1.4.6-1.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-string-scrub	0.0.5-1.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-thin	1.6.3-1.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-thread_safe	0.3.5-1.el7	<a href="#">RHEA-2016:2950</a>
rubygem-tilt	1.4.1-3.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-tzinfo	1.2.2-3.el7	<a href="#">RHEA-2016:2950</a>
rubygem-tzinfo-data	1.2016.7-1.el7	<a href="#">RHEA-2016:2950</a>
rubygem-uuidtools	2.1.5-2.el7ost	<a href="#">RHEA-2016:2950</a>
rubygem-yajl-ruby	1.2.1-1.el7	<a href="#">RHEA-2016:2950</a>
sensu	0.23.2-3.el7ost	<a href="#">RHEA-2016:2950</a>

### 3.3. RED HAT OPENSTACK PLATFORM 10 DEVELOPER TOOLS FOR RHEL 7

The following table outlines the packages included in the **rhel-7-server-openstack-10-devtools-rpms** channel.

**Table 3.3. Red Hat OpenStack Platform 10 Developer Tools for RHEL 7 Packages**

Name	Version	Advisory
openstack-packstack	9.0.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-packstack-puppet	9.0.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
openstack-utils	2016.1-1.el7ost	<a href="#">RHEA-2016:2948</a>

### 3.4. RED HAT OPENSTACK PLATFORM 10 TOOLS FOR RHEL 7 SERVER

The following table outlines the packages included in the **rhel-7-server-openstack-10-tools-rpms** channel.

**Table 3.4. Red Hat OpenStack Platform 10 Tools for RHEL 7 Server Packages**

Name	Version	Advisory
babel	2.3.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
pyarsing	2.0.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-anyjson	0.3.3-7.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-aodhclient	0.7.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-appdirs	1.4.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-babel	2.3.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-barbicanclient	4.1.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-ceilometerclient	2.6.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-cinderclient	1.9.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-cliff	2.2.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-cliff-tablib	1.1-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-cmd2	0.6.8-8.el7ost	<a href="#">RHEA-2016:2948</a>
python-contextlib2	0.4.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-crypto	2.6.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-debtcollector	1.8.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-designateclient	2.3.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-dogpile-cache	0.6.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-dogpile-core	0.4.1-6.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-dracclient	1.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-extras	0.0.3-8.el7ost	<a href="#">RHEA-2016:2948</a>
python-fixtures	3.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-funcsigs	1.0.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-futures	3.0.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-futurist	0.18.0-1.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
python-glanceclient	2.5.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-gnocchiclient	2.6.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-heatclient	1.5.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-httplib2	0.9.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-ironicclient	1.7.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-iso8601	0.1.11-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-jsonpatch	1.2-2.el7	<a href="#">RHEA-2016:2948</a>
python-jsonschema	2.4.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-keyring	5.7.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-keystoneauth1	2.12.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-keystoneclient	3.5.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-keystoneclient-kerberos	0.1.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-linecache2	1.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-manilaclient	1.11.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-mimeparse	0.1.4-6.el7ost	<a href="#">RHEA-2016:2948</a>
python-mistralclient	2.1.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-monotonic	0.6-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-msgpack	0.4.6-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-netaddr	0.7.18-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-neutronclient	6.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-novaclient	6.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-openstackclient	3.2.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-openstacksdk	0.9.5-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-os-client-config	1.21.1-1.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
python-osc-lib	1.1.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-config	3.17.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-context	2.9.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-i18n	3.9.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-i18n-lang	3.9.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-log	3.16.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-log-lang	3.16.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-serialization	2.13.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-utils	3.16.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-utils-lang	3.16.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-osprofiler	1.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-pbr	1.10.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-positional	1.1.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-prettytable	0.7.2-1.el7	<a href="#">RHEA-2016:2948</a>
python-pysocks	1.5.6-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-repoze-lru	0.4-8.el7ost	<a href="#">RHEA-2016:2948</a>
python-requests	2.10.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-requests-kerberos	0.8.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-requestsexceptions	1.1.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-rfc3986	0.3.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-saharaclient	0.18.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-scciclient	0.3.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-simplejson	3.5.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-stevedore	1.17.1-1.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
python-swiftclient	3.1.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-tablib	0.10.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-testtools	1.8.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-traceback2	1.4.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-troveclient	2.5.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-unicodcsv	0.14.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-unittest2	1.0.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-urllib3	1.15.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-warlock	1.0.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-webob	1.6.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-wrapt	1.10.8-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-zaqarclient	1.2.0-2.el7ost	<a href="#">RHEA-2016:2948</a>

### 3.5. RED HAT OPENSTACK PLATFORM 10 TOOLS FOR RHEL 7 DESKTOP

The following table outlines the packages included in the **rhel-7-desktop-openstack-10-tools-rpms** channel.

**Table 3.5. Red Hat OpenStack Platform 10 Tools for RHEL 7 Desktop Packages**

Name	Version	Advisory
PyYAML	3.10-11.el7	<a href="#">RHEA-2016:2948</a>
babel	2.3.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
pyparsing	2.0.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-anyjson	0.3.3-7.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-aodhclient	0.7.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-appdirs	1.4.0-4.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
python-babel	2.3.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-barbicanclient	4.1.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-ceilometerclient	2.6.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-cinderclient	1.9.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-cliff	2.2.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-cliff-tablib	1.1-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-cmd2	0.6.8-8.el7ost	<a href="#">RHEA-2016:2948</a>
python-contextlib2	0.4.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-crypto	2.6.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-debtcollector	1.8.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-designateclient	2.3.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-dogpile-cache	0.6.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-dogpile-core	0.4.1-6.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-dracclient	1.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-extras	0.0.3-8.el7ost	<a href="#">RHEA-2016:2948</a>
python-fixtures	3.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-funcsigns	1.0.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-futures	3.0.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-futurist	0.18.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-glanceclient	2.5.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-gnocchiclient	2.6.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-heatclient	1.5.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-httplib2	0.9.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-ironicclient	1.7.0-1.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
python-iso8601	0.1.11-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-jsonpatch	1.2-2.el7	<a href="#">RHEA-2016:2948</a>
python-jsonschema	2.4.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-keyring	5.7.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-keystoneauth1	2.12.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-keystoneclient	3.5.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-keystoneclient-kerberos	0.1.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-linecache2	1.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-manilaclient	1.11.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-mimeparse	0.1.4-6.el7ost	<a href="#">RHEA-2016:2948</a>
python-mistralclient	2.1.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-monotonic	0.6-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-msgpack	0.4.6-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-netaddr	0.7.18-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-neutronclient	6.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-novaclient	6.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-openstackclient	3.2.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-openstacksdk	0.9.5-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-os-client-config	1.21.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-osc-lib	1.1.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-config	3.17.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-context	2.9.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-i18n	3.9.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-i18n-lang	3.9.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
python-oslo-log	3.16.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-log-lang	3.16.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-serialization	2.13.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-utils	3.16.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-utils-lang	3.16.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-osprofiler	1.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-pbr	1.10.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-positional	1.1.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-prettytable	0.7.2-1.el7	<a href="#">RHEA-2016:2948</a>
python-pysocks	1.5.6-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-repoze-lru	0.4-8.el7ost	<a href="#">RHEA-2016:2948</a>
python-requests	2.10.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-requests-kerberos	0.8.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-requestsexceptions	1.1.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-rfc3986	0.3.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-saharaclient	0.18.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-scciclient	0.3.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-simplejson	3.5.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-stevedore	1.17.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-swiftclient	3.1.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-tablib	0.10.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-testtools	1.8.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-traceback2	1.4.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-troveclient	2.5.0-1.el7ost	<a href="#">RHEA-2016:2948</a>



Name	Version	Advisory
python-unicodcsv	0.14.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-unittest2	1.0.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-urllib3	1.15.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-warlock	1.0.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-webob	1.6.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-wrapt	1.10.8-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-zaqarclient	1.2.0-2.el7ost	<a href="#">RHEA-2016:2948</a>

### 3.6. RED HAT OPENSTACK PLATFORM 10 TOOLS FOR RHEL 7 WORKSTATION

The following table outlines the packages included in the **rhel-7-workstation-openstack-10-tools-rpms** channel.

**Table 3.6. Red Hat OpenStack Platform 10 Tools for RHEL 7 Workstation Packages**

Name	Version	Advisory
babel	2.3.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
pyarsing	2.0.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-anyjson	0.3.3-7.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-aodhclient	0.7.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-appdirs	1.4.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-babel	2.3.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-barbicanclient	4.1.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-ceilometerclient	2.6.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-cinderclient	1.9.0-4.el7ost	<a href="#">RHEA-2016:2948</a>
python-cliff	2.2.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-cliff-tablib	1.1-3.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
python-cmd2	0.6.8-8.el7ost	<a href="#">RHEA-2016:2948</a>
python-contextlib2	0.4.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-crypto	2.6.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-debtcollector	1.8.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-designateclient	2.3.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-dogpile-cache	0.6.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-dogpile-core	0.4.1-6.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-dracclient	1.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-extras	0.0.3-8.el7ost	<a href="#">RHEA-2016:2948</a>
python-fixtures	3.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-funcsigs	1.0.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-futures	3.0.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-futurist	0.18.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-glanceclient	2.5.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-gnocchiclient	2.6.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-heatclient	1.5.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-httplib2	0.9.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-ironicclient	1.7.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-iso8601	0.1.11-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-jsonpatch	1.2-2.el7	<a href="#">RHEA-2016:2948</a>
python-jsonschema	2.4.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-keyring	5.7.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-keystoneauth1	2.12.2-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-keystoneclient	3.5.0-1.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
python-keystoneclient-kerberos	0.1.4-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-linecache2	1.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-manilaclient	1.11.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-mimeparse	0.1.4-6.el7ost	<a href="#">RHEA-2016:2948</a>
python-mistralclient	2.1.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-monotonic	0.6-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-msgpack	0.4.6-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-netaddr	0.7.18-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-neutronclient	6.0.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-novaclient	6.0.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-openstackclient	3.2.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-openstacksdk	0.9.5-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-os-client-config	1.21.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-osc-lib	1.1.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-config	3.17.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-context	2.9.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-i18n	3.9.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-i18n-lang	3.9.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-log	3.16.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-log-lang	3.16.0-1.1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-serialization	2.13.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-utils	3.16.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-oslo-utils-lang	3.16.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-osprofiler	1.4.0-1.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
python-pbr	1.10.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-positional	1.1.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-prettytable	0.7.2-1.el7	<a href="#">RHEA-2016:2948</a>
python-pysocks	1.5.6-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-repoze-lru	0.4-8.el7ost	<a href="#">RHEA-2016:2948</a>
python-requests	2.10.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-requests-kerberos	0.8.0-3.el7ost	<a href="#">RHEA-2016:2948</a>
python-requestsexceptions	1.1.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-rfc3986	0.3.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-saharaclient	0.18.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-scciclient	0.3.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-simplejson	3.5.3-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-stevedore	1.17.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-swiftclient	3.1.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-tablib	0.10.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-testtools	1.8.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-traceback2	1.4.0-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-troveclient	2.5.0-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-unicodcsv	0.14.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-unittest2	1.0.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-urllib3	1.15.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-warlock	1.0.1-1.el7ost	<a href="#">RHEA-2016:2948</a>
python-webob	1.6.1-2.el7ost	<a href="#">RHEA-2016:2948</a>
python-wrapt	1.10.8-2.el7ost	<a href="#">RHEA-2016:2948</a>

Name	Version	Advisory
python-zaqarclient	1.2.0-2.el7ost	<a href="#">RHEA-2016:2948</a>