



Red Hat OpenStack Platform 16.1

Package Manifest

Package Listing for Red Hat OpenStack Platform

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Package Listing for Red Hat OpenStack Platform

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Abstract

The Package Manifest provides a list of all 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 16.1 GA, along with the dates of each subsequent asynchronous release for core components:

Table 1.1. Red Hat OpenStack Platform 16.1 core component release schedule

Release	Date
16.1.0 (General Availability)	29 July, 2020
16.1.1 (General Availability)	27 August, 2020
16.1.2 (General Availability)	27 October, 2020
16.1.3 (General Availability)	15 December, 2020
16.1.4 (General Availability)	17 March, 2021

CHAPTER 2. RED HAT OPENSTACK PLATFORM 16.1

This section outlines the packages shipped in each repository released with the general availability of Red Hat OpenStack Platform 16.1.0.

2.1. PACKAGE LIST

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

Table 2.1. Package List

Package Name	License
ansible-config_template	ASL 2.0
ansible-pacemaker	ASL 2.0
ansible-role-atos-hsm	ASL 2.0
ansible-role-chrony	ASL 2.0
ansible-role-container-registry	ASL 2.0
ansible-role-network-runner	ASL 2.0
ansible-role-openstack-ml2	ASL 2.0
ansible-role-openstack-operations	ASL 2.0
ansible-role-redhat-subscription	ASL 2.0
ansible-role-thales-hsm	ASL 2.0
ansible-role-tripleo-modify-image	ASL 2.0
ansible-tripleo-ipa	ASL 2.0
ansible-tripleo-ipsec	GPLv3+
blosc	MIT
bootswatch-common	MIT
bootswatch-fonts	MIT
collectd	MIT and GPLv2

Package Name	License
collectd-amqp1	MIT and GPLv2
collectd-connectivity	MIT and GPLv2
collectd-dbi	MIT and GPLv2
collectd-dpdk_telemetry	MIT and GPLv2
collectd-hugepages	MIT and GPLv2
collectd-mcelog	MIT and GPLv2
collectd-ovs-events	MIT and GPLv2
collectd-ovs-stats	MIT and GPLv2
collectd-pcie-errors	MIT and GPLv2
collectd-ping	MIT and GPLv2
collectd-pmu	MIT and GPLv2
collectd-procevent	MIT and GPLv2
collectd-python	MIT and GPLv2
collectd-rdt	MIT and GPLv2
collectd-sensubility	ASL 2.0
collectd-snmp-agent	MIT and GPLv2
collectd-sysevent	MIT and GPLv2
collectd-turbostat	MIT and GPLv2
cpp-hocon	ASL 2.0
crudini	GPLv2
dibbler-client	GPLv2
dibbler-relay	GPLv2
dibbler-requestor	GPLv2

Package Name	License
dibbler-server	GPLv2
dib-utils	ASL 2.0
diskimage-builder	ASL 2.0
dumb-init	MIT
elixir	ASL 2.0
erlang-asn1	ASL 2.0
erlang-compiler	ASL 2.0
erlang-crypto	ASL 2.0
erlang-eldap	ASL 2.0
erlang-erts	ASL 2.0
erlang-hipe	ASL 2.0
erlang-inets	ASL 2.0
erlang-kernel	ASL 2.0
erlang-mnesia	ASL 2.0
erlang-os_mon	ASL 2.0
erlang-otp_mibs	ASL 2.0
erlang-parsetools	ASL 2.0
erlang-public_key	ASL 2.0
erlang-runtime_tools	ASL 2.0
erlang-sasl	ASL 2.0
erlang-sd_notify	MIT
erlang-snmp	ASL 2.0
erlang-ssl	ASL 2.0

Package Name	License
erlang-stdlib	ASL 2.0
erlang-syntax_tools	ASL 2.0
erlang-tools	ASL 2.0
erlang-xmerl	ASL 2.0
etcd	ASL 2.0
factor	ASL 2.0
fontawesome-fonts	OFL
fontawesome-fonts-web	OFL and MIT
gnocchi-api	ASL 2.0
gnocchi-common	ASL 2.0
gnocchi-metricd	ASL 2.0
gnocchi-statsd	ASL 2.0
golang-github-BurntSushi-toml-devel	BSD
golang-github-davecgh-go-spew-devel	ISC
golang-github-golang-sys-devel	BSD
golang-github-pmezard-go-diffliib-devel	BSD
golang-github-Sirupsen-logrus-devel	MIT
golang-github-stretchr-objx-devel	MIT
golang-github-stretchr-testify-devel	MIT
golang-github-urfave-cli-devel	MIT
golang-github-vbatts-tar-split	BSD
golang-golangorg-crypto-devel	BSD
golang-gopkg-check-devel	BSD

Package Name	License
golang-gopkg-yaml-devel	LGPLv3 with exceptions
golang-gopkg-yaml-devel-v2	LGPLv3 with exceptions
hdf5	BSD
heat-cfnutils	ASL 2.0
hier	ASL 2.0
intel-cmt-cat	BSD
jevents	GPLv2 and BSD
kuryr-binding-scripts	ASL 2.0
leatherman	ASL 2.0 and MIT
libdbi	LGPLv2+
liberasurecode	BSD and CRC32
liboping	GPLv2
libqhull	Qhull
libsodium	ISC
libwebsockets	LGPLv2 and Public Domain and BSD and MIT and zlib
mdi-common	OFL
mdi-fonts	OFL
ndisc6	GPLv2 or GPLv3
novnc	GPLv3

Package Name	License
octavia-amphora-image-x86_64	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
openstack-aodh-api	ASL 2.0
openstack-aodh-common	ASL 2.0
openstack-aodh-compatible	ASL 2.0
openstack-aodh-evaluator	ASL 2.0
openstack-aodh-expirer	ASL 2.0
openstack-aodh-listener	ASL 2.0
openstack-aodh-notifier	ASL 2.0
openstack-barbican	ASL 2.0
openstack-barbican-api	ASL 2.0
openstack-barbican-common	ASL 2.0
openstack-barbican-keystone-listener	ASL 2.0
openstack-barbican-worker	ASL 2.0
openstack-ceilometer-central	ASL 2.0
openstack-ceilometer-common	ASL 2.0
openstack-ceilometer-compute	ASL 2.0

Package Name	License
openstack-ceilometer-ipmi	ASL 2.0
openstack-ceilometer-notification	ASL 2.0
openstack-ceilometer-polling	ASL 2.0
openstack-cinder	ASL 2.0
openstack-dashboard	ASL 2.0 and BSD
openstack-dashboard-theme	ASL 2.0
openstack-designate-agent	ASL 2.0
openstack-designate-api	ASL 2.0
openstack-designate-central	ASL 2.0
openstack-designate-common	ASL 2.0
openstack-designate-mdns	ASL 2.0
openstack-designate-producer	ASL 2.0
openstack-designate-sink	ASL 2.0
openstack-designate-worker	ASL 2.0
openstack-ec2-api	ASL 2.0
openstack-glance	ASL 2.0
openstack-heat-agents	ASL 2.0
openstack-heat-api	ASL 2.0
openstack-heat-api-cfn	ASL 2.0
openstack-heat-common	ASL 2.0
openstack-heat-engine	ASL 2.0
openstack-heat-monolith	ASL 2.0
openstack-heat-ui	ASL 2.0

Package Name	License
openstack-ironic-api	ASL 2.0
openstack-ironic-common	ASL 2.0
openstack-ironic-conductor	ASL 2.0
openstack-ironic-inspector	ASL 2.0
openstack-ironic-inspector-dnsmasq	ASL 2.0
openstack-ironic-python-agent	ASL 2.0
openstack-ironic-python-agent-builder	ASL 2.0
openstack-ironic-staging-drivers	ASL 2.0
openstack-ironic-ui	ASL 2.0
openstack-keystone	ASL 2.0
openstack-manila	ASL 2.0
openstack-manila-share	ASL 2.0
openstack-manila-ui	ASL 2.0
openstack-mistral-all	ASL 2.0
openstack-mistral-api	ASL 2.0
openstack-mistral-common	ASL 2.0
openstack-mistral-engine	ASL 2.0
openstack-mistral-event-engine	ASL 2.0
openstack-mistral-executor	ASL 2.0
openstack-mistral-notifier	ASL 2.0
openstack-neutron	ASL 2.0
openstack-neutron-bgp-dragent	ASL 2.0
openstack-neutron-bigswitch-agent	ASL 2.0

Package Name	License
openstack-neutron-common	ASL 2.0
openstack-neutron-dynamic-routing-common	ASL 2.0
openstack-neutron-l2gw-agent	ASL 2.0
openstack-neutron-linuxbridge	ASL 2.0
openstack-neutron-macvtap-agent	ASL 2.0
openstack-neutron-metering-agent	ASL 2.0
openstack-neutron-ml2	ASL 2.0
openstack-neutron-openvswitch	ASL 2.0
openstack-neutron-rpc-server	ASL 2.0
openstack-neutron-sriov-nic-agent	ASL 2.0
openstack-nova	ASL 2.0
openstack-nova-api	ASL 2.0
openstack-nova-common	ASL 2.0
openstack-nova-compute	ASL 2.0
openstack-nova-conductor	ASL 2.0
openstack-nova-console	ASL 2.0
openstack-nova-migration	ASL 2.0
openstack-nova-novncproxy	ASL 2.0
openstack-nova-scheduler	ASL 2.0
openstack-nova-serialproxy	ASL 2.0
openstack-nova-spicehtml5proxy	ASL 2.0
openstack-octavia-amphora-agent	ASL 2.0
openstack-octavia-api	ASL 2.0

Package Name	License
openstack-octavia-common	ASL 2.0
openstack-octavia-diskimage-create	ASL 2.0
openstack-octavia-health-manager	ASL 2.0
openstack-octavia-housekeeping	ASL 2.0
openstack-octavia-ui	ASL 2.0
openstack-octavia-worker	ASL 2.0
openstack-panko-api	ASL 2.0
openstack-panko-common	ASL 2.0
openstack-placement-api	ASL 2.0
openstack-placement-common	ASL 2.0
openstack-selinux	GPLv2
openstack-swift-account	ASL 2.0
openstack-swift-container	ASL 2.0
openstack-swift-object	ASL 2.0
openstack-swift-proxy	ASL 2.0
openstack-tempest	ASL 2.0
openstack-tempest-all	ASL 2.0
openstack-tripleo-common	ASL 2.0
openstack-tripleo-common-container-base	ASL 2.0
openstack-tripleo-common-containers	ASL 2.0
openstack-tripleo-common-devtools	ASL 2.0
openstack-tripleo-heat-templates	ASL 2.0
openstack-tripleo-image-elements	ASL 2.0

Package Name	License
openstack-tripleo-puppet-elements	ASL 2.0
openstack-tripleo-validations	ASL 2.0
openstack-zaqar	ASL 2.0
os-apply-config	ASL 2.0
os-collect-config	ASL 2.0
os-net-config	ASL 2.0
os-refresh-config	ASL 2.0
paunch-services	ASL 2.0
plotnetcfg	GPLv2+
pmu-tools	GPLv2 and BSD
puppet	ASL 2.0
puppet-aodh	ASL 2.0
puppet-apache	ASL 2.0
puppet-archive	ASL 2.0
puppet-auditd	BSD
puppet-barbican	ASL 2.0
puppet-cassandra	ASL 2.0
puppet-ceilometer	ASL 2.0
puppet-ceph	ASL 2.0
puppet-certmonger	ASL 2.0
puppet-cinder	ASL 2.0
puppet-collectd	ASL 2.0
puppet-concat	ASL 2.0

Package Name	License
puppet-contrail	ASL 2.0
puppet-corosync	ASL 2.0
puppet-datacat	ASL 2.0
puppet-designate	ASL 2.0
puppet-dns	ASL 2.0
puppet-ec2api	ASL 2.0
puppet-elasticsearch	ASL 2.0
puppet-etcd	ASL 2.0
puppet-fdio	ASL 2.0
puppet-firewall	ASL 2.0
puppet-git	ASL 2.0
puppet-glance	ASL 2.0
puppet-gnocchi	ASL 2.0
puppet-haproxy	ASL 2.0
puppet-headless	ASL 2.0
puppet-heat	ASL 2.0
puppet-horizon	ASL 2.0
puppet-inifile	ASL 2.0
puppet-ipaclient	MIT
puppet-ironic	ASL 2.0
puppet-java	ASL 2.0
puppet-kafka	ASL 2.0
puppet-keepalived	ASL 2.0

Package Name	License
puppet-keystone	ASL 2.0
puppet-kibana3	ASL 2.0
puppet-kmod	ASL 2.0
puppet-manila	ASL 2.0
puppet-memcached	ASL 2.0
puppet-midonet	ASL 2.0
puppet-mistral	ASL 2.0
puppet-module-data	ASL 2.0
puppet-mysql	ASL 2.0
puppet-n1k-vsm	ASL 2.0
puppet-neutron	ASL 2.0
puppet-nova	ASL 2.0
puppet-nssdb	ASL 2.0
puppet-octavia	ASL 2.0
puppet-opendaylight	BSD-2-Clause
puppet-openstack_extras	ASL 2.0
puppet-openstacklib	ASL 2.0
puppet-oslo	ASL 2.0
puppet-ovn	ASL 2.0
puppet-pacemaker	ASL 2.0
puppet-panko	ASL 2.0
puppet-placement	ASL 2.0
puppet-qdr	ASL 2.0

Package Name	License
puppet-rabbitmq	ASL 2.0
puppet-redis	ASL 2.0
puppet-remote	ASL 2.0
puppet-rsync	ASL 2.0
puppet-rsyslog	ASL 2.0
puppet-sahara	ASL 2.0
puppet-server	ASL 2.0
puppet-snmp	ASL 2.0
puppet-ssh	ASL 2.0
puppet-staging	ASL 2.0
puppet-stdlib	ASL 2.0
puppet-swift	ASL 2.0
puppet-sysctl	GPL-2.0
puppet-systemd	ASL 2.0
puppet-timezone	ASL 2.0
puppet-tomcat	ASL 2.0
puppet-tripleo	ASL 2.0
puppet-trove	ASL 2.0
puppet-vcsrepo	GPLv2
puppet-veritas_hyperscale	ASL 2.0
puppet-vswitch	ASL 2.0
puppet-xinetd	ASL 2.0
puppet-zaqar	ASL 2.0

Package Name	License
puppet-zookeeper	ASL 2.0
python3-adal	MIT
python3-alembic	MIT
python3-amqp	BSD
python3-aniso8601	GPLv3+
python3-ansible-runner	ASL 2.0
python3-anyjson	BSD
python3-aodh	ASL 2.0
python3-aodhclient	ASL 2.0
python3-appdirs	MIT
python3-autobahn	MIT
python3-automaton	ASL 2.0
python3-barbican	ASL 2.0
python3-barbicanclient	ASL 2.0
python3-barbican-tests-tempest	ASL 2.0
python3-bcrypt	ASL 2.0 and Public Domain and BSD
python3-beautifulsoup4	MIT
python3-boto	MIT
python3-boto3	ASL 2.0
python3-botoCore	ASL 2.0
python3-Bottleneck	BSD
python3-cachetools	MIT
python3-castellan	ASL 2.0

Package Name	License
python3-ceilometer	ASL 2.0
python3-ceilometermiddleware	ASL 2.0
python3-certifi	MPLv2.0
python3-cinder	ASL 2.0
python3-cinderclient	ASL 2.0
python3-cinderlib	ASL 2.0
python3-cinderlib-tests-functional	ASL 2.0
python3-cinder-tests-tempest	ASL 2.0
python3-cliff	ASL 2.0
python3-cmd2	MIT
python3-collectd-gnocchi	ASL 2.0
python3-collectd-rabbitmq-monitoring	ASL 2.0
python3-colorama	BSD
python3-construct	MIT
python3-contextlib2	Python
python3-cotyledon	ASL 2.0
python3-cradox	LGPLv2
python3-croniter	MIT
python3-crypto	Public Domain and Python
python3-cursive	ASL 2.0
python3-cycler	BSD
python3-Cython	Python
python3-daemon	ASL 2.0

Package Name	License
python3-daiquiri	ASL 2.0
python3-dateutil	BSD
python3-ddt	MIT
python3-debtcollector	ASL 2.0
python3-defusedxml	Python
python3-designate	ASL 2.0
python3-designateclient	ASL 2.0
python3-designate-tests-tempest	ASL 2.0
python3-dictdiffer	MIT
python3-django20	BSD
python3-django-appconf	BSD
python3-django-compressor	MIT
python3-django-debreach	BSD
python3-django-horizon	ASL 2.0 and BSD
python3-django-pyscss	BSD
python3-dogpile-cache	BSD
python3-dracclient	ASL 2.0
python3-ec2-api	ASL 2.0
python3-editor	ASL 2.0
python3-etcd3gw	ASL 2.0
python3-eventlet	MIT
python3-extras	MIT
python3-falcon	ASL 2.0

Package Name	License
python3-fasteners	ASL 2.0
python3-fixtures	ASL 2.0 or BSD
python3-flake8	MIT
python3-flask	BSD
python3-flask-restful	BSD
python3-funcsigs	ASL 2.0
python3-future	MIT
python3-futurist	ASL 2.0
python3-gabbi	ASL 2.0
python3-gitdb	BSD
python3-GitPython	BSD
python3-glance	ASL 2.0
python3-glanceclient	ASL 2.0
python3-glance-store	ASL 2.0
python3-gnocchi	ASL 2.0
python3-gnocchiclient	ASL 2.0
python3-google-auth	ASL 2.0
python3-greenlet	MIT
python3-gunicorn	MIT
python3-hardware	ASL 2.0
python3-hardware-detect	ASL 2.0
python3-heat-agent	ASL 2.0
python3-heat-agent-ansible	ASL 2.0

Package Name	License
python3-heat-agent-apply-config	ASL 2.0
python3-heat-agent-docker-cmd	ASL 2.0
python3-heat-agent-hiera	ASL 2.0
python3-heat-agent-json-file	ASL 2.0
python3-heat-agent-puppet	ASL 2.0
python3-heatclient	ASL 2.0
python3-heat-tests-tempest	ASL 2.0
python3-horizon-tests-tempest	ASL 2.0
python3-lmcSdk	ASL 2.0
python3-ironicclient	ASL 2.0
python3-ironic-inspector-client	ASL 2.0
python3-ironic-lib	ASL 2.0
python3-ironic-neutron-agent	ASL 2.0
python3-ironic-prometheus-exporter	ASL 2.0
python3-ironic-python-agent	ASL 2.0
python3-ironic-tests-tempest	ASL 2.0
python3-iso8601	MIT
python3-json-logger	BSD
python3-jsonpath-rw	ASL 2.0
python3-jsonpath-rw-ext	ASL 2.0
python3-junitxml	LGPLv3
python3-kazoo	ASL 2.0
python3-kerberos	ASL 2.0

Package Name	License
python3-keyring	MIT and Python
python3-keystone	ASL 2.0
python3-keystoneauth1	ASL 2.0
python3-keystoneclient	ASL 2.0
python3-keystonemiddleware	ASL 2.0
python3-keystone-tests-tempest	ASL 2.0
python3-kiwisolver	BSD
python3-kombu	BSD and Python
python3-kubernetes	ASL 2.0
python3-kuryr-tests-tempest	ASL 2.0
python3-ldap3	LGPLv2+
python3-ldappool	MPLv1.1 and GPLv2+ and LGPLv2+
python3-lesscpy	MIT
python3-linecache2	Python
python3-lockfile	MIT
python3-logutils	BSD
python3-lz4	BSD
python3-magnumclient	ASL 2.0
python3-manila	ASL 2.0
python3-manilaclient	ASL 2.0
python3-manila-tests-tempest	ASL 2.0
python3-markupsafe	BSD
python3-matplotlib	Python and MIT

Package Name	License
python3-matplotlib-data	Python and MIT
python3-matplotlib-data-fonts	OFL and Bitstream Vera and Public Domain
python3-mccabe	MIT
python3-memcached	Python
python3-metalsmith	ASL 2.0
python3-microversion-parse	ASL 2.0
python3-migrate	MIT
python3-mimeparse	MIT
python3-mistral	ASL 2.0
python3-mistralclient	ASL 2.0
python3-mistral-lib	ASL 2.0
python3-mistral-tests-tempest	ASL 2.0
python3-mock	BSD
python3-monotonic	ASL 2.0
python3-more-itertools	MIT
python3-mox3	ASL 2.0
python3-msgpack	ASL 2.0
python3-munch	MIT
python3-netifaces	MIT
python3-networking-ansible	ASL 2.0
python3-networking-baremetal	ASL 2.0
python3-networking-bgpvpn	ASL 2.0
python3-networking-bgpvpn-dashboard	ASL 2.0

Package Name	License
python3-networking-bgpvpn-heat	ASL 2.0
python3-networking-bigswitch	ASL 2.0
python3-networking-fujitsu	ASL 2.0
python3-networking-l2gw	ASL 2.0
python3-networking-l2gw-tests-tempest	ASL 2.0
python3-networking-ovn	ASL 2.0
python3-networking-ovn-metadata-agent	ASL 2.0
python3-networking-ovn-migration-tool	ASL 2.0
python3-networking-sfc	ASL 2.0
python3-networking-vmware-nsx	ASL 2.0
python3-network-runner	ASL 2.0
python3-neutron	ASL 2.0
python3-neutronclient	ASL 2.0
python3-neutron-dynamic-routing	ASL 2.0
python3-neutron-lib	ASL 2.0
python3-neutron-lib-tests	ASL 2.0
python3-neutron-tests-tempest	ASL 2.0
python3-nova	ASL 2.0
python3-novaclient	ASL 2.0
python3-novajoin	ASL 2.0
python3-novajoin-tests-tempest	ASL 2.0
python3-numexpr	MIT
python3-numpy	BSD

Package Name	License
python3-numpy-f2py	BSD and Python
python3-octavia	ASL 2.0
python3-octaviaclient	ASL 2.0
python3-octavia-lib	ASL 2.0
python3-octavia-tests-tempest	ASL 2.0
python3-octavia-tests-tempest-golang	ASL 2.0
python3-openshift	MIT
python3-openstackclient	ASL 2.0
python3-openstacksdk	ASL 2.0
python3-os-brick	ASL 2.0
python3-osc-lib	ASL 2.0
python3-os-client-config	ASL 2.0
python3-osc-placement	ASL 2.0
python3-os-ken	ASL 2.0
python3-oslo-cache	ASL 2.0
python3-oslo-concurrency	ASL 2.0
python3-oslo-config	ASL 2.0
python3-oslo-context	ASL 2.0
python3-oslo-db	ASL 2.0
python3-oslo-i18n	ASL 2.0
python3-oslo-log	ASL 2.0
python3-oslo-messaging	ASL 2.0
python3-oslo-middleware	ASL 2.0

Package Name	License
python3-oslo-policy	ASL 2.0
python3-oslo-privsep	ASL 2.0
python3-oslo-reports	ASL 2.0
python3-oslo-rootwrap	ASL 2.0
python3-oslo-serialization	ASL 2.0
python3-oslo-service	ASL 2.0
python3-oslotest	ASL 2.0
python3-oslo-upgradecheck	ASL 2.0
python3-oslo-utils	ASL 2.0
python3-oslo-versionedobjects	ASL 2.0
python3-oslo-vmware	ASL 2.0
python3-osprofiler	ASL 2.0
python3-os-resource-classes	ASL 2.0
python3-os-service-types	ASL 2.0
python3-os-testr	ASL 2.0
python3-os-traits	ASL 2.0
python3-os-vif	ASL 2.0
python3-os-win	ASL 2.0
python3-os-xenapi	ASL 2.0
python3-ovirt-engine-sdk4	ASL 2.0
python3-ovsdbapp	ASL 2.0
python3-pandas	BSD
python3-panko	ASL 2.0

Package Name	License
python3-pankoclient	ASL 2.0
python3-paramiko	LGPLv2+
python3-passlib	BSD and Beerware and Copyright only
python3-paste	MIT and ZPLv2.0 and Python and (AFL or MIT) and (MIT or ASL 2.0)
python3-paste-deploy	MIT
python3-patrole-tests-tempest	ASL 2.0
python3-paunch	ASL 2.0
python3-pbr	ASL 2.0
python3-pecan	BSD
python3-pexpect	MIT
python3-pint	BSD
python3-placement	ASL 2.0
python3-pluggy	MIT
python3-posix_ipc	BSD
python3-proliantutils	ASL 2.0
python3-prometheus_client	ASL 2.0
python3-protobuf	BSD
python3-psutil	BSD
python3-pycadf	ASL 2.0
python3-pycodestyle	MIT
python3-pyeclib	BSD
python3-pyflakes	MIT

Package Name	License
python3-pyghmi	ASL 2.0
python3-pynacl	ASL 2.0
python3-pyngus	ASL 2.0
python3-pyparsing	MIT
python3-pyrabbit2	MIT
python3-pyroute2	GPLv2+
python3-pysaml2	ASL 2.0
python3-pysendfile	MIT
python3-pysnmp	BSD
python3-pystache	MIT
python3-pytest	MIT
python3-pytimeparse	MIT
python3-pyxattr	LGPLv2+
python3-qp-id-proton	ASL 2.0
python3-rcssmin	ASL 2.0
python3-redis	MIT
python3-repoze-lru	BSD
python3-requestsexceptions	ASL 2.0
python3-requests-kerberos	MIT
python3-retrying	ASL 2.0
python3-rfc3986	ASL 2.0
python3-rhosp-openvswitch	Public domain
python3-rjsmin	ASL 2.0

Package Name	License
python3-routes	BSD
python3-rsa	ASL 2.0
python3-rsdclient	ASL 2.0
python3-rsd-lib	ASL 2.0
python3-ruamel-yaml	MIT
python3-s3transfer	ASL 2.0
python3-saharaclient	ASL 2.0
python3-scciclient	ASL 2.0
python3-scrypt	BSD
python3-scss	MIT
python3-SecretStorage	BSD
python3-setproctitle	BSD
python3-shade	ASL 2.0
python3-simplegeneric	Python or ZPLv2.1
python3-simplejson	(MIT or AFL) and (MIT or GPLv2)
python3-six	MIT
python3-smmap	BSD
python3-snappy	BSD
python3-sqlalchemy-collectd	MIT
python3-sqlalchemy-utils	BSD
python3-sqlparse	BSD
python3-statsd	MIT
python3-stestr	ASL 2.0

Package Name	License
python3-stevedore	ASL 2.0
python3-string_utils	MIT
python3-subunit	ASL 2.0 or BSD
python3-sushy	ASL 2.0
python3-sushy-oem-idrac	ASL 2.0
python3-swift	ASL 2.0
python3-swiftclient	ASL 2.0
python3-sysv_ipc	GPLv3+
python3-tables	BSD
python3-tap-as-a-service	ASL 2.0
python3-taskflow	ASL 2.0
python3-telemetry-tests-tempest	ASL 2.0
python3-tempest	ASL 2.0
python3-tempestconf	ASL 2.0
python3-tempest-tests	ASL 2.0
python3-tempita	MIT
python3-tenacity	ASL 2.0
python3-testrepository	ASL 2.0
python3-testscenarios	ASL 2.0 and BSD
python3-testtools	MIT
python3-tinyrpc	MIT
python3-tooz	ASL 2.0
python3-traceback2	Python

Package Name	License
python3-tripleoclient	ASL 2.0
python3-tripleoclient-heat-installer	ASL 2.0
python3-tripleo-common	ASL 2.0
python3-tripleo-common-tests-tempest	ASL 2.0
python3-trollius	ASL 2.0
python3-troveclient	ASL 2.0
python3-twisted	MIT
python3-txaio	MIT
python3-ujson	BSD
python3-unittest2	BSD
python3-urllib-gssapi	ASL 2.0
python3-validations-lib	ASL 2.0
python3-versiontools	GPLv3
python3-vine	BSD
python3-vmware-nsxlib	ASL 2.0
python3-voluptuous	BSD
python3-waitress	ZPLv2.1
python3-warlock	ASL 2.0
python3-webob	MIT
python3-websocket-client	BSD
python3-websockify	GPLv3
python3-webtest	MIT
python3-werkzeug	BSD

Package Name	License
python3-wrapt	BSD
python3-wsaccel	ASL 2.0
python3-wsgi_intercept	MIT
python3-wsme	MIT
python3-XStatic	MIT
python3-XStatic-Angular	MIT
python3-XStatic-Angular-Bootstrap	MIT
python3-XStatic-Angular-FileUpload	MIT
python3-XStatic-Angular-Gettext	MIT
python3-XStatic-Angular-Irdragndrop	MIT
python3-XStatic-Angular-Schema-Form	MIT
python3-XStatic-Angular-UUID	MIT
python3-XStatic-Angular-Vis	MIT
python3-XStatic-Bootstrap-Datepicker	ASL 2.0
python3-XStatic-Bootstrap-SCSS	MIT
python3-XStatic-bootstrap	MIT
python3-XStatic-D3	BSD
python3-XStatic-FileSaver	MIT
python3-XStatic-Font-Awesome	OFL and MIT
python3-XStatic-Hogan	ASL 2.0
python3-XStatic-Jasmine	MIT
python3-XStatic-jQuery224	MIT
python3-XStatic-JQuery-Migrate	MIT

Package Name	License
python3-XStatic-JQuery-quicksearch	MIT
python3-XStatic-JQuery-TableSorter	MIT
python3-XStatic-jquery-ui	CCO
python3-XStatic-JSEncrypt	MIT
python3-XStatic-Json2yaml	MIT
python3-XStatic-JS-Yaml	MIT
python3-XStatic-Magic-Search	ASL 2.0
python3-XStatic-mdi	OFL
python3-XStatic-objectpath	MIT
python3-XStatic-Rickshaw	MIT
python3-XStatic-roboto-fontface	ASL 2.0
python3-XStatic-smart-table	MIT
python3-XStatic-Spin	MIT
python3-XStatic-termjs	MIT
python3-XStatic-tv4	Public Domain
python3-yappi	MIT
python3-yaql	ASL 2.0
python3-zake	ASL 2.0
python3-zaqarclient	ASL 2.0
python3-zaqar-tests-tempest	ASL 2.0
python3-zeroconf	GPLv2
python3-zope-event	ZPLv2.1
python3-zope-interface	ZPLv2.1

Package Name	License
python-django20-bash-completion	BSD
python-openstackclient-lang	ASL 2.0
python-oslo-cache-lang	ASL 2.0
python-oslo-concurrency-lang	ASL 2.0
python-oslo-db-lang	ASL 2.0
python-oslo-i18n-lang	ASL 2.0
python-oslo-log-lang	ASL 2.0
python-oslo-middleware-lang	ASL 2.0
python-oslo-policy-lang	ASL 2.0
python-oslo-privsep-lang	ASL 2.0
python-oslo-utils-lang	ASL 2.0
python-oslo-versionedobjects-lang	ASL 2.0
python-oslo-vmware-lang	ASL 2.0
python-pycadf-common	ASL 2.0
qpid-dispatch-router	ASL 2.0
qpid-dispatch-tools	ASL 2.0
qpid-proton-c	ASL 2.0
rabbitmq-server	MPLv1.1

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

Package Name	License
rhosp-director-images-ipa-ppc64le	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
rhosp-director-images-ipa-x86_64	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
rhosp-director-images-minimal	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

Package Name	License
rhosp-director-images-ppc64le	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
rhosp-director-images-x86_64	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
rhosp-openvswitch	Public domain
rhosp-ovn	Public domain
rhosp-ovn-host	Public domain
rhosp-ovn-vtep	Public domain
rhosp-release	GPLv2
roboto-fontface-common	ASL 2.0
roboto-fontface-fonts	ASL 2.0
ruby-augeas	LGPLv2+

Package Name	License
ruby-facter	ASL 2.0
rubygem-pathspect	ASL 2.0
rubygem-rgen	MIT
ruby-shadow	Public Domain
subunit-filters	ASL 2.0 or BSD
sysbench	GPLv2+
tripleo-ansible	ASL 2.0
validations-common	ASL 2.0
web-assets-filesystem	Public Domain
web-assets-httpd	MIT
xstatic-angular-bootstrap-common	MIT
XStatic-Angular-common	MIT
xstatic-angular-fileupload-common	MIT
xstatic-angular-gettext-common	MIT
xstatic-angular-lrdragndrop-common	MIT
xstatic-angular-schema-form-common	MIT
xstatic-angular-uuid-common	MIT
xstatic-angular-vis-common	MIT
xstatic-bootstrap-datepicker-common	ASL 2.0
xstatic-bootstrap-scss-common	MIT
xstatic-d3-common	BSD
xstatic-filesaver-common	MIT
xstatic-hogan-common	ASL 2.0

Package Name	License
xstatic-jasmine-common	MIT
xstatic-jquery-migrate-common	MIT
xstatic-jquery-quicksearch-common	MIT
xstatic-jquery-tablesorter-common	MIT
xstatic-jquery-ui-common	CCO
xstatic-jsencrypt-common	MIT
xstatic-json2yaml-common	MIT
xstatic-js-yaml-common	MIT
XStatic-Magic-Search-common	ASL 2.0
xstatic-objectpath-common	MIT
xstatic-rickshaw-common	MIT
xstatic-smart-table-common	MIT
xstatic-spin-common	MIT
xstatic-termjs-common	MIT
xstatic-tv4-common	Public Domain
yaml-cpp	MIT

2.2. RED HAT OPENSTACK PLATFORM 16 TOOLS FOR RHEL 8 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-16-tools-for-rhel-8-x86_64-rpms** repository.

Table 2.2. Red Hat OpenStack Platform 16 Tools for RHEL 8 x86_64 (RPMS) Packages

Name	Version	Advisory
python-openstackclient-lang	4.0.0-0.20200310193636.aa64eb6.el8ost	RHBA-2020:3148

Name	Version	Advisory
python-oslo-log-lang	3.44.3-0.20200611110222.e19c407.el8ost	RHBA-2020:3148
python-oslo-utils-lang	3.41.5-0.20200311110302.85cd57d.el8ost	RHBA-2020:3148
python3-aodhclient	1.3.0-0.20200310191649.a8651ec.el8ost	RHBA-2020:3148
python3-barbicanclient	4.9.0-0.20200310163800.9c0e02d.el8ost	RHBA-2020:3148
python3-debtcollector	1.22.0-0.20200310210206.0be4911.el8ost	RHBA-2020:3148
python3-designateclient	3.0.0-0.20200310184009.093d8d7.el8ost	RHBA-2020:3148
python3-glanceclient	2.17.0-0.20200422213417.40c19aa.el8ost	RHBA-2020:3148
python3-gnocchiclient	7.0.4-0.20200310205157.64814b9.el8ost	RHBA-2020:3148
python3-heatclient	1.18.0-0.20200310192511.eca1637.el8ost	RHBA-2020:3148
python3-ironicclient	3.1.2-0.20200522053422.1220d76.el8ost	RHBA-2020:3148
python3-keystoneauth1	3.17.2-0.20200311105451.1d5f572.el8ost	RHBA-2020:3148
python3-manilaclient	1.29.0-0.20200310223441.1b2cafb.el8ost	RHBA-2020:3148
python3-mistralclient	3.10.0-0.20200310211536.dc246bf.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-neutronclient	6.14.0-0.20200310192910.115f60f.el8ost	RHBA-2020:3148
python3-novaclient	15.1.0-0.20200310162625.cd396b8.el8ost	RHBA-2020:3148
python3-openstackclient	4.0.0-0.20200310193636.aa64eb6.el8ost	RHBA-2020:3148
python3-openstacksdk	0.36.3-0.20200424135113.c07350e.el8ost	RHBA-2020:3148
python3-os-client-config	1.33.0-0.20200310171613.d0eea17.el8ost	RHBA-2020:3148
python3-osc-lib	1.14.1-0.20200310175859.a0d9746.el8ost	RHBA-2020:3148
python3-osc-placement	1.7.0-0.20200310215449.8bbca01.el8ost	RHBA-2020:3148
python3-oslo-context	2.23.1-0.20200611105515.ab17aef.el8ost	RHBA-2020:3148
python3-oslo-log	3.44.3-0.20200611110222.e19c407.el8ost	RHBA-2020:3148
python3-oslo-utils	3.41.5-0.20200311110302.85cd57d.el8ost	RHBA-2020:3148
python3-osprofiler	2.8.2-0.20200310173712.d431c7a.el8ost	RHBA-2020:3148
python3-saharacient	2.3.0-0.20200310205557.3107b45.el8ost	RHBA-2020:3148
python3-zaqarclient	1.12.0-0.20200310200831.9038bf6.el8ost	RHBA-2020:3148

2.3. RED HAT OPENSTACK PLATFORM 16.1 CINDERLIB FOR RHEL 8 FOR POWER, LITTLE ENDIAN (RPMS)

The following table outlines the packages included in the **openstack-16.1-cinderlib-for-rhel-8-ppc64le-rpms** repository.

Table 2.3. Red Hat OpenStack Platform 16.1 Cinderlib for RHEL 8 for Power, little endian (RPMs) Packages

Name	Version	Advisory
libsodium	1.0.16-4.5.el8ost	RHBA-2020:3148
openstack-cinder	15.2.1-0.20200611113514.062104e.el8ost	RHBA-2020:3148
python-oslo-cache-lang	1.37.0-0.20200225103049.f67262f.el8ost	RHBA-2020:3148
python-oslo-concurrency-lang	3.30.0-0.20200225090342.610df38.el8ost	RHBA-2020:3148
python-oslo-db-lang	5.0.2-0.20200225090546.fb40cdb.el8ost	RHBA-2020:3148
python-oslo-i18n-lang	3.24.0-0.20200221144708.91b39bb.el8ost	RHBA-2020:3148
python-oslo-log-lang	3.44.3-0.20200611110222.e19c407.el8ost	RHBA-2020:3148
python-oslo-middleware-lang	3.38.1-0.20200225095528.9bae80e.el8ost	RHBA-2020:3148
python-oslo-policy-lang	2.3.3-0.20200310162846.b7b9930.el8ost	RHBA-2020:3148
python-oslo-privsep-lang	1.33.3-0.20200310175027.ddde706.el8ost	RHBA-2020:3148
python-oslo-utils-lang	3.41.5-0.20200311110302.85cd57d.el8ost	RHBA-2020:3148

Name	Version	Advisory
python-oslo-versionedobjects-lang	1.36.1-0.20200310170354.14ee7e0.el8ost	RHBA-2020:3148
python-oslo-vmware-lang	2.34.1-0.20200310171543.c592465.el8ost	RHBA-2020:3148
python-pycadf-common	2.10.0-0.20200225093612.d113c15.el8ost	RHBA-2020:3148
python3-SecretStorage	2.3.1-7.el8ost	RHBA-2020:3148
python3-alembic	1.0.7-1.el8ost	RHBA-2020:3148
python3-amqp	2.4.1-1.el8ost	RHBA-2020:3148
python3-automaton	1.17.0-0.20200310173540.5e82feb.el8ost	RHBA-2020:3148
python3-barbicanclient	4.9.0-0.20200310163800.9c0e02d.el8ost	RHBA-2020:3148
python3-bcrypt	3.1.6-2.el8ost	RHBA-2020:3148
python3-beautifulsoup4	4.6.0-1.el8ost	RHBA-2020:3148
python3-cachetools	3.1.0-1.el8ost	RHBA-2020:3148
python3-castellan	1.3.2-0.20200511063420.193b4a2.el8ost	RHBA-2020:3148
python3-cinder	15.2.1-0.20200611113514.062104e.el8ost	RHBA-2020:3148
python3-cinderclient	5.0.1-0.20200326130221.8fa0882.el8ost	RHBA-2020:3148
python3-cinderlib	1.0.1-0.20200311113242.199ebd4.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-cinderlib-tests-functional	1.0.1-0.20200311113242.199ebd4.el8ost	RHBA-2020:3148
python3-cliff	2.16.0-0.20200225112317.6b6b186.el8ost	RHBA-2020:3148
python3-cmd2	0.6.8-10.el8ost	RHBA-2020:3148
python3-contextlib2	0.5.5-8.el8ost	RHBA-2020:3148
python3-cursive	0.2.2-0.20200310191346.d7cea1f.el8ost	RHBA-2020:3148
python3-dateutil	2.8.0-1.el8ost	RHBA-2020:3148
python3-ddt	1.2.0-2.el8ost	RHBA-2020:3148
python3-debtcollector	1.22.0-0.20200310210206.0be4911.el8ost	RHBA-2020:3148
python3-defusedxml	0.5.0-2.el8ost	RHBA-2020:3148
python3-dogpile-cache	0.6.8-1.el8ost	RHBA-2020:3148
python3-editor	0.4-5.el8ost	RHBA-2020:3148
python3-etcd3gw	0.2.5-1.el8ost	RHBA-2020:3148
python3-eventlet	0.25.1-1.1.el8ost	RHBA-2020:3148
python3-extras	1.0.0-5.el8ost	RHBA-2020:3148
python3-fasteners	0.14.1-15.el8ost	RHBA-2020:3148
python3-fixtures	3.0.0-8.el8ost	RHBA-2020:3148
python3-funcsigs	1.0.2-3.el8ost	RHBA-2020:3148
python3-future	0.16.0-6.el8ost	RHBA-2020:3148
python3-futurist	1.9.0-0.20200225102600.25ffb8f.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-gflags	2.0-13.el8	RHBA-2020:3148
python3-glanceclient	2.17.0-0.20200422213417.40c19aa.el8ost	RHBA-2020:3148
python3-google-api-client	1.6.5-3.el8	RHBA-2020:3148
python3-greenlet	0.4.14-5.el8ost	RHBA-2020:3148
python3-httplib2	0.10.3-4.el8	RHBA-2020:3148
python3-iso8601	0.1.11-9.el8ost	RHBA-2020:3148
python3-kazoo	2.2.1-2.el8ost	RHBA-2020:3148
python3-keyring	17.1.1-1.el8ost	RHBA-2020:3148
python3-keystoneauth1	3.17.2-0.20200311105451.1d5f572.el8ost	RHBA-2020:3148
python3-keystoneclient	3.21.0-0.20200225105518.79f150f.el8ost	RHBA-2020:3148
python3-keystonemiddleware	7.0.1-0.20200225105651.0a65b14.el8ost	RHBA-2020:3148
python3-kombu	4.2.2-1.el8ost	RHBA-2020:3148
python3-linecache2	1.0.0-3.el8ost	RHBA-2020:3148
python3-markupsafe	1.1.0-2.el8ost	RHBA-2020:3148
python3-memcached	1.58-8.el8ost	RHBA-2020:3148
python3-migrate	0.12.0-2.el8ost	RHBA-2020:3148
python3-mimeparse	1.6.0-5.el8ost	RHBA-2020:3148
python3-mock	3.0.5-1.el8ost	RHBA-2020:3148
python3-monotonic	1.5-2.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-mox3	0.28.0-0.20200221143653.0a1e5b9.el8ost	RHBA-2020:3148
python3-msgpack	0.6.1-3.el8ost	RHBA-2020:3148
python3-netifaces	0.10.9-2.el8ost	RHBA-2020:3148
python3-novaclient	15.1.0-0.20200310162625.cd396b8.el8ost	RHBA-2020:3148
python3-numpy	1.15.1-2.2.el8ost	RHBA-2020:3148
python3-numpy-f2py	1.15.1-2.2.el8ost	RHBA-2020:3148
python3-oauth2client	4.1.2-6.el8	RHBA-2020:3148
python3-os-brick	2.10.3-0.20200605063441.55fc998.el8ost	RHBA-2020:3148
python3-os-service-types	1.7.0-0.20200225085439.0b2f473.el8ost	RHBA-2020:3148
python3-os-testr	1.1.0-0.20200225113630.414bbf6.el8ost	RHBA-2020:3148
python3-os-win	4.3.2-0.20200310172801.c5450ed.el8ost	RHBA-2020:3148
python3-oslo-cache	1.37.0-0.20200225103049.f67262f.el8ost	RHBA-2020:3148
python3-oslo-concurrency	3.30.0-0.20200225090342.610df38.el8ost	RHBA-2020:3148
python3-oslo-config	6.11.2-0.20200221150642.22c286c.el8ost	RHBA-2020:3148
python3-oslo-context	2.23.1-0.20200611105515.ab17aef.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-oslo-db	5.0.2-0.20200225090546.fb40cdb.el8ost	RHBA-2020:3148
python3-oslo-i18n	3.24.0-0.20200221144708.91b39bb.el8ost	RHBA-2020:3148
python3-oslo-log	3.44.3-0.20200611110222.e19c407.el8ost	RHBA-2020:3148
python3-oslo-messaging	10.2.0-0.20200225104634.b7e9faf.el8ost	RHBA-2020:3148
python3-oslo-middleware	3.38.1-0.20200225095528.9bae80e.el8ost	RHBA-2020:3148
python3-oslo-policy	2.3.3-0.20200310162846.b7b9930.el8ost	RHBA-2020:3148
python3-oslo-privsep	1.33.3-0.20200310175027.ddde706.el8ost	RHBA-2020:3148
python3-oslo-reports	1.30.0-0.20200225093814.cf35fec.el8ost	RHBA-2020:3148
python3-oslo-rootwrap	5.16.1-0.20200603173434.c6babc7.el8ost	RHBA-2020:3148
python3-oslo-serialization	2.29.2-0.20200225092603.fa399b6.el8ost	RHBA-2020:3148
python3-oslo-service	1.40.2-0.20200225103516.a7621c8.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-oslo-upgradecheck	0.3.2-0.20200424133424.e1df576.el8ost	RHBA-2020:3148
python3-oslo-utils	3.41.5-0.20200311110302.85cd57d.el8ost	RHBA-2020:3148
python3-oslo-versionedobjects	1.36.1-0.20200310170354.14ee7e0.el8ost	RHBA-2020:3148
python3-oslo-vmware	2.34.1-0.20200310171543.c592465.el8ost	RHBA-2020:3148
python3-oslotest	3.8.1-0.20200221144603.7ad16de.el8ost	RHBA-2020:3148
python3-osprofiler	2.8.2-0.20200310173712.d431c7a.el8ost	RHBA-2020:3148
python3-paramiko	2.4.2-2.el8ost	RHBA-2020:3148
python3-paste	2.0.3-6.el8ost	RHBA-2020:3148
python3-paste-deploy	1.5.2-13.el8ost	RHBA-2020:3148
python3-pbr	5.1.2-2.el8ost	RHBA-2020:3148
python3-psutil	5.6.3-1.el8ost	RHBA-2020:3148
python3-pycadf	2.10.0-0.20200225093612.d113c15.el8ost	RHBA-2020:3148
python3-pynacl	1.3.0-1.el8ost	RHBA-2020:3148
python3-pyparsing	2.3.1-1.el8ost	RHBA-2020:3148
python3-redis	3.1.0-1.el8ost	RHBA-2020:3148
python3-repoze-lru	0.4-9.el8ost	RHBA-2020:3148
python3-retrying	1.2.3-5.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-rc3986	1.2.0-2.el8ost	RHBA-2020:3148
python3-routes	2.4.1-2.el8ost	RHBA-2020:3148
python3-simplejson	3.16.0-3.el8ost	RHBA-2020:3148
python3-six	1.12.0-1.el8ost	RHBA-2020:3148
python3-sqlparse	0.2.2-6.1.el8ost	RHBA-2020:3148
python3-statsd	3.2.1-6.el8ost	RHBA-2020:3148
python3-stestr	2.3.1-5.el8ost	RHBA-2020:3148
python3-stevedore	1.31.0-0.20200221143553.6817543.el8ost	RHBA-2020:3148
python3-subunit	1.4.0-1.el8ost	RHBA-2020:3148
python3-swiftclient	3.8.1-0.20200225110806.72b90fe.el8ost	RHBA-2020:3148
python3-taskflow	3.7.1-0.20200310182056.f0eae2c.el8ost	RHBA-2020:3148
python3-tempita	0.5.1-20.el8ost	RHBA-2020:3148
python3-tenacity	5.1.1-3.el8ost	RHBA-2020:3148
python3-testtools	2.3.0-8.el8ost	RHBA-2020:3148
python3-tooz	1.66.3-0.20200602080725.13a6dff.el8ost	RHBA-2020:3148
python3-traceback2	1.4.0-3.el8ost	RHBA-2020:3148
python3-unittest2	1.1.0-17.el8ost	RHBA-2020:3148
python3-uritemplate	3.0.0-3.el8	RHBA-2020:3148
python3-vine	1.2.0-2.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-voluptuous	0.10.5-5.el8ost	RHBA-2020:3148
python3-warlock	1.3.0-9.el8ost	RHBA-2020:3148
python3-webob	1.8.5-1.el8ost	RHBA-2020:3148
python3-wrapt	1.11.1-2.el8ost	RHBA-2020:3148
python3-yappi	1.0-2.el8ost	RHBA-2020:3148
python3-zake	0.2.2-14.el8ost	RHBA-2020:3148

2.4. RED HAT OPENSTACK PLATFORM 16.1 CINDERLIB FOR RHEL 8 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-16.1-cinderlib-for-rhel-8-x86_64-rpms** repository.

Table 2.4. Red Hat OpenStack Platform 16.1 Cinderlib for RHEL 8 x86_64 (RPMs) Packages

Name	Version	Advisory
libsodium	1.0.16-4.5.el8ost	RHBA-2020:3148
openstack-cinder	15.2.1-0.20200611113514.062104e.el8ost	RHBA-2020:3148
python-oslo-cache-lang	1.37.0-0.20200225103049.f67262f.el8ost	RHBA-2020:3148
python-oslo-concurrency-lang	3.30.0-0.20200225090342.610df38.el8ost	RHBA-2020:3148
python-oslo-db-lang	5.0.2-0.20200225090546.fb40cdb.el8ost	RHBA-2020:3148
python-oslo-i18n-lang	3.24.0-0.20200221144708.91b39bb.el8ost	RHBA-2020:3148
python-oslo-log-lang	3.44.3-0.20200611110222.e19c407.el8ost	RHBA-2020:3148

Name	Version	Advisory
python-oslo-middleware-lang	3.38.1-0.20200225095528.9bae80e.el8ost	RHBA-2020:3148
python-oslo-policy-lang	2.3.3-0.20200310162846.b7b9930.el8ost	RHBA-2020:3148
python-oslo-privsep-lang	1.33.3-0.20200310175027.ddde706.el8ost	RHBA-2020:3148
python-oslo-utils-lang	3.41.5-0.20200311110302.85cd57d.el8ost	RHBA-2020:3148
python-oslo-versionedobjects-lang	1.36.1-0.20200310170354.14ee7e0.el8ost	RHBA-2020:3148
python-oslo-vmware-lang	2.34.1-0.20200310171543.c592465.el8ost	RHBA-2020:3148
python-pycadf-common	2.10.0-0.20200225093612.d113c15.el8ost	RHBA-2020:3148
python3-SecretStorage	2.3.1-7.el8ost	RHBA-2020:3148
python3-alembic	1.0.7-1.el8ost	RHBA-2020:3148
python3-amqp	2.4.1-1.el8ost	RHBA-2020:3148
python3-automaton	1.17.0-0.20200310173540.5e82feb.el8ost	RHBA-2020:3148
python3-barbicanclient	4.9.0-0.20200310163800.9c0e02d.el8ost	RHBA-2020:3148
python3-bcrypt	3.1.6-2.el8ost	RHBA-2020:3148
python3-beautifulsoup4	4.6.0-1.el8ost	RHBA-2020:3148
python3-cachetools	3.1.0-1.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-castellan	1.3.2-0.20200511063420.193b4a2.el8ost	RHBA-2020:3148
python3-cinder	15.2.1-0.20200611113514.062104e.el8ost	RHBA-2020:3148
python3-cinderclient	5.0.1-0.20200326130221.8fa0882.el8ost	RHBA-2020:3148
python3-cinderlib	1.0.1-0.20200311113242.199ebd4.el8ost	RHBA-2020:3148
python3-cinderlib-tests-functional	1.0.1-0.20200311113242.199ebd4.el8ost	RHBA-2020:3148
python3-cliff	2.16.0-0.20200225112317.6b6b186.el8ost	RHBA-2020:3148
python3-cmd2	0.6.8-10.el8ost	RHBA-2020:3148
python3-contextlib2	0.5.5-8.el8ost	RHBA-2020:3148
python3-cursive	0.2.2-0.20200310191346.d7cea1f.el8ost	RHBA-2020:3148
python3-dateutil	2.8.0-1.el8ost	RHBA-2020:3148
python3-ddt	1.2.0-2.el8ost	RHBA-2020:3148
python3-debtcollector	1.22.0-0.20200310210206.0be4911.el8ost	RHBA-2020:3148
python3-defusedxml	0.5.0-2.el8ost	RHBA-2020:3148
python3-dogpile-cache	0.6.8-1.el8ost	RHBA-2020:3148
python3-editor	0.4-5.el8ost	RHBA-2020:3148
python3-etcd3gw	0.2.5-1.el8ost	RHBA-2020:3148
python3-eventlet	0.25.1-1.1.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-extras	1.0.0-5.el8ost	RHBA-2020:3148
python3-fasteners	0.14.1-15.el8ost	RHBA-2020:3148
python3-fixtures	3.0.0-8.el8ost	RHBA-2020:3148
python3-funcsigs	1.0.2-3.el8ost	RHBA-2020:3148
python3-future	0.16.0-6.el8ost	RHBA-2020:3148
python3-futurist	1.9.0- 0.20200225102600.25ffb8f.el8o st	RHBA-2020:3148
python3-gflags	2.0-13.el8	RHBA-2020:3148
python3-glanceclient	2.17.0- 0.20200422213417.40c19aa.el8os t	RHBA-2020:3148
python3-google-api-client	1.6.5-3.el8	RHBA-2020:3148
python3-greenlet	0.4.14-5.el8ost	RHBA-2020:3148
python3-httplib2	0.10.3-4.el8	RHBA-2020:3148
python3-iso8601	0.1.11-9.el8ost	RHBA-2020:3148
python3-kazoo	2.2.1-2.el8ost	RHBA-2020:3148
python3-keyring	17.1.1-1.el8ost	RHBA-2020:3148
python3-keystoneauth1	3.17.2- 0.20200311105451.1d5f572.el8ost	RHBA-2020:3148
python3-keystoneclient	3.21.0- 0.20200225105518.79f150f.el8os t	RHBA-2020:3148
python3-keystonemiddleware	7.0.1- 0.20200225105651.0a65b14.el8o st	RHBA-2020:3148
python3-kombu	4.2.2-1.el8ost	RHBA-2020:3148
python3-linecache2	1.0.0-3.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-markupsafe	1.1.0-2.el8ost	RHBA-2020:3148
python3-memcached	1.58-8.el8ost	RHBA-2020:3148
python3-migrate	0.12.0-2.el8ost	RHBA-2020:3148
python3-mimeparse	1.6.0-5.el8ost	RHBA-2020:3148
python3-mock	3.0.5-1.el8ost	RHBA-2020:3148
python3-monotonic	1.5-2.el8ost	RHBA-2020:3148
python3-mox3	0.28.0- 0.20200221143653.0a1e5b9.el8o st	RHBA-2020:3148
python3-msgpack	0.6.1-3.el8ost	RHBA-2020:3148
python3-netifaces	0.10.9-2.el8ost	RHBA-2020:3148
python3-novaclient	15.1.0- 0.20200310162625.cd396b8.el8o st	RHBA-2020:3148
python3-numpy	1.15.1-2.2.el8ost	RHBA-2020:3148
python3-numpy-f2py	1.15.1-2.2.el8ost	RHBA-2020:3148
python3-oauth2client	4.1.2-6.el8	RHBA-2020:3148
python3-os-brick	2.10.3- 0.20200605063441.55fc998.el8 ost	RHBA-2020:3148
python3-os-service-types	1.7.0- 0.20200225085439.0b2f473.el8 ost	RHBA-2020:3148
python3-os-testr	1.1.0- 0.20200225113630.414bbf6.el8os t	RHBA-2020:3148
python3-os-win	4.3.2- 0.20200310172801.c5450ed.el8o st	RHBA-2020:3148

Name	Version	Advisory
python3-oslo-cache	1.37.0-0.20200225103049.f67262f.el8ost	RHBA-2020:3148
python3-oslo-concurrency	3.30.0-0.20200225090342.610df38.el8ost	RHBA-2020:3148
python3-oslo-config	6.11.2-0.20200221150642.22c286c.el8ost	RHBA-2020:3148
python3-oslo-context	2.23.1-0.20200611105515.ab17aef.el8ost	RHBA-2020:3148
python3-oslo-db	5.0.2-0.20200225090546.fb40cdb.el8ost	RHBA-2020:3148
python3-oslo-i18n	3.24.0-0.20200221144708.91b39bb.el8ost	RHBA-2020:3148
python3-oslo-log	3.44.3-0.20200611110222.e19c407.el8ost	RHBA-2020:3148
python3-oslo-messaging	10.2.0-0.20200225104634.b7e9faf.el8ost	RHBA-2020:3148
python3-oslo-middleware	3.38.1-0.20200225095528.9bae80e.el8ost	RHBA-2020:3148
python3-oslo-policy	2.3.3-0.20200310162846.b7b9930.el8ost	RHBA-2020:3148
python3-oslo-privsep	1.33.3-0.20200310175027.ddde706.el8ost	RHBA-2020:3148
python3-oslo-reports	1.30.0-0.20200225093814.cf35fec.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-oslo-rootwrap	5.16.1-0.20200603173434.c6babc7.el8ost	RHBA-2020:3148
python3-oslo-serialization	2.29.2-0.20200225092603.fa399b6.el8ost	RHBA-2020:3148
python3-oslo-service	1.40.2-0.20200225103516.a7621c8.el8ost	RHBA-2020:3148
python3-oslo-upgradecheck	0.3.2-0.20200424133424.e1df576.el8ost	RHBA-2020:3148
python3-oslo-utils	3.41.5-0.20200311110302.85cd57d.el8ost	RHBA-2020:3148
python3-oslo-versionedobjects	1.36.1-0.20200310170354.14ee7e0.el8ost	RHBA-2020:3148
python3-oslo-vmware	2.34.1-0.20200310171543.c592465.el8ost	RHBA-2020:3148
python3-oslotest	3.8.1-0.20200221144603.7ad16de.el8ost	RHBA-2020:3148
python3-osprofiler	2.8.2-0.20200310173712.d431c7a.el8ost	RHBA-2020:3148
python3-paramiko	2.4.2-2.el8ost	RHBA-2020:3148
python3-paste	2.0.3-6.el8ost	RHBA-2020:3148
python3-paste-deploy	1.5.2-13.el8ost	RHBA-2020:3148
python3-pbr	5.1.2-2.el8ost	RHBA-2020:3148
python3-psutil	5.6.3-1.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-pycadf	2.10.0-0.20200225093612.d113c15.el8ost	RHBA-2020:3148
python3-pynacl	1.3.0-1.el8ost	RHBA-2020:3148
python3-pyparsing	2.3.1-1.el8ost	RHBA-2020:3148
python3-redis	3.1.0-1.el8ost	RHBA-2020:3148
python3-repoze-lru	0.4-9.el8ost	RHBA-2020:3148
python3-retrying	1.2.3-5.el8ost	RHBA-2020:3148
python3-rfc3986	1.2.0-2.el8ost	RHBA-2020:3148
python3-routes	2.4.1-2.el8ost	RHBA-2020:3148
python3-simplejson	3.16.0-3.el8ost	RHBA-2020:3148
python3-six	1.12.0-1.el8ost	RHBA-2020:3148
python3-sqlparse	0.2.2-6.1.el8ost	RHBA-2020:3148
python3-statsd	3.2.1-6.el8ost	RHBA-2020:3148
python3-stestr	2.3.1-5.el8ost	RHBA-2020:3148
python3-stevedore	1.31.0-0.20200221143553.6817543.el8ost	RHBA-2020:3148
python3-subunit	1.4.0-1.el8ost	RHBA-2020:3148
python3-swiftclient	3.8.1-0.20200225110806.72b90fe.el8ost	RHBA-2020:3148
python3-taskflow	3.7.1-0.20200310182056.f0eae2c.el8ost	RHBA-2020:3148
python3-tempita	0.5.1-20.el8ost	RHBA-2020:3148
python3-tenacity	5.1.1-3.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-testtools	2.3.0-8.el8ost	RHBA-2020:3148
python3-tooz	1.66.3-0.20200602080725.13a6dff.el8ost	RHBA-2020:3148
python3-traceback2	1.4.0-3.el8ost	RHBA-2020:3148
python3-unittest2	1.1.0-17.el8ost	RHBA-2020:3148
python3-uritemplate	3.0.0-3.el8	RHBA-2020:3148
python3-vine	1.2.0-2.el8ost	RHBA-2020:3148
python3-voluptuous	0.10.5-5.el8ost	RHBA-2020:3148
python3-warlock	1.3.0-9.el8ost	RHBA-2020:3148
python3-webob	1.8.5-1.el8ost	RHBA-2020:3148
python3-wrapt	1.11.1-2.el8ost	RHBA-2020:3148
python3-yappi	1.0-2.el8ost	RHBA-2020:3148
python3-zake	0.2.2-14.el8ost	RHBA-2020:3148

2.5. RED HAT OPENSTACK PLATFORM 16.1 DIRECTOR DEPLOYMENT TOOLS FOR RHEL 8 FOR POWER, LITTLE ENDIAN (RPMS)

The following table outlines the packages included in the **openstack-16.1-deployment-tools-for-rhel-8-ppc64le-rpms** repository.

Table 2.5. Red Hat OpenStack Platform 16.1 Director Deployment Tools for RHEL 8 for Power, little endian (RPMs) Packages

Name	Version	Advisory
ansible-pacemaker	1.0.4-0.20200324105818.5847167.el8ost	RHBA-2020:3148
cpp-hocon	0.1.8-2.el8ost	RHBA-2020:3148
crudini	0.9-6.el8ost	RHBA-2020:3148

Name	Version	Advisory
dib-utils	0.0.11-0.20200310232248.51661c3.el8ost	RHBA-2020:3148
facter	3.9.3-9.el8ost	RHBA-2020:3148
heat-cfntools	1.4.2-6.el8ost	RHBA-2020:3148
hiera	3.3.1-5.el8ost	RHBA-2020:3148
leatherman	1.4.5-4.el8ost	RHBA-2020:3148
openstack-heat-agents	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
openstack-selinux	0.8.20-0.20200428133425.3300746.el8ost	RHBA-2020:3148
os-apply-config	10.5.1-0.20200311030933.3c6e3cd.el8ost	RHBA-2020:3148
os-collect-config	10.5.2-0.20200520063441.5b8355d.el8ost	RHBA-2020:3148
os-net-config	11.3.2-0.20200521033427.b34a730.el8ost	RHBA-2020:3148
os-refresh-config	10.4.1-0.20200311085048.b5e8cc4.el8ost	RHBA-2020:3148
paunch-services	5.3.3-0.20200527083422.16ae5e4.el8ost	RHBA-2020:3148
plotnetcfg	0.4.1-12.el8ost	RHBA-2020:3148
puppet	5.5.10-5.el8ost	RHBA-2020:3148
puppet-aodh	15.4.1-0.20200403153434.ee25acb.el8ost	RHBA-2020:3148

Name	Version	Advisory
puppet-apache	5.1.0-0.20200302055403.1fa9b1c.el8ost	RHBA-2020:3148
puppet-archive	4.2.1-0.20200311024142.0538163.el8ost	RHBA-2020:3148
puppet-auditd	2.2.1-0.20200311052158.189b22b.el8ost	RHBA-2020:3148
puppet-barbican	15.4.1-0.20200530093425.aa6afa0.el8ost	RHBA-2020:3148
puppet-cassandra	2.7.4-0.20200311053517.9954256.el8ost	RHBA-2020:3148
puppet-ceilometer	15.4.1-0.20200528143430.1f4f0c6.el8ost	RHBA-2020:3148
puppet-ceph	3.1.2-0.20200603075505.3b8ab1f.el8ost	RHBA-2020:3148
puppet-certmonger	2.4.0-0.20200311041659.a198870.el8ost	RHBA-2020:3148
puppet-cinder	15.4.1-0.20200513163422.d5721f9.el8ost	RHBA-2020:3148
puppet-collectd	12.0.0-0.20200604153617.4686e16.el8ost	RHBA-2020:3148
puppet-concat	6.1.0-0.20200311044815.9baa8fc.el8ost	RHBA-2020:3148
puppet-contrail	1.0.1-0.20200311044522.6f87929.el8ost	RHBA-2020:3148

Name	Version	Advisory
puppet-corosync	6.0.2-0.20200311030237.961add3.el8ost	RHBA-2020:3148
puppet-datacat	0.6.3-0.20200311035854.5cce8f2.el8ost	RHBA-2020:3148
puppet-designate	15.5.1-0.20200403143428.516c3c2.el8ost	RHBA-2020:3148
puppet-dns	6.2.1-0.20200311054955.2ae1cd7.el8ost	RHBA-2020:3148
puppet-ec2api	15.4.1-0.20200311083000.e38e26c.el8ost	RHBA-2020:3148
puppet-elasticsearch	6.4.0-0.20200311063502.725afd6.el8ost	RHBA-2020:3148
puppet-etcd	1.12.3-0.20200311034030.123d2af.el8ost	RHBA-2020:3148
puppet-fdio	18.2-0.20200311031201.6fd1c8e.el8ost	RHBA-2020:3148
puppet-firewall	2.1.0-0.20200311043540.4f4437a.el8ost	RHBA-2020:3148
puppet-git	0.5.0-0.20200311034154.4e4498e.el8ost	RHBA-2020:3148
puppet-glance	15.4.1-0.20200417213411.43f3d5e.el8ost	RHBA-2020:3148
puppet-gnocchi	15.4.1-0.20200311095133.b462302.el8ost	RHBA-2020:3148
puppet-haproxy	4.1.0-0.20200311060011.df96ffc.el8ost	RHBA-2020:3148

Name	Version	Advisory
puppet-headless	5.5.10-5.el8ost	RHBA-2020:3148
puppet-heat	15.4.1-0.20200403164329.3e42a11.el8ost	RHBA-2020:3148
puppet-horizon	15.4.1-0.20200604003425.dd78e01.el8ost	RHBA-2020:3148
puppet-inifile	3.1.0-0.20200311030014.91efced.el8ost	RHBA-2020:3148
puppet-ipaclient	2.5.2-0.20200311025102.b086731.el8ost	RHBA-2020:3148
puppet-ironic	15.4.1-0.20200527213445.ee3cb9f.el8ost	RHBA-2020:3148
puppet-java	5.0.1-0.20200311043855.e57cbc8.el8ost	RHBA-2020:3148
puppet-kafka	5.3.1-0.20200311060931.88aa866.el8ost	RHBA-2020:3148
puppet-keepalived	0.0.2-0.20200311052543.bbca37a.el8ost	RHBA-2020:3148
puppet-keystone	15.4.1-0.20200608233418.60532ba.el8ost	RHBA-2020:3148
puppet-kibana3	0.0.5-0.20200311063002.6ca9631.el8ost	RHBA-2020:3148
puppet-kmod	2.3.1-0.20200311042626.41e2a2b.el8ost	RHBA-2020:3148

Name	Version	Advisory
puppet-manila	15.4.1-0.20200403160104.e41b1b6.el8ost	RHBA-2020:3148
puppet-memcached	3.4.0-0.20200311053118.66d3a66.el8ost	RHBA-2020:3148
puppet-midonet	1.0.0-0.20200311064028.a8cecd1.el8ost	RHBA-2020:3148
puppet-mistral	15.4.1-0.20200311082723.c733b8a.el8ost	RHBA-2020:3148
puppet-module-data	0.5.1-0.20200311024412.28dafce.el8ost	RHBA-2020:3148
puppet-mysql	10.4.0-0.20200327184556.95f9b98.el8ost	RHBA-2020:3148
puppet-n1k-vsm	0.0.2-0.20200311062547.92401b8.el8ost	RHBA-2020:3148
puppet-neutron	15.5.1-0.20200514103419.0a45ec7.el8ost	RHBA-2020:3148
puppet-nova	15.5.1-0.20200608173427.c15e37c.el8ost	RHBA-2020:3148
puppet-nssdb	1.0.2-0.20200311034941.2ed2a2d.el8ost	RHBA-2020:3148
puppet-octavia	15.4.1-0.20200414073424.8bae62d.el8ost	RHBA-2020:3148
puppet-opendaylight	8.4.3-0.20200311060632.bbe7ce5.el8ost	RHBA-2020:3148

Name	Version	Advisory
puppet-openstack_extras	15.4.1-0.20200528113453.371931c.el8ost	RHBA-2020:3148
puppet-openstacklib	15.4.1-0.20200403203429.5fdf43c.el8ost	RHBA-2020:3148
puppet-oslo	15.4.1-0.20200528153547.185dec2.el8ost	RHBA-2020:3148
puppet-ovn	15.4.1-0.20200311045730.192ac4e.el8ost	RHBA-2020:3148
puppet-pacemaker	1.0.1-0.20200605143431.5ab1505.el8ost	RHBA-2020:3148
puppet-panko	15.4.1-0.20191014140134.49b7b3e.el8ost	RHBA-2020:3148
puppet-placement	2.4.1-0.20200608163451.8fef1a3.el8ost	RHBA-2020:3148
puppet-qdr	4.4.1-0.20200311045457.d141271.el8ost	RHBA-2020:3148
puppet-rabbitmq	10.0.0-0.20200311173112.9e74ded.el8ost	RHBA-2020:3148
puppet-redis	4.2.2-0.20200311042935.be8d097.el8ost	RHBA-2020:3148
puppet-remote	10.0.0-0.20200311035114.7420908.el8ost	RHBA-2020:3148
puppet-rsync	1.1.1-0.20200311051620.a7d4f84.el8ost	RHBA-2020:3148
puppet-rsyslog	3.3.1-0.20200311112301.0c2b6c8.el8ost	RHBA-2020:3148

Name	Version	Advisory
puppet-sahara	15.4.1-0.20200403143426.4918a93.el8ost	RHBA-2020:3148
puppet-snmp	3.9.1-0.20200311040720.5d73485.el8ost	RHBA-2020:3148
puppet-ssh	6.0.0-0.20200311054137.65570a3.el8ost	RHBA-2020:3148
puppet-staging	1.0.5-0.20200311022543.b466d93.el8ost	RHBA-2020:3148
puppet-stdlib	6.1.0-0.20200311023455.5aa891c.el8ost	RHBA-2020:3148
puppet-swift	15.4.1-0.20200524163422.cc79e4a.el8ost	RHBA-2020:3148
puppet-sysctl	0.0.13-0.20200311023226.a3d160d.el8ost	RHBA-2020:3148
puppet-systemd	2.6.0-0.20200311032116.f0ce6f0.el8ost	RHBA-2020:3148
puppet-timezone	5.1.1-0.20200311031951.21b4a58.el8ost	RHBA-2020:3148
puppet-tomcat	3.1.0-0.20200311055618.a3f92d1.el8ost	RHBA-2020:3148
puppet-tripleo	11.5.0-0.20200616033427.8ff1c6a.el8ost	RHBA-2020:3148
puppet-trove	15.4.1-0.20200403145839.bddf0f9.el8ost	RHBA-2020:3148

Name	Version	Advisory
puppet-vcsrepo	3.0.0-0.20200311033136.b06d5d3.el8ost	RHBA-2020:3148
puppet-veritas_hyperscale	1.0.0-0.20200311100738.7c7868a.el8ost	RHBA-2020:3148
puppet-vswitch	11.4.1-0.20200311050414.4fc423f.el8ost	RHBA-2020:3148
puppet-xinetd	3.3.0-0.20200311025328.d768da2.el8ost	RHBA-2020:3148
puppet-zaqar	15.4.1-0.20200311073944.88b97ec.el8ost	RHBA-2020:3148
puppet-zookeeper	0.9.0-0.20200311062048.5877cbf.el8ost	RHBA-2020:3148
python-oslo-concurrency-lang	3.30.0-0.20200225090342.610df38.el8ost	RHBA-2020:3148
python-oslo-i18n-lang	3.24.0-0.20200221144708.91b39bb.el8ost	RHBA-2020:3148
python-oslo-log-lang	3.44.3-0.20200611110222.e19c407.el8ost	RHBA-2020:3148
python-oslo-utils-lang	3.41.5-0.20200311110302.85cd57d.el8ost	RHBA-2020:3148
python3-SecretStorage	2.3.1-7.el8ost	RHBA-2020:3148
python3-anyjson	0.3.3-8.1.el8ost	RHBA-2020:3148
python3-appdirs	1.4.0-7.el8ost	RHBA-2020:3148
python3-beautifulsoup4	4.6.0-1.el8ost	RHBA-2020:3148
python3-boto	2.45.0-7.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-cliff	2.16.0-0.20200225112317.6b6b186.el8ost	RHBA-2020:3148
python3-cmd2	0.6.8-10.el8ost	RHBA-2020:3148
python3-dateutil	2.8.0-1.el8ost	RHBA-2020:3148
python3-debtcollector	1.22.0-0.20200310210206.0be4911.el8ost	RHBA-2020:3148
python3-dogpile-cache	0.6.8-1.el8ost	RHBA-2020:3148
python3-eventlet	0.25.1-1.1.el8ost	RHBA-2020:3148
python3-fasteners	0.14.1-15.el8ost	RHBA-2020:3148
python3-funcsigs	1.0.2-3.el8ost	RHBA-2020:3148
python3-greenlet	0.4.14-5.el8ost	RHBA-2020:3148
python3-heat-agent	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-ansible	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-apply-config	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-docker-cmd	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-hiera	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-json-file	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-heat-agent-puppet	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heatclient	1.18.0-0.20200310192511.eca1637.el8ost	RHBA-2020:3148
python3-iso8601	0.1.11-9.el8ost	RHBA-2020:3148
python3-keyring	17.1.1-1.el8ost	RHBA-2020:3148
python3-keystoneauth1	3.17.2-0.20200311105451.1d5f572.el8ost	RHBA-2020:3148
python3-keystoneclient	3.21.0-0.20200225105518.79f150f.el8ost	RHBA-2020:3148
python3-markupsafe	1.1.0-2.el8ost	RHBA-2020:3148
python3-monotonic	1.5-2.el8ost	RHBA-2020:3148
python3-msgpack	0.6.1-3.el8ost	RHBA-2020:3148
python3-munch	2.2.0-3.el8ost	RHBA-2020:3148
python3-netifaces	0.10.9-2.el8ost	RHBA-2020:3148
python3-numpy	1.15.1-2.2.el8ost	RHBA-2020:3148
python3-numpy-f2py	1.15.1-2.2.el8ost	RHBA-2020:3148
python3-openstacksdk	0.36.3-0.20200424135113.c07350e.el8ost	RHBA-2020:3148
python3-os-client-config	1.33.0-0.20200310171613.d0eea17.el8ost	RHBA-2020:3148
python3-os-service-types	1.7.0-0.20200225085439.0b2f473.el8ost	RHBA-2020:3148
python3-osc-lib	1.14.1-0.20200310175859.a0d9746.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-oslo-concurrency	3.30.0-0.20200225090342.610df38.el8ost	RHBA-2020:3148
python3-oslo-config	6.11.2-0.20200221150642.22c286c.el8ost	RHBA-2020:3148
python3-oslo-context	2.23.1-0.20200611105515.ab17aef.el8ost	RHBA-2020:3148
python3-oslo-i18n	3.24.0-0.20200221144708.91b39bb.el8ost	RHBA-2020:3148
python3-oslo-log	3.44.3-0.20200611110222.e19c407.el8ost	RHBA-2020:3148
python3-oslo-serialization	2.29.2-0.20200225092603.fa399b6.el8ost	RHBA-2020:3148
python3-oslo-utils	3.41.5-0.20200311110302.85cd57d.el8ost	RHBA-2020:3148
python3-paunch	5.3.3-0.20200527083422.16ae5e4.el8ost	RHBA-2020:3148
python3-pbr	5.1.2-2.el8ost	RHBA-2020:3148
python3-protobuf	3.6.1-4.el8ost	RHBA-2020:3148
python3-psutil	5.6.3-1.el8ost	RHBA-2020:3148
python3-pyparsing	2.3.1-1.el8ost	RHBA-2020:3148
python3-pystache	0.5.3-3.el8ost	RHBA-2020:3148
python3-requestsexceptions	1.4.0-0.20200225113445.d7ac0ff.el8ost	RHBA-2020:3148
python3-rfc3986	1.2.0-2.el8ost	RHBA-2020:3148
python3-rsa	3.4.2-9.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-simplejson	3.16.0-3.el8ost	RHBA-2020:3148
python3-six	1.12.0-1.el8ost	RHBA-2020:3148
python3-stevedore	1.31.0-0.20200221143553.6817543.el8ost	RHBA-2020:3148
python3-swiftclient	3.8.1-0.20200225110806.72b90fe.el8ost	RHBA-2020:3148
python3-tenacity	5.1.1-3.el8ost	RHBA-2020:3148
python3-wrapt	1.11.1-2.el8ost	RHBA-2020:3148
python3-zaqarclient	1.12.0-0.20200310200831.9038bf6.el8ost	RHBA-2020:3148
qpidd-proton-c	0.29.0-4.el8	RHBA-2020:3148
rhosp-director-images-minimal	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-release	16.1.0-3.el8ost	RHBA-2020:3148
ruby-augeas	0.5.0-3.el8ost	RHBA-2020:3148
ruby-facter	3.9.3-9.el8ost	RHBA-2020:3148
ruby-shadow	2.5.0-3.el8ost	RHBA-2020:3148
rubygem-pathspect	0.2.1-4.el8ost	RHBA-2020:3148
rubygem-rngen	0.6.6-2.1.el8ost	RHBA-2020:3148
yaml-cpp	0.6.1-8.el8ost	RHBA-2020:3148

2.6. RED HAT OPENSTACK PLATFORM 16.1 DIRECTOR DEPLOYMENT TOOLS FOR RHEL 8 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-16.1-deployment-tools-for-rhel-8-x86_64-rpms** repository.

Table 2.6. Red Hat OpenStack Platform 16.1 Director Deployment Tools for RHEL 8 x86_64 (RPMs) Packages

Name	Version	Advisory
ansible-pacemaker	1.0.4-0.20200324105818.5847167.el8ost	RHBA-2020:3148
cpp-hocon	0.1.8-2.el8ost	RHBA-2020:3148
crudini	0.9-6.el8ost	RHBA-2020:3148
dib-utils	0.0.11-0.20200310232248.51661c3.el8ost	RHBA-2020:3148
facter	3.9.3-9.el8ost	RHBA-2020:3148
heat-cfntools	1.4.2-6.el8ost	RHBA-2020:3148
hiera	3.3.1-5.el8ost	RHBA-2020:3148
leatherman	1.4.5-4.el8ost	RHBA-2020:3148
openstack-heat-agents	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
openstack-selinux	0.8.20-0.20200428133425.3300746.el8ost	RHBA-2020:3148
os-apply-config	10.5.1-0.20200311030933.3c6e3cd.el8ost	RHBA-2020:3148
os-collect-config	10.5.2-0.20200520063441.5b8355d.el8ost	RHBA-2020:3148
os-net-config	11.3.2-0.20200521033427.b34a730.el8ost	RHBA-2020:3148
os-refresh-config	10.4.1-0.20200311085048.b5e8cc4.el8ost	RHBA-2020:3148
paunch-services	5.3.3-0.20200527083422.16ae5e4.el8ost	RHBA-2020:3148

Name	Version	Advisory
plotnetcfg	0.4.1-12.el8ost	RHBA-2020:3148
puppet	5.5.10-5.el8ost	RHBA-2020:3148
puppet-aodh	15.4.1-0.20200403153434.ee25acb.el8ost	RHBA-2020:3148
puppet-apache	5.1.0-0.20200302055403.1fa9b1c.el8ost	RHBA-2020:3148
puppet-archive	4.2.1-0.20200311024142.0538163.el8ost	RHBA-2020:3148
puppet-auditd	2.2.1-0.20200311052158.189b22b.el8ost	RHBA-2020:3148
puppet-barbican	15.4.1-0.20200530093425.aa6afa0.el8ost	RHBA-2020:3148
puppet-cassandra	2.7.4-0.20200311053517.9954256.el8ost	RHBA-2020:3148
puppet-ceilometer	15.4.1-0.20200528143430.1f4f0c6.el8ost	RHBA-2020:3148
puppet-ceph	3.1.2-0.20200603075505.3b8ab1f.el8ost	RHBA-2020:3148
puppet-certmonger	2.4.0-0.20200311041659.a198870.el8ost	RHBA-2020:3148
puppet-cinder	15.4.1-0.20200513163422.d5721f9.el8ost	RHBA-2020:3148
puppet-collectd	12.0.0-0.20200604153617.4686e16.el8ost	RHBA-2020:3148

Name	Version	Advisory
puppet-concat	6.1.0-0.20200311044815.9baa8fc.el8ost	RHBA-2020:3148
puppet-contrail	1.0.1-0.20200311044522.6f87929.el8ost	RHBA-2020:3148
puppet-corosync	6.0.2-0.20200311030237.961add3.el8ost	RHBA-2020:3148
puppet-datacat	0.6.3-0.20200311035854.5cce8f2.el8ost	RHBA-2020:3148
puppet-designate	15.5.1-0.20200403143428.516c3c2.el8ost	RHBA-2020:3148
puppet-dns	6.2.1-0.20200311054955.2ae1cd7.el8ost	RHBA-2020:3148
puppet-ec2api	15.4.1-0.20200311083000.e38e26c.el8ost	RHBA-2020:3148
puppet-elasticsearch	6.4.0-0.20200311063502.725afd6.el8ost	RHBA-2020:3148
puppet-etcd	1.12.3-0.20200311034030.123d2af.el8ost	RHBA-2020:3148
puppet-fdio	18.2-0.20200311031201.6fd1c8e.el8ost	RHBA-2020:3148
puppet-firewall	2.1.0-0.20200311043540.4f4437a.el8ost	RHBA-2020:3148
puppet-git	0.5.0-0.20200311034154.4e4498e.el8ost	RHBA-2020:3148

Name	Version	Advisory
puppet-glance	15.4.1- 0.20200417213411.43f3d5e.el8ost	RHBA-2020:3148
puppet-gnocchi	15.4.1- 0.20200311095133.b462302.el8ost	RHBA-2020:3148
puppet-haproxy	4.1.0- 0.20200311060011.df96ffc.el8ost	RHBA-2020:3148
puppet-headless	5.5.10-5.el8ost	RHBA-2020:3148
puppet-heat	15.4.1- 0.20200403164329.3e42a11.el8ost	RHBA-2020:3148
puppet-horizon	15.4.1- 0.20200604003425.dd78e01.el8ost	RHBA-2020:3148
puppet-inifile	3.1.0- 0.20200311030014.91efced.el8ost	RHBA-2020:3148
puppet-ipaclient	2.5.2- 0.20200311025102.b086731.el8ost	RHBA-2020:3148
puppet-ironic	15.4.1- 0.20200527213445.ee3cb9f.el8ost	RHBA-2020:3148
puppet-java	5.0.1- 0.20200311043855.e57cbc8.el8ost	RHBA-2020:3148
puppet-kafka	5.3.1- 0.20200311060931.88aa866.el8ost	RHBA-2020:3148
puppet-keepalived	0.0.2- 0.20200311052543.bbca37a.el8ost	RHBA-2020:3148
puppet-keystone	15.4.1- 0.20200608233418.60532ba.el8ost	RHBA-2020:3148

Name	Version	Advisory
puppet-kibana3	0.0.5-0.20200311063002.6ca9631.el8ost	RHBA-2020:3148
puppet-kmod	2.3.1-0.20200311042626.41e2a2b.el8ost	RHBA-2020:3148
puppet-manila	15.4.1-0.20200403160104.e41b1b6.el8ost	RHBA-2020:3148
puppet-memcached	3.4.0-0.20200311053118.66d3a66.el8ost	RHBA-2020:3148
puppet-midonet	1.0.0-0.20200311064028.a8cec1d.el8ost	RHBA-2020:3148
puppet-mistral	15.4.1-0.20200311082723.c733b8a.el8ost	RHBA-2020:3148
puppet-module-data	0.5.1-0.20200311024412.28dafce.el8ost	RHBA-2020:3148
puppet-mysql	10.4.0-0.20200327184556.95f9b98.el8ost	RHBA-2020:3148
puppet-n1k-vsm	0.0.2-0.20200311062547.92401b8.el8ost	RHBA-2020:3148
puppet-neutron	15.5.1-0.20200514103419.0a45ec7.el8ost	RHBA-2020:3148
puppet-nova	15.5.1-0.20200608173427.c15e37c.el8ost	RHBA-2020:3148
puppet-nssdb	1.0.2-0.20200311034941.2ed2a2d.el8ost	RHBA-2020:3148

Name	Version	Advisory
puppet-octavia	15.4.1-0.20200414073424.8bae62d.el8ost	RHBA-2020:3148
puppet-opendaylight	8.4.3-0.20200311060632.bbe7ce5.el8ost	RHBA-2020:3148
puppet-openstack_extras	15.4.1-0.20200528113453.371931c.el8ost	RHBA-2020:3148
puppet-openstacklib	15.4.1-0.20200403203429.5fdf43c.el8ost	RHBA-2020:3148
puppet-oslo	15.4.1-0.20200528153547.185dec2.el8ost	RHBA-2020:3148
puppet-ovn	15.4.1-0.20200311045730.192ac4e.el8ost	RHBA-2020:3148
puppet-pacemaker	1.0.1-0.20200605143431.5ab1505.el8ost	RHBA-2020:3148
puppet-panko	15.4.1-0.20191014140134.49b7b3e.el8ost	RHBA-2020:3148
puppet-placement	2.4.1-0.20200608163451.8fef1a3.el8ost	RHBA-2020:3148
puppet-qdr	4.4.1-0.20200311045457.d141271.el8ost	RHBA-2020:3148
puppet-rabbitmq	10.0.0-0.20200311173112.9e74ded.el8ost	RHBA-2020:3148
puppet-redis	4.2.2-0.20200311042935.be8d097.el8ost	RHBA-2020:3148

Name	Version	Advisory
puppet-remote	10.0.0-0.20200311035114.7420908.el8ost	RHBA-2020:3148
puppet-rsync	1.1.1-0.20200311051620.a7d4f84.el8ost	RHBA-2020:3148
puppet-rsyslog	3.3.1-0.20200311112301.0c2b6c8.el8ost	RHBA-2020:3148
puppet-sahara	15.4.1-0.20200403143426.4918a93.el8ost	RHBA-2020:3148
puppet-snmp	3.9.1-0.20200311040720.5d73485.el8ost	RHBA-2020:3148
puppet-ssh	6.0.0-0.20200311054137.65570a3.el8ost	RHBA-2020:3148
puppet-staging	1.0.5-0.20200311022543.b466d93.el8ost	RHBA-2020:3148
puppet-stdlib	6.1.0-0.20200311023455.5aa891c.el8ost	RHBA-2020:3148
puppet-swift	15.4.1-0.20200524163422.cc79e4a.el8ost	RHBA-2020:3148
puppet-sysctl	0.0.13-0.20200311023226.a3d160d.el8ost	RHBA-2020:3148
puppet-systemd	2.6.0-0.20200311032116.f0ce6f0.el8ost	RHBA-2020:3148
puppet-timezone	5.1.1-0.20200311031951.21b4a58.el8ost	RHBA-2020:3148
puppet-tomcat	3.1.0-0.20200311055618.a3f92d1.el8ost	RHBA-2020:3148

Name	Version	Advisory
puppet-tripleo	11.5.0-0.20200616033427.8ff1c6a.el8ost	RHBA-2020:3148
puppet-trove	15.4.1-0.20200403145839.bddf0f9.el8ost	RHBA-2020:3148
puppet-vcsrepo	3.0.0-0.20200311033136.b06d5d3.el8ost	RHBA-2020:3148
puppet-veritas_hyperscale	1.0.0-0.20200311100738.7c7868a.el8ost	RHBA-2020:3148
puppet-vswitch	11.4.1-0.20200311050414.4fc423f.el8ost	RHBA-2020:3148
puppet-xinetd	3.3.0-0.20200311025328.d768da2.el8ost	RHBA-2020:3148
puppet-zaqar	15.4.1-0.20200311073944.88b97ec.el8ost	RHBA-2020:3148
puppet-zookeeper	0.9.0-0.20200311062048.5877cbf.el8ost	RHBA-2020:3148
python-oslo-concurrency-lang	3.30.0-0.20200225090342.610df38.el8ost	RHBA-2020:3148
python-oslo-i18n-lang	3.24.0-0.20200221144708.91b39bb.el8ost	RHBA-2020:3148
python-oslo-log-lang	3.44.3-0.20200611110222.e19c407.el8ost	RHBA-2020:3148
python-oslo-utils-lang	3.41.5-0.20200311110302.85cd57d.el8ost	RHBA-2020:3148
python3-SecretStorage	2.3.1-7.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-anyjson	0.3.3-8.1.el8ost	RHBA-2020:3148
python3-appdirs	1.4.0-7.el8ost	RHBA-2020:3148
python3-beautifulsoup4	4.6.0-1.el8ost	RHBA-2020:3148
python3-boto	2.45.0-7.el8ost	RHBA-2020:3148
python3-cliff	2.16.0- 0.20200225112317.6b6b186.el8ost	RHBA-2020:3148
python3-cmd2	0.6.8-10.el8ost	RHBA-2020:3148
python3-dateutil	2.8.0-1.el8ost	RHBA-2020:3148
python3-debtcollector	1.22.0- 0.20200310210206.0be4911.el8ost	RHBA-2020:3148
python3-dogpile-cache	0.6.8-1.el8ost	RHBA-2020:3148
python3-eventlet	0.25.1-1.1.el8ost	RHBA-2020:3148
python3-fasteners	0.14.1-15.el8ost	RHBA-2020:3148
python3-funcsigs	1.0.2-3.el8ost	RHBA-2020:3148
python3-greenlet	0.4.14-5.el8ost	RHBA-2020:3148
python3-heat-agent	1.10.1- 0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-ansible	1.10.1- 0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-apply-config	1.10.1- 0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-docker-cmd	1.10.1- 0.20200311091123.96b819c.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-heat-agent-hiera	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-json-file	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-puppet	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heatclient	1.18.0-0.20200310192511.ecal637.el8ost	RHBA-2020:3148
python3-iso8601	0.1.11-9.el8ost	RHBA-2020:3148
python3-keyring	17.1.1-1.el8ost	RHBA-2020:3148
python3-keystoneauth1	3.17.2-0.20200311105451.1d5f572.el8ost	RHBA-2020:3148
python3-keystoneclient	3.21.0-0.20200225105518.79f150f.el8ost	RHBA-2020:3148
python3-markupsafe	1.1.0-2.el8ost	RHBA-2020:3148
python3-monotonic	1.5-2.el8ost	RHBA-2020:3148
python3-msgpack	0.6.1-3.el8ost	RHBA-2020:3148
python3-munch	2.2.0-3.el8ost	RHBA-2020:3148
python3-netifaces	0.10.9-2.el8ost	RHBA-2020:3148
python3-numpy	1.15.1-2.2.el8ost	RHBA-2020:3148
python3-numpy-f2py	1.15.1-2.2.el8ost	RHBA-2020:3148
python3-openstacksdk	0.36.3-0.20200424135113.c07350e.el8ost	RHBA-2020:3148
python3-os-client-config	1.33.0-0.20200310171613.d0eea17.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-os-service-types	1.7.0-0.20200225085439.0b2f473.el8ost	RHBA-2020:3148
python3-osc-lib	1.14.1-0.20200310175859.a0d9746.el8ost	RHBA-2020:3148
python3-oslo-concurrency	3.30.0-0.20200225090342.610df38.el8ost	RHBA-2020:3148
python3-oslo-config	6.11.2-0.20200221150642.22c286c.el8ost	RHBA-2020:3148
python3-oslo-context	2.23.1-0.20200611105515.ab17aef.el8ost	RHBA-2020:3148
python3-oslo-i18n	3.24.0-0.20200221144708.91b39bb.el8ost	RHBA-2020:3148
python3-oslo-log	3.44.3-0.20200611110222.e19c407.el8ost	RHBA-2020:3148
python3-oslo-serialization	2.29.2-0.20200225092603.fa399b6.el8ost	RHBA-2020:3148
python3-oslo-utils	3.41.5-0.20200311110302.85cd57d.el8ost	RHBA-2020:3148
python3-paunch	5.3.3-0.20200527083422.16ae5e4.el8ost	RHBA-2020:3148
python3-pbr	5.1.2-2.el8ost	RHBA-2020:3148
python3-protobuf	3.6.1-4.el8ost	RHBA-2020:3148
python3-psutil	5.6.3-1.el8ost	RHBA-2020:3148
python3-pyparsing	2.3.1-1.el8ost	RHBA-2020:3148
python3-pystache	0.5.3-3.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-requestsexceptions	1.4.0-0.20200225113445.d7ac0ff.el8ost	RHBA-2020:3148
python3-rfc3986	1.2.0-2.el8ost	RHBA-2020:3148
python3-rsa	3.4.2-9.el8ost	RHBA-2020:3148
python3-simplejson	3.16.0-3.el8ost	RHBA-2020:3148
python3-six	1.12.0-1.el8ost	RHBA-2020:3148
python3-stevedore	1.31.0-0.20200221143553.6817543.el8ost	RHBA-2020:3148
python3-swiftclient	3.8.1-0.20200225110806.72b90fe.el8ost	RHBA-2020:3148
python3-tenacity	5.1.1-3.el8ost	RHBA-2020:3148
python3-wrapt	1.11.1-2.el8ost	RHBA-2020:3148
python3-zaqarclient	1.12.0-0.20200310200831.9038bf6.el8ost	RHBA-2020:3148
qpidd-proton-c	0.29.0-4.el8	RHBA-2020:3148
rhosp-director-images-minimal	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-release	16.1.0-3.el8ost	RHBA-2020:3148
ruby-augeas	0.5.0-3.el8ost	RHBA-2020:3148
ruby-facter	3.9.3-9.el8ost	RHBA-2020:3148
ruby-shadow	2.5.0-3.el8ost	RHBA-2020:3148
rubygem-pathspect	0.2.1-4.el8ost	RHBA-2020:3148
rubygem-rgen	0.6.6-2.1.el8ost	RHBA-2020:3148
yaml-cpp	0.6.1-8.el8ost	RHBA-2020:3148

2.7. RED HAT OPENSTACK PLATFORM 16.1 FOR RHEL 8 FOR POWER, LITTLE ENDIAN (RPMS)

The following table outlines the packages included in the **openstack-16.1-for-rhel-8-ppc64le-rpms** repository.

Table 2.7. Red Hat OpenStack Platform 16.1 for RHEL 8 for Power, little endian (RPMs) Packages

Name	Version	Advisory
XStatic-Angular-common	1.5.8.0-6.el8ost	RHBA-2020:3148
XStatic-Magic-Search-common	0.2.5.1-8.el8ost	RHBA-2020:3148
ansible-config_template	1.1.1-0.20200604063431.91878d7.el8ost	RHBA-2020:3148
ansible-pacemaker	1.0.4-0.20200324105818.5847167.el8ost	RHBA-2020:3148
ansible-role-atos-hsm	0.1.1-0.20200318203421.1269408.el8ost	RHBA-2020:3148
ansible-role-chrony	1.0.2-0.20200311064420.03e7fbe.el8ost	RHBA-2020:3148
ansible-role-container-registry	1.1.1-0.20200311065947.7eca2dd.el8ost	RHBA-2020:3148
ansible-role-network-runner	0.1.7-3.el8ost	RHBA-2020:3148
ansible-role-openstack-ml2	3.0.1-0.20200312083455.e24d01c.el8ost	RHBA-2020:3148
ansible-role-openstack-operations	0.0.1-0.20200311080930.274739e.el8ost	RHBA-2020:3148
ansible-role-redhat-subscription	1.1.1-0.20200522204523.5f65ba4.el8ost	RHBA-2020:3148
ansible-role-thales-hsm	0.2.1-0.20200311074756.2803c6c.el8ost	RHBA-2020:3148

Name	Version	Advisory
ansible-role-tripleo-modify-image	1.2.1-0.20200527233426.bc21900.el8ost	RHBA-2020:3148
ansible-tripleo-ipa	0.2.1-0.20200611104546.c22fc8d.el8ost	RHBA-2020:3148
ansible-tripleo-ipsec	9.2.1-0.20200311073016.0c8693c.el8ost	RHBA-2020:3148
blosc	1.13.3-3.el8ost	RHBA-2020:3148
bootswatch-common	3.3.7.0-7.el8ost	RHBA-2020:3148
bootswatch-fonts	3.3.7.0-7.el8ost	RHBA-2020:3148
collectd	5.11.0-3.el8ost	RHBA-2020:3148
collectd-amqp1	5.11.0-3.el8ost	RHBA-2020:3148
collectd-connectivity	5.11.0-3.el8ost	RHBA-2020:3148
collectd-dbi	5.11.0-3.el8ost	RHBA-2020:3148
collectd-dpdk_telemetry	5.11.0-3.el8ost	RHBA-2020:3148
collectd-hugepages	5.11.0-3.el8ost	RHBA-2020:3148
collectd-mcelog	5.11.0-3.el8ost	RHBA-2020:3148
collectd-ovs-events	5.11.0-3.el8ost	RHBA-2020:3148
collectd-ovs-stats	5.11.0-3.el8ost	RHBA-2020:3148
collectd-ping	5.11.0-3.el8ost	RHBA-2020:3148
collectd-procevent	5.11.0-3.el8ost	RHBA-2020:3148
collectd-python	5.11.0-3.el8ost	RHBA-2020:3148
collectd-sensubility	0.1.4-1.el8ost	RHBA-2020:3148
collectd-snmp-agent	5.11.0-3.el8ost	RHBA-2020:3148

Name	Version	Advisory
collectd-sysevent	5.11.0-3.el8ost	RHBA-2020:3148
cpp-hocon	0.1.8-2.el8ost	RHBA-2020:3148
crudini	0.9-6.el8ost	RHBA-2020:3148
dib-utils	0.0.11-0.20200310232248.51661c3.el8ost	RHBA-2020:3148
dibbler-client	1.0.1-9.el8ost	RHBA-2020:3148
dibbler-relay	1.0.1-9.el8ost	RHBA-2020:3148
dibbler-requestor	1.0.1-9.el8ost	RHBA-2020:3148
dibbler-server	1.0.1-9.el8ost	RHBA-2020:3148
diskimage-builder	3.0.1-0.20200609103442.68017d0.el8ost	RHBA-2020:3148
dumb-init	1.1.3-18.el8ost	RHBA-2020:3148
elixir	1.9.1-1.el8ost	RHBA-2020:3148
erlang-asn1	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-compiler	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-crypto	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-eldap	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-erts	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-hipe	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-inets	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-kernel	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-mnesia	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-os_mon	21.3.8.16-1.el8ost	RHBA-2020:3148

Name	Version	Advisory
erlang-otp_mibs	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-parsetools	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-public_key	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-runtime_tools	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-sasl	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-sd_notify	1.0-7.el8ost	RHBA-2020:3148
erlang-snmp	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-ssl	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-stdlib	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-syntax_tools	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-tools	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-xmerl	21.3.8.16-1.el8ost	RHBA-2020:3148
etcd	3.2.21-2.el8ost	RHBA-2020:3148
facter	3.9.3-9.el8ost	RHBA-2020:3148
fontawesome-fonts	4.7.0-6.el8ost	RHBA-2020:3148
fontawesome-fonts-web	4.7.0-6.el8ost	RHBA-2020:3148
gnocchi-api	4.3.5-0.20200310232918.8cbc9ee.el8ost	RHBA-2020:3148
gnocchi-common	4.3.5-0.20200310232918.8cbc9ee.el8ost	RHBA-2020:3148
gnocchi-metricd	4.3.5-0.20200310232918.8cbc9ee.el8ost	RHBA-2020:3148

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gnocchi-statsd	4.3.5-0.20200310232918.8cbc9ee.el8ost	RHBA-2020:3148
golang-github-BurntSushi-toml-devel	0-0.10.git2ceedfe.1.el8ost	RHBA-2020:3148
golang-github-Sirupsen-logrus-devel	1.1.1-4.el8ost	RHBA-2020:3148
golang-github-davecgh-go-spew-devel	0-0.11.git6d21280.1.el8ost	RHBA-2020:3148
golang-github-golang-sys-devel	0-0.15.20181125git62eef0e.1.el8ost	RHBA-2020:3148
golang-github-pmezard-go-diffliplib-devel	0-0.9.git792786c.1.el8ost	RHBA-2020:3148
golang-github-stretchr-objx-devel	0-0.12.git1a9d0bb.1.el8ost	RHBA-2020:3148
golang-github-stretchr-testify-devel	1.2.2-3.el8ost	RHBA-2020:3148
golang-github-urfave-cli-devel	1.20.0-3.el8ost	RHBA-2020:3148
golang-github-vbatts-tar-split	0.11.1-3.el8ost	RHBA-2020:3148
golang-golangorg-crypto-devel	0-0.14.20181125git3d3f9f4.1.el8ost	RHBA-2020:3148
golang-gopkg-check-devel	1-14.el8ost	RHBA-2020:3148
golang-gopkg-yaml-devel	1-16.el8ost	RHBA-2020:3148
golang-gopkg-yaml-devel-v2	1-16.el8ost	RHBA-2020:3148
hdf5	1.8.20-7.el8ost	RHBA-2020:3148
heat-cfnutils	1.4.2-6.el8ost	RHBA-2020:3148
hieraprovider	3.3.1-5.el8ost	RHBA-2020:3148

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kuryr-binding-scripts	1.1.1-0.20200310222724.41e6964.el8ost	RHBA-2020:3148
leatherman	1.4.5-4.el8ost	RHBA-2020:3148
libdbi	0.9.0-10.el8ost	RHBA-2020:3148
liberasurecode	1.5.0-5.el8ost	RHBA-2020:3148
liboping	1.10.0-10.el8ost	RHBA-2020:3148
libqhull	2015.2-7.el8ost	RHBA-2020:3148
libsodium	1.0.16-4.5.el8ost	RHBA-2020:3148
libwebsockets	2.4.2-2.el8	RHBA-2020:3148
mdi-common	1.4.57.0-9.el8ost	RHBA-2020:3148
mdi-fonts	1.4.57.0-9.el8ost	RHBA-2020:3148
ndisc6	1.0.3-9.el8ost	RHBA-2020:3148
novnc	1.1.0-1.el8ost	RHBA-2020:3148
octavia-amphora-image-x86_64	16.1-20200722.1.el8ost	RHBA-2020:3200
openstack-aodh-api	9.0.1-0.20200310230739.5415b96.el8ost	RHBA-2020:3148
openstack-aodh-common	9.0.1-0.20200310230739.5415b96.el8ost	RHBA-2020:3148
openstack-aodh-compat	9.0.1-0.20200310230739.5415b96.el8ost	RHBA-2020:3148
openstack-aodh-evaluator	9.0.1-0.20200310230739.5415b96.el8ost	RHBA-2020:3148

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openstack-aodh-expirer	9.0.1-0.20200310230739.5415b96.el8ost	RHBA-2020:3148
openstack-aodh-listener	9.0.1-0.20200310230739.5415b96.el8ost	RHBA-2020:3148
openstack-aodh-notifier	9.0.1-0.20200310230739.5415b96.el8ost	RHBA-2020:3148
openstack-barbican	9.0.1-0.20200311002840.07be198.el8ost	RHBA-2020:3148
openstack-barbican-api	9.0.1-0.20200311002840.07be198.el8ost	RHBA-2020:3148
openstack-barbican-common	9.0.1-0.20200311002840.07be198.el8ost	RHBA-2020:3148
openstack-barbican-keystone-listener	9.0.1-0.20200311002840.07be198.el8ost	RHBA-2020:3148
openstack-barbican-worker	9.0.1-0.20200311002840.07be198.el8ost	RHBA-2020:3148
openstack-ceilometer-central	13.1.1-0.20200417043416.cad356b.el8ost	RHBA-2020:3148
openstack-ceilometer-common	13.1.1-0.20200417043416.cad356b.el8ost	RHBA-2020:3148
openstack-ceilometer-compute	13.1.1-0.20200417043416.cad356b.el8ost	RHBA-2020:3148
openstack-ceilometer-ipmi	13.1.1-0.20200417043416.cad356b.el8ost	RHBA-2020:3148

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openstack-ceilometer-notification	13.1.1-0.20200417043416.cad356b.el8ost	RHBA-2020:3148
openstack-ceilometer-polling	13.1.1-0.20200417043416.cad356b.el8ost	RHBA-2020:3148
openstack-cinder	15.2.1-0.20200611113514.062104e.el8ost	RHBA-2020:3148
openstack-dashboard	16.1.1-0.20200603093454.fa83951.el8ost	RHBA-2020:3148
openstack-dashboard-theme	16.0.2-1.el8ost	RHBA-2020:3148
openstack-designate-agent	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148
openstack-designate-api	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148
openstack-designate-central	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148
openstack-designate-common	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148
openstack-designate-mdns	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148
openstack-designate-producer	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148
openstack-designate-sink	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148
openstack-designate-worker	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148

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openstack-ec2-api	9.0.1-0.20200310231226.fb16aa4.el8ost	RHBA-2020:3148
openstack-glance	19.0.3-0.20200421223423.3e16bc7.el8ost	RHBA-2020:3148
openstack-heat-agents	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
openstack-heat-api	13.0.2-0.20200529053437.33972cc.el8ost	RHBA-2020:3148
openstack-heat-api-cfn	13.0.2-0.20200529053437.33972cc.el8ost	RHBA-2020:3148
openstack-heat-common	13.0.2-0.20200529053437.33972cc.el8ost	RHBA-2020:3148
openstack-heat-engine	13.0.2-0.20200529053437.33972cc.el8ost	RHBA-2020:3148
openstack-heat-monolith	13.0.2-0.20200529053437.33972cc.el8ost	RHBA-2020:3148
openstack-heat-ui	2.0.1-0.20200311003902.2719498.el8ost	RHBA-2020:3148
openstack-ironic-api	13.0.4-0.20200605173514.911bc51.el8ost	RHBA-2020:3148
openstack-ironic-common	13.0.4-0.20200605173514.911bc51.el8ost	RHBA-2020:3148
openstack-ironic-conductor	13.0.4-0.20200605173514.911bc51.el8ost	RHBA-2020:3148
openstack-ironic-inspector	9.2.3-0.20200525133443.a1a08df.el8ost	RHBA-2020:3148

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openstack-ironic-inspector-dnsmasq	9.2.3-0.20200525133443.a1a08df.el8ost	RHBA-2020:3148
openstack-ironic-python-agent	5.0.2-0.20200521164433.7bad00c.el8ost	RHBA-2020:3148
openstack-ironic-python-agent-builder	2.0.1-0.20200608173428.cb415ef.el8ost	RHBA-2020:3148
openstack-ironic-staging-drivers	0.12.1-0.20200526103911.b5a8aaf.el8ost	RHBA-2020:3148
openstack-ironic-ui	3.5.5-0.20200413100105.1f091c9.el8ost	RHBA-2020:3148
openstack-keystone	16.0.2-0.20200520004147.b74e95c.el8ost	RHBA-2020:3148
openstack-manila	9.1.3-0.20200604223435.4cbfb04.el8ost	RHBA-2020:3148
openstack-manila-share	9.1.3-0.20200604223435.4cbfb04.el8ost	RHBA-2020:3148
openstack-manila-ui	2.19.2-0.20200513113431.b1f62a0.el8ost	RHBA-2020:3148
openstack-mistral-all	9.1.0-0.20200423064323.3003917.el8ost	RHBA-2020:3148
openstack-mistral-api	9.1.0-0.20200423064323.3003917.el8ost	RHBA-2020:3148
openstack-mistral-common	9.1.0-0.20200423064323.3003917.el8ost	RHBA-2020:3148

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openstack-mistral-engine	9.1.0-0.20200423064323.3003917.el8ost	RHBA-2020:3148
openstack-mistral-event-engine	9.1.0-0.20200423064323.3003917.el8ost	RHBA-2020:3148
openstack-mistral-executor	9.1.0-0.20200423064323.3003917.el8ost	RHBA-2020:3148
openstack-mistral-notifier	9.1.0-0.20200423064323.3003917.el8ost	RHBA-2020:3148
openstack-neutron	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
openstack-neutron-bgp-dragent	15.0.1-0.20200513163420.5300489.el8ost	RHBA-2020:3148
openstack-neutron-bigswitch-agent	12.0.3-0.20200425223424.c3b82e5.el8ost	RHBA-2020:3148
openstack-neutron-common	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
openstack-neutron-dynamic-routing-common	15.0.1-0.20200513163420.5300489.el8ost	RHBA-2020:3148
openstack-neutron-l2gw-agent	15.0.1-0.20200311171400.0de2604.el8ost	RHBA-2020:3148
openstack-neutron-linuxbridge	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
openstack-neutron-macvtap-agent	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
openstack-neutron-metering-agent	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148

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openstack-neutron-ml2	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
openstack-neutron-openvswitch	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
openstack-neutron-rpc-server	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
openstack-neutron-sriov-nic-agent	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
openstack-nova	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-api	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-common	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-compute	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-conductor	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-console	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-migration	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-novncproxy	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-scheduler	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148

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openstack-nova-serialproxy	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-spicehtml5proxy	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-octavia-amphora-agent	5.0.2-0.20200526173428.09e863e.el8ost	RHBA-2020:3148
openstack-octavia-api	5.0.2-0.20200526173428.09e863e.el8ost	RHBA-2020:3148
openstack-octavia-common	5.0.2-0.20200526173428.09e863e.el8ost	RHBA-2020:3148
openstack-octavia-diskimage-create	5.0.2-0.20200526173428.09e863e.el8ost	RHBA-2020:3148
openstack-octavia-health-manager	5.0.2-0.20200526173428.09e863e.el8ost	RHBA-2020:3148
openstack-octavia-housekeeping	5.0.2-0.20200526173428.09e863e.el8ost	RHBA-2020:3148
openstack-octavia-ui	4.0.1-0.20200420173427.7404468.el8ost	RHBA-2020:3148
openstack-octavia-worker	5.0.2-0.20200526173428.09e863e.el8ost	RHBA-2020:3148
openstack-panko-api	7.0.1-0.20191017041322.9b551e7.el8ost	RHBA-2020:3148
openstack-panko-common	7.0.1-0.20191017041322.9b551e7.el8ost	RHBA-2020:3148

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openstack-placement-api	2.0.0-0.20200311000650.36beddb.el8ost	RHBA-2020:3148
openstack-placement-common	2.0.0-0.20200311000650.36beddb.el8ost	RHBA-2020:3148
openstack-selinux	0.8.20-0.20200428133425.3300746.el8ost	RHBA-2020:3148
openstack-swift-account	2.23.2-0.20200505123431.2e50b58.el8ost	RHBA-2020:3148
openstack-swift-container	2.23.2-0.20200505123431.2e50b58.el8ost	RHBA-2020:3148
openstack-swift-object	2.23.2-0.20200505123431.2e50b58.el8ost	RHBA-2020:3148
openstack-swift-proxy	2.23.2-0.20200505123431.2e50b58.el8ost	RHBA-2020:3148
openstack-tempest	23.0.0-0.20200609093435.d432237.el8ost	RHBA-2020:3148
openstack-tempest-all	23.0.0-0.20200609093435.d432237.el8ost	RHBA-2020:3148
openstack-tripleo-common	11.3.3-0.20200611110656.f7715be.el8ost	RHBA-2020:3148
openstack-tripleo-common-container-base	11.3.3-0.20200611110656.f7715be.el8ost	RHBA-2020:3148
openstack-tripleo-common-containers	11.3.3-0.20200611110656.f7715be.el8ost	RHBA-2020:3148
openstack-tripleo-common-devtools	11.3.3-0.20200611110656.f7715be.el8ost	RHBA-2020:3148

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openstack-tripleo-heat-templates	11.3.2-0.20200616081532.396affd.el8ost	RHSA-2020:3199
openstack-tripleo-image-elements	10.6.2-0.20200528043425.7dc0fa1.el8ost	RHBA-2020:3148
openstack-tripleo-puppet-elements	11.2.2-0.20200527003426.226ce95.el8ost	RHBA-2020:3148
openstack-tripleo-validations	11.3.2-0.20200611115252.08f469d.el8ost	RHBA-2020:3148
openstack-zaqar	9.0.1-0.20200311021534.15a8ad7.el8ost	RHBA-2020:3148
os-apply-config	10.5.1-0.20200311030933.3c6e3cd.el8ost	RHBA-2020:3148
os-collect-config	10.5.2-0.20200520063441.5b8355d.el8ost	RHBA-2020:3148
os-net-config	11.3.2-0.20200521033427.b34a730.el8ost	RHBA-2020:3148
os-refresh-config	10.4.1-0.20200311085048.b5e8cc4.el8ost	RHBA-2020:3148
paunch-services	5.3.3-0.20200527083422.16ae5e4.el8ost	RHBA-2020:3148
plotnetcfg	0.4.1-12.el8ost	RHBA-2020:3148
puppet	5.5.10-5.el8ost	RHBA-2020:3148
puppet-aodh	15.4.1-0.20200403153434.ee25acb.el8ost	RHBA-2020:3148

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puppet-apache	5.1.0-0.20200302055403.1fa9b1c.el8ost	RHBA-2020:3148
puppet-archive	4.2.1-0.20200311024142.0538163.el8ost	RHBA-2020:3148
puppet-auditd	2.2.1-0.20200311052158.189b22b.el8ost	RHBA-2020:3148
puppet-barbican	15.4.1-0.20200530093425.aa6afa0.el8ost	RHBA-2020:3148
puppet-cassandra	2.7.4-0.20200311053517.9954256.el8ost	RHBA-2020:3148
puppet-ceilometer	15.4.1-0.20200528143430.1f4f0c6.el8ost	RHBA-2020:3148
puppet-ceph	3.1.2-0.20200603075505.3b8ab1f.el8ost	RHBA-2020:3148
puppet-certmonger	2.4.0-0.20200311041659.a198870.el8ost	RHBA-2020:3148
puppet-cinder	15.4.1-0.20200513163422.d5721f9.el8ost	RHBA-2020:3148
puppet-collectd	12.0.0-0.20200604153617.4686e16.el8ost	RHBA-2020:3148
puppet-concat	6.1.0-0.20200311044815.9baa8fc.el8ost	RHBA-2020:3148
puppet-contrail	1.0.1-0.20200311044522.6f87929.el8ost	RHBA-2020:3148

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puppet-corosync	6.0.2-0.20200311030237.961add3.el8ost	RHBA-2020:3148
puppet-datacat	0.6.3-0.20200311035854.5cce8f2.el8ost	RHBA-2020:3148
puppet-designate	15.5.1-0.20200403143428.516c3c2.el8ost	RHBA-2020:3148
puppet-dns	6.2.1-0.20200311054955.2ae1cd7.el8ost	RHBA-2020:3148
puppet-ec2api	15.4.1-0.20200311083000.e38e26c.el8ost	RHBA-2020:3148
puppet-elasticsearch	6.4.0-0.20200311063502.725afd6.el8ost	RHBA-2020:3148
puppet-etcd	1.12.3-0.20200311034030.123d2af.el8ost	RHBA-2020:3148
puppet-fdio	18.2-0.20200311031201.6fd1c8e.el8ost	RHBA-2020:3148
puppet-firewall	2.1.0-0.20200311043540.4f4437a.el8ost	RHBA-2020:3148
puppet-git	0.5.0-0.20200311034154.4e4498e.el8ost	RHBA-2020:3148
puppet-glance	15.4.1-0.20200417213411.43f3d5e.el8ost	RHBA-2020:3148
puppet-gnocchi	15.4.1-0.20200311095133.b462302.el8ost	RHBA-2020:3148
puppet-haproxy	4.1.0-0.20200311060011.df96ffc.el8ost	RHBA-2020:3148

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puppet-headless	5.5.10-5.el8ost	RHBA-2020:3148
puppet-heat	15.4.1-0.20200403164329.3e42a11.el8ost	RHBA-2020:3148
puppet-horizon	15.4.1-0.20200604003425.dd78e01.el8ost	RHBA-2020:3148
puppet-inifile	3.1.0-0.20200311030014.91efced.el8ost	RHBA-2020:3148
puppet-ipaclient	2.5.2-0.20200311025102.b086731.el8ost	RHBA-2020:3148
puppet-ironic	15.4.1-0.20200527213445.ee3cb9f.el8ost	RHBA-2020:3148
puppet-java	5.0.1-0.20200311043855.e57cbc8.el8ost	RHBA-2020:3148
puppet-kafka	5.3.1-0.20200311060931.88aa866.el8ost	RHBA-2020:3148
puppet-keepalived	0.0.2-0.20200311052543.bbca37a.el8ost	RHBA-2020:3148
puppet-keystone	15.4.1-0.20200608233418.60532ba.el8ost	RHBA-2020:3148
puppet-kibana3	0.0.5-0.20200311063002.6ca9631.el8ost	RHBA-2020:3148
puppet-kmod	2.3.1-0.20200311042626.41e2a2b.el8ost	RHBA-2020:3148

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puppet-manila	15.4.1-0.20200403160104.e41b1b6.el8ost	RHBA-2020:3148
puppet-memcached	3.4.0-0.20200311053118.66d3a66.el8ost	RHBA-2020:3148
puppet-midonet	1.0.0-0.20200311064028.a8cecd1.el8ost	RHBA-2020:3148
puppet-mistral	15.4.1-0.20200311082723.c733b8a.el8ost	RHBA-2020:3148
puppet-module-data	0.5.1-0.20200311024412.28dafce.el8ost	RHBA-2020:3148
puppet-mysql	10.4.0-0.20200327184556.95f9b98.el8ost	RHBA-2020:3148
puppet-n1k-vsm	0.0.2-0.20200311062547.92401b8.el8ost	RHBA-2020:3148
puppet-neutron	15.5.1-0.20200514103419.0a45ec7.el8ost	RHBA-2020:3148
puppet-nova	15.5.1-0.20200608173427.c15e37c.el8ost	RHBA-2020:3148
puppet-nssdb	1.0.2-0.20200311034941.2ed2a2d.el8ost	RHBA-2020:3148
puppet-octavia	15.4.1-0.20200414073424.8bae62d.el8ost	RHBA-2020:3148
puppet-opendaylight	8.4.3-0.20200311060632.bbe7ce5.el8ost	RHBA-2020:3148

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puppet-openstack_extras	15.4.1-0.20200528113453.371931c.el8ost	RHBA-2020:3148
puppet-openstacklib	15.4.1-0.20200403203429.5fdf43c.el8ost	RHBA-2020:3148
puppet-oslo	15.4.1-0.20200528153547.185dec2.el8ost	RHBA-2020:3148
puppet-ovn	15.4.1-0.20200311045730.192ac4e.el8ost	RHBA-2020:3148
puppet-pacemaker	1.0.1-0.20200605143431.5ab1505.el8ost	RHBA-2020:3148
puppet-panko	15.4.1-0.20191014140134.49b7b3e.el8ost	RHBA-2020:3148
puppet-placement	2.4.1-0.20200608163451.8fef1a3.el8ost	RHBA-2020:3148
puppet-qdr	4.4.1-0.20200311045457.d141271.el8ost	RHBA-2020:3148
puppet-rabbitmq	10.0.0-0.20200311173112.9e74ded.el8ost	RHBA-2020:3148
puppet-redis	4.2.2-0.20200311042935.be8d097.el8ost	RHBA-2020:3148
puppet-remote	10.0.0-0.20200311035114.7420908.el8ost	RHBA-2020:3148
puppet-rsync	1.1.1-0.20200311051620.a7d4f84.el8ost	RHBA-2020:3148
puppet-rsyslog	3.3.1-0.20200311112301.0c2b6c8.el8ost	RHBA-2020:3148

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puppet-sahara	15.4.1- 0.20200403143426.4918a93.el8 ost	RHBA-2020:3148
puppet-server	5.5.10-5.el8ost	RHBA-2020:3148
puppet-snmp	3.9.1- 0.20200311040720.5d73485.el8 ost	RHBA-2020:3148
puppet-ssh	6.0.0- 0.20200311054137.65570a3.el8o st	RHBA-2020:3148
puppet-staging	1.0.5- 0.20200311022543.b466d93.el8 ost	RHBA-2020:3148
puppet-stdlib	6.1.0- 0.20200311023455.5aa891c.el8os t	RHBA-2020:3148
puppet-swift	15.4.1- 0.20200524163422.cc79e4a.el8o st	RHBA-2020:3148
puppet-sysctl	0.0.13- 0.20200311023226.a3d160d.el8o st	RHBA-2020:3148
puppet-systemd	2.6.0- 0.20200311032116.f0ce6f0.el8ost	RHBA-2020:3148
puppet-timezone	5.1.1- 0.20200311031951.21b4a58.el8ost	RHBA-2020:3148
puppet-tomcat	3.1.0- 0.20200311055618.a3f92d1.el8os t	RHBA-2020:3148
puppet-tripleo	11.5.0- 0.20200616033427.8ff1c6a.el8os t	RHBA-2020:3148
puppet-trove	15.4.1- 0.20200403145839.bddf0f9.el8 ost	RHBA-2020:3148

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puppet-vcsrepo	3.0.0-0.20200311033136.b06d5d3.el8ost	RHBA-2020:3148
puppet-veritas_hyperscale	1.0.0-0.20200311100738.7c7868a.el8ost	RHBA-2020:3148
puppet-vswitch	11.4.1-0.20200311050414.4fc423f.el8ost	RHBA-2020:3148
puppet-xinetd	3.3.0-0.20200311025328.d768da2.el8ost	RHBA-2020:3148
puppet-zaqar	15.4.1-0.20200311073944.88b97ec.el8ost	RHBA-2020:3148
puppet-zookeeper	0.9.0-0.20200311062048.5877cbf.el8ost	RHBA-2020:3148
python-django20-bash-completion	2.0.13-2.el8ost	RHBA-2020:3148
python-openstackclient-lang	4.0.0-0.20200310193636.aa64eb6.el8ost	RHBA-2020:3148
python-oslo-cache-lang	1.37.0-0.20200225103049.f67262f.el8ost	RHBA-2020:3148
python-oslo-concurrency-lang	3.30.0-0.20200225090342.610df38.el8ost	RHBA-2020:3148
python-oslo-db-lang	5.0.2-0.20200225090546.fb40cdb.el8ost	RHBA-2020:3148
python-oslo-i18n-lang	3.24.0-0.20200221144708.91b39bb.el8ost	RHBA-2020:3148

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python-oslo-log-lang	3.44.3-0.20200611110222.e19c407.el8ost	RHBA-2020:3148
python-oslo-middleware-lang	3.38.1-0.20200225095528.9bae80e.el8ost	RHBA-2020:3148
python-oslo-policy-lang	2.3.3-0.20200310162846.b7b9930.el8ost	RHBA-2020:3148
python-oslo-privsep-lang	1.33.3-0.20200310175027.ddde706.el8ost	RHBA-2020:3148
python-oslo-utils-lang	3.41.5-0.20200311110302.85cd57d.el8ost	RHBA-2020:3148
python-oslo-versionedobjects-lang	1.36.1-0.20200310170354.14ee7e0.el8ost	RHBA-2020:3148
python-oslo-vmware-lang	2.34.1-0.20200310171543.c592465.el8ost	RHBA-2020:3148
python-pycadf-common	2.10.0-0.20200225093612.d113c15.el8ost	RHBA-2020:3148
python3-Bottleneck	1.2.1-8.el8ost	RHBA-2020:3148
python3-Cython	0.29.2-2.el8ost	RHBA-2020:3148
python3-GitPython	2.1.11-2.el8ost	RHBA-2020:3148
python3-ImcSdk	0.9.6-2.el8ost	RHBA-2020:3148
python3-SecretStorage	2.3.1-7.el8ost	RHBA-2020:3148
python3-XStatic	1.0.1-9.el8ost	RHBA-2020:3148
python3-XStatic-Angular	1.5.8.0-6.el8ost	RHBA-2020:3148
python3-XStatic-Angular-Bootstrap	2.2.0.0-6.el8ost	RHBA-2020:3148

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python3-XStatic-Angular-FileUpload	12.0.4.0-10.el8ost	RHBA-2020:3148
python3-XStatic-Angular-Gettext	2.3.8.0-2.el8ost	RHBA-2020:3148
python3-XStatic-Angular-Schema-Form	0.8.13.0-1.el8ost	RHBA-2020:3148
python3-XStatic-Angular-UUID	0.0.4.0-5.el8ost	RHBA-2020:3148
python3-XStatic-Angular-Vis	4.16.0.0-2.el8ost	RHBA-2020:3148
python3-XStatic-Angular-lrdragndrop	1.0.2.2-12.el8ost	RHBA-2020:3148
python3-XStatic-Bootstrap-Datepicker	1.3.1.0-12.el8ost	RHBA-2020:3148
python3-XStatic-Bootstrap-SCSS	3.3.7.1-6.el8ost	RHBA-2020:3148
python3-XStatic-D3	3.5.17.0-6.el8ost	RHBA-2020:3148
python3-XStatic-FileSaver	1.3.2.0-2.el8ost	RHBA-2020:3148
python3-XStatic-Font-Awesome	4.7.0.0-6.el8ost	RHBA-2020:3148
python3-XStatic-Hogan	2.0.0.2-13.el8ost	RHBA-2020:3148
python3-XStatic-JQuery-Migrate	1.2.1.1-13.el8ost	RHBA-2020:3148
python3-XStatic-JQuery-TableSorter	2.14.5.1-13.el8ost	RHBA-2020:3148
python3-XStatic-JQuery-quicksearch	2.0.3.1-13.el8ost	RHBA-2020:3148
python3-XStatic-JS-Yaml	3.8.1.0-3.el8ost	RHBA-2020:3148
python3-XStatic-JSEncrypt	2.3.1.1-5.el8ost	RHBA-2020:3148
python3-XStatic-Jasmine	2.4.1.1-5.el8ost	RHBA-2020:3148
python3-XStatic-Json2yaml	0.1.1.0-2.el8ost	RHBA-2020:3148

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python3-XStatic-Magic-Search	0.2.5.1-8.el8ost	RHBA-2020:3148
python3-XStatic-Rickshaw	15.0.0-15.el8ost	RHBA-2020:3148
python3-XStatic-Spin	1.2.5.2-14.el8ost	RHBA-2020:3148
python3-XStatic-bootswatch	3.3.7.0-7.el8ost	RHBA-2020:3148
python3-XStatic-jQuery224	2.2.4.1-2.el8ost	RHBA-2020:3148
python3-XStatic-jquery-ui	1.12.0.1-5.el8ost	RHBA-2020:3148
python3-XStatic-mdi	1.4.57.0-9.el8ost	RHBA-2020:3148
python3-XStatic-objectpath	1.2.1.0-2.el8ost	RHBA-2020:3148
python3-XStatic-roboto-fontface	0.5.0.0-9.el8ost	RHBA-2020:3148
python3-XStatic-smart-table	1.4.13.2-5.el8ost	RHBA-2020:3148
python3-XStatic-termjs	0.0.7.0-5.el8ost	RHBA-2020:3148
python3-XStatic-tv4	1.2.7.0-1.el8ost	RHBA-2020:3148
python3-adal	1.2.0-2.el8ost	RHBA-2020:3148
python3-alembic	1.0.7-1.el8ost	RHBA-2020:3148
python3-amqp	2.4.1-1.el8ost	RHBA-2020:3148
python3-aniso8601	0.82-4.el8ost	RHBA-2020:3148
python3-ansible-runner	1.2.0-2.el8ost	RHBA-2020:3148
python3-anyjson	0.3.3-8.1.el8ost	RHBA-2020:3148
python3-aodh	9.0.1- 0.20200310230739.5415b96.el8 ost	RHBA-2020:3148
python3-aodhclient	1.3.0- 0.20200310191649.a8651ec.el8os t	RHBA-2020:3148
python3-appdirs	1.4.0-7.el8ost	RHBA-2020:3148

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python3-autobahn	19.1.1-1.el8ost	RHBA-2020:3148
python3-automaton	1.17.0-0.20200310173540.5e82feb.el8ost	RHBA-2020:3148
python3-barbican	9.0.1-0.20200311002840.07be198.el8ost	RHBA-2020:3148
python3-barbican-tests-tempest	0.3.0-0.20200311014903.a226433.el8ost	RHBA-2020:3148
python3-barbicanclient	4.9.0-0.20200310163800.9c0e02d.el8ost	RHBA-2020:3148
python3-bcrypt	3.1.6-2.el8ost	RHBA-2020:3148
python3-beautifulsoup4	4.6.0-1.el8ost	RHBA-2020:3148
python3-boto	2.45.0-7.el8ost	RHBA-2020:3148
python3-boto3	1.9.101-1.el8ost	RHBA-2020:3148
python3-botocore	1.12.119-1.el8ost	RHBA-2020:3148
python3-cachetools	3.1.0-1.el8ost	RHBA-2020:3148
python3-castellan	1.3.2-0.20200511063420.193b4a2.el8ost	RHBA-2020:3148
python3-ceilometer	13.1.1-0.20200417043416.cad356b.el8ost	RHBA-2020:3148
python3-ceilometermiddleware	1.5.0-0.20200310211118.fc21cde.el8ost	RHBA-2020:3148
python3-certifi	2018.10.15-4.el8ost	RHBA-2020:3148
python3-cinder	15.2.1-0.20200611113514.062104e.el8ost	RHBA-2020:3148

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python3-cinder-tests-tempest	0.3.1-0.20200311012831.6f0b4fc.el8ost	RHBA-2020:3148
python3-cinderclient	5.0.1-0.20200326130221.8fa0882.el8ost	RHBA-2020:3148
python3-cinderlib	1.0.1-0.20200311113242.199ebd4.el8ost	RHBA-2020:3148
python3-cinderlib-tests-functional	1.0.1-0.20200311113242.199ebd4.el8ost	RHBA-2020:3148
python3-cliff	2.16.0-0.20200225112317.6b6b186.el8ost	RHBA-2020:3148
python3-cmd2	0.6.8-10.el8ost	RHBA-2020:3148
python3-collectd-gnocchi	1.7.2-0.20200310225001.de115a7.el8ost	RHBA-2020:3148
python3-collectd-rabbitmq-monitoring	0.0.6-3.el8ost	RHBA-2020:3148
python3-colorama	0.4.1-1.el8ost	RHBA-2020:3148
python3-construct	2.8.10-2.el8ost	RHBA-2020:3148
python3-contextlib2	0.5.5-8.el8ost	RHBA-2020:3148
python3-cotyledon	1.7.3-4.el8ost	RHBA-2020:3148
python3-cradox	2.1.0-3.el8ost	RHBA-2020:3148
python3-croniter	0.3.27-1.el8ost	RHBA-2020:3148
python3-crypto	2.6.1-18.el8ost	RHBA-2020:3148
python3-cursive	0.2.2-0.20200310191346.d7cea1f.el8ost	RHBA-2020:3148
python3-cycler	0.10.0-7.el8ost	RHBA-2020:3148
python3-daemon	2.1.2-9.el8ost	RHBA-2020:3148

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python3-daiquiri	1.5.0-2.el8ost	RHBA-2020:3148
python3-dateutil	2.8.0-1.el8ost	RHBA-2020:3148
python3-ddt	1.2.0-2.el8ost	RHBA-2020:3148
python3-debtcollector	1.22.0-0.20200310210206.0be4911.el8ost	RHBA-2020:3148
python3-defusedxml	0.5.0-2.el8ost	RHBA-2020:3148
python3-designate	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148
python3-designate-tests-tempest	0.7.0-0.20200311015920.1096ab9.el8ost	RHBA-2020:3148
python3-designateclient	3.0.0-0.20200310184009.093d8d7.el8ost	RHBA-2020:3148
python3-dictdiffer	0.7.1-2.el8ost	RHBA-2020:3148
python3-django-appconf	1.0.1-5.el8ost	RHBA-2020:3148
python3-django-compressor	2.2-4.el8ost	RHBA-2020:3148
python3-django-debreach	1.5.2-1.el8ost	RHBA-2020:3148
python3-django-horizon	16.1.1-0.20200603093454.fa83951.el8ost	RHBA-2020:3148
python3-django-pyscss	2.0.2-11.el8ost	RHBA-2020:3148
python3-django20	2.0.13-2.el8ost	RHBA-2020:3148
python3-dogpile-cache	0.6.8-1.el8ost	RHBA-2020:3148
python3-dracclient	3.2.1-0.20200413101209.b5db9d8.el8ost	RHBA-2020:3148

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python3-ec2-api	9.0.1-0.20200310231226.fb16aa4.el8ost	RHBA-2020:3148
python3-editor	0.4-5.el8ost	RHBA-2020:3148
python3-etcd3gw	0.2.5-1.el8ost	RHBA-2020:3148
python3-eventlet	0.25.1-1.1.el8ost	RHBA-2020:3148
python3-extras	1.0.0-5.el8ost	RHBA-2020:3148
python3-falcon	1.4.1-6.el8ost	RHBA-2020:3148
python3-fasteners	0.14.1-15.el8ost	RHBA-2020:3148
python3-fixtures	3.0.0-8.el8ost	RHBA-2020:3148
python3-flake8	3.5.0-6.el8ost	RHBA-2020:3148
python3-flask	1.0.2-2.el8ost	RHBA-2020:3148
python3-flask-restful	0.3.6-8.el8ost	RHBA-2020:3148
python3-funcsigs	1.0.2-3.el8ost	RHBA-2020:3148
python3-future	0.16.0-6.el8ost	RHBA-2020:3148
python3-futurist	1.9.0-0.20200225102600.25ffb8f.el8ost	RHBA-2020:3148
python3-gabbi	1.42.1-3.el8ost	RHBA-2020:3148
python3-gitdb	2.0.3-6.el8ost	RHBA-2020:3148
python3-glance	19.0.3-0.20200421223423.3e16bc7.el8ost	RHBA-2020:3148
python3-glance-store	1.0.2-0.20200511193428.a622766.el8ost	RHBA-2020:3148

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python3-glanceclient	2.17.0-0.20200422213417.40c19aa.el8ost	RHBA-2020:3148
python3-gnocchi	4.3.5-0.20200310232918.8cbc9ee.el8ost	RHBA-2020:3148
python3-gnocchiclient	7.0.4-0.20200310205157.64814b9.el8ost	RHBA-2020:3148
python3-google-auth	1.3.0-1.el8ost	RHBA-2020:3148
python3-greenlet	0.4.14-5.el8ost	RHBA-2020:3148
python3-gunicorn	19.9.0-5.el8ost	RHBA-2020:3148
python3-hardware	0.23.0-0.20200310212452.59211cc.el8ost	RHBA-2020:3148
python3-hardware-detect	0.23.0-0.20200310212452.59211cc.el8ost	RHBA-2020:3148
python3-heat-agent	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-ansible	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-apply-config	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-docker-cmd	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-hiera	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-json-file	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148

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python3-heat-agent-puppet	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-tests-tempest	0.4.0-0.20200311090104.e4d6583.el8ost	RHBA-2020:3148
python3-heatclient	1.18.0-0.20200310192511.eca1637.el8ost	RHBA-2020:3148
python3-horizon-tests-tempest	0.2.0-0.20200311013845.730608b.el8ost	RHBA-2020:3148
python3-ironic-inspector-client	3.7.1-0.20200522054325.3a41127.el8ost	RHBA-2020:3148
python3-ironic-lib	2.21.1-0.20200522053424.5ffc447.el8ost	RHBA-2020:3148
python3-ironic-neutron-agent	1.4.1-0.20200311111220.d0d3c45.el8ost	RHBA-2020:3148
python3-ironic-prometheus-exporter	0.0.1-0.20190712090404.f7e9344.el8ost	RHBA-2020:3148
python3-ironic-python-agent	5.0.2-0.20200521164433.7bad00c.el8ost	RHBA-2020:3148
python3-ironic-tests-tempest	1.5.1-0.20200311010751.11b8aac.el8ost	RHBA-2020:3148
python3-ironicclient	3.1.2-0.20200522053422.1220d76.el8ost	RHBA-2020:3148
python3-iso8601	0.1.11-9.el8ost	RHBA-2020:3148
python3-json-logger	0.1.7-2.el8ost	RHBA-2020:3148
python3-jsonpath-rw	1.2.3-3.el8ost	RHBA-2020:3148
python3-jsonpath-rw-ext	1.0.0-2.el8ost	RHBA-2020:3148

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python3-junitxml	0.7-17.el8ost	RHBA-2020:3148
python3-kazoo	2.2.1-2.el8ost	RHBA-2020:3148
python3-kerberos	1.2.5-8.el8ost	RHBA-2020:3148
python3-keyring	17.1.1-1.el8ost	RHBA-2020:3148
python3-keystone	16.0.2-0.20200520004147.b74e95c.el8ost	RHBA-2020:3148
python3-keystone-tests-tempest	0.3.0-0.20200311014651.806103f.el8ost	RHBA-2020:3148
python3-keystoneauth1	3.17.2-0.20200311105451.1d5f572.el8ost	RHBA-2020:3148
python3-keystoneclient	3.21.0-0.20200225105518.79f150f.el8ost	RHBA-2020:3148
python3-keystonemiddleware	7.0.1-0.20200225105651.0a65b14.el8ost	RHBA-2020:3148
python3-kiwisolver	1.0.1-3.el8ost	RHBA-2020:3148
python3-kombu	4.2.2-1.el8ost	RHBA-2020:3148
python3-kubernetes	8.0.0-6.el8ost	RHBA-2020:3148
python3-kuryr-tests-tempest	0.5.0-0.20200311015704.2194649.el8ost	RHBA-2020:3148
python3-ldap3	2.4.1-5.el8ost	RHBA-2020:3148
python3-ldapool	2.4.0-2.el8ost	RHBA-2020:3148
python3-lesscpy	0.13.0-9.el8ost	RHBA-2020:3148
python3-linecache2	1.0.0-3.el8ost	RHBA-2020:3148

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python3-lockfile	0.11.0-9.el8ost	RHBA-2020:3148
python3-logutils	0.3.5-6.1.el8ost	RHBA-2020:3148
python3-lz4	2.1.2-3.el8ost	RHBA-2020:3148
python3-magnumclient	2.16.0-0.20200310221508.8106c5f.el8ost	RHBA-2020:3148
python3-manila	9.1.3-0.20200604223435.4cbfb04.el8ost	RHBA-2020:3148
python3-manila-tests-tempest	1.0.0-0.20200521153424.ce66f00.el8ost	RHBA-2020:3148
python3-manilaclient	1.29.0-0.20200310223441.1b2cafb.el8ost	RHBA-2020:3148
python3-markupsafe	1.1.0-2.el8ost	RHBA-2020:3148
python3-matplotlib	3.0.2-1.el8ost.4	RHBA-2020:3148
python3-matplotlib-data	3.0.2-1.el8ost.4	RHBA-2020:3148
python3-matplotlib-data-fonts	3.0.2-1.el8ost.4	RHBA-2020:3148
python3-mccabe	0.6.1-7.1.el8ost	RHBA-2020:3148
python3-memcached	1.58-8.el8ost	RHBA-2020:3148
python3-metalsmith	0.15.1-0.20200310212019.0afed74.el8ost	RHBA-2020:3148
python3-microversion-parse	0.2.1-0.20200310181506.ae5e3ce.el8ost	RHBA-2020:3148
python3-migrate	0.12.0-2.el8ost	RHBA-2020:3148
python3-mimeparse	1.6.0-5.el8ost	RHBA-2020:3148

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python3-mistral	9.1.0-0.20200423064323.3003917.el8ost	RHBA-2020:3148
python3-mistral-lib	1.2.1-0.20200310221908.4bac2b2.el8ost	RHBA-2020:3148
python3-mistral-tests-tempest	0.3.0-0.20200311011704.3c3a6cc.el8ost	RHBA-2020:3148
python3-mistralclient	3.10.0-0.20200310211536.dc246bf.el8ost	RHBA-2020:3148
python3-mock	3.0.5-1.el8ost	RHBA-2020:3148
python3-monotonic	1.5-2.el8ost	RHBA-2020:3148
python3-more-itertools	4.1.0-2.el8ost	RHBA-2020:3148
python3-mox3	0.28.0-0.20200221143653.0a1e5b9.el8ost	RHBA-2020:3148
python3-msgpack	0.6.1-3.el8ost	RHBA-2020:3148
python3-munch	2.2.0-3.el8ost	RHBA-2020:3148
python3-netifaces	0.10.9-2.el8ost	RHBA-2020:3148
python3-network-runner	0.1.7-3.el8ost	RHBA-2020:3148
python3-networking-ansible	3.0.1-0.20200312083455.e24d01c.el8ost	RHBA-2020:3148
python3-networking-baremetal	1.4.1-0.2020031111220.d0d3c45.el8ost	RHBA-2020:3148
python3-networking-bgpvpn	11.0.2-0.20200311173719.909ade0.el8ost	RHBA-2020:3148

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python3-networking-bgpvpn-dashboard	11.0.2-0.20200311173719.909ade0.el8ost	RHBA-2020:3148
python3-networking-bgpvpn-heat	11.0.2-0.20200311173719.909ade0.el8ost	RHBA-2020:3148
python3-networking-bigswitch	12.0.3-0.20200425223424.c3b82e5.el8ost	RHBA-2020:3148
python3-networking-fujitsu	8.0.1-0.20191213120215.1aafc66.el8ost	RHBA-2020:3148
python3-networking-l2gw	15.0.1-0.20200311171400.0de2604.el8ost	RHBA-2020:3148
python3-networking-l2gw-tests-tempest	0.11-0.20200311072004.a3af33b.el8ost	RHBA-2020:3148
python3-networking-ovn	7.2.1-0.20200611111150.18fabca.el8ost	RHBA-2020:3148
python3-networking-ovn-metadata-agent	7.2.1-0.20200611111150.18fabca.el8ost	RHBA-2020:3148
python3-networking-ovn-migration-tool	7.2.1-0.20200611111150.18fabca.el8ost	RHBA-2020:3148
python3-networking-sfc	9.0.1-0.20200311112650.89b4e00.el8ost	RHBA-2020:3148
python3-networking-vmware-nsx	15.0.1-0.20200611104550.828ebac.el8ost	RHBA-2020:3148
python3-neutron	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
python3-neutron-dynamic-routing	15.0.1-0.20200513163420.5300489.el8ost	RHBA-2020:3148

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python3-neutron-lib	1.29.1-0.20200310214054.4ef4b71.el8ost	RHBA-2020:3148
python3-neutron-lib-tests	1.29.1-0.20200310214054.4ef4b71.el8ost	RHBA-2020:3148
python3-neutron-tests-tempest	0.9.0-0.20200323103433.15c85f6.el8ost	RHBA-2020:3148
python3-neutronclient	6.14.0-0.20200310192910.115f60f.el8ost	RHBA-2020:3148
python3-nova	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
python3-novaclient	15.1.0-0.20200310162625.cd396b8.el8ost	RHBA-2020:3148
python3-novajoin	1.3.0-0.20200310222422.265146e.el8ost	RHBA-2020:3148
python3-novajoin-tests-tempest	0.0.1-0.20200605163606.c8a180f.el8ost	RHBA-2020:3148
python3-numexpr	2.6.1-4.el8ost	RHBA-2020:3148
python3-numpy	1.15.1-2.2.el8ost	RHBA-2020:3148
python3-numpy-f2py	1.15.1-2.2.el8ost	RHBA-2020:3148
python3-octavia	5.0.2-0.20200526173428.09e863e.el8ost	RHBA-2020:3148
python3-octavia-lib	1.4.0-0.20200310200448.cec8b19.el8ost	RHBA-2020:3148
python3-octavia-tests-tempest	1.3.0-0.20200527113421.0ae7f10.el8ost	RHBA-2020:3148

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python3-octavia-tests-tempest-golang	1.3.0-0.20200527113421.0ae7f10.el8ost	RHBA-2020:3148
python3-octaviaclient	1.10.0-0.20200310221050.0e00a90.el8ost	RHBA-2020:3148
python3-openshift	0.8.1-1.el8ost	RHBA-2020:3148
python3-openstackclient	4.0.0-0.20200310193636.aa64eb6.el8ost	RHBA-2020:3148
python3-openstacksdk	0.36.3-0.20200424135113.c07350e.el8ost	RHBA-2020:3148
python3-os-brick	2.10.3-0.20200605063441.55fc998.el8ost	RHBA-2020:3148
python3-os-client-config	1.33.0-0.20200310171613.d0eea17.el8ost	RHBA-2020:3148
python3-os-ken	0.4.1-0.20200424093429.8f7851a.el8ost	RHBA-2020:3148
python3-os-resource-classes	0.5.0-0.20200310204648.0dd643b.el8ost	RHBA-2020:3148
python3-os-service-types	1.7.0-0.20200225085439.0b2f473.el8ost	RHBA-2020:3148
python3-os-testr	1.1.0-0.20200225113630.414bbf6.el8ost	RHBA-2020:3148
python3-os-traits	0.16.0-0.20200310195812.5a477b8.el8ost	RHBA-2020:3148
python3-os-vif	1.17.0-0.20200310214434.3a08cc4.el8ost	RHBA-2020:3148

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python3-os-win	4.3.2-0.20200310172801.c5450ed.el8ost	RHBA-2020:3148
python3-os-xenapi	0.3.4-0.20200310224601.12c68d0.el8ost	RHBA-2020:3148
python3-osc-lib	1.14.1-0.20200310175859.a0d9746.el8ost	RHBA-2020:3148
python3-osc-placement	1.7.0-0.20200310215449.8bbca01.el8ost	RHBA-2020:3148
python3-oslo-cache	1.37.0-0.20200225103049.f67262f.el8ost	RHBA-2020:3148
python3-oslo-concurrency	3.30.0-0.20200225090342.610df38.el8ost	RHBA-2020:3148
python3-oslo-config	6.11.2-0.20200221150642.22c286c.el8ost	RHBA-2020:3148
python3-oslo-context	2.23.1-0.20200611105515.ab17aef.el8ost	RHBA-2020:3148
python3-oslo-db	5.0.2-0.20200225090546.fb40cdb.el8ost	RHBA-2020:3148
python3-oslo-i18n	3.24.0-0.20200221144708.91b39bb.el8ost	RHBA-2020:3148
python3-oslo-log	3.44.3-0.20200611110222.e19c407.el8ost	RHBA-2020:3148
python3-oslo-messaging	10.2.0-0.20200225104634.b7e9faf.el8ost	RHBA-2020:3148

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python3-oslo-middleware	3.38.1-0.20200225095528.9bae80e.el8ost	RHBA-2020:3148
python3-oslo-policy	2.3.3-0.20200310162846.b7b9930.el8ost	RHBA-2020:3148
python3-oslo-privsep	1.33.3-0.20200310175027.ddde706.el8ost	RHBA-2020:3148
python3-oslo-reports	1.30.0-0.20200225093814.cf35fec.el8ost	RHBA-2020:3148
python3-oslo-rootwrap	5.16.1-0.20200603173434.c6babc7.el8ost	RHBA-2020:3148
python3-oslo-serialization	2.29.2-0.20200225092603.fa399b6.el8ost	RHBA-2020:3148
python3-oslo-service	1.40.2-0.20200225103516.a7621c8.el8ost	RHBA-2020:3148
python3-oslo-upgradecheck	0.3.2-0.20200424133424.e1df576.el8ost	RHBA-2020:3148
python3-oslo-utils	3.41.5-0.20200311110302.85cd57d.el8ost	RHBA-2020:3148
python3-oslo-versionedobjects	1.36.1-0.20200310170354.14ee7e0.el8ost	RHBA-2020:3148
python3-oslo-vmware	2.34.1-0.20200310171543.c592465.el8ost	RHBA-2020:3148
python3-oslotest	3.8.1-0.20200221144603.7ad16de.el8ost	RHBA-2020:3148

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python3-osprofiler	2.8.2-0.20200310173712.d431c7a.el8ost	RHBA-2020:3148
python3-ovirt-engine-sdk4	4.2.9-4.el8ost	RHBA-2020:3148
python3-ovsdbapp	0.17.3-0.20200528074611.9bb0eee.el8ost	RHBA-2020:3148
python3-pandas	0.23.4-4.el8ost	RHBA-2020:3148
python3-panko	7.0.1-0.20191017041322.9b551e7.el8ost	RHBA-2020:3148
python3-pankoclient	0.5.0-0.20191010210258.572aee9.el8ost	RHBA-2020:3148
python3-paramiko	2.4.2-2.el8ost	RHBA-2020:3148
python3-passlib	1.7.0-5.el8ost	RHBA-2020:3148
python3-paste	2.0.3-6.el8ost	RHBA-2020:3148
python3-paste-deploy	15.2-13.el8ost	RHBA-2020:3148
python3-patrole-tests-tempest	0.7.0-0.20200310235617.a5068ba.el8ost	RHBA-2020:3148
python3-paunch	5.3.3-0.20200527083422.16ae5e4.el8ost	RHBA-2020:3148
python3-pbr	5.1.2-2.el8ost	RHBA-2020:3148
python3-pecan	1.3.2-3.el8ost	RHBA-2020:3148
python3-pexpect	4.6-2.el8ost	RHBA-2020:3148
python3-pint	0.9-1.el8ost	RHBA-2020:3148
python3-placement	2.0.0-0.20200311000650.36beddb.el8ost	RHBA-2020:3148

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python3-pluggy	0.8.1-1.el8ost	RHBA-2020:3148
python3-posix_ipc	0.9.8-20.el8ost	RHBA-2020:3148
python3-proliantutils	2.9.1-0.20200427163428.28291c6.el8ost	RHBA-2020:3148
python3-prometheus_client	0.6.0-1.el8ost	RHBA-2020:3148
python3-protobuf	3.6.1-4.el8ost	RHBA-2020:3148
python3-psutil	5.6.3-1.el8ost	RHBA-2020:3148
python3-pycadf	2.10.0-0.20200225093612.d113c15.el8ost	RHBA-2020:3148
python3-pycodestyle	2.4.0-3.1.el8ost	RHBA-2020:3148
python3-pyeclib	15.0-5.el8ost	RHBA-2020:3148
python3-pyflakes	2.0.0-7.el8ost	RHBA-2020:3148
python3-pyghmi	1.0.22-3.el8ost	RHBA-2020:3148
python3-pynacl	1.3.0-1.el8ost	RHBA-2020:3148
python3-pyngus	2.3.0-1.el8ost	RHBA-2020:3148
python3-pyparsing	2.3.1-1.el8ost	RHBA-2020:3148
python3-pyrabbit2	1.0.6-2.el8ost	RHBA-2020:3148
python3-pyroute2	0.5.6-1.el8ost	RHBA-2020:3148
python3-pysaml2	4.6.5-1.el8ost	RHBA-2020:3148
python3-pysendfile	2.0.1-13.el8ost	RHBA-2020:3148
python3-pysnmp	4.4.8-2.el8ost	RHBA-2020:3148
python3-pystache	0.5.3-3.el8ost	RHBA-2020:3148
python3-pytest	3.5.1-1.el8ost	RHBA-2020:3148

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python3-pytimeparse	1.1.5-2.1.el8ost	RHBA-2020:3148
python3-pyxattr	0.5.3-19.el8ost	RHBA-2020:3148
python3-qpuid-proton	0.29.0-4.el8	RHBA-2020:3148
python3-rcssmin	1.0.6-4.el8ost	RHBA-2020:3148
python3-redis	3.1.0-1.el8ost	RHBA-2020:3148
python3-repoze-lru	0.4-9.el8ost	RHBA-2020:3148
python3-requests-kerberos	0.8.0-4.el8ost	RHBA-2020:3148
python3-requestsexceptions	1.4.0-0.20200225113445.d7ac0ff.el8ost	RHBA-2020:3148
python3-retrying	1.2.3-5.el8ost	RHBA-2020:3148
python3-rfc3986	1.2.0-2.el8ost	RHBA-2020:3148
python3-rhosp-openvswitch	2.13-8.el8ost	RHBA-2020:3148
python3-rjsmin	1.0.12-5.el8ost	RHBA-2020:3148
python3-routes	2.4.1-2.el8ost	RHBA-2020:3148
python3-rsa	3.4.2-9.el8ost	RHBA-2020:3148
python3-rsd-lib	1.1.0-0.20200310223745.6e1ba65.el8ost	RHBA-2020:3148
python3-rsdclient	0.2.0-0.20200310225718.c46c7ac.el8ost	RHBA-2020:3148
python3-ruamel-yaml	0.15.41-4.el8ost	RHBA-2020:3148
python3-s3transfer	0.2.0-1.el8ost	RHBA-2020:3148
python3-saharaclient	2.3.0-0.20200310205557.3107b45.el8ost	RHBA-2020:3148

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python3-scciclient	0.8.2-0.20200310204147.3e595d8.el8ost	RHBA-2020:3148
python3-scrypt	0.8.0-4.el8ost	RHBA-2020:3148
python3-scss	1.3.4-9.el8ost	RHBA-2020:3148
python3-setproctitle	1.1.10-16.el8ost	RHBA-2020:3148
python3-shade	1.32.0-0.20200310210513.47fe056.el8ost	RHBA-2020:3148
python3-simplegeneric	0.8-8.el8ost	RHBA-2020:3148
python3-simplejson	3.16.0-3.el8ost	RHBA-2020:3148
python3-six	1.12.0-1.el8ost	RHBA-2020:3148
python3-smmmap	2.0.3-5.el8ost	RHBA-2020:3148
python3-snappy	0.5-10.1.el8ost	RHBA-2020:3148
python3-sqlalchemy-collectd	0.0.6-1.el8ost	RHBA-2020:3148
python3-sqlalchemy-utils	0.32.12-8.el8ost	RHBA-2020:3148
python3-sqlparse	0.2.2-6.1.el8ost	RHBA-2020:3148
python3-statsd	3.2.1-6.el8ost	RHBA-2020:3148
python3-stestr	2.3.1-5.el8ost	RHBA-2020:3148
python3-stevedore	1.31.0-0.20200221143553.6817543.el8ost	RHBA-2020:3148
python3-string_utils	0.6.0-4.el8ost	RHBA-2020:3148
python3-subunit	1.4.0-1.el8ost	RHBA-2020:3148
python3-sushy	2.0.3-0.20200527173454.0241cd9.el8ost	RHBA-2020:3148

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python3-sushy-oem-idrac	0.0.3-0.20200407213434.6478da8.el8ost	RHBA-2020:3148
python3-swift	2.23.2-0.20200505123431.2e50b58.el8ost	RHBA-2020:3148
python3-swiftclient	3.8.1-0.20200225110806.72b90fe.el8ost	RHBA-2020:3148
python3-sysv_ipc	0.7.0-6.el8ost	RHBA-2020:3148
python3-tables	3.3.0-6.el8ost	RHBA-2020:3148
python3-tap-as-a-service	6.0.1-0.20200602113438.f2b0274.el8ost	RHBA-2020:3148
python3-taskflow	3.7.1-0.20200310182056.f0eae2c.el8ost	RHBA-2020:3148
python3-telemetry-tests-tempest	0.4.0-0.20200311090803.d60e6e2.el8ost	RHBA-2020:3148
python3-tempest	23.0.0-0.20200609093435.d432237.el8ost	RHBA-2020:3148
python3-tempest-tests	23.0.0-0.20200609093435.d432237.el8ost	RHBA-2020:3148
python3-tempestconf	2.4.0-0.20200330154105.6a616e5.el8ost	RHBA-2020:3148
python3-tempita	0.5.1-20.el8ost	RHBA-2020:3148
python3-tenacity	5.1.1-3.el8ost	RHBA-2020:3148
python3-testrepository	0.0.20-15.el8ost	RHBA-2020:3148
python3-testscenarios	0.5.0-9.el8ost	RHBA-2020:3148

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python3-testtools	2.3.0-8.el8ost	RHBA-2020:3148
python3-tinyrpc	0.5-4.20170523git1f38ac.el8ost	RHBA-2020:3148
python3-tooz	1.66.3-0.20200602080725.13a6dff.el8ost	RHBA-2020:3148
python3-traceback2	1.4.0-3.el8ost	RHBA-2020:3148
python3-tripleo-common	11.3.3-0.20200611110656.f7715be.el8ost	RHBA-2020:3148
python3-tripleo-common-tests-tempest	0.0.1-0.20200427153419.5bbfb13.el8ost	RHBA-2020:3148
python3-tripleoclient	12.3.2-0.20200615103427.6f877f6.el8ost	RHBA-2020:3148
python3-tripleoclient-heat-installer	12.3.2-0.20200615103427.6f877f6.el8ost	RHBA-2020:3148
python3-trollius	2.1-7.el8ost	RHBA-2020:3148
python3-troveclient	3.0.0-0.20200311000701.960843d.el8ost	RHBA-2020:3148
python3-twisted	16.4.1-12.el8ost	RHBA-2020:3148
python3-txaio	18.8.1-1.el8ost	RHBA-2020:3148
python3-ujson	2.0-0.1.20170206git2f1d487.el8ost.7	RHBA-2020:3148
python3-unittest2	1.1.0-17.el8ost	RHBA-2020:3148
python3-urllib-gssapi	1.0.1-10.el8ost	RHBA-2020:3148
python3-validations-libs	1.0.1-0.20200525133442.b5cc8df.el8ost	RHBA-2020:3148
python3-versiontools	1.9.1-9.el8ost	RHBA-2020:3148

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python3-vine	1.2.0-2.el8ost	RHBA-2020:3148
python3-vmware-nxlib	15.0.3-0.20200611103448.1c11a9d.el8ost	RHBA-2020:3148
python3-voluptuous	0.10.5-5.el8ost	RHBA-2020:3148
python3-waitress	1.4.2-1.el8ost	RHBA-2020:3148
python3-warlock	1.3.0-9.el8ost	RHBA-2020:3148
python3-webob	1.8.5-1.el8ost	RHBA-2020:3148
python3-websocket-client	0.54.0-1.el8ost	RHBA-2020:3148
python3-websockify	0.8.0-11.el8ost	RHBA-2020:3148
python3-webtest	2.0.29-4.el8ost	RHBA-2020:3148
python3-werkzeug	0.14.1-5.el8ost	RHBA-2020:3148
python3-wrapt	1.11.1-2.el8ost	RHBA-2020:3148
python3-wsaccel	0.6.2-10.el8ost	RHBA-2020:3148
python3-wsgi_intercept	1.2.2-2.el8ost	RHBA-2020:3148
python3-wsme	0.9.4-0.20200310165012.bff9624.el8ost	RHBA-2020:3148
python3-yappi	1.0-2.el8ost	RHBA-2020:3148
python3-yaql	1.1.3-3.el8ost	RHBA-2020:3148
python3-zake	0.2.2-14.el8ost	RHBA-2020:3148
python3-zaqar-tests-tempest	0.3.0-0.20200311010859.f6211b4.el8ost	RHBA-2020:3148
python3-zaqarclient	1.12.0-0.20200310200831.9038bf6.el8ost	RHBA-2020:3148
python3-zeroconf	0.19.1-5.el8ost	RHBA-2020:3148

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python3-zope-event	4.2.0-8.2.el8ost	RHBA-2020:3148
python3-zope-interface	4.4.3-2.el8ost	RHBA-2020:3148
qpid-dispatch-router	1.8.0-2.el8	RHBA-2020:3148
qpid-dispatch-tools	1.8.0-2.el8	RHBA-2020:3148
qpid-proton-c	0.29.0-4.el8	RHBA-2020:3148
rabbitmq-server	3.7.23-2.el8ost	RHBA-2020:3148
rhosp-director-images	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-director-images-all	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-director-images-ipa	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-director-images-ipa-ppc64le	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-director-images-ipa-x86_64	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-director-images-minimal	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-director-images-ppc64le	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-director-images-x86_64	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-openvswitch	2.13-8.el8ost	RHBA-2020:3148
rhosp-ovn	2.13-8.el8ost	RHBA-2020:3148
rhosp-ovn-host	2.13-8.el8ost	RHBA-2020:3148
rhosp-ovn-vtep	2.13-8.el8ost	RHBA-2020:3148
rhosp-release	16.1.0-3.el8ost	RHBA-2020:3148
roboto-fontface-common	0.5.0.0-9.el8ost	RHBA-2020:3148
roboto-fontface-fonts	0.5.0.0-9.el8ost	RHBA-2020:3148
ruby-augeas	0.5.0-3.el8ost	RHBA-2020:3148

Name	Version	Advisory
ruby-facter	3.9.3-9.el8ost	RHBA-2020:3148
ruby-shadow	2.5.0-3.el8ost	RHBA-2020:3148
rubygem-pathspect	0.2.1-4.el8ost	RHBA-2020:3148
rubygem-rngen	0.6.6-2.1.el8ost	RHBA-2020:3148
subunit-filters	1.4.0-1.el8ost	RHBA-2020:3148
sysbench	0.4.12-14.el8ost	RHBA-2020:3148
tripleo-ansible	0.5.1- 0.202006111113656.34b8fcc.el8ost	RHBA-2020:3148
validations-common	1.1.0- 0.20200514174739.8a3f7e7.el8o st	RHBA-2020:3148
web-assets-filesystem	5-7.el8ost	RHBA-2020:3148
web-assets-httpd	5-7.el8ost	RHBA-2020:3148
xstatic-angular-bootstrap-common	2.2.0.0-6.el8ost	RHBA-2020:3148
xstatic-angular-fileupload-common	12.0.4.0-10.el8ost	RHBA-2020:3148
xstatic-angular-gettext-common	2.3.8.0-2.el8ost	RHBA-2020:3148
xstatic-angular-lrdragndrop-common	1.0.2.2-12.el8ost	RHBA-2020:3148
xstatic-angular-schema-form-common	0.8.13.0-1.el8ost	RHBA-2020:3148
xstatic-angular-uuid-common	0.0.4.0-5.el8ost	RHBA-2020:3148
xstatic-angular-vis-common	4.16.0.0-2.el8ost	RHBA-2020:3148
xstatic-bootstrap-datepicker-common	1.3.1.0-12.el8ost	RHBA-2020:3148
xstatic-bootstrap-scss-common	3.3.7.1-6.el8ost	RHBA-2020:3148

Name	Version	Advisory
xstatic-d3-common	3.5.17.0-6.el8ost	RHBA-2020:3148
xstatic-filesaver-common	1.3.2.0-2.el8ost	RHBA-2020:3148
xstatic-hogan-common	2.0.0.2-13.el8ost	RHBA-2020:3148
xstatic-jasmine-common	2.4.1.1-5.el8ost	RHBA-2020:3148
xstatic-jquery-migrate-common	1.2.1.1-13.el8ost	RHBA-2020:3148
xstatic-jquery-quicksearch-common	2.0.3.1-13.el8ost	RHBA-2020:3148
xstatic-jquery-tablesorter-common	2.14.5.1-13.el8ost	RHBA-2020:3148
xstatic-jquery-ui-common	1.12.0.1-5.el8ost	RHBA-2020:3148
xstatic-js-yaml-common	3.8.1.0-3.el8ost	RHBA-2020:3148
xstatic-jsencrypt-common	2.3.1.1-5.el8ost	RHBA-2020:3148
xstatic-json2yaml-common	0.1.1.0-2.el8ost	RHBA-2020:3148
xstatic-objectpath-common	1.2.1.0-2.el8ost	RHBA-2020:3148
xstatic-rickshaw-common	1.5.0.0-15.el8ost	RHBA-2020:3148
xstatic-smart-table-common	1.4.13.2-5.el8ost	RHBA-2020:3148
xstatic-spin-common	1.2.5.2-14.el8ost	RHBA-2020:3148
xstatic-termjs-common	0.0.7.0-5.el8ost	RHBA-2020:3148
xstatic-tv4-common	1.2.7.0-1.el8ost	RHBA-2020:3148
yaml-cpp	0.6.1-8.el8ost	RHBA-2020:3148

2.8. RED HAT OPENSTACK PLATFORM 16.1 FOR RHEL 8 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-16.1-for-rhel-8-x86_64-rpms** repository.

Table 2.8. Red Hat OpenStack Platform 16.1 for RHEL 8 x86_64 (RPMs) Packages

Name	Version	Advisory
XStatic-Angular-common	1.5.8.0-6.el8ost	RHBA-2020:3148
XStatic-Magic-Search-common	0.2.5.1-8.el8ost	RHBA-2020:3148
ansible-config_template	1.1.1-0.20200604063431.91878d7.el8ost	RHBA-2020:3148
ansible-pacemaker	1.0.4-0.20200324105818.5847167.el8ost	RHBA-2020:3148
ansible-role-atos-hsm	0.1.1-0.20200318203421.1269408.el8ost	RHBA-2020:3148
ansible-role-chrony	1.0.2-0.20200311064420.03e7fbe.el8ost	RHBA-2020:3148
ansible-role-container-registry	1.1.1-0.20200311065947.7eca2dd.el8ost	RHBA-2020:3148
ansible-role-network-runner	0.1.7-3.el8ost	RHBA-2020:3148
ansible-role-openstack-ml2	3.0.1-0.20200312083455.e24d01c.el8ost	RHBA-2020:3148
ansible-role-openstack-operations	0.0.1-0.20200311080930.274739e.el8ost	RHBA-2020:3148
ansible-role-redhat-subscription	1.1.1-0.20200522204523.5f65ba4.el8ost	RHBA-2020:3148
ansible-role-thales-hsm	0.2.1-0.20200311074756.2803c6c.el8ost	RHBA-2020:3148
ansible-role-tripleo-modify-image	1.2.1-0.20200527233426.bc21900.el8ost	RHBA-2020:3148

Name	Version	Advisory
ansible-tripleo-ipa	0.2.1-0.20200611104546.c22fc8d.el8ost	RHBA-2020:3148
ansible-tripleo-ipsec	9.2.1-0.20200311073016.0c8693c.el8ost	RHBA-2020:3148
blosc	1.13.3-3.el8ost	RHBA-2020:3148
bootswatch-common	3.3.7.0-7.el8ost	RHBA-2020:3148
bootswatch-fonts	3.3.7.0-7.el8ost	RHBA-2020:3148
collectd	5.11.0-3.el8ost	RHBA-2020:3148
collectd-amqp1	5.11.0-3.el8ost	RHBA-2020:3148
collectd-connectivity	5.11.0-3.el8ost	RHBA-2020:3148
collectd-dbi	5.11.0-3.el8ost	RHBA-2020:3148
collectd-dpdk_telemetry	5.11.0-3.el8ost	RHBA-2020:3148
collectd-hugepages	5.11.0-3.el8ost	RHBA-2020:3148
collectd-mcelog	5.11.0-3.el8ost	RHBA-2020:3148
collectd-ovs-events	5.11.0-3.el8ost	RHBA-2020:3148
collectd-ovs-stats	5.11.0-3.el8ost	RHBA-2020:3148
collectd-pcie-errors	5.11.0-3.el8ost	RHBA-2020:3148
collectd-ping	5.11.0-3.el8ost	RHBA-2020:3148
collectd-pmu	5.11.0-3.el8ost	RHBA-2020:3148
collectd-procevent	5.11.0-3.el8ost	RHBA-2020:3148
collectd-python	5.11.0-3.el8ost	RHBA-2020:3148
collectd-rdt	5.11.0-3.el8ost	RHBA-2020:3148
collectd-sensubility	0.1.4-1.el8ost	RHBA-2020:3148

Name	Version	Advisory
collectd-snmp-agent	5.11.0-3.el8ost	RHBA-2020:3148
collectd-sysevent	5.11.0-3.el8ost	RHBA-2020:3148
collectd-turbostat	5.11.0-3.el8ost	RHBA-2020:3148
cpp-hocon	0.1.8-2.el8ost	RHBA-2020:3148
crudini	0.9-6.el8ost	RHBA-2020:3148
dib-utils	0.0.11-0.20200310232248.51661c3.el8ost	RHBA-2020:3148
dibbler-client	1.0.1-9.el8ost	RHBA-2020:3148
dibbler-relay	1.0.1-9.el8ost	RHBA-2020:3148
dibbler-requestor	1.0.1-9.el8ost	RHBA-2020:3148
dibbler-server	1.0.1-9.el8ost	RHBA-2020:3148
diskimage-builder	3.0.1-0.20200609103442.68017d0.el8ost	RHBA-2020:3148
dumb-init	1.1.3-18.el8ost	RHBA-2020:3148
elixir	1.9.1-1.el8ost	RHBA-2020:3148
erlang-asn1	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-compiler	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-crypto	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-eldap	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-erts	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-hipe	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-inets	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-kernel	21.3.8.16-1.el8ost	RHBA-2020:3148

Name	Version	Advisory
erlang-mnesia	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-os_mon	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-otp_mibs	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-parsetools	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-public_key	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-runtime_tools	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-sasl	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-sd_notify	1.0-7.el8ost	RHBA-2020:3148
erlang-snmp	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-ssl	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-stdlib	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-syntax_tools	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-tools	21.3.8.16-1.el8ost	RHBA-2020:3148
erlang-xmerl	21.3.8.16-1.el8ost	RHBA-2020:3148
etcd	3.2.21-2.el8ost	RHBA-2020:3148
facter	3.9.3-9.el8ost	RHBA-2020:3148
fontawesome-fonts	4.7.0-6.el8ost	RHBA-2020:3148
fontawesome-fonts-web	4.7.0-6.el8ost	RHBA-2020:3148
gnocchi-api	4.3.5-0.20200310232918.8cbc9ee.el8ost	RHBA-2020:3148
gnocchi-common	4.3.5-0.20200310232918.8cbc9ee.el8ost	RHBA-2020:3148

Name	Version	Advisory
gnocchi-metricd	4.3.5-0.20200310232918.8cbc9ee.el8ost	RHBA-2020:3148
gnocchi-statsd	4.3.5-0.20200310232918.8cbc9ee.el8ost	RHBA-2020:3148
golang-github-BurntSushi-toml-devel	0-0.10.git2ceedfe.1.el8ost	RHBA-2020:3148
golang-github-Sirupsen-logrus-devel	1.1.1-4.el8ost	RHBA-2020:3148
golang-github-davecgh-go-spew-devel	0-0.11.git6d21280.1.el8ost	RHBA-2020:3148
golang-github-golang-sys-devel	0-0.15.20181125git62eef0e.1.el8ost	RHBA-2020:3148
golang-github-pmezard-go-diffliib-devel	0-0.9.git792786c.1.el8ost	RHBA-2020:3148
golang-github-stretchr-objx-devel	0-0.12.git1a9d0bb.1.el8ost	RHBA-2020:3148
golang-github-stretchr-testify-devel	1.2.2-3.el8ost	RHBA-2020:3148
golang-github-urfave-cli-devel	1.20.0-3.el8ost	RHBA-2020:3148
golang-github-vbatts-tar-split	0.11.1-3.el8ost	RHBA-2020:3148
golang-golangorg-crypto-devel	0-0.14.20181125git3d3f9f4.1.el8ost	RHBA-2020:3148
golang-gopkg-check-devel	1-14.el8ost	RHBA-2020:3148
golang-gopkg-yaml-devel	1-16.el8ost	RHBA-2020:3148
golang-gopkg-yaml-devel-v2	1-16.el8ost	RHBA-2020:3148
hdf5	1.8.20-7.el8ost	RHBA-2020:3148
heat-cfnutils	1.4.2-6.el8ost	RHBA-2020:3148

Name	Version	Advisory
hiera	3.3.1-5.el8ost	RHBA-2020:3148
intel-cmt-cat	3.1.1-2.el8ost	RHBA-2020:3148
jevents	109-1.el8ost	RHBA-2020:3148
kuryr-binding-scripts	1.1.1-0.20200310222724.41e6964.el8ost	RHBA-2020:3148
leatherman	1.4.5-4.el8ost	RHBA-2020:3148
libdbi	0.9.0-10.el8ost	RHBA-2020:3148
liberasurecode	15.0-5.el8ost	RHBA-2020:3148
liboping	1.10.0-10.el8ost	RHBA-2020:3148
libqhull	2015.2-7.el8ost	RHBA-2020:3148
libsodium	1.0.16-4.5.el8ost	RHBA-2020:3148
libwebsockets	2.4.2-2.el8	RHBA-2020:3148
mdi-common	1.4.57.0-9.el8ost	RHBA-2020:3148
mdi-fonts	1.4.57.0-9.el8ost	RHBA-2020:3148
ndisc6	1.0.3-9.el8ost	RHBA-2020:3148
novnc	1.1.0-1.el8ost	RHBA-2020:3148
octavia-amphora-image-x86_64	16.1-20200722.1.el8ost	RHBA-2020:3200
openstack-aodh-api	9.0.1-0.20200310230739.5415b96.el8ost	RHBA-2020:3148
openstack-aodh-common	9.0.1-0.20200310230739.5415b96.el8ost	RHBA-2020:3148
openstack-aodh-compat	9.0.1-0.20200310230739.5415b96.el8ost	RHBA-2020:3148

Name	Version	Advisory
openstack-aodh-evaluator	9.0.1-0.20200310230739.5415b96.el8ost	RHBA-2020:3148
openstack-aodh-expirer	9.0.1-0.20200310230739.5415b96.el8ost	RHBA-2020:3148
openstack-aodh-listener	9.0.1-0.20200310230739.5415b96.el8ost	RHBA-2020:3148
openstack-aodh-notifier	9.0.1-0.20200310230739.5415b96.el8ost	RHBA-2020:3148
openstack-barbican	9.0.1-0.20200311002840.07be198.el8ost	RHBA-2020:3148
openstack-barbican-api	9.0.1-0.20200311002840.07be198.el8ost	RHBA-2020:3148
openstack-barbican-common	9.0.1-0.20200311002840.07be198.el8ost	RHBA-2020:3148
openstack-barbican-keystone-listener	9.0.1-0.20200311002840.07be198.el8ost	RHBA-2020:3148
openstack-barbican-worker	9.0.1-0.20200311002840.07be198.el8ost	RHBA-2020:3148
openstack-ceilometer-central	13.1.1-0.20200417043416.cad356b.el8ost	RHBA-2020:3148
openstack-ceilometer-common	13.1.1-0.20200417043416.cad356b.el8ost	RHBA-2020:3148
openstack-ceilometer-compute	13.1.1-0.20200417043416.cad356b.el8ost	RHBA-2020:3148

Name	Version	Advisory
openstack-ceilometer-ipmi	13.1.1-0.20200417043416.cad356b.el8ost	RHBA-2020:3148
openstack-ceilometer-notification	13.1.1-0.20200417043416.cad356b.el8ost	RHBA-2020:3148
openstack-ceilometer-polling	13.1.1-0.20200417043416.cad356b.el8ost	RHBA-2020:3148
openstack-cinder	15.2.1-0.20200611113514.062104e.el8ost	RHBA-2020:3148
openstack-dashboard	16.1.1-0.20200603093454.fa83951.el8ost	RHBA-2020:3148
openstack-dashboard-theme	16.0.2-1.el8ost	RHBA-2020:3148
openstack-designate-agent	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148
openstack-designate-api	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148
openstack-designate-central	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148
openstack-designate-common	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148
openstack-designate-mdns	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148
openstack-designate-producer	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148
openstack-designate-sink	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148

Name	Version	Advisory
openstack-designate-worker	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148
openstack-ec2-api	9.0.1-0.20200310231226.fb16aa4.el8ost	RHBA-2020:3148
openstack-glance	19.0.3-0.20200421223423.3e16bc7.el8ost	RHBA-2020:3148
openstack-heat-agents	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
openstack-heat-api	13.0.2-0.20200529053437.33972cc.el8ost	RHBA-2020:3148
openstack-heat-api-cfn	13.0.2-0.20200529053437.33972cc.el8ost	RHBA-2020:3148
openstack-heat-common	13.0.2-0.20200529053437.33972cc.el8ost	RHBA-2020:3148
openstack-heat-engine	13.0.2-0.20200529053437.33972cc.el8ost	RHBA-2020:3148
openstack-heat-monolith	13.0.2-0.20200529053437.33972cc.el8ost	RHBA-2020:3148
openstack-heat-ui	2.0.1-0.20200311003902.2719498.el8ost	RHBA-2020:3148
openstack-ironic-api	13.0.4-0.20200605173514.911bc51.el8ost	RHBA-2020:3148
openstack-ironic-common	13.0.4-0.20200605173514.911bc51.el8ost	RHBA-2020:3148
openstack-ironic-conductor	13.0.4-0.20200605173514.911bc51.el8ost	RHBA-2020:3148

Name	Version	Advisory
openstack-ironic-inspector	9.2.3-0.20200525133443.a1a08df.el8ost	RHBA-2020:3148
openstack-ironic-inspector-dnsmasq	9.2.3-0.20200525133443.a1a08df.el8ost	RHBA-2020:3148
openstack-ironic-python-agent	5.0.2-0.20200521164433.7bad00c.el8ost	RHBA-2020:3148
openstack-ironic-python-agent-builder	2.0.1-0.20200608173428.cb415ef.el8ost	RHBA-2020:3148
openstack-ironic-staging-drivers	0.12.1-0.20200526103911.b5a8aaf.el8ost	RHBA-2020:3148
openstack-ironic-ui	3.5.5-0.20200413100105.1f091c9.el8ost	RHBA-2020:3148
openstack-keystone	16.0.2-0.20200520004147.b74e95c.el8ost	RHBA-2020:3148
openstack-manila	9.1.3-0.20200604223435.4cbfb04.el8ost	RHBA-2020:3148
openstack-manila-share	9.1.3-0.20200604223435.4cbfb04.el8ost	RHBA-2020:3148
openstack-manila-ui	2.19.2-0.20200513113431.b1f62a0.el8ost	RHBA-2020:3148
openstack-mistral-all	9.1.0-0.20200423064323.3003917.el8ost	RHBA-2020:3148
openstack-mistral-api	9.1.0-0.20200423064323.3003917.el8ost	RHBA-2020:3148

Name	Version	Advisory
openstack-mistral-common	9.1.0-0.20200423064323.3003917.el8ost	RHBA-2020:3148
openstack-mistral-engine	9.1.0-0.20200423064323.3003917.el8ost	RHBA-2020:3148
openstack-mistral-event-engine	9.1.0-0.20200423064323.3003917.el8ost	RHBA-2020:3148
openstack-mistral-executor	9.1.0-0.20200423064323.3003917.el8ost	RHBA-2020:3148
openstack-mistral-notifier	9.1.0-0.20200423064323.3003917.el8ost	RHBA-2020:3148
openstack-neutron	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
openstack-neutron-bgp-dragent	15.0.1-0.20200513163420.5300489.el8ost	RHBA-2020:3148
openstack-neutron-bigswitch-agent	12.0.3-0.20200425223424.c3b82e5.el8ost	RHBA-2020:3148
openstack-neutron-common	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
openstack-neutron-dynamic-routing-common	15.0.1-0.20200513163420.5300489.el8ost	RHBA-2020:3148
openstack-neutron-l2gw-agent	15.0.1-0.20200311171400.0de2604.el8ost	RHBA-2020:3148
openstack-neutron-linuxbridge	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
openstack-neutron-macvtap-agent	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148

Name	Version	Advisory
openstack-neutron-metering-agent	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
openstack-neutron-ml2	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
openstack-neutron-openvswitch	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
openstack-neutron-rpc-server	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
openstack-neutron-sriov-nic-agent	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
openstack-nova	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-api	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-common	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-compute	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-conductor	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-console	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-migration	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-novncproxy	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148

Name	Version	Advisory
openstack-nova-scheduler	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-serialproxy	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-nova-spicehtml5proxy	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
openstack-octavia-amphora-agent	5.0.2-0.20200526173428.09e863e.el8ost	RHBA-2020:3148
openstack-octavia-api	5.0.2-0.20200526173428.09e863e.el8ost	RHBA-2020:3148
openstack-octavia-common	5.0.2-0.20200526173428.09e863e.el8ost	RHBA-2020:3148
openstack-octavia-diskimage-create	5.0.2-0.20200526173428.09e863e.el8ost	RHBA-2020:3148
openstack-octavia-health-manager	5.0.2-0.20200526173428.09e863e.el8ost	RHBA-2020:3148
openstack-octavia-housekeeping	5.0.2-0.20200526173428.09e863e.el8ost	RHBA-2020:3148
openstack-octavia-ui	4.0.1-0.20200420173427.7404468.el8ost	RHBA-2020:3148
openstack-octavia-worker	5.0.2-0.20200526173428.09e863e.el8ost	RHBA-2020:3148
openstack-panko-api	7.0.1-0.20191017041322.9b551e7.el8ost	RHBA-2020:3148

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openstack-panko-common	7.0.1-0.20191017041322.9b551e7.el8ost	RHBA-2020:3148
openstack-placement-api	2.0.0-0.20200311000650.36beddb.el8ost	RHBA-2020:3148
openstack-placement-common	2.0.0-0.20200311000650.36beddb.el8ost	RHBA-2020:3148
openstack-selinux	0.8.20-0.20200428133425.3300746.el8ost	RHBA-2020:3148
openstack-swift-account	2.23.2-0.20200505123431.2e50b58.el8ost	RHBA-2020:3148
openstack-swift-container	2.23.2-0.20200505123431.2e50b58.el8ost	RHBA-2020:3148
openstack-swift-object	2.23.2-0.20200505123431.2e50b58.el8ost	RHBA-2020:3148
openstack-swift-proxy	2.23.2-0.20200505123431.2e50b58.el8ost	RHBA-2020:3148
openstack-tempest	23.0.0-0.20200609093435.d432237.el8ost	RHBA-2020:3148
openstack-tempest-all	23.0.0-0.20200609093435.d432237.el8ost	RHBA-2020:3148
openstack-tripleo-common	11.3.3-0.20200611110656.f7715be.el8ost	RHBA-2020:3148
openstack-tripleo-common-container-base	11.3.3-0.20200611110656.f7715be.el8ost	RHBA-2020:3148
openstack-tripleo-common-containers	11.3.3-0.20200611110656.f7715be.el8ost	RHBA-2020:3148

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openstack-tripleo-common-devtools	11.3.3-0.20200611110656.f7715be.el8ost	RHBA-2020:3148
openstack-tripleo-heat-templates	11.3.2-0.20200616081532.396affd.el8ost	RHSA-2020:3199
openstack-tripleo-image-elements	10.6.2-0.20200528043425.7dc0fa1.el8ost	RHBA-2020:3148
openstack-tripleo-puppet-elements	11.2.2-0.20200527003426.226ce95.el8ost	RHBA-2020:3148
openstack-tripleo-validations	11.3.2-0.20200611115252.08f469d.el8ost	RHBA-2020:3148
openstack-zaqar	9.0.1-0.20200311021534.15a8ad7.el8ost	RHBA-2020:3148
os-apply-config	10.5.1-0.20200311030933.3c6e3cd.el8ost	RHBA-2020:3148
os-collect-config	10.5.2-0.20200520063441.5b8355d.el8ost	RHBA-2020:3148
os-net-config	11.3.2-0.20200521033427.b34a730.el8ost	RHBA-2020:3148
os-refresh-config	10.4.1-0.20200311085048.b5e8cc4.el8ost	RHBA-2020:3148
paunch-services	5.3.3-0.20200527083422.16ae5e4.el8ost	RHBA-2020:3148
plotnetcfg	0.4.1-12.el8ost	RHBA-2020:3148
pmu-tools	109-1.el8ost	RHBA-2020:3148
puppet	5.5.10-5.el8ost	RHBA-2020:3148

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puppet-aodh	15.4.1-0.20200403153434.ee25acb.el8ost	RHBA-2020:3148
puppet-apache	5.1.0-0.20200302055403.1fa9b1c.el8ost	RHBA-2020:3148
puppet-archive	4.2.1-0.20200311024142.0538163.el8ost	RHBA-2020:3148
puppet-auditd	2.2.1-0.20200311052158.189b22b.el8ost	RHBA-2020:3148
puppet-barbican	15.4.1-0.20200530093425.aa6afa0.el8ost	RHBA-2020:3148
puppet-cassandra	2.7.4-0.20200311053517.9954256.el8ost	RHBA-2020:3148
puppet-ceilometer	15.4.1-0.20200528143430.1f4f0c6.el8ost	RHBA-2020:3148
puppet-ceph	3.1.2-0.20200603075505.3b8ab1f.el8ost	RHBA-2020:3148
puppet-certmonger	2.4.0-0.20200311041659.a198870.el8ost	RHBA-2020:3148
puppet-cinder	15.4.1-0.20200513163422.d5721f9.el8ost	RHBA-2020:3148
puppet-collectd	12.0.0-0.20200604153617.4686e16.el8ost	RHBA-2020:3148
puppet-concat	6.1.0-0.20200311044815.9baa8fc.el8ost	RHBA-2020:3148

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puppet-contrail	1.0.1-0.20200311044522.6f87929.el8ost	RHBA-2020:3148
puppet-corosync	6.0.2-0.20200311030237.961add3.el8ost	RHBA-2020:3148
puppet-datacat	0.6.3-0.20200311035854.5cce8f2.el8ost	RHBA-2020:3148
puppet-designate	15.5.1-0.20200403143428.516c3c2.el8ost	RHBA-2020:3148
puppet-dns	6.2.1-0.20200311054955.2ae1cd7.el8ost	RHBA-2020:3148
puppet-ec2api	15.4.1-0.20200311083000.e38e26c.el8ost	RHBA-2020:3148
puppet-elasticsearch	6.4.0-0.20200311063502.725afd6.el8ost	RHBA-2020:3148
puppet-etcd	1.12.3-0.20200311034030.123d2af.el8ost	RHBA-2020:3148
puppet-fdio	18.2-0.20200311031201.6fd1c8e.el8ost	RHBA-2020:3148
puppet-firewall	2.1.0-0.20200311043540.4f4437a.el8ost	RHBA-2020:3148
puppet-git	0.5.0-0.20200311034154.4e4498e.el8ost	RHBA-2020:3148
puppet-glance	15.4.1-0.20200417213411.43f3d5e.el8ost	RHBA-2020:3148

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puppet-gnocchi	15.4.1-0.20200311095133.b462302.el8ost	RHBA-2020:3148
puppet-haproxy	4.1.0-0.20200311060011.df96ffc.el8ost	RHBA-2020:3148
puppet-headless	5.5.10-5.el8ost	RHBA-2020:3148
puppet-heat	15.4.1-0.20200403164329.3e42a11.el8ost	RHBA-2020:3148
puppet-horizon	15.4.1-0.20200604003425.dd78e01.el8ost	RHBA-2020:3148
puppet-inifile	3.1.0-0.20200311030014.91efced.el8ost	RHBA-2020:3148
puppet-ipaclient	2.5.2-0.20200311025102.b086731.el8ost	RHBA-2020:3148
puppet-ironic	15.4.1-0.20200527213445.ee3cb9f.el8ost	RHBA-2020:3148
puppet-java	5.0.1-0.20200311043855.e57cbc8.el8ost	RHBA-2020:3148
puppet-kafka	5.3.1-0.20200311060931.88aa866.el8ost	RHBA-2020:3148
puppet-keepalived	0.0.2-0.20200311052543.bbca37a.el8ost	RHBA-2020:3148
puppet-keystone	15.4.1-0.20200608233418.60532ba.el8ost	RHBA-2020:3148
puppet-kibana3	0.0.5-0.20200311063002.6ca9631.el8ost	RHBA-2020:3148

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puppet-kmod	2.3.1-0.20200311042626.41e2a2b.el8ost	RHBA-2020:3148
puppet-manila	15.4.1-0.20200403160104.e41b1b6.el8ost	RHBA-2020:3148
puppet-memcached	3.4.0-0.20200311053118.66d3a66.el8ost	RHBA-2020:3148
puppet-midonet	1.0.0-0.20200311064028.a8cecd1.el8ost	RHBA-2020:3148
puppet-mistral	15.4.1-0.20200311082723.c733b8a.el8ost	RHBA-2020:3148
puppet-module-data	0.5.1-0.20200311024412.28dafce.el8ost	RHBA-2020:3148
puppet-mysql	10.4.0-0.20200327184556.95f9b98.el8ost	RHBA-2020:3148
puppet-n1k-vsm	0.0.2-0.20200311062547.92401b8.el8ost	RHBA-2020:3148
puppet-neutron	15.5.1-0.20200514103419.0a45ec7.el8ost	RHBA-2020:3148
puppet-nova	15.5.1-0.20200608173427.c15e37c.el8ost	RHBA-2020:3148
puppet-nssdb	1.0.2-0.20200311034941.2ed2a2d.el8ost	RHBA-2020:3148
puppet-octavia	15.4.1-0.20200414073424.8bae62d.el8ost	RHBA-2020:3148

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puppet-opendaylight	8.4.3-0.20200311060632.bbe7ce5.el8ost	RHBA-2020:3148
puppet-openstack_extras	15.4.1-0.20200528113453.371931c.el8ost	RHBA-2020:3148
puppet-openstacklib	15.4.1-0.20200403203429.5fdf43c.el8ost	RHBA-2020:3148
puppet-oslo	15.4.1-0.20200528153547.185dec2.el8ost	RHBA-2020:3148
puppet-ovn	15.4.1-0.20200311045730.192ac4e.el8ost	RHBA-2020:3148
puppet-pacemaker	1.0.1-0.20200605143431.5ab1505.el8ost	RHBA-2020:3148
puppet-panko	15.4.1-0.20191014140134.49b7b3e.el8ost	RHBA-2020:3148
puppet-placement	2.4.1-0.20200608163451.8fef1a3.el8ost	RHBA-2020:3148
puppet-qdr	4.4.1-0.20200311045457.d141271.el8ost	RHBA-2020:3148
puppet-rabbitmq	10.0.0-0.20200311173112.9e74ded.el8ost	RHBA-2020:3148
puppet-redis	4.2.2-0.20200311042935.be8d097.el8ost	RHBA-2020:3148
puppet-remote	10.0.0-0.20200311035114.7420908.el8ost	RHBA-2020:3148

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puppet-rsync	1.1.1-0.20200311051620.a7d4f84.el8ost	RHBA-2020:3148
puppet-rsyslog	3.3.1-0.20200311112301.0c2b6c8.el8ost	RHBA-2020:3148
puppet-sahara	15.4.1-0.20200403143426.4918a93.el8ost	RHBA-2020:3148
puppet-server	5.5.10-5.el8ost	RHBA-2020:3148
puppet-snmp	3.9.1-0.20200311040720.5d73485.el8ost	RHBA-2020:3148
puppet-ssh	6.0.0-0.20200311054137.65570a3.el8ost	RHBA-2020:3148
puppet-staging	1.0.5-0.20200311022543.b466d93.el8ost	RHBA-2020:3148
puppet-stdlib	6.1.0-0.20200311023455.5aa891c.el8ost	RHBA-2020:3148
puppet-swift	15.4.1-0.20200524163422.cc79e4a.el8ost	RHBA-2020:3148
puppet-sysctl	0.0.13-0.20200311023226.a3d160d.el8ost	RHBA-2020:3148
puppet-systemd	2.6.0-0.20200311032116.f0ce6f0.el8ost	RHBA-2020:3148
puppet-timezone	5.1.1-0.20200311031951.21b4a58.el8ost	RHBA-2020:3148
puppet-tomcat	3.1.0-0.20200311055618.a3f92d1.el8ost	RHBA-2020:3148

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puppet-tripleo	11.5.0-0.20200616033427.8ff1c6a.el8ost	RHBA-2020:3148
puppet-trove	15.4.1-0.20200403145839.bddf0f9.el8ost	RHBA-2020:3148
puppet-vcsrepo	3.0.0-0.20200311033136.b06d5d3.el8ost	RHBA-2020:3148
puppet-veritas_hyperscale	1.0.0-0.20200311100738.7c7868a.el8ost	RHBA-2020:3148
puppet-vswitch	11.4.1-0.20200311050414.4fc423f.el8ost	RHBA-2020:3148
puppet-xinetd	3.3.0-0.20200311025328.d768da2.el8ost	RHBA-2020:3148
puppet-zaqar	15.4.1-0.20200311073944.88b97ec.el8ost	RHBA-2020:3148
puppet-zookeeper	0.9.0-0.20200311062048.5877cbf.el8ost	RHBA-2020:3148
python-django20-bash-completion	2.0.13-2.el8ost	RHBA-2020:3148
python-openstackclient-lang	4.0.0-0.20200310193636.aa64eb6.el8ost	RHBA-2020:3148
python-oslo-cache-lang	1.37.0-0.20200225103049.f67262f.el8ost	RHBA-2020:3148
python-oslo-concurrency-lang	3.30.0-0.20200225090342.610df38.el8ost	RHBA-2020:3148

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python-oslo-db-lang	5.0.2-0.20200225090546.fb40cdb.el8ost	RHBA-2020:3148
python-oslo-i18n-lang	3.24.0-0.20200221144708.91b39bb.el8ost	RHBA-2020:3148
python-oslo-log-lang	3.44.3-0.20200611110222.e19c407.el8ost	RHBA-2020:3148
python-oslo-middleware-lang	3.38.1-0.20200225095528.9bae80e.el8ost	RHBA-2020:3148
python-oslo-policy-lang	2.3.3-0.20200310162846.b7b9930.el8ost	RHBA-2020:3148
python-oslo-privsep-lang	1.33.3-0.20200310175027.ddde706.el8ost	RHBA-2020:3148
python-oslo-utils-lang	3.41.5-0.20200311110302.85cd57d.el8ost	RHBA-2020:3148
python-oslo-versionedobjects-lang	1.36.1-0.20200310170354.14ee7e0.el8ost	RHBA-2020:3148
python-oslo-vmware-lang	2.34.1-0.20200310171543.c592465.el8ost	RHBA-2020:3148
python-pycadf-common	2.10.0-0.20200225093612.d113c15.el8ost	RHBA-2020:3148
python3-Bottleneck	1.2.1-8.el8ost	RHBA-2020:3148
python3-Cython	0.29.2-2.el8ost	RHBA-2020:3148
python3-GitPython	2.1.11-2.el8ost	RHBA-2020:3148
python3-lmcSdk	0.9.6-2.el8ost	RHBA-2020:3148
python3-SecretStorage	2.3.1-7.el8ost	RHBA-2020:3148

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python3-XStatic	1.0.1-9.el8ost	RHBA-2020:3148
python3-XStatic-Angular	1.5.8.0-6.el8ost	RHBA-2020:3148
python3-XStatic-Angular-Bootstrap	2.2.0.0-6.el8ost	RHBA-2020:3148
python3-XStatic-Angular-FileUpload	12.0.4.0-10.el8ost	RHBA-2020:3148
python3-XStatic-Angular-Gettext	2.3.8.0-2.el8ost	RHBA-2020:3148
python3-XStatic-Angular-Schema-Form	0.8.13.0-1.el8ost	RHBA-2020:3148
python3-XStatic-Angular-UUID	0.0.4.0-5.el8ost	RHBA-2020:3148
python3-XStatic-Angular-Vis	4.16.0.0-2.el8ost	RHBA-2020:3148
python3-XStatic-Angular-lrdragndrop	1.0.2.2-12.el8ost	RHBA-2020:3148
python3-XStatic-Bootstrap-Datepicker	1.3.1.0-12.el8ost	RHBA-2020:3148
python3-XStatic-Bootstrap-SCSS	3.3.7.1-6.el8ost	RHBA-2020:3148
python3-XStatic-D3	3.5.17.0-6.el8ost	RHBA-2020:3148
python3-XStatic-FileSaver	1.3.2.0-2.el8ost	RHBA-2020:3148
python3-XStatic-Font-Awesome	4.7.0.0-6.el8ost	RHBA-2020:3148
python3-XStatic-Hogan	2.0.0.2-13.el8ost	RHBA-2020:3148
python3-XStatic-JQuery-Migrate	1.2.1.1-13.el8ost	RHBA-2020:3148
python3-XStatic-JQuery-TableSorter	2.14.5.1-13.el8ost	RHBA-2020:3148
python3-XStatic-JQuery-quicksearch	2.0.3.1-13.el8ost	RHBA-2020:3148

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python3-XStatic-JS-Yaml	3.8.1.0-3.el8ost	RHBA-2020:3148
python3-XStatic-JSEncrypt	2.3.1.1-5.el8ost	RHBA-2020:3148
python3-XStatic-Jasmine	2.4.1.1-5.el8ost	RHBA-2020:3148
python3-XStatic-Json2yaml	0.1.1.0-2.el8ost	RHBA-2020:3148
python3-XStatic-Magic-Search	0.2.5.1-8.el8ost	RHBA-2020:3148
python3-XStatic-Rickshaw	15.0.0-15.el8ost	RHBA-2020:3148
python3-XStatic-Spin	1.2.5.2-14.el8ost	RHBA-2020:3148
python3-XStatic-bootswatch	3.3.7.0-7.el8ost	RHBA-2020:3148
python3-XStatic-jQuery224	2.2.4.1-2.el8ost	RHBA-2020:3148
python3-XStatic-jquery-ui	1.12.0.1-5.el8ost	RHBA-2020:3148
python3-XStatic-mdi	1.4.57.0-9.el8ost	RHBA-2020:3148
python3-XStatic-objectpath	1.2.1.0-2.el8ost	RHBA-2020:3148
python3-XStatic-roboto-fontface	0.5.0.0-9.el8ost	RHBA-2020:3148
python3-XStatic-smart-table	1.4.13.2-5.el8ost	RHBA-2020:3148
python3-XStatic-termjs	0.0.7.0-5.el8ost	RHBA-2020:3148
python3-XStatic-tv4	1.2.7.0-1.el8ost	RHBA-2020:3148
python3-adal	1.2.0-2.el8ost	RHBA-2020:3148
python3-alembic	1.0.7-1.el8ost	RHBA-2020:3148
python3-amqp	2.4.1-1.el8ost	RHBA-2020:3148
python3-aniso8601	0.82-4.el8ost	RHBA-2020:3148
python3-ansible-runner	1.2.0-2.el8ost	RHBA-2020:3148
python3-anyjson	0.3.3-8.1.el8ost	RHBA-2020:3148

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python3-aodh	9.0.1-0.20200310230739.5415b96.el8ost	RHBA-2020:3148
python3-aodhclient	1.3.0-0.20200310191649.a8651ec.el8ost	RHBA-2020:3148
python3-appdirs	1.4.0-7.el8ost	RHBA-2020:3148
python3-autobahn	19.1.1-1.el8ost	RHBA-2020:3148
python3-automaton	1.17.0-0.20200310173540.5e82feb.el8ost	RHBA-2020:3148
python3-barbican	9.0.1-0.20200311002840.07be198.el8ost	RHBA-2020:3148
python3-barbican-tests-tempest	0.3.0-0.20200311014903.a226433.el8ost	RHBA-2020:3148
python3-barbicanclient	4.9.0-0.20200310163800.9c0e02d.el8ost	RHBA-2020:3148
python3-bcrypt	3.1.6-2.el8ost	RHBA-2020:3148
python3-beautifulsoup4	4.6.0-1.el8ost	RHBA-2020:3148
python3-boto	2.45.0-7.el8ost	RHBA-2020:3148
python3-boto3	1.9.101-1.el8ost	RHBA-2020:3148
python3-botocore	1.12.119-1.el8ost	RHBA-2020:3148
python3-cachetools	3.1.0-1.el8ost	RHBA-2020:3148
python3-castellan	1.3.2-0.20200511063420.193b4a2.el8ost	RHBA-2020:3148
python3-ceilometer	13.1.1-0.20200417043416.cad356b.el8ost	RHBA-2020:3148

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python3-ceilometermiddleware	15.0-0.20200310211118.fc21cde.el8ost	RHBA-2020:3148
python3-certifi	2018.10.15-4.el8ost	RHBA-2020:3148
python3-cinder	15.2.1-0.20200611113514.062104e.el8ost	RHBA-2020:3148
python3-cinder-tests-tempest	0.3.1-0.20200311012831.6f0b4fc.el8ost	RHBA-2020:3148
python3-cinderclient	5.0.1-0.20200326130221.8fa0882.el8ost	RHBA-2020:3148
python3-cinderlib	1.0.1-0.20200311113242.199ebd4.el8ost	RHBA-2020:3148
python3-cinderlib-tests-functional	1.0.1-0.20200311113242.199ebd4.el8ost	RHBA-2020:3148
python3-cliff	2.16.0-0.20200225112317.6b6b186.el8ost	RHBA-2020:3148
python3-cmd2	0.6.8-10.el8ost	RHBA-2020:3148
python3-collectd-gnocchi	1.7.2-0.20200310225001.de115a7.el8ost	RHBA-2020:3148
python3-collectd-rabbitmq-monitoring	0.0.6-3.el8ost	RHBA-2020:3148
python3-colorama	0.4.1-1.el8ost	RHBA-2020:3148
python3-construct	2.8.10-2.el8ost	RHBA-2020:3148
python3-contextlib2	0.5.5-8.el8ost	RHBA-2020:3148
python3-cotyledon	1.7.3-4.el8ost	RHBA-2020:3148
python3-cradox	2.1.0-3.el8ost	RHBA-2020:3148
python3-croniter	0.3.27-1.el8ost	RHBA-2020:3148

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python3-crypto	2.6.1-18.el8ost	RHBA-2020:3148
python3-cursive	0.2.2-0.20200310191346.d7cea1f.el8ost	RHBA-2020:3148
python3-cycler	0.10.0-7.el8ost	RHBA-2020:3148
python3-daemon	2.1.2-9.el8ost	RHBA-2020:3148
python3-daiquiri	1.5.0-2.el8ost	RHBA-2020:3148
python3-dateutil	2.8.0-1.el8ost	RHBA-2020:3148
python3-ddt	1.2.0-2.el8ost	RHBA-2020:3148
python3-debtcollector	1.22.0-0.20200310210206.0be4911.el8ost	RHBA-2020:3148
python3-defusedxml	0.5.0-2.el8ost	RHBA-2020:3148
python3-designate	9.0.1-0.20200310231800.20addf0.el8ost	RHBA-2020:3148
python3-designate-tests-tempest	0.7.0-0.20200311015920.1096ab9.el8ost	RHBA-2020:3148
python3-designateclient	3.0.0-0.20200310184009.093d8d7.el8ost	RHBA-2020:3148
python3-dictdiffer	0.7.1-2.el8ost	RHBA-2020:3148
python3-django-appconf	1.0.1-5.el8ost	RHBA-2020:3148
python3-django-compressor	2.2-4.el8ost	RHBA-2020:3148
python3-django-debreach	1.5.2-1.el8ost	RHBA-2020:3148
python3-django-horizon	16.1.1-0.20200603093454.fa83951.el8ost	RHBA-2020:3148
python3-django-pyscss	2.0.2-11.el8ost	RHBA-2020:3148

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python3-django20	2.0.13-2.el8ost	RHBA-2020:3148
python3-dogpile-cache	0.6.8-1.el8ost	RHBA-2020:3148
python3-dracclient	3.2.1-0.20200413101209.b5db9d8.el8ost	RHBA-2020:3148
python3-ec2-api	9.0.1-0.20200310231226.fb16aa4.el8ost	RHBA-2020:3148
python3-editor	0.4-5.el8ost	RHBA-2020:3148
python3-etcd3gw	0.2.5-1.el8ost	RHBA-2020:3148
python3-eventlet	0.25.1-1.1.el8ost	RHBA-2020:3148
python3-extras	1.0.0-5.el8ost	RHBA-2020:3148
python3-falcon	1.4.1-6.el8ost	RHBA-2020:3148
python3-fasteners	0.14.1-15.el8ost	RHBA-2020:3148
python3-fixtures	3.0.0-8.el8ost	RHBA-2020:3148
python3-flake8	3.5.0-6.el8ost	RHBA-2020:3148
python3-flask	1.0.2-2.el8ost	RHBA-2020:3148
python3-flask-restful	0.3.6-8.el8ost	RHBA-2020:3148
python3-funcsigs	1.0.2-3.el8ost	RHBA-2020:3148
python3-future	0.16.0-6.el8ost	RHBA-2020:3148
python3-futurist	1.9.0-0.20200225102600.25ffb8f.el8ost	RHBA-2020:3148
python3-gabbi	1.42.1-3.el8ost	RHBA-2020:3148
python3-gitdb	2.0.3-6.el8ost	RHBA-2020:3148

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python3-glance	19.0.3-0.20200421223423.3e16bc7.el8ost	RHBA-2020:3148
python3-glance-store	1.0.2-0.20200511193428.a622766.el8ost	RHBA-2020:3148
python3-glanceclient	2.17.0-0.20200422213417.40c19aa.el8ost	RHBA-2020:3148
python3-gnocchi	4.3.5-0.20200310232918.8cbc9ee.el8ost	RHBA-2020:3148
python3-gnocchiclient	7.0.4-0.20200310205157.64814b9.el8ost	RHBA-2020:3148
python3-google-auth	1.3.0-1.el8ost	RHBA-2020:3148
python3-greenlet	0.4.14-5.el8ost	RHBA-2020:3148
python3-gunicorn	19.9.0-5.el8ost	RHBA-2020:3148
python3-hardware	0.23.0-0.20200310212452.59211cc.el8ost	RHBA-2020:3148
python3-hardware-detect	0.23.0-0.20200310212452.59211cc.el8ost	RHBA-2020:3148
python3-heat-agent	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-ansible	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-apply-config	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-docker-cmd	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148

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python3-heat-agent-hiera	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-json-file	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-agent-puppet	1.10.1-0.20200311091123.96b819c.el8ost	RHBA-2020:3148
python3-heat-tests-tempest	0.4.0-0.20200311090104.e4d6583.el8ost	RHBA-2020:3148
python3-heatclient	1.18.0-0.20200310192511.eca1637.el8ost	RHBA-2020:3148
python3-horizon-tests-tempest	0.2.0-0.20200311013845.730608b.el8ost	RHBA-2020:3148
python3-ironic-inspector-client	3.7.1-0.20200522054325.3a41127.el8ost	RHBA-2020:3148
python3-ironic-lib	2.21.1-0.20200522053424.5ffc447.el8ost	RHBA-2020:3148
python3-ironic-neutron-agent	1.4.1-0.2020031111220.d0d3c45.el8ost	RHBA-2020:3148
python3-ironic-prometheus-exporter	0.0.1-0.20190712090404.f7e9344.el8ost	RHBA-2020:3148
python3-ironic-python-agent	5.0.2-0.20200521164433.7bad00c.el8ost	RHBA-2020:3148
python3-ironic-tests-tempest	1.5.1-0.20200311010751.11b8aac.el8ost	RHBA-2020:3148
python3-ironicclient	3.1.2-0.20200522053422.1220d76.el8ost	RHBA-2020:3148

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python3-iso8601	0.1.11-9.el8ost	RHBA-2020:3148
python3-json-logger	0.1.7-2.el8ost	RHBA-2020:3148
python3-jsonpath-rw	1.2.3-3.el8ost	RHBA-2020:3148
python3-jsonpath-rw-ext	1.0.0-2.el8ost	RHBA-2020:3148
python3-junitxml	0.7-17.el8ost	RHBA-2020:3148
python3-kazoo	2.2.1-2.el8ost	RHBA-2020:3148
python3-kerberos	1.2.5-8.el8ost	RHBA-2020:3148
python3-keyring	17.1.1-1.el8ost	RHBA-2020:3148
python3-keystone	16.0.2-0.20200520004147.b74e95c.el8ost	RHBA-2020:3148
python3-keystone-tests-tempest	0.3.0-0.20200311014651.806103f.el8ost	RHBA-2020:3148
python3-keystoneauth1	3.17.2-0.20200311105451.1d5f572.el8ost	RHBA-2020:3148
python3-keystoneclient	3.21.0-0.20200225105518.79f150f.el8ost	RHBA-2020:3148
python3-keystonemiddleware	7.0.1-0.20200225105651.0a65b14.el8ost	RHBA-2020:3148
python3-kiwisolver	1.0.1-3.el8ost	RHBA-2020:3148
python3-kombu	4.2.2-1.el8ost	RHBA-2020:3148
python3-kubernetes	8.0.0-6.el8ost	RHBA-2020:3148
python3-kuryr-tests-tempest	0.5.0-0.20200311015704.2194649.el8ost	RHBA-2020:3148
python3-ldap3	2.4.1-5.el8ost	RHBA-2020:3148

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python3-ldappool	2.4.0-2.el8ost	RHBA-2020:3148
python3-lesscpy	0.13.0-9.el8ost	RHBA-2020:3148
python3-linecache2	1.0.0-3.el8ost	RHBA-2020:3148
python3-lockfile	0.11.0-9.el8ost	RHBA-2020:3148
python3-logutils	0.3.5-6.1.el8ost	RHBA-2020:3148
python3-lz4	2.1.2-3.el8ost	RHBA-2020:3148
python3-magnumclient	2.16.0-0.20200310221508.8106c5f.el8ost	RHBA-2020:3148
python3-manila	9.13-0.20200604223435.4cbfb04.el8ost	RHBA-2020:3148
python3-manila-tests-tempest	1.0.0-0.20200521153424.ce66f00.el8ost	RHBA-2020:3148
python3-manilaclient	1.29.0-0.20200310223441.1b2cafb.el8ost	RHBA-2020:3148
python3-markupsafe	1.1.0-2.el8ost	RHBA-2020:3148
python3-matplotlib	3.0.2-1.el8ost.4	RHBA-2020:3148
python3-matplotlib-data	3.0.2-1.el8ost.4	RHBA-2020:3148
python3-matplotlib-data-fonts	3.0.2-1.el8ost.4	RHBA-2020:3148
python3-mccabe	0.6.1-7.1.el8ost	RHBA-2020:3148
python3-memcached	1.58-8.el8ost	RHBA-2020:3148
python3-metalsmith	0.15.1-0.20200310212019.0afed74.el8ost	RHBA-2020:3148

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python3-microversion-parse	0.2.1-0.20200310181506.ae5e3ce.el8ost	RHBA-2020:3148
python3-migrate	0.12.0-2.el8ost	RHBA-2020:3148
python3-mimeparse	1.6.0-5.el8ost	RHBA-2020:3148
python3-mistral	9.1.0-0.20200423064323.3003917.el8ost	RHBA-2020:3148
python3-mistral-lib	1.2.1-0.20200310221908.4bac2b2.el8ost	RHBA-2020:3148
python3-mistral-tests-tempest	0.3.0-0.20200311011704.3c3a6cc.el8ost	RHBA-2020:3148
python3-mistralclient	3.10.0-0.20200310211536.dc246bf.el8ost	RHBA-2020:3148
python3-mock	3.0.5-1.el8ost	RHBA-2020:3148
python3-monotonic	1.5-2.el8ost	RHBA-2020:3148
python3-more-itertools	4.1.0-2.el8ost	RHBA-2020:3148
python3-mox3	0.28.0-0.20200221143653.0a1e5b9.el8ost	RHBA-2020:3148
python3-msgpack	0.6.1-3.el8ost	RHBA-2020:3148
python3-munch	2.2.0-3.el8ost	RHBA-2020:3148
python3-netifaces	0.10.9-2.el8ost	RHBA-2020:3148
python3-network-runner	0.1.7-3.el8ost	RHBA-2020:3148
python3-networking-ansible	3.0.1-0.20200312083455.e24d01c.el8ost	RHBA-2020:3148

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python3-networking-baremetal	1.4.1-0.20200311111220.d0d3c45.el8ost	RHBA-2020:3148
python3-networking-bgpvpn	11.0.2-0.20200311173719.909ade0.el8ost	RHBA-2020:3148
python3-networking-bgpvpn-dashboard	11.0.2-0.20200311173719.909ade0.el8ost	RHBA-2020:3148
python3-networking-bgpvpn-heat	11.0.2-0.20200311173719.909ade0.el8ost	RHBA-2020:3148
python3-networking-bigswitch	12.0.3-0.20200425223424.c3b82e5.el8ost	RHBA-2020:3148
python3-networking-fujitsu	8.0.1-0.20191213120215.1aafc66.el8ost	RHBA-2020:3148
python3-networking-l2gw	15.0.1-0.20200311171400.0de2604.el8ost	RHBA-2020:3148
python3-networking-l2gw-tests-tempest	0.1.1-0.20200311072004.a3af33b.el8ost	RHBA-2020:3148
python3-networking-ovn	7.2.1-0.20200611111150.18fabca.el8ost	RHBA-2020:3148
python3-networking-ovn-metadata-agent	7.2.1-0.20200611111150.18fabca.el8ost	RHBA-2020:3148
python3-networking-ovn-migration-tool	7.2.1-0.20200611111150.18fabca.el8ost	RHBA-2020:3148
python3-networking-sfc	9.0.1-0.20200311112650.89b4e00.el8ost	RHBA-2020:3148
python3-networking-vmware-nsx	15.0.1-0.20200611104550.828ebac.el8ost	RHBA-2020:3148

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python3-neutron	15.1.1-0.20200611111910.7d97420.el8ost	RHBA-2020:3148
python3-neutron-dynamic-routing	15.0.1-0.20200513163420.5300489.el8ost	RHBA-2020:3148
python3-neutron-lib	1.29.1-0.20200310214054.4ef4b71.el8ost	RHBA-2020:3148
python3-neutron-lib-tests	1.29.1-0.20200310214054.4ef4b71.el8ost	RHBA-2020:3148
python3-neutron-tests-tempest	0.9.0-0.20200323103433.15c85f6.el8ost	RHBA-2020:3148
python3-neutronclient	6.14.0-0.20200310192910.115f60f.el8ost	RHBA-2020:3148
python3-nova	20.3.1-0.20200626213433.38ee1f3.el8ost	RHBA-2020:3148
python3-novaclient	15.1.0-0.20200310162625.cd396b8.el8ost	RHBA-2020:3148
python3-novajoin	1.3.0-0.20200310222422.265146e.el8ost	RHBA-2020:3148
python3-novajoin-tests-tempest	0.0.1-0.20200605163606.c8a180f.el8ost	RHBA-2020:3148
python3-numexpr	2.6.1-4.el8ost	RHBA-2020:3148
python3-numpy	1.15.1-2.2.el8ost	RHBA-2020:3148
python3-numpy-f2py	1.15.1-2.2.el8ost	RHBA-2020:3148
python3-octavia	5.0.2-0.20200526173428.09e863e.el8ost	RHBA-2020:3148

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python3-octavia-lib	1.4.0-0.20200310200448.cec8b19.el8ost	RHBA-2020:3148
python3-octavia-tests-tempest	1.3.0-0.20200527113421.0ae7f10.el8ost	RHBA-2020:3148
python3-octavia-tests-tempest-golang	1.3.0-0.20200527113421.0ae7f10.el8ost	RHBA-2020:3148
python3-octaviaclient	1.10.0-0.20200310221050.0e00a90.el8ost	RHBA-2020:3148
python3-openshift	0.8.1-1.el8ost	RHBA-2020:3148
python3-openstackclient	4.0.0-0.20200310193636.aa64eb6.el8ost	RHBA-2020:3148
python3-openstacksdk	0.36.3-0.20200424135113.c07350e.el8ost	RHBA-2020:3148
python3-os-brick	2.10.3-0.20200605063441.55fc998.el8ost	RHBA-2020:3148
python3-os-client-config	1.33.0-0.20200310171613.d0eea17.el8ost	RHBA-2020:3148
python3-os-ken	0.4.1-0.20200424093429.8f7851a.el8ost	RHBA-2020:3148
python3-os-resource-classes	0.5.0-0.20200310204648.0dd643b.el8ost	RHBA-2020:3148
python3-os-service-types	1.7.0-0.20200225085439.0b2f473.el8ost	RHBA-2020:3148
python3-os-testr	1.1.0-0.20200225113630.414bbf6.el8ost	RHBA-2020:3148

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python3-os-traits	0.16.0-0.20200310195812.5a477b8.el8ost	RHBA-2020:3148
python3-os-vif	1.17.0-0.20200310214434.3a08cc4.el8ost	RHBA-2020:3148
python3-os-win	4.3.2-0.20200310172801.c5450ed.el8ost	RHBA-2020:3148
python3-os-xenapi	0.3.4-0.20200310224601.12c68d0.el8ost	RHBA-2020:3148
python3-osc-lib	1.14.1-0.20200310175859.a0d9746.el8ost	RHBA-2020:3148
python3-osc-placement	1.7.0-0.20200310215449.8bbca01.el8ost	RHBA-2020:3148
python3-oslo-cache	1.37.0-0.20200225103049.f67262f.el8ost	RHBA-2020:3148
python3-oslo-concurrency	3.30.0-0.20200225090342.610df38.el8ost	RHBA-2020:3148
python3-oslo-config	6.11.2-0.20200221150642.22c286c.el8ost	RHBA-2020:3148
python3-oslo-context	2.23.1-0.20200611105515.ab17aef.el8ost	RHBA-2020:3148
python3-oslo-db	5.0.2-0.20200225090546.fb40cdb.el8ost	RHBA-2020:3148
python3-oslo-ii8n	3.24.0-0.20200221144708.91b39bb.el8ost	RHBA-2020:3148

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python3-oslo-log	3.44.3-0.20200611110222.e19c407.el8ost	RHBA-2020:3148
python3-oslo-messaging	10.2.0-0.20200225104634.b7e9faf.el8ost	RHBA-2020:3148
python3-oslo-middleware	3.38.1-0.20200225095528.9bae80e.el8ost	RHBA-2020:3148
python3-oslo-policy	2.3.3-0.20200310162846.b7b9930.el8ost	RHBA-2020:3148
python3-oslo-privsep	1.33.3-0.20200310175027.ddde706.el8ost	RHBA-2020:3148
python3-oslo-reports	1.30.0-0.20200225093814.cf35fec.el8ost	RHBA-2020:3148
python3-oslo-rootwrap	5.16.1-0.20200603173434.c6babc7.el8ost	RHBA-2020:3148
python3-oslo-serialization	2.29.2-0.20200225092603.fa399b6.el8ost	RHBA-2020:3148
python3-oslo-service	1.40.2-0.20200225103516.a7621c8.el8ost	RHBA-2020:3148
python3-oslo-upgradecheck	0.3.2-0.20200424133424.e1df576.el8ost	RHBA-2020:3148
python3-oslo-utils	3.41.5-0.20200311110302.85cd57d.el8ost	RHBA-2020:3148
python3-oslo-versionedobjects	1.36.1-0.20200310170354.14ee7e0.el8ost	RHBA-2020:3148

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python3-oslo-vmware	2.34.1-0.20200310171543.c592465.el8ost	RHBA-2020:3148
python3-oslotest	3.8.1-0.20200221144603.7ad16de.el8ost	RHBA-2020:3148
python3-osprofiler	2.8.2-0.20200310173712.d431c7a.el8ost	RHBA-2020:3148
python3-ovirt-engine-sdk4	4.2.9-4.el8ost	RHBA-2020:3148
python3-ovsdbapp	0.17.3-0.20200528074611.9bb0eee.el8ost	RHBA-2020:3148
python3-pandas	0.23.4-4.el8ost	RHBA-2020:3148
python3-panko	7.0.1-0.20191017041322.9b551e7.el8ost	RHBA-2020:3148
python3-pankoclient	0.5.0-0.20191010210258.572aee9.el8ost	RHBA-2020:3148
python3-paramiko	2.4.2-2.el8ost	RHBA-2020:3148
python3-passlib	1.7.0-5.el8ost	RHBA-2020:3148
python3-paste	2.0.3-6.el8ost	RHBA-2020:3148
python3-paste-deploy	1.5.2-13.el8ost	RHBA-2020:3148
python3-patrole-tests-tempest	0.7.0-0.20200310235617.a5068ba.el8ost	RHBA-2020:3148
python3-paunch	5.3.3-0.20200527083422.16ae5e4.el8ost	RHBA-2020:3148
python3-pbr	5.1.2-2.el8ost	RHBA-2020:3148
python3-pecan	1.3.2-3.el8ost	RHBA-2020:3148

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python3-pexpect	4.6-2.el8ost	RHBA-2020:3148
python3-pint	0.9-1.el8ost	RHBA-2020:3148
python3-placement	2.0.0-0.20200311000650.36beddb.el8ost	RHBA-2020:3148
python3-pluggy	0.8.1-1.el8ost	RHBA-2020:3148
python3-posix_ipc	0.9.8-20.el8ost	RHBA-2020:3148
python3-proliantutils	2.9.1-0.20200427163428.28291c6.el8ost	RHBA-2020:3148
python3-prometheus_client	0.6.0-1.el8ost	RHBA-2020:3148
python3-protobuf	3.6.1-4.el8ost	RHBA-2020:3148
python3-psutil	5.6.3-1.el8ost	RHBA-2020:3148
python3-pycadf	2.10.0-0.20200225093612.d113c15.el8ost	RHBA-2020:3148
python3-pycodestyle	2.4.0-3.1.el8ost	RHBA-2020:3148
python3-pyeclib	1.5.0-5.el8ost	RHBA-2020:3148
python3-pyflakes	2.0.0-7.el8ost	RHBA-2020:3148
python3-pyghmi	1.0.22-3.el8ost	RHBA-2020:3148
python3-pynacl	1.3.0-1.el8ost	RHBA-2020:3148
python3-pyngus	2.3.0-1.el8ost	RHBA-2020:3148
python3-pyparsing	2.3.1-1.el8ost	RHBA-2020:3148
python3-pyrabbit2	1.0.6-2.el8ost	RHBA-2020:3148
python3-pyroute2	0.5.6-1.el8ost	RHBA-2020:3148
python3-pysaml2	4.6.5-1.el8ost	RHBA-2020:3148

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python3-pysendfile	2.0.1-13.el8ost	RHBA-2020:3148
python3-pysnmp	4.4.8-2.el8ost	RHBA-2020:3148
python3-pystache	0.5.3-3.el8ost	RHBA-2020:3148
python3-pytest	3.5.1-1.el8ost	RHBA-2020:3148
python3-pytimeparse	1.1.5-2.1.el8ost	RHBA-2020:3148
python3-pyxattr	0.5.3-19.el8ost	RHBA-2020:3148
python3-qpuid-proton	0.29.0-4.el8	RHBA-2020:3148
python3-rcssmin	1.0.6-4.el8ost	RHBA-2020:3148
python3-redis	3.1.0-1.el8ost	RHBA-2020:3148
python3-repoze-lru	0.4-9.el8ost	RHBA-2020:3148
python3-requests-kerberos	0.8.0-4.el8ost	RHBA-2020:3148
python3-requestsexceptions	1.4.0-0.20200225113445.d7ac0ff.el8ost	RHBA-2020:3148
python3-retrying	1.2.3-5.el8ost	RHBA-2020:3148
python3-rfc3986	1.2.0-2.el8ost	RHBA-2020:3148
python3-rhosp-openvswitch	2.13-8.el8ost	RHBA-2020:3148
python3-rjsmin	1.0.12-5.el8ost	RHBA-2020:3148
python3-routes	2.4.1-2.el8ost	RHBA-2020:3148
python3-rsa	3.4.2-9.el8ost	RHBA-2020:3148
python3-rsd-lib	1.1.0-0.20200310223745.6e1ba65.el8ost	RHBA-2020:3148
python3-rsdclient	0.2.0-0.20200310225718.c46c7ac.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-ruamel-yaml	0.15.41-4.el8ost	RHBA-2020:3148
python3-s3transfer	0.2.0-1.el8ost	RHBA-2020:3148
python3-saharacient	2.3.0-0.20200310205557.3107b45.el8ost	RHBA-2020:3148
python3-scciclient	0.8.2-0.20200310204147.3e595d8.el8ost	RHBA-2020:3148
python3-scrypt	0.8.0-4.el8ost	RHBA-2020:3148
python3-scss	1.3.4-9.el8ost	RHBA-2020:3148
python3-setproctitle	1.1.10-16.el8ost	RHBA-2020:3148
python3-shade	1.32.0-0.20200310210513.47fe056.el8ost	RHBA-2020:3148
python3-simplegeneric	0.8-8.el8ost	RHBA-2020:3148
python3-simplejson	3.16.0-3.el8ost	RHBA-2020:3148
python3-six	1.12.0-1.el8ost	RHBA-2020:3148
python3-smmap	2.0.3-5.el8ost	RHBA-2020:3148
python3-snappy	0.5-10.1.el8ost	RHBA-2020:3148
python3-sqlalchemy-collectd	0.0.6-1.el8ost	RHBA-2020:3148
python3-sqlalchemy-utils	0.32.12-8.el8ost	RHBA-2020:3148
python3-sqlparse	0.2.2-6.1.el8ost	RHBA-2020:3148
python3-statsd	3.2.1-6.el8ost	RHBA-2020:3148
python3-stestr	2.3.1-5.el8ost	RHBA-2020:3148
python3-stevedore	1.31.0-0.20200221143553.6817543.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-string_utils	0.6.0-4.el8ost	RHBA-2020:3148
python3-subunit	1.4.0-1.el8ost	RHBA-2020:3148
python3-sushy	2.0.3-0.20200527173454.0241cd9.el8ost	RHBA-2020:3148
python3-sushy-oem-idrac	0.0.3-0.20200407213434.6478da8.el8ost	RHBA-2020:3148
python3-swift	2.23.2-0.20200505123431.2e50b58.el8ost	RHBA-2020:3148
python3-swiftclient	3.8.1-0.20200225110806.72b90fe.el8ost	RHBA-2020:3148
python3-sysv_ipc	0.7.0-6.el8ost	RHBA-2020:3148
python3-tables	3.3.0-6.el8ost	RHBA-2020:3148
python3-tap-as-a-service	6.0.1-0.20200602113438.f2b0274.el8ost	RHBA-2020:3148
python3-taskflow	3.7.1-0.20200310182056.f0eae2c.el8ost	RHBA-2020:3148
python3-telemetry-tests-tempest	0.4.0-0.20200311090803.d60e6e2.el8ost	RHBA-2020:3148
python3-tempest	23.0.0-0.20200609093435.d432237.el8ost	RHBA-2020:3148
python3-tempest-tests	23.0.0-0.20200609093435.d432237.el8ost	RHBA-2020:3148
python3-tempestconf	2.4.0-0.20200330154105.6a616e5.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-tempita	0.5.1-20.el8ost	RHBA-2020:3148
python3-tenacity	5.1.1-3.el8ost	RHBA-2020:3148
python3-testrepository	0.0.20-15.el8ost	RHBA-2020:3148
python3-testscenarios	0.5.0-9.el8ost	RHBA-2020:3148
python3-testtools	2.3.0-8.el8ost	RHBA-2020:3148
python3-tinyrpc	0.5-4.20170523git1f38ac.el8ost	RHBA-2020:3148
python3-tooz	1.66.3-0.20200602080725.13a6dff.el8ost	RHBA-2020:3148
python3-traceback2	1.4.0-3.el8ost	RHBA-2020:3148
python3-tripleo-common	11.3.3-0.20200611110656.f7715be.el8ost	RHBA-2020:3148
python3-tripleo-common-tests-tempest	0.0.1-0.20200427153419.5bbfb13.el8ost	RHBA-2020:3148
python3-tripleoclient	12.3.2-0.20200615103427.6f877f6.el8ost	RHBA-2020:3148
python3-tripleoclient-heat-installer	12.3.2-0.20200615103427.6f877f6.el8ost	RHBA-2020:3148
python3-trollius	2.1-7.el8ost	RHBA-2020:3148
python3-troveclient	3.0.0-0.20200311000701.960843d.el8ost	RHBA-2020:3148
python3-twisted	16.4.1-12.el8ost	RHBA-2020:3148
python3-txaio	18.8.1-1.el8ost	RHBA-2020:3148
python3-ujson	2.0-0.1.20170206git2f1d487.el8ost.7	RHBA-2020:3148

Name	Version	Advisory
python3-unittest2	1.1.0-17.el8ost	RHBA-2020:3148
python3-urllib-gssapi	1.0.1-10.el8ost	RHBA-2020:3148
python3-validations-lib	1.0.1-0.20200525133442.b5cc8df.el8ost	RHBA-2020:3148
python3-versiontools	1.9.1-9.el8ost	RHBA-2020:3148
python3-vine	1.2.0-2.el8ost	RHBA-2020:3148
python3-vmware-nxlib	15.0.3-0.20200611103448.1c11a9d.el8ost	RHBA-2020:3148
python3-voluptuous	0.10.5-5.el8ost	RHBA-2020:3148
python3-waitress	1.4.2-1.el8ost	RHBA-2020:3148
python3-warlock	1.3.0-9.el8ost	RHBA-2020:3148
python3-webob	1.8.5-1.el8ost	RHBA-2020:3148
python3-websocket-client	0.54.0-1.el8ost	RHBA-2020:3148
python3-websockify	0.8.0-11.el8ost	RHBA-2020:3148
python3-webtest	2.0.29-4.el8ost	RHBA-2020:3148
python3-werkzeug	0.14.1-5.el8ost	RHBA-2020:3148
python3-wrapt	1.11.1-2.el8ost	RHBA-2020:3148
python3-wsaccel	0.6.2-10.el8ost	RHBA-2020:3148
python3-wsgi_intercept	1.2.2-2.el8ost	RHBA-2020:3148
python3-wsme	0.9.4-0.20200310165012.bff9624.el8ost	RHBA-2020:3148
python3-yappi	1.0-2.el8ost	RHBA-2020:3148
python3-yaql	1.1.3-3.el8ost	RHBA-2020:3148

Name	Version	Advisory
python3-zake	0.2.2-14.el8ost	RHBA-2020:3148
python3-zaqar-tests-tempest	0.3.0-0.20200311010859.f6211b4.el8ost	RHBA-2020:3148
python3-zaqarclient	1.12.0-0.20200310200831.9038bf6.el8ost	RHBA-2020:3148
python3-zeroconf	0.19.1-5.el8ost	RHBA-2020:3148
python3-zope-event	4.2.0-8.2.el8ost	RHBA-2020:3148
python3-zope-interface	4.4.3-2.el8ost	RHBA-2020:3148
qpid-dispatch-router	1.8.0-2.el8	RHBA-2020:3148
qpid-dispatch-tools	1.8.0-2.el8	RHBA-2020:3148
qpid-proton-c	0.29.0-4.el8	RHBA-2020:3148
rabbitmq-server	3.7.23-2.el8ost	RHBA-2020:3148
rhosp-director-images	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-director-images-all	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-director-images-ipa	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-director-images-ipa-ppc64le	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-director-images-ipa-x86_64	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-director-images-minimal	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-director-images-ppc64le	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-director-images-x86_64	16.1-20200722.1.el8ost	RHBA-2020:3200
rhosp-openvswitch	2.13-8.el8ost	RHBA-2020:3148
rhosp-ovn	2.13-8.el8ost	RHBA-2020:3148

Name	Version	Advisory
rhosp-ovn-host	2.13-8.el8ost	RHBA-2020:3148
rhosp-ovn-vtep	2.13-8.el8ost	RHBA-2020:3148
rhosp-release	16.1.0-3.el8ost	RHBA-2020:3148
roboto-fontface-common	0.5.0.0-9.el8ost	RHBA-2020:3148
roboto-fontface-fonts	0.5.0.0-9.el8ost	RHBA-2020:3148
ruby-augeas	0.5.0-3.el8ost	RHBA-2020:3148
ruby-facter	3.9.3-9.el8ost	RHBA-2020:3148
ruby-shadow	2.5.0-3.el8ost	RHBA-2020:3148
rubygem-pathspec	0.2.1-4.el8ost	RHBA-2020:3148
rubygem-rgen	0.6.6-2.1.el8ost	RHBA-2020:3148
subunit-filters	1.4.0-1.el8ost	RHBA-2020:3148
sysbench	0.4.12-14.el8ost	RHBA-2020:3148
tripleo-ansible	0.5.1-0.20200611113656.34b8fcc.el8ost	RHBA-2020:3148
validations-common	1.1.0-0.20200514174739.8a3f7e7.el8ost	RHBA-2020:3148
web-assets-filesystem	5-7.el8ost	RHBA-2020:3148
web-assets-httpd	5-7.el8ost	RHBA-2020:3148
xstatic-angular-bootstrap-common	2.2.0.0-6.el8ost	RHBA-2020:3148
xstatic-angular-fileupload-common	12.0.4.0-10.el8ost	RHBA-2020:3148
xstatic-angular-gettext-common	2.3.8.0-2.el8ost	RHBA-2020:3148
xstatic-angular-lrdragndrop-common	1.0.2.2-12.el8ost	RHBA-2020:3148

Name	Version	Advisory
xstatic-angular-schema-form-common	0.8.13.0-1.el8ost	RHBA-2020:3148
xstatic-angular-uuid-common	0.0.4.0-5.el8ost	RHBA-2020:3148
xstatic-angular-vis-common	4.16.0.0-2.el8ost	RHBA-2020:3148
xstatic-bootstrap-datepicker-common	1.3.1.0-12.el8ost	RHBA-2020:3148
xstatic-bootstrap-scss-common	3.3.7.1-6.el8ost	RHBA-2020:3148
xstatic-d3-common	3.5.17.0-6.el8ost	RHBA-2020:3148
xstatic-filesaver-common	1.3.2.0-2.el8ost	RHBA-2020:3148
xstatic-hogan-common	2.0.0.2-13.el8ost	RHBA-2020:3148
xstatic-jasmine-common	2.4.1.1-5.el8ost	RHBA-2020:3148
xstatic-jquery-migrate-common	1.2.1.1-13.el8ost	RHBA-2020:3148
xstatic-jquery-quicksearch-common	2.0.3.1-13.el8ost	RHBA-2020:3148
xstatic-jquery-tablesorter-common	2.14.5.1-13.el8ost	RHBA-2020:3148
xstatic-jquery-ui-common	1.12.0.1-5.el8ost	RHBA-2020:3148
xstatic-js-yaml-common	3.8.1.0-3.el8ost	RHBA-2020:3148
xstatic-jsencrypt-common	2.3.1.1-5.el8ost	RHBA-2020:3148
xstatic-json2yaml-common	0.1.1.0-2.el8ost	RHBA-2020:3148
xstatic-objectpath-common	1.2.1.0-2.el8ost	RHBA-2020:3148
xstatic-rickshaw-common	1.5.0.0-15.el8ost	RHBA-2020:3148
xstatic-smart-table-common	1.4.13.2-5.el8ost	RHBA-2020:3148
xstatic-spin-common	1.2.5.2-14.el8ost	RHBA-2020:3148
xstatic-termjs-common	0.0.7.0-5.el8ost	RHBA-2020:3148

Name	Version	Advisory
xstatic-tv4-common	1.2.7.0-1.el8ost	RHBA-2020:3148
yaml-cpp	0.6.1-8.el8ost	RHBA-2020:3148

CHAPTER 3. RED HAT OPENSTACK PLATFORM 16.1.1

This section outlines the packages shipped in each repository released with the general availability of Red Hat OpenStack Platform 16.1.1.

3.1. PACKAGE LIST

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

Table 3.1. Package List

Package Name	License
ansible-config_template	"ASL 2.0"
ansible-pacemaker	"ASL 2.0"
ansible-role-atos-hsm	"ASL 2.0"
ansible-role-chrony	"ASL 2.0"
ansible-role-container-registry	"ASL 2.0"
ansible-role-network-runner	"ASL 2.0"
ansible-role-openstack-ml2	"ASL 2.0"
ansible-role-openstack-operations	"ASL 2.0"
ansible-role-redhat-subscription	"ASL 2.0"
ansible-role-thales-hsm	"ASL 2.0"
ansible-role-tripleo-modify-image	"ASL 2.0"
ansible-tripleo-ipa	"ASL 2.0"
ansible-tripleo-ipsec	"GPLv3+"
blosc	"MIT"
bootswatch-common	"MIT"
bootswatch-fonts	"MIT"
collectd	"MIT and GPLv2"

Package Name	License
collectd-amqp1	"MIT and GPLv2"
collectd-connectivity	"MIT and GPLv2"
collectd-dbi	"MIT and GPLv2"
collectd-dpdk_telemetry	"MIT and GPLv2"
collectd-hugepages	"MIT and GPLv2"
collectd-mcelog	"MIT and GPLv2"
collectd-ovs-events	"MIT and GPLv2"
collectd-ovs-stats	"MIT and GPLv2"
collectd-pcie-errors	"MIT and GPLv2"
collectd-ping	"MIT and GPLv2"
collectd-pmu	"MIT and GPLv2"
collectd-procevent	"MIT and GPLv2"
collectd-python	"MIT and GPLv2"
collectd-rdt	"MIT and GPLv2"
collectd-sensubility	"ASL 2.0"
collectd-snmp-agent	"MIT and GPLv2"
collectd-sysevent	"MIT and GPLv2"
collectd-turbostat	"MIT and GPLv2"
cpp-hocon	"ASL 2.0"
crudini	"GPLv2"
dibbler-client	"GPLv2"
dibbler-relay	"GPLv2"
dibbler-requestor	"GPLv2"

Package Name	License
dibbler-server	"GPLv2"
dib-utils	"ASL 2.0"
diskimage-builder	"ASL 2.0"
dumb-init	"MIT"
elixir	"ASL 2.0"
erlang-asn1	"ASL 2.0"
erlang-compiler	"ASL 2.0"
erlang-crypto	"ASL 2.0"
erlang-eldap	"ASL 2.0"
erlang-erts	"ASL 2.0"
erlang-hipe	"ASL 2.0"
erlang-inets	"ASL 2.0"
erlang-kernel	"ASL 2.0"
erlang-mnesia	"ASL 2.0"
erlang-os_mon	"ASL 2.0"
erlang-otp_mibs	"ASL 2.0"
erlang-parsetools	"ASL 2.0"
erlang-public_key	"ASL 2.0"
erlang-runtime_tools	"ASL 2.0"
erlang-sasl	"ASL 2.0"
erlang-sd_notify	"MIT"
erlang-snmp	"ASL 2.0"
erlang-ssl	"ASL 2.0"

Package Name	License
erlang-stdlib	"ASL 2.0"
erlang-syntax_tools	"ASL 2.0"
erlang-tools	"ASL 2.0"
erlang-xmerl	"ASL 2.0"
etcd	"ASL 2.0"
facter	"ASL 2.0"
fontawesome-fonts	"OFL"
fontawesome-fonts-web	"OFL and MIT"
gnocchi-api	"ASL 2.0"
gnocchi-common	"ASL 2.0"
gnocchi-metricd	"ASL 2.0"
gnocchi-statsd	"ASL 2.0"
golang-github-BurntSushi-toml-devel	"BSD"
golang-github-davecgh-go-spew-devel	"ISC"
golang-github-golang-sys-devel	"BSD"
golang-github-pmezard-go-diffliplib-devel	"BSD"
golang-github-Sirupsen-logrus-devel	"MIT"
golang-github-stretchr-objx-devel	"MIT"
golang-github-stretchr-testify-devel	"MIT"
golang-github-urfave-cli-devel	"MIT"
golang-github-vbatts-tar-split	"BSD"
golang-golangorg-crypto-devel	"BSD"
golang-gopkg-check-devel	"BSD"

Package Name	License
golang-gopkg-yaml-devel	"LGPLv3 with exceptions"
golang-gopkg-yaml-devel-v2	"LGPLv3 with exceptions"
hdf5	"BSD"
heat-cfnutils	"ASL 2.0"
hiera	"ASL 2.0"
intel-cmt-cat	"BSD"
jevents	"GPLv2 and BSD"
kuryr-binding-scripts	"ASL 2.0"
leatherman	"ASL 2.0 and MIT"
libdbi	"LGPLv2+"
liberasurecode	"BSD and CRC32"
liboping	"GPLv2"
libqhull	"Qhull"
libsodium	"ISC"
libwebsockets	"LGPLv2 and Public Domain and BSD and MIT and zlib"
mdi-common	"OFL"
mdi-fonts	"OFL"
ndisc6	"GPLv2 or GPLv3"
novnc	"GPLv3"

Package Name	License
octavia-amphora-image-x86_64	"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"
openstack-aodh-api	"ASL 2.0"
openstack-aodh-common	"ASL 2.0"
openstack-aodh-compatible	"ASL 2.0"
openstack-aodh-evaluator	"ASL 2.0"
openstack-aodh-expirer	"ASL 2.0"
openstack-aodh-listener	"ASL 2.0"
openstack-aodh-notifier	"ASL 2.0"
openstack-barbican	"ASL 2.0"
openstack-barbican-api	"ASL 2.0"
openstack-barbican-common	"ASL 2.0"
openstack-barbican-keystone-listener	"ASL 2.0"
openstack-barbican-worker	"ASL 2.0"
openstack-ceilometer-central	"ASL 2.0"
openstack-ceilometer-common	"ASL 2.0"
openstack-ceilometer-compute	"ASL 2.0"

Package Name	License
openstack-ceilometer-ipmi	"ASL 2.0"
openstack-ceilometer-notification	"ASL 2.0"
openstack-ceilometer-polling	"ASL 2.0"
openstack-cinder	"ASL 2.0"
openstack-dashboard	"ASL 2.0 and BSD"
openstack-dashboard-theme	"ASL 2.0"
openstack-designate-agent	"ASL 2.0"
openstack-designate-api	"ASL 2.0"
openstack-designate-central	"ASL 2.0"
openstack-designate-common	"ASL 2.0"
openstack-designate-mdns	"ASL 2.0"
openstack-designate-producer	"ASL 2.0"
openstack-designate-sink	"ASL 2.0"
openstack-designate-worker	"ASL 2.0"
openstack-ec2-api	"ASL 2.0"
openstack-glance	"ASL 2.0"
openstack-heat-agents	"ASL 2.0"
openstack-heat-api	"ASL 2.0"
openstack-heat-api-cfn	"ASL 2.0"
openstack-heat-common	"ASL 2.0"
openstack-heat-engine	"ASL 2.0"
openstack-heat-monolith	"ASL 2.0"
openstack-heat-ui	"ASL 2.0"

Package Name	License
openstack-ironic-api	"ASL 2.0"
openstack-ironic-common	"ASL 2.0"
openstack-ironic-conductor	"ASL 2.0"
openstack-ironic-inspector	"ASL 2.0"
openstack-ironic-inspector-dnsmasq	"ASL 2.0"
openstack-ironic-python-agent	"ASL 2.0"
openstack-ironic-python-agent-builder	"ASL 2.0"
openstack-ironic-staging-drivers	"ASL 2.0"
openstack-ironic-ui	"ASL 2.0"
openstack-keystone	"ASL 2.0"
openstack-manila	"ASL 2.0"
openstack-manila-share	"ASL 2.0"
openstack-manila-ui	"ASL 2.0"
openstack-mistral-all	"ASL 2.0"
openstack-mistral-api	"ASL 2.0"
openstack-mistral-common	"ASL 2.0"
openstack-mistral-engine	"ASL 2.0"
openstack-mistral-event-engine	"ASL 2.0"
openstack-mistral-executor	"ASL 2.0"
openstack-mistral-notifier	"ASL 2.0"
openstack-neutron	"ASL 2.0"
openstack-neutron-bgp-dragent	"ASL 2.0"
openstack-neutron-bigswitch-agent	"ASL 2.0"

Package Name	License
openstack-neutron-common	"ASL 2.0"
openstack-neutron-dynamic-routing-common	"ASL 2.0"
openstack-neutron-l2gw-agent	"ASL 2.0"
openstack-neutron-linuxbridge	"ASL 2.0"
openstack-neutron-macvtap-agent	"ASL 2.0"
openstack-neutron-metering-agent	"ASL 2.0"
openstack-neutron-ml2	"ASL 2.0"
openstack-neutron-openvswitch	"ASL 2.0"
openstack-neutron-rpc-server	"ASL 2.0"
openstack-neutron-sriov-nic-agent	"ASL 2.0"
openstack-nova	"ASL 2.0"
openstack-nova-api	"ASL 2.0"
openstack-nova-common	"ASL 2.0"
openstack-nova-compute	"ASL 2.0"
openstack-nova-conductor	"ASL 2.0"
openstack-nova-console	"ASL 2.0"
openstack-nova-migration	"ASL 2.0"
openstack-nova-novncproxy	"ASL 2.0"
openstack-nova-scheduler	"ASL 2.0"
openstack-nova-serialproxy	"ASL 2.0"
openstack-nova-spicehtml5proxy	"ASL 2.0"
openstack-octavia-amphora-agent	"ASL 2.0"
openstack-octavia-api	"ASL 2.0"

Package Name	License
openstack-octavia-common	"ASL 2.0"
openstack-octavia-diskimage-create	"ASL 2.0"
openstack-octavia-health-manager	"ASL 2.0"
openstack-octavia-housekeeping	"ASL 2.0"
openstack-octavia-ui	"ASL 2.0"
openstack-octavia-worker	"ASL 2.0"
openstack-panko-api	"ASL 2.0"
openstack-panko-common	"ASL 2.0"
openstack-placement-api	"ASL 2.0"
openstack-placement-common	"ASL 2.0"
openstack-selinux	"GPLv2"
openstack-swift-account	"ASL 2.0"
openstack-swift-container	"ASL 2.0"
openstack-swift-object	"ASL 2.0"
openstack-swift-proxy	"ASL 2.0"
openstack-tempest	"ASL 2.0"
openstack-tempest-all	"ASL 2.0"
openstack-tripleo-common	"ASL 2.0"
openstack-tripleo-common-container-base	"ASL 2.0"
openstack-tripleo-common-containers	"ASL 2.0"
openstack-tripleo-common-devtools	"ASL 2.0"
openstack-tripleo-heat-templates	"ASL 2.0"
openstack-tripleo-image-elements	"ASL 2.0"

Package Name	License
openstack-tripleo-puppet-elements	"ASL 2.0"
openstack-tripleo-validations	"ASL 2.0"
openstack-zaqar	"ASL 2.0"
os-apply-config	"ASL 2.0"
os-collect-config	"ASL 2.0"
os-net-config	"ASL 2.0"
os-refresh-config	"ASL 2.0"
paunch-services	"ASL 2.0"
plotnetcfg	"GPLv2+"
pmu-tools	"GPLv2 and BSD"
puppet	"ASL 2.0"
puppet-aodh	"ASL 2.0"
puppet-apache	"ASL 2.0"
puppet-archive	"ASL 2.0"
puppet-auditd	"BSD"
puppet-barbican	"ASL 2.0"
puppet-cassandra	"ASL 2.0"
puppet-ceilometer	"ASL 2.0"
puppet-ceph	"ASL 2.0"
puppet-certmonger	"ASL 2.0"
puppet-cinder	"ASL 2.0"
puppet-collectd	"ASL 2.0"
puppet-concat	"ASL 2.0"

Package Name	License
puppet-contrail	"ASL 2.0"
puppet-corosync	"ASL 2.0"
puppet-datacat	"ASL 2.0"
puppet-designate	"ASL 2.0"
puppet-dns	"ASL 2.0"
puppet-ec2api	"ASL 2.0"
puppet-elasticsearch	"ASL 2.0"
puppet-etcd	"ASL 2.0"
puppet-fdio	"ASL 2.0"
puppet-firewall	"ASL 2.0"
puppet-git	"ASL 2.0"
puppet-glance	"ASL 2.0"
puppet-gnocchi	"ASL 2.0"
puppet-haproxy	"ASL 2.0"
puppet-headless	"ASL 2.0"
puppet-heat	"ASL 2.0"
puppet-horizon	"ASL 2.0"
puppet-inifile	"ASL 2.0"
puppet-ipaclient	"MIT"
puppet-ironic	"ASL 2.0"
puppet-java	"ASL 2.0"
puppet-kafka	"ASL 2.0"
puppet-keepalived	"ASL 2.0"

Package Name	License
puppet-keystone	"ASL 2.0"
puppet-kibana3	"ASL 2.0"
puppet-kmod	"ASL 2.0"
puppet-manila	"ASL 2.0"
puppet-memcached	"ASL 2.0"
puppet-midonet	"ASL 2.0"
puppet-mistral	"ASL 2.0"
puppet-module-data	"ASL 2.0"
puppet-mysql	"ASL 2.0"
puppet-n1k-vsm	"ASL 2.0"
puppet-neutron	"ASL 2.0"
puppet-nova	"ASL 2.0"
puppet-nssdb	"ASL 2.0"
puppet-octavia	"ASL 2.0"
puppet-opendaylight	"BSD-2-Clause"
puppet-openstack_extras	"ASL 2.0"
puppet-openstacklib	"ASL 2.0"
puppet-oslo	"ASL 2.0"
puppet-ovn	"ASL 2.0"
puppet-pacemaker	"ASL 2.0"
puppet-panko	"ASL 2.0"
puppet-placement	"ASL 2.0"
puppet-qdr	"ASL 2.0"

Package Name	License
puppet-rabbitmq	"ASL 2.0"
puppet-redis	"ASL 2.0"
puppet-remote	"ASL 2.0"
puppet-rsync	"ASL 2.0"
puppet-rsyslog	"ASL 2.0"
puppet-sahara	"ASL 2.0"
puppet-server	"ASL 2.0"
puppet-snmp	"ASL 2.0"
puppet-ssh	"ASL 2.0"
puppet-staging	"ASL 2.0"
puppet-stdlib	"ASL 2.0"
puppet-swift	"ASL 2.0"
puppet-sysctl	"GPLv2"
puppet-systemd	"ASL 2.0"
puppet-timezone	"ASL 2.0"
puppet-tomcat	"ASL 2.0"
puppet-tripleo	"ASL 2.0"
puppet-trove	"ASL 2.0"
puppet-vcsrepo	"GPLv2"
puppet-veritas_hyperscale	"ASL 2.0"
puppet-vswitch	"ASL 2.0"
puppet-xinetd	"ASL 2.0"
puppet-zaqar	"ASL 2.0"

Package Name	License
puppet-zookeeper	"ASL 2.0"
python3-adal	"MIT"
python3-alembic	"MIT"
python3-amqp	"BSD"
python3-aniso8601	"GPLv3+"
python3-ansible-runner	"ASL 2.0"
python3-anyjson	"BSD"
python3-aodh	"ASL 2.0"
python3-aodhclient	"ASL 2.0"
python3-appdirs	"MIT"
python3-autobahn	"MIT"
python3-automaton	"ASL 2.0"
python3-barbican	"ASL 2.0"
python3-barbicanclient	"ASL 2.0"
python3-barbican-tests-tempest	"ASL 2.0"
python3-bcrypt	"ASL 2.0 and Public Domain and BSD"
python3-beautifulsoup4	"MIT"
python3-boto	"MIT"
python3-boto3	"ASL 2.0"
python3-botoCore	"ASL 2.0"
python3-Bottleneck	"BSD"
python3-cachetools	"MIT"
python3-castellan	"ASL 2.0"

Package Name	License
python3-ceilometer	"ASL 2.0"
python3-ceilometermiddleware	"ASL 2.0"
python3-certifi	"MPLv2.0"
python3-cinder	"ASL 2.0"
python3-cinderclient	"ASL 2.0"
python3-cinderlib	"ASL 2.0"
python3-cinderlib-tests-functional	"ASL 2.0"
python3-cinder-tests-tempest	"ASL 2.0"
python3-cliff	"ASL 2.0"
python3-cmd2	"MIT"
python3-collectd-gnocchi	"ASL 2.0"
python3-collectd-rabbitmq-monitoring	"ASL 2.0"
python3-colorama	"BSD"
python3-construct	"MIT"
python3-contextlib2	"Python"
python3-cotyledon	"ASL 2.0"
python3-cradox	"LGPLv2"
python3-croniter	"MIT"
python3-crypto	"Public Domain and Python"
python3-cursive	"ASL 2.0"
python3-cycler	"BSD"
python3-Cython	"Python"
python3-daemon	"ASL2.0"

Package Name	License
python3-daiquiri	"ASL 2.0"
python3-dateutil	"BSD"
python3-ddt	"MIT"
python3-debtcollector	"ASL 2.0"
python3-defusedxml	"Python"
python3-designate	"ASL 2.0"
python3-designateclient	"ASL 2.0"
python3-designate-tests-tempest	"ASL 2.0"
python3-dictdiffer	"MIT"
python3-django20	"BSD"
python3-django-appconf	"BSD"
python3-django-compressor	"MIT"
python3-django-debreach	"BSD"
python3-django-horizon	"ASL 2.0 and BSD"
python3-django-pyscss	"BSD"
python3-dogpile-cache	"BSD"
python3-dracclient	"ASL 2.0"
python3-ec2-api	"ASL 2.0"
python3-editor	"ASL 2.0"
python3-etcd3gw	"ASL 2.0"
python3-eventlet	"MIT"
python3-extras	"MIT"
python3-falcon	"ASL 2.0"

Package Name	License
python3-fasteners	"ASL 2.0"
python3-fixtures	"ASL 2.0 or BSD"
python3-flake8	"MIT"
python3-flask	"BSD"
python3-flask-restful	"BSD"
python3-funcsigs	"ASL 2.0"
python3-future	"MIT"
python3-futurist	"ASL 2.0"
python3-gabbi	"ASL 2.0"
python3-gitdb	"BSD"
python3-GitPython	"BSD"
python3-glance	"ASL 2.0"
python3-glanceclient	"ASL 2.0"
python3-glance-store	"ASL 2.0"
python3-gnocchi	"ASL 2.0"
python3-gnocchiclient	"ASL 2.0"
python3-google-auth	"ASL 2.0"
python3-greenlet	"MIT"
python3-gunicorn	"MIT"
python3-hardware	"ASL 2.0"
python3-hardware-detect	"ASL 2.0"
python3-heat-agent	"ASL 2.0"
python3-heat-agent-ansible	"ASL 2.0"

Package Name	License
python3-heat-agent-apply-config	"ASL 2.0"
python3-heat-agent-docker-cmd	"ASL 2.0"
python3-heat-agent-hiera	"ASL 2.0"
python3-heat-agent-json-file	"ASL 2.0"
python3-heat-agent-puppet	"ASL 2.0"
python3-heatclient	"ASL 2.0"
python3-heat-tests-tempest	"ASL 2.0"
python3-horizon-tests-tempest	"ASL 2.0"
python3-lmcSdk	"ASL 2.0"
python3-ironicclient	"ASL 2.0"
python3-ironic-inspector-client	"ASL 2.0"
python3-ironic-lib	"ASL 2.0"
python3-ironic-neutron-agent	"ASL 2.0"
python3-ironic-prometheus-exporter	"ASL 2.0"
python3-ironic-python-agent	"ASL 2.0"
python3-ironic-tests-tempest	"ASL 2.0"
python3-iso8601	"MIT"
python3-json-logger	"BSD"
python3-jsonpath-rw	"ASL 2.0"
python3-jsonpath-rw-ext	"ASL 2.0"
python3-junitxml	"LGPLv3"
python3-kazoo	"ASL 2.0"
python3-kerberos	"ASL 2.0"

Package Name	License
python3-keyring	"MIT and Python"
python3-keystone	"ASL 2.0"
python3-keystoneauth1	"ASL 2.0"
python3-keystoneclient	"ASL 2.0"
python3-keystonemiddleware	"ASL 2.0"
python3-keystone-tests-tempest	"ASL 2.0"
python3-kiwisolver	"BSD"
python3-kombu	"BSD and Python"
python3-kubernetes	"ASL 2.0"
python3-kuryr-tests-tempest	"ASL 2.0"
python3-ldap3	"LGPLv2+"
python3-ldapool	"MPLv1.1 and GPLv2+ and LGPLv2+"
python3-lesscpy	"MIT"
python3-linecache2	"Python"
python3-lockfile	"MIT"
python3-logutils	"BSD"
python3-lz4	"BSD"
python3-magnumclient	"ASL 2.0"
python3-manila	"ASL 2.0"
python3-manilaclient	"ASL 2.0"
python3-manila-tests-tempest	"ASL 2.0"
python3-markupsafe	"BSD"
python3-matplotlib	"Python and MIT"

Package Name	License
python3-matplotlib-data	"Python and MIT"
python3-matplotlib-data-fonts	"OFL and Bitstream Vera and Public Domain"
python3-mccabe	"MIT"
python3-memcached	"Python"
python3-metalsmith	"ASL 2.0"
python3-microversion-parse	"ASL 2.0"
python3-migrate	"MIT"
python3-mimeparse	"MIT"
python3-mistral	"ASL 2.0"
python3-mistralclient	"ASL 2.0"
python3-mistral-lib	"ASL 2.0"
python3-mistral-tests-tempest	"ASL 2.0"
python3-mock	"BSD"
python3-monotonic	"ASL 2.0"
python3-more-itertools	"MIT"
python3-mox3	"ASL 2.0"
python3-msgpack	"ASL 2.0"
python3-munch	"MIT"
python3-netifaces	"MIT"
python3-networking-ansible	"ASL 2.0"
python3-networking-baremetal	"ASL 2.0"
python3-networking-bgpvpn	"ASL 2.0"
python3-networking-bgpvpn-dashboard	"ASL 2.0"

Package Name	License
python3-networking-bgpvpn-heat	"ASL 2.0"
python3-networking-bigswitch	"ASL 2.0"
python3-networking-fujitsu	"ASL 2.0"
python3-networking-l2gw	"ASL 2.0"
python3-networking-l2gw-tests-tempest	"ASL 2.0"
python3-networking-ovn	"ASL 2.0"
python3-networking-ovn-metadata-agent	"ASL 2.0"
python3-networking-ovn-migration-tool	"ASL 2.0"
python3-networking-sfc	"ASL 2.0"
python3-networking-vmware-nsx	"ASL 2.0"
python3-network-runner	"ASL 2.0"
python3-neutron	"ASL 2.0"
python3-neutronclient	"ASL 2.0"
python3-neutron-dynamic-routing	"ASL 2.0"
python3-neutron-lib	"ASL 2.0"
python3-neutron-lib-tests	"ASL 2.0"
python3-neutron-tests-tempest	"ASL 2.0"
python3-nova	"ASL 2.0"
python3-novaclient	"ASL 2.0"
python3-novajoin	"ASL 2.0"
python3-novajoin-tests-tempest	"ASL 2.0"
python3-numexpr	"MIT"
python3-numpy	"BSD"

Package Name	License
python3-numpy-f2py	"BSD and Python"
python3-octavia	"ASL 2.0"
python3-octaviaclient	"ASL 2.0"
python3-octavia-lib	"ASL 2.0"
python3-octavia-tests-tempest	"ASL 2.0"
python3-octavia-tests-tempest-golang	"ASL 2.0"
python3-openshift	"MIT"
python3-openstackclient	"ASL 2.0"
python3-openstacksdk	"ASL 2.0"
python3-os-brick	"ASL 2.0"
python3-osc-lib	"ASL 2.0"
python3-os-client-config	"ASL 2.0"
python3-osc-placement	"ASL 2.0"
python3-os-ken	"ASL 2.0"
python3-oslo-cache	"ASL 2.0"
python3-oslo-concurrency	"ASL 2.0"
python3-oslo-config	"ASL 2.0"
python3-oslo-context	"ASL 2.0"
python3-oslo-db	"ASL 2.0"
python3-oslo-i18n	"ASL 2.0"
python3-oslo-log	"ASL 2.0"
python3-oslo-messaging	"ASL 2.0"
python3-oslo-middleware	"ASL 2.0"

Package Name	License
python3-oslo-policy	"ASL 2.0"
python3-oslo-privsep	"ASL 2.0"
python3-oslo-reports	"ASL 2.0"
python3-oslo-rootwrap	"ASL 2.0"
python3-oslo-serialization	"ASL 2.0"
python3-oslo-service	"ASL 2.0"
python3-oslotest	"ASL 2.0"
python3-oslo-upgradecheck	"ASL 2.0"
python3-oslo-utils	"ASL 2.0"
python3-oslo-versionedobjects	"ASL 2.0"
python3-oslo-vmware	"ASL 2.0"
python3-osprofiler	"ASL 2.0"
python3-os-resource-classes	"ASL 2.0"
python3-os-service-types	"ASL 2.0"
python3-os-testr	"ASL 2.0"
python3-os-traits	"ASL 2.0"
python3-os-vif	"ASL 2.0"
python3-os-win	"ASL 2.0"
python3-os-xenapi	"ASL 2.0"
python3-ovirt-engine-sdk4	"ASL 2.0"
python3-ovsdbapp	"ASL 2.0"
python3-pandas	"BSD"
python3-panko	"ASL 2.0"

Package Name	License
python3-pankoclient	"ASL 2.0"
python3-paramiko	"LGPLv2+"
python3-passlib	"BSD and Beerware and Copyright only"
python3-paste	"MIT and ZPLv2.0 and Python and (AFL or MIT) and (MIT or ASL 2.0)"
python3-paste-deploy	"MIT"
python3-patrole-tests-tempest	"ASL 2.0"
python3-paunch	"ASL 2.0"
python3-pbr	"ASL 2.0"
python3-pecan	"BSD"
python3-pexpect	"MIT"
python3-pint	"BSD"
python3-placement	"ASL 2.0"
python3-pluggy	"MIT"
python3-posix_ipc	"BSD"
python3-proliantutils	"ASL 2.0"
python3-prometheus_client	"ASL 2.0"
python3-protobuf	"BSD"
python3-psutil	"BSD"
python3-pycadf	"ASL 2.0"
python3-pycodestyle	"MIT"
python3-pyeclib	"BSD"
python3-pyflakes	"MIT"

Package Name	License
python3-pyghmi	"ASL 2.0"
python3-pynacl	"ASL 2.0"
python3-pyngus	"ASL 2.0"
python3-pyparsing	"MIT"
python3-pyrabbit2	"MIT"
python3-pyroute2	"GPLv2+"
python3-pysaml2	"ASL 2.0"
python3-pysendfile	"MIT"
python3-pysnmp	"BSD"
python3-pystache	"MIT"
python3-pytest	"MIT"
python3-pytimeparse	"MIT"
python3-pyxattr	"LGPLv2+"
python3-qp-id-proton	"ASL 2.0"
python3-rcssmin	"ASL 2.0"
python3-redis	"MIT"
python3-repoze-lru	"BSD"
python3-requestsexceptions	"ASL 2.0"
python3-requests-kerberos	"MIT"
python3-retrying	"ASL 2.0"
python3-rfc3986	"ASL 2.0"
python3-rhosp-openvswitch	"Public domain"
python3-rjsmin	"ASL 2.0"

Package Name	License
python3-routes	"BSD"
python3-rsa	"ASL 2.0"
python3-rsdclient	"ASL 2.0"
python3-rsd-lib	"ASL 2.0"
python3-ruamel-yaml	"MIT"
python3-s3transfer	"ASL 2.0"
python3-saharaclient	"ASL 2.0"
python3-scciclient	"ASL 2.0"
python3-scrypt	"BSD"
python3-scss	"MIT"
python3-SecretStorage	"BSD"
python3-setproctitle	"BSD"
python3-shade	"ASL 2.0"
python3-simplegeneric	"Python or ZPLv2.1"
python3-simplejson	"(MIT or AFL) and (MIT or GPLv2)"
python3-six	"MIT"
python3-smmap	"BSD"
python3-snappy	"BSD"
python3-sqlalchemy-collectd	"MIT"
python3-sqlalchemy-utils	"BSD"
python3-sqlparse	"BSD"
python3-statsd	"MIT"
python3-stestr	"ASL 2.0"

Package Name	License
python3-stevedore	"ASL 2.0"
python3-string_utils	"MIT"
python3-subunit	"ASL 2.0 or BSD"
python3-sushy	"ASL 2.0"
python3-sushy-oem-idrac	"ASL 2.0"
python3-swift	"ASL 2.0"
python3-swiftclient	"ASL 2.0"
python3-sysv_ipc	"GPLv3+"
python3-tables	"BSD"
python3-tap-as-a-service	"ASL 2.0"
python3-taskflow	"ASL 2.0"
python3-telemetry-tests-tempest	"ASL 2.0"
python3-tempest	"ASL 2.0"
python3-tempestconf	"ASL 2.0"
python3-tempest-tests	"ASL 2.0"
python3-tempita	"MIT"
python3-tenacity	"ASL 2.0"
python3-testrepository	"ASL 2.0"
python3-testscenarios	"ASL 2.0 and BSD"
python3-testtools	"MIT"
python3-tinyrpc	"MIT"
python3-tooz	"ASL 2.0"
python3-traceback2	"Python"

Package Name	License
python3-tripleoclient	"ASL 2.0"
python3-tripleoclient-heat-installer	"ASL 2.0"
python3-tripleo-common	"ASL 2.0"
python3-tripleo-common-tests-tempest	"ASL 2.0"
python3-trollius	"ASL 2.0"
python3-troveclient	"ASL 2.0"
python3-twisted	"MIT"
python3-txaio	"MIT"
python3-ujson	"BSD"
python3-unittest2	"BSD"
python3-urllib-gssapi	"ASL 2.0"
python3-validations-libs	"ASL 2.0"
python3-versiontools	"LGPLv3"
python3-vine	"BSD"
python3-vmware-nxlib	"ASL 2.0"
python3-voluptuous	"BSD"
python3-waitress	"ZPLv2.1"
python3-warlock	"ASL 2.0"
python3-webob	"MIT"
python3-websocket-client	"BSD"
python3-websockify	"LGPLv3"
python3-webtest	"MIT"
python3-werkzeug	"BSD"

Package Name	License
python3-wrapt	"BSD"
python3-wsaccel	"ASL 2.0"
python3-wsgi_intercept	"MIT"
python3-wsme	"MIT"
python3-XStatic	"MIT"
python3-XStatic-Angular	"MIT"
python3-XStatic-Angular-Bootstrap	"MIT"
python3-XStatic-Angular-FileUpload	"MIT"
python3-XStatic-Angular-Gettext	"MIT"
python3-XStatic-Angular-Irdragndrop	"MIT"
python3-XStatic-Angular-Schema-Form	"MIT"
python3-XStatic-Angular-UUID	"MIT"
python3-XStatic-Angular-Vis	"MIT"
python3-XStatic-Bootstrap-Datepicker	"ASL 2.0"
python3-XStatic-Bootstrap-SCSS	"MIT"
python3-XStatic-bootstrap	"MIT"
python3-XStatic-D3	"BSD"
python3-XStatic-FileSaver	"MIT"
python3-XStatic-Font-Awesome	"OFL and MIT"
python3-XStatic-Hogan	"ASL 2.0"
python3-XStatic-Jasmine	"MIT"
python3-XStatic-jQuery224	"MIT"
python3-XStatic-JQuery-Migrate	"MIT"

Package Name	License
python3-XStatic-JQuery-quicksearch	"MIT"
python3-XStatic-JQuery-TableSorter	"MIT"
python3-XStatic-jquery-ui	"CC0"
python3-XStatic-JSEncrypt	"MIT"
python3-XStatic-Json2yaml	"MIT"
python3-XStatic-JS-Yaml	"MIT"
python3-XStatic-Magic-Search	"ASL 2.0"
python3-XStatic-mdi	"OFL"
python3-XStatic-objectpath	"MIT"
python3-XStatic-Rickshaw	"MIT"
python3-XStatic-roboto-fontface	"ASL 2.0"
python3-XStatic-smart-table	"MIT"
python3-XStatic-Spin	"MIT"
python3-XStatic-termjs	"MIT"
python3-XStatic-tv4	"Public Domain"
python3-yappi	"MIT"
python3-yaql	"ASL 2.0"
python3-zake	"ASL 2.0"
python3-zaqarclient	"ASL 2.0"
python3-zaqar-tests-tempest	"ASL 2.0"
python3-zeroconf	"LGPLv2"
python3-zope-event	"ZPLv2.1"
python3-zope-interface	"ZPLv2.1"

Package Name	License
python-django20-bash-completion	"BSD"
python-openstackclient-lang	"ASL 2.0"
python-oslo-cache-lang	"ASL 2.0"
python-oslo-concurrency-lang	"ASL 2.0"
python-oslo-db-lang	"ASL 2.0"
python-oslo-i18n-lang	"ASL 2.0"
python-oslo-log-lang	"ASL 2.0"
python-oslo-middleware-lang	"ASL 2.0"
python-oslo-policy-lang	"ASL 2.0"
python-oslo-privsep-lang	"ASL 2.0"
python-oslo-utils-lang	"ASL 2.0"
python-oslo-versionedobjects-lang	"ASL 2.0"
python-oslo-vmware-lang	"ASL 2.0"
python-pycadf-common	"ASL 2.0"
qpid-dispatch-router	"ASL 2.0"
qpid-dispatch-tools	"ASL 2.0"
qpid-proton-c	"ASL 2.0"
rabbitmq-server	"MPLv1.1"

Package Name	License
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"
rhosp-director-images-all	"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"
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"

Package Name	License
rhosp-director-images-ipa-ppc64le	"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"
rhosp-director-images-ipa-x86_64	"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"
rhosp-director-images-minimal	"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"

Package Name	License
rhosp-director-images-ppc64le	"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"
rhosp-director-images-x86_64	"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"
rhosp-openvswitch	"Public domain"
rhosp-ovn	"Public domain"
rhosp-ovn-host	"Public domain"
rhosp-ovn-vtep	"Public domain"
rhosp-release	"GPLv2"
roboto-fontface-common	"ASL 2.0"
roboto-fontface-fonts	"ASL 2.0"
ruby-augeas	"LGPLv2+"

Package Name	License
ruby-facter	"ASL 2.0"
rubygem-pathspect	"ASL 2.0"
rubygem-rgen	"MIT"
ruby-shadow	"Public Domain"
subunit-filters	"ASL 2.0 or BSD"
sysbench	"GPLv2+"
tripleo-ansible	"ASL 2.0"
validations-common	"ASL 2.0"
web-assets-filesystem	"Public Domain"
web-assets-httpd	"MIT"
xstatic-angular-bootstrap-common	"MIT"
XStatic-Angular-common	"MIT"
xstatic-angular-fileupload-common	"MIT"
xstatic-angular-gettext-common	"MIT"
xstatic-angular-lrdragndrop-common	"MIT"
xstatic-angular-schema-form-common	"MIT"
xstatic-angular-uuid-common	"MIT"
xstatic-angular-vis-common	"MIT"
xstatic-bootstrap-datepicker-common	"ASL 2.0"
xstatic-bootstrap-scss-common	"MIT"
xstatic-d3-common	"BSD"
xstatic-filesaver-common	"MIT"
xstatic-hogan-common	"ASL 2.0"

Package Name	License
xstatic-jasmine-common	"MIT"
xstatic-jquery-migrate-common	"MIT"
xstatic-jquery-quicksearch-common	"MIT"
xstatic-jquery-tablesorter-common	"MIT"
xstatic-jquery-ui-common	"CC0"
xstatic-jsencrypt-common	"MIT"
xstatic-json2yaml-common	"MIT"
xstatic-js-yaml-common	"MIT"
XStatic-Magic-Search-common	"ASL 2.0"
xstatic-objectpath-common	"MIT"
xstatic-rickshaw-common	"MIT"
xstatic-smart-table-common	"MIT"
xstatic-spin-common	"MIT"
xstatic-termjs-common	"MIT"
xstatic-tv4-common	"Public Domain"
yaml-cpp	"MIT"

3.2. RED HAT OPENSTACK PLATFORM 16.1 CINDERLIB FOR RHEL 8 FOR POWER, LITTLE ENDIAN (RPMS)

The following table outlines the packages included in the **openstack-16.1-cinderlib-for-rhel-8-ppc64le-rpms** repository.

Table 3.2. Red Hat OpenStack Platform 16.1 Cinderlib for RHEL 8 for Power, little endian (RPMs) Packages

Name	Version	Advisory
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Name	Version	Advisory
python3-os-brick	2.10.3-0.20200605063443.55fc998.el8ost	RHBA-2020:3542

3.3. RED HAT OPENSTACK PLATFORM 16.1 CINDERLIB FOR RHEL 8 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-16.1-cinderlib-for-rhel-8-x86_64-rpms** repository.

Table 3.3. Red Hat OpenStack Platform 16.1 Cinderlib for RHEL 8 x86_64 (RPMs) Packages

Name	Version	Advisory
python3-os-brick	2.10.3-0.20200605063443.55fc998.el8ost	RHBA-2020:3542

3.4. RED HAT OPENSTACK PLATFORM 16.1 DIRECTOR DEPLOYMENT TOOLS FOR RHEL 8 FOR POWER, LITTLE ENDIAN (RPMS)

The following table outlines the packages included in the **openstack-16.1-deployment-tools-for-rhel-8-ppc64le-rpms** repository.

Table 3.4. Red Hat OpenStack Platform 16.1 Director Deployment Tools for RHEL 8 for Power, little endian (RPMs) Packages

Name	Version	Advisory
puppet-tripleo	11.5.0-0.20200616033428.8ff1c6a.el8ost	RHBA-2020:3542
rhosp-director-images-minimal	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-release	16.1.1-1.el8ost	RHBA-2020:3569

3.5. RED HAT OPENSTACK PLATFORM 16.1 DIRECTOR DEPLOYMENT TOOLS FOR RHEL 8 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-16.1-deployment-tools-for-rhel-8-x86_64-rpms** repository.

Table 3.5. Red Hat OpenStack Platform 16.1 Director Deployment Tools for RHEL 8 x86_64 (RPMs) Packages

Name	Version	Advisory
puppet-tripleo	11.5.0-0.20200616033428.8ff1c6a.el8ost	RHBA-2020:3542
rhosp-director-images-minimal	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-release	16.11-1.el8ost	RHBA-2020:3569

3.6. RED HAT OPENSTACK PLATFORM 16.1 FOR RHEL 8 FOR POWER, LITTLE ENDIAN (RPMS)

The following table outlines the packages included in the **openstack-16.1-for-rhel-8-ppc64le-rpms** repository.

Table 3.6. Red Hat OpenStack Platform 16.1 for RHEL 8 for Power, little endian (RPMs) Packages

Name	Version	Advisory
octavia-amphora-image-x86_64	16.1-20200812.3.el8ost	RHBA-2020:3571
openstack-glance	19.0.3-0.20200421223424.3e16bc7.el8ost	RHBA-2020:3570
openstack-nova	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-api	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-common	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-compute	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-conductor	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-console	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572

Name	Version	Advisory
openstack-nova-migration	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-novncproxy	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-scheduler	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-serialproxy	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-spicehtml5proxy	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-tripleo-common	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
openstack-tripleo-common-container-base	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
openstack-tripleo-common-containers	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
openstack-tripleo-common-devtools	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
openstack-tripleo-heat-templates	11.3.2-0.20200616081539.396affd.el8ost	RHBA-2020:3542
openstack-tripleo-validations	11.3.2-0.20200611115253.08f469d.el8ost	RHBA-2020:3542
puppet-tripleo	11.5.0-0.20200616033428.8ff1c6a.el8ost	RHBA-2020:3542
python3-glance	19.0.3-0.20200421223424.3e16bc7.el8ost	RHBA-2020:3570

Name	Version	Advisory
python3-networking-ovn	7.2.1-0.20200611133439.15f2281.el8ost	RHBA-2020:3568
python3-networking-ovn-metadata-agent	7.2.1-0.20200611133439.15f2281.el8ost	RHBA-2020:3568
python3-networking-ovn-migration-tool	7.2.1-0.20200611133439.15f2281.el8ost	RHBA-2020:3568
python3-nova	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
python3-os-brick	2.10.3-0.20200605063443.55fc998.el8ost	RHBA-2020:3542
python3-tripleo-common	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
rhosp-director-images	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-all	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-ipa	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-ipa-ppc64le	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-ipa-x86_64	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-minimal	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-ppc64le	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-x86_64	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-release	16.11-1.el8ost	RHBA-2020:3569
tripleo-ansible	0.5.1-0.20200611113659.34b8fcc.el8ost	RHBA-2020:3542

3.7. RED HAT OPENSTACK PLATFORM 16.1 FOR RHEL 8 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-16.1-for-rhel-8-x86_64-rpms** repository.

Table 3.7. Red Hat OpenStack Platform 16.1 for RHEL 8 x86_64 (RPMs) Packages

Name	Version	Advisory
octavia-amphora-image-x86_64	16.1-20200812.3.el8ost	RHBA-2020:3571
openstack-glance	19.0.3-0.20200421223424.3e16bc7.el8ost	RHBA-2020:3570
openstack-nova	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-api	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-common	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-compute	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-conductor	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-console	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-migration	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-novncproxy	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-scheduler	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572

Name	Version	Advisory
openstack-nova-serialproxy	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-spicehtml5proxy	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-tripleo-common	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
openstack-tripleo-common-container-base	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
openstack-tripleo-common-containers	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
openstack-tripleo-common-devtools	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
openstack-tripleo-heat-templates	11.3.2-0.20200616081539.396affd.el8ost	RHBA-2020:3542
openstack-tripleo-validations	11.3.2-0.20200611115253.08f469d.el8ost	RHBA-2020:3542
puppet-tripleo	11.5.0-0.20200616033428.8ff1c6a.el8ost	RHBA-2020:3542
python3-glance	19.0.3-0.20200421223424.3e16bc7.el8ost	RHBA-2020:3570
python3-networking-ovn	7.2.1-0.20200611133439.15f2281.el8ost	RHBA-2020:3568
python3-networking-ovn-metadata-agent	7.2.1-0.20200611133439.15f2281.el8ost	RHBA-2020:3568
python3-networking-ovn-migration-tool	7.2.1-0.20200611133439.15f2281.el8ost	RHBA-2020:3568
python3-nova	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572

Name	Version	Advisory
python3-os-brick	2.10.3-0.20200605063443.55fc998.el8ost	RHBA-2020:3542
python3-tripleo-common	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
rhosp-director-images	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-all	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-ipa	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-ipa-ppc64le	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-ipa-x86_64	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-minimal	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-ppc64le	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-x86_64	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-release	16.1.1-1.el8ost	RHBA-2020:3569
tripleo-ansible	0.5.1-0.20200611113659.34b8fcc.el8ost	RHBA-2020:3542

CHAPTER 4. RED HAT OPENSTACK PLATFORM 16.1.2

This section outlines the packages shipped in each repository released with the general availability of Red Hat OpenStack Platform 16.1.2.

4.1. PACKAGE LIST

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

Table 4.1. Package List

Package Name	License
ansible-collections-openstack	GPLv3+
ansible-config_template	ASL 2.0
ansible-pacemaker	ASL 2.0
ansible-role-atos-hsm	ASL 2.0
ansible-role-chrony	ASL 2.0
ansible-role-container-registry	ASL 2.0
ansible-role-lunasa-hsm	ASL 2.0
ansible-role-network-runner	ASL 2.0
ansible-role-openstack-ml2	ASL 2.0
ansible-role-openstack-operations	ASL 2.0
ansible-role-redhat-subscription	ASL 2.0
ansible-role-thales-hsm	ASL 2.0
ansible-role-tripleo-modify-image	ASL 2.0
ansible-tripleo-ipa	ASL 2.0
ansible-tripleo-ipsec	GPLv3+
blosc	MIT
bootswatch-common	MIT

Package Name	License
bootswatch-fonts	MIT
collectd	MIT and GPLv2
collectd-amqp1	MIT and GPLv2
collectd-connectivity	MIT and GPLv2
collectd-dbi	MIT and GPLv2
collectd-dpdk_telemetry	MIT and GPLv2
collectd-hugepages	MIT and GPLv2
collectd-mcelog	MIT and GPLv2
collectd-ovs-events	MIT and GPLv2
collectd-ovs-stats	MIT and GPLv2
collectd-pcie-errors	MIT and GPLv2
collectd-ping	MIT and GPLv2
collectd-pmu	MIT and GPLv2
collectd-procevent	MIT and GPLv2
collectd-python	MIT and GPLv2
collectd-rdt	MIT and GPLv2
collectd-sensubility	ASL 2.0
collectd-snmp-agent	MIT and GPLv2
collectd-sysevent	MIT and GPLv2
collectd-turbostat	MIT and GPLv2
cpp-hocon	ASL 2.0
crudini	GPLv2
dibbler-client	GPLv2

Package Name	License
dibbler-relay	GPLv2
dibbler-requestor	GPLv2
dibbler-server	GPLv2
dib-utils	ASL 2.0
diskimage-builder	ASL 2.0
dumb-init	MIT
elixir	ASL 2.0
erlang-asn1	ASL 2.0
erlang-compiler	ASL 2.0
erlang-crypto	ASL 2.0
erlang-eldap	ASL 2.0
erlang-erts	ASL 2.0
erlang-hipe	ASL 2.0
erlang-inets	ASL 2.0
erlang-kernel	ASL 2.0
erlang-mnesia	ASL 2.0
erlang-os_mon	ASL 2.0
erlang-otp_mibs	ASL 2.0
erlang-parsetools	ASL 2.0
erlang-public_key	ASL 2.0
erlang-runtime_tools	ASL 2.0
erlang-sasl	ASL 2.0
erlang-sd_notify	MIT

Package Name	License
erlang-snmp	ASL 2.0
erlang-ssl	ASL 2.0
erlang-stdlib	ASL 2.0
erlang-syntax_tools	ASL 2.0
erlang-tools	ASL 2.0
erlang-xmerl	ASL 2.0
etcd	ASL 2.0
factor	ASL 2.0
fontawesome-fonts	OFL
fontawesome-fonts-web	OFL and MIT
gnocchi-api	ASL 2.0
gnocchi-common	ASL 2.0
gnocchi-metricd	ASL 2.0
gnocchi-statsd	ASL 2.0
golang-github-BurntSushi-toml-devel	BSD
golang-github-davecgh-go-spew-devel	ISC
golang-github-golang-sys-devel	BSD
golang-github-pmezard-go-difflib-devel	BSD
golang-github-Sirupsen-logrus-devel	MIT
golang-github-stretchr-objx-devel	MIT
golang-github-stretchr-testify-devel	MIT
golang-github-urfave-cli-devel	MIT
golang-github-vbatts-tar-split	BSD

Package Name	License
golang-golangorg-crypto-devel	BSD
golang-gopkg-check-devel	BSD
golang-gopkg-yaml-devel	LGPLv3 with exceptions
golang-gopkg-yaml-devel-v2	LGPLv3 with exceptions
hdf5	BSD
heat-cfnutils	ASL 2.0
hier	ASL 2.0
intel-cmt-cat	BSD
jevents	GPLv2 and BSD
kuryr-binding-scripts	ASL 2.0
leatherman	ASL 2.0 and MIT
libdbi	LGPLv2+
liberasurecode	BSD and CRC32
liboping	GPLv2
libqhull	Qhull
libsodium	ISC
libwebsockets	LGPLv2 and Public Domain and BSD and MIT and zlib
mdi-common	OFL
mdi-fonts	OFL
ndisc6	GPLv2 or GPLv3
novnc	GPLv3

Package Name	License
octavia-amphora-image-x86_64	"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"
openstack-aodh-api	ASL 2.0
openstack-aodh-common	ASL 2.0
openstack-aodh-compatible	ASL 2.0
openstack-aodh-evaluator	ASL 2.0
openstack-aodh-expirer	ASL 2.0
openstack-aodh-listener	ASL 2.0
openstack-aodh-notifier	ASL 2.0
openstack-barbican	ASL 2.0
openstack-barbican-api	ASL 2.0
openstack-barbican-common	ASL 2.0
openstack-barbican-keystone-listener	ASL 2.0
openstack-barbican-worker	ASL 2.0
openstack-ceilometer-central	ASL 2.0
openstack-ceilometer-common	ASL 2.0
openstack-ceilometer-compute	ASL 2.0

Package Name	License
openstack-ceilometer-ipmi	ASL 2.0
openstack-ceilometer-notification	ASL 2.0
openstack-ceilometer-polling	ASL 2.0
openstack-cinder	ASL 2.0
openstack-dashboard	ASL 2.0 and BSD
openstack-dashboard-theme	ASL 2.0
openstack-designate-agent	ASL 2.0
openstack-designate-api	ASL 2.0
openstack-designate-central	ASL 2.0
openstack-designate-common	ASL 2.0
openstack-designate-mdns	ASL 2.0
openstack-designate-producer	ASL 2.0
openstack-designate-sink	ASL 2.0
openstack-designate-worker	ASL 2.0
openstack-ec2-api	ASL 2.0
openstack-glance	ASL 2.0
openstack-heat-agents	ASL 2.0
openstack-heat-api	ASL 2.0
openstack-heat-api-cfn	ASL 2.0
openstack-heat-common	ASL 2.0
openstack-heat-engine	ASL 2.0
openstack-heat-monolith	ASL 2.0
openstack-heat-ui	ASL 2.0

Package Name	License
openstack-ironic-api	ASL 2.0
openstack-ironic-common	ASL 2.0
openstack-ironic-conductor	ASL 2.0
openstack-ironic-inspector	ASL 2.0
openstack-ironic-inspector-dnsmasq	ASL 2.0
openstack-ironic-python-agent	ASL 2.0
openstack-ironic-python-agent-builder	ASL 2.0
openstack-ironic-staging-drivers	ASL 2.0
openstack-ironic-ui	ASL 2.0
openstack-keystone	ASL 2.0
openstack-manila	ASL 2.0
openstack-manila-share	ASL 2.0
openstack-manila-ui	ASL 2.0
openstack-mistral-all	ASL 2.0
openstack-mistral-api	ASL 2.0
openstack-mistral-common	ASL 2.0
openstack-mistral-engine	ASL 2.0
openstack-mistral-event-engine	ASL 2.0
openstack-mistral-executor	ASL 2.0
openstack-mistral-notifier	ASL 2.0
openstack-neutron	ASL 2.0
openstack-neutron-bgp-dragent	ASL 2.0
openstack-neutron-bigswitch-agent	ASL 2.0

Package Name	License
openstack-neutron-common	ASL 2.0
openstack-neutron-dynamic-routing-common	ASL 2.0
openstack-neutron-l2gw-agent	ASL 2.0
openstack-neutron-linuxbridge	ASL 2.0
openstack-neutron-macvtap-agent	ASL 2.0
openstack-neutron-metering-agent	ASL 2.0
openstack-neutron-ml2	ASL 2.0
openstack-neutron-openvswitch	ASL 2.0
openstack-neutron-rpc-server	ASL 2.0
openstack-neutron-sriov-nic-agent	ASL 2.0
openstack-nova	ASL 2.0
openstack-nova-api	ASL 2.0
openstack-nova-common	ASL 2.0
openstack-nova-compute	ASL 2.0
openstack-nova-conductor	ASL 2.0
openstack-nova-console	ASL 2.0
openstack-nova-migration	ASL 2.0
openstack-nova-novncproxy	ASL 2.0
openstack-nova-scheduler	ASL 2.0
openstack-nova-serialproxy	ASL 2.0
openstack-nova-spicehtml5proxy	ASL 2.0
openstack-octavia-amphora-agent	ASL 2.0
openstack-octavia-api	ASL 2.0

Package Name	License
openstack-octavia-common	ASL 2.0
openstack-octavia-diskimage-create	ASL 2.0
openstack-octavia-health-manager	ASL 2.0
openstack-octavia-housekeeping	ASL 2.0
openstack-octavia-ui	ASL 2.0
openstack-octavia-worker	ASL 2.0
openstack-panko-api	ASL 2.0
openstack-panko-common	ASL 2.0
openstack-placement-api	ASL 2.0
openstack-placement-common	ASL 2.0
openstack-selinux	GPLv2
openstack-swift-account	ASL 2.0
openstack-swift-container	ASL 2.0
openstack-swift-object	ASL 2.0
openstack-swift-proxy	ASL 2.0
openstack-tempest	ASL 2.0
openstack-tempest-all	ASL 2.0
openstack-tripleo-common	ASL 2.0
openstack-tripleo-common-container-base	ASL 2.0
openstack-tripleo-common-containers	ASL 2.0
openstack-tripleo-common-devtools	ASL 2.0
openstack-tripleo-heat-templates	ASL 2.0
openstack-tripleo-image-elements	ASL 2.0

Package Name	License
openstack-tripleo-puppet-elements	ASL 2.0
openstack-tripleo-validations	ASL 2.0
openstack-zaqar	ASL 2.0
os-apply-config	ASL 2.0
os-collect-config	ASL 2.0
os-net-config	ASL 2.0
os-refresh-config	ASL 2.0
paunch-services	ASL 2.0
plotnetcfg	GPLv2+
pmu-data	GPLv2 and BSD
pmu-tools	GPLv2 and BSD
puppet	ASL 2.0
puppet-aodh	ASL 2.0
puppet-apache	ASL 2.0
puppet-archive	ASL 2.0
puppet-auditd	BSD
puppet-barbican	ASL 2.0
puppet-cassandra	ASL 2.0
puppet-ceilometer	ASL 2.0
puppet-ceph	ASL 2.0
puppet-certmonger	ASL 2.0
puppet-cinder	ASL 2.0
puppet-collectd	ASL 2.0

Package Name	License
puppet-concat	ASL 2.0
puppet-contrail	ASL 2.0
puppet-corosync	ASL 2.0
puppet-datacat	ASL 2.0
puppet-designate	ASL 2.0
puppet-dns	ASL 2.0
puppet-ec2api	ASL 2.0
puppet-elasticsearch	ASL 2.0
puppet-etcd	ASL 2.0
puppet-fdio	ASL 2.0
puppet-firewall	ASL 2.0
puppet-git	ASL 2.0
puppet-glance	ASL 2.0
puppet-gnocchi	ASL 2.0
puppet-haproxy	ASL 2.0
puppet-headless	ASL 2.0
puppet-heat	ASL 2.0
puppet-horizon	ASL 2.0
puppet-inifile	ASL 2.0
puppet-ipaclient	MIT
puppet-ironic	ASL 2.0
puppet-java	ASL 2.0
puppet-kafka	ASL 2.0

Package Name	License
puppet-keepalived	ASL 2.0
puppet-keystone	ASL 2.0
puppet-kibana3	ASL 2.0
puppet-kmod	ASL 2.0
puppet-manila	ASL 2.0
puppet-memcached	ASL 2.0
puppet-midonet	ASL 2.0
puppet-mistral	ASL 2.0
puppet-module-data	ASL 2.0
puppet-mysql	ASL 2.0
puppet-n1k-vsm	ASL 2.0
puppet-neutron	ASL 2.0
puppet-nova	ASL 2.0
puppet-nssdb	ASL 2.0
puppet-octavia	ASL 2.0
puppet-opendaylight	BSD-2-Clause
puppet-openstack_extras	ASL 2.0
puppet-openstacklib	ASL 2.0
puppet-oslo	ASL 2.0
puppet-ovn	ASL 2.0
puppet-pacemaker	ASL 2.0
puppet-panko	ASL 2.0
puppet-placement	ASL 2.0

Package Name	License
puppet-qdr	ASL 2.0
puppet-rabbitmq	ASL 2.0
puppet-redis	ASL 2.0
puppet-remote	ASL 2.0
puppet-rsync	ASL 2.0
puppet-rsyslog	ASL 2.0
puppet-sahara	ASL 2.0
puppet-server	ASL 2.0
puppet-snmp	ASL 2.0
puppet-ssh	ASL 2.0
puppet-staging	ASL 2.0
puppet-stdlib	ASL 2.0
puppet-swift	ASL 2.0
puppet-sysctl	GPL-2.0
puppet-systemd	ASL 2.0
puppet-timezone	ASL 2.0
puppet-tomcat	ASL 2.0
puppet-tripleo	ASL 2.0
puppet-trove	ASL 2.0
puppet-vcsrepo	GPLv2
puppet-veritas_hyperscale	ASL 2.0
puppet-vswitch	ASL 2.0
puppet-xinetd	ASL 2.0

Package Name	License
puppet-zaqar	ASL 2.0
puppet-zookeeper	ASL 2.0
python3-adal	MIT
python3-alembic	MIT
python3-amqp	BSD
python3-aniso8601	GPLv3+
python3-ansible-runner	ASL 2.0
python3-anyjson	BSD
python3-aodh	ASL 2.0
python3-aodhclient	ASL 2.0
python3-appdirs	MIT
python3-autobahn	MIT
python3-automaton	ASL 2.0
python3-barbican	ASL 2.0
python3-barbicanclient	ASL 2.0
python3-barbican-tests-tempest	ASL 2.0
python3-bcrypt	ASL 2.0 and Public Domain and BSD
python3-beautifulsoup4	MIT
python3-boto	MIT
python3-boto3	ASL 2.0
python3-botoCore	ASL 2.0
python3-Bottleneck	BSD
python3-cachetools	MIT

Package Name	License
python3-castellan	ASL 2.0
python3-ceilometer	ASL 2.0
python3-ceilometermiddleware	ASL 2.0
python3-certifi	MPLv2.0
python3-cinder	ASL 2.0
python3-cinderclient	ASL 2.0
python3-cinderlib	ASL 2.0
python3-cinderlib-tests-functional	ASL 2.0
python3-cinder-tests-tempest	ASL 2.0
python3-cliff	ASL 2.0
python3-cmd2	MIT
python3-collectd-gnocchi	ASL 2.0
python3-collectd-rabbitmq-monitoring	ASL 2.0
python3-colorama	BSD
python3-construct	MIT
python3-contextlib2	Python
python3-cotyledon	ASL 2.0
python3-cradox	LGPLv2
python3-croniter	MIT
python3-crypto	Public Domain and Python
python3-cursive	ASL 2.0
python3-cycler	BSD
python3-Cython	Python

Package Name	License
python3-daemon	ASL2.0
python3-daiquiri	ASL 2.0
python3-dateutil	BSD
python3-ddt	MIT
python3-debtcollector	ASL 2.0
python3-defusedxml	Python
python3-designate	ASL 2.0
python3-designateclient	ASL 2.0
python3-designate-tests-tempest	ASL 2.0
python3-dictdiffer	MIT
python3-django20	BSD
python3-django-appconf	BSD
python3-django-compressor	MIT
python3-django-debreach	BSD
python3-django-horizon	ASL 2.0 and BSD
python3-django-pyscss	BSD
python3-dogpile-cache	BSD
python3-dracclient	ASL 2.0
python3-ec2-api	ASL 2.0
python3-editor	ASL 2.0
python3-etcd3gw	ASL 2.0
python3-eventlet	MIT
python3-extras	MIT

Package Name	License
python3-falcon	ASL 2.0
python3-fasteners	ASL 2.0
python3-fixtures	ASL 2.0 or BSD
python3-flake8	MIT
python3-flask	BSD
python3-flask-restful	BSD
python3-funcsigs	ASL 2.0
python3-future	MIT
python3-futurist	ASL 2.0
python3-gabbi	ASL 2.0
python3-gitdb	BSD
python3-GitPython	BSD
python3-glance	ASL 2.0
python3-glanceclient	ASL 2.0
python3-glance-store	ASL 2.0
python3-gnocchi	ASL 2.0
python3-gnocchiclient	ASL 2.0
python3-google-auth	ASL 2.0
python3-greenlet	MIT
python3-gunicorn	MIT
python3-hardware	ASL 2.0
python3-hardware-detect	ASL 2.0
python3-heat-agent	ASL 2.0

Package Name	License
python3-heat-agent-ansible	ASL 2.0
python3-heat-agent-apply-config	ASL 2.0
python3-heat-agent-docker-cmd	ASL 2.0
python3-heat-agent-hiera	ASL 2.0
python3-heat-agent-json-file	ASL 2.0
python3-heat-agent-puppet	ASL 2.0
python3-heatclient	ASL 2.0
python3-heat-tests-tempest	ASL 2.0
python3-horizon-tests-tempest	ASL 2.0
python3-lmcSdk	ASL 2.0
python3-ironicclient	ASL 2.0
python3-ironic-inspector-client	ASL 2.0
python3-ironic-lib	ASL 2.0
python3-ironic-neutron-agent	ASL 2.0
python3-ironic-prometheus-exporter	ASL 2.0
python3-ironic-python-agent	ASL 2.0
python3-ironic-tests-tempest	ASL 2.0
python3-iso8601	MIT
python3-json-logger	BSD
python3-jsonpath-rw	ASL 2.0
python3-jsonpath-rw-ext	ASL 2.0
python3-junitxml	LGPLv3
python3-kazoo	ASL 2.0

Package Name	License
python3-kerberos	ASL 2.0
python3-keyring	MIT and Python
python3-keystone	ASL 2.0
python3-keystoneauth1	ASL 2.0
python3-keystoneclient	ASL 2.0
python3-keystonemiddleware	ASL 2.0
python3-keystone-tests-tempest	ASL 2.0
python3-kiwisolver	BSD
python3-kombu	BSD and Python
python3-kubernetes	ASL 2.0
python3-kuryr-tests-tempest	ASL 2.0
python3-ldap3	LGPLv2+
python3-ldapool	MPLv1.1 and GPLv2+ and LGPLv2+
python3-lesscpy	MIT
python3-linecache2	Python
python3-lockfile	MIT
python3-logutils	BSD
python3-lz4	BSD
python3-magnumclient	ASL 2.0
python3-manila	ASL 2.0
python3-manilaclient	ASL 2.0
python3-manila-tests-tempest	ASL 2.0
python3-markupsafe	BSD

Package Name	License
python3-matplotlib	Python and MIT
python3-matplotlib-data	Python and MIT
python3-matplotlib-data-fonts	OFL and Bitstream Vera and Public Domain
python3-mccabe	MIT
python3-memcached	Python
python3-metalsmith	ASL 2.0
python3-microversion-parse	ASL 2.0
python3-migrate	MIT
python3-mimeparse	MIT
python3-mistral	ASL 2.0
python3-mistralclient	ASL 2.0
python3-mistral-lib	ASL 2.0
python3-mistral-tests-tempest	ASL 2.0
python3-mock	BSD
python3-monotonic	ASL 2.0
python3-more-itertools	MIT
python3-mox3	ASL 2.0
python3-msgpack	ASL 2.0
python3-munch	MIT
python3-netifaces	MIT
python3-networking-ansible	ASL 2.0
python3-networking-baremetal	ASL 2.0
python3-networking-bgpvpn	ASL 2.0

Package Name	License
python3-networking-bgpvpn-dashboard	ASL 2.0
python3-networking-bgpvpn-heat	ASL 2.0
python3-networking-bigswitch	ASL 2.0
python3-networking-fujitsu	ASL 2.0
python3-networking-l2gw	ASL 2.0
python3-networking-l2gw-tests-tempest	ASL 2.0
python3-networking-ovn	ASL 2.0
python3-networking-ovn-metadata-agent	ASL 2.0
python3-networking-ovn-migration-tool	ASL 2.0
python3-networking-sfc	ASL 2.0
python3-networking-vmware-nsx	ASL 2.0
python3-network-runner	ASL 2.0
python3-neutron	ASL 2.0
python3-neutronclient	ASL 2.0
python3-neutron-dynamic-routing	ASL 2.0
python3-neutron-lib	ASL 2.0
python3-neutron-lib-tests	ASL 2.0
python3-neutron-tests-tempest	ASL 2.0
python3-nova	ASL 2.0
python3-novaclient	ASL 2.0
python3-novajoin	ASL 2.0
python3-novajoin-tests-tempest	ASL 2.0
python3-numexpr	MIT

Package Name	License
python3-numpy	BSD
python3-numpy-f2py	BSD and Python
python3-octavia	ASL 2.0
python3-octaviaclient	ASL 2.0
python3-octavia-lib	ASL 2.0
python3-octavia-tests-tempest	ASL 2.0
python3-octavia-tests-tempest-golang	ASL 2.0
python3-openshift	MIT
python3-openstackclient	ASL 2.0
python3-openstacksdk	ASL 2.0
python3-os-brick	ASL 2.0
python3-osc-lib	ASL 2.0
python3-os-client-config	ASL 2.0
python3-osc-placement	ASL 2.0
python3-os-ken	ASL 2.0
python3-oslo-cache	ASL 2.0
python3-oslo-concurrency	ASL 2.0
python3-oslo-config	ASL 2.0
python3-oslo-context	ASL 2.0
python3-oslo-db	ASL 2.0
python3-oslo-i18n	ASL 2.0
python3-oslo-log	ASL 2.0
python3-oslo-messaging	ASL 2.0

Package Name	License
python3-oslo-middleware	ASL 2.0
python3-oslo-policy	ASL 2.0
python3-oslo-privsep	ASL 2.0
python3-oslo-reports	ASL 2.0
python3-oslo-rootwrap	ASL 2.0
python3-oslo-serialization	ASL 2.0
python3-oslo-service	ASL 2.0
python3-oslotest	ASL 2.0
python3-oslo-upgradecheck	ASL 2.0
python3-oslo-utils	ASL 2.0
python3-oslo-versionedobjects	ASL 2.0
python3-oslo-vmware	ASL 2.0
python3-osprofiler	ASL 2.0
python3-os-resource-classes	ASL 2.0
python3-os-service-types	ASL 2.0
python3-os-testr	ASL 2.0
python3-os-traits	ASL 2.0
python3-os-vif	ASL 2.0
python3-os-win	ASL 2.0
python3-os-xenapi	ASL 2.0
python3-ovirt-engine-sdk4	ASL 2.0
python3-ovsdbapp	ASL 2.0
python3-pandas	BSD

Package Name	License
python3-panko	ASL 2.0
python3-pankoclient	ASL 2.0
python3-paramiko	LGPLv2+
python3-passlib	BSD and Beerware and Copyright only
python3-paste	MIT and ZPLv2.0 and Python and (AFL or MIT) and (MIT or ASL 2.0)
python3-paste-deploy	MIT
python3-patrole-tests-tempest	ASL 2.0
python3-paunch	ASL 2.0
python3-pbr	ASL 2.0
python3-pecan	BSD
python3-pexpect	MIT
python3-pint	BSD
python3-placement	ASL 2.0
python3-pluggy	MIT
python3-posix_ipc	BSD
python3-proliantutils	ASL 2.0
python3-prometheus_client	ASL 2.0
python3-protobuf	BSD
python3-psutil	BSD
python3-pycadf	ASL 2.0
python3-pycodestyle	MIT
python3-pyeclib	BSD

Package Name	License
python3-pyflakes	MIT
python3-pyghmi	ASL 2.0
python3-pynacl	ASL 2.0
python3-pyngus	ASL 2.0
python3-pyparsing	MIT
python3-pyrabbit2	MIT
python3-pyroute2	GPLv2+
python3-pysaml2	Apache 2.0
python3-pysendfile	MIT
python3-pysnmp	BSD
python3-pystache	MIT
python3-pytest	MIT
python3-pytimeparse	MIT
python3-pyxattr	LGPLv2+
python3-qpid-proton	ASL 2.0
python3-rcssmin	ASL 2.0
python3-redis	MIT
python3-repoze-lru	BSD
python3-requestsexceptions	ASL 2.0
python3-requests-kerberos	MIT
python3-retrying	ASL 2.0
python3-rfc3986	ASL 2.0
python3-rhosp-openvswitch	Public domain

Package Name	License
python3-rjsmin	ASL 2.0
python3-routes	BSD
python3-rsa	ASL 2.0
python3-rsdclient	ASL 2.0
python3-rsd-lib	ASL 2.0
python3-ruamel-yaml	MIT
python3-s3transfer	ASL 2.0
python3-saharaclient	ASL 2.0
python3-scciclient	ASL 2.0
python3-scrypt	BSD
python3-scss	MIT
python3-SecretStorage	BSD
python3-setproctitle	BSD
python3-shade	ASL 2.0
python3-simplegeneric	Python or ZPLv2.1
python3-simplejson	(MIT or AFL) and (MIT or GPLv2)
python3-six	MIT
python3-smmap	BSD
python3-snappy	BSD
python3-sqlalchemy-collectd	MIT
python3-sqlalchemy-utils	BSD
python3-sqlparse	BSD
python3-statsd	MIT

Package Name	License
python3-stestr	ASL 2.0
python3-stevedore	ASL 2.0
python3-string_utils	MIT
python3-subunit	ASL 2.0 or BSD
python3-sushy	ASL 2.0
python3-sushy-oem-idrac	ASL 2.0
python3-swift	ASL 2.0
python3-swiftclient	ASL 2.0
python3-sysv_ipc	GPLv3+
python3-tables	BSD
python3-tap-as-a-service	ASL 2.0
python3-taskflow	ASL 2.0
python3-telemetry-tests-tempest	ASL 2.0
python3-tempest	ASL 2.0
python3-tempestconf	ASL 2.0
python3-tempest-tests	ASL 2.0
python3-tempita	MIT
python3-tenacity	ASL 2.0
python3-testrepository	ASL 2.0
python3-testscenarios	ASL 2.0 and BSD
python3-testtools	MIT
python3-tinyrpc	MIT
python3-tooz	ASL 2.0

Package Name	License
python3-traceback2	Python
python3-tripleoclient	ASL 2.0
python3-tripleoclient-heat-installer	ASL 2.0
python3-tripleo-common	ASL 2.0
python3-tripleo-common-tests-tempest	ASL 2.0
python3-trollius	ASL 2.0
python3-troveclient	ASL 2.0
python3-twisted	MIT
python3-txaio	MIT
python3-ujson	BSD
python3-unittest2	BSD
python3-urllib-gssapi	ASL 2.0
python3-validations-libs	ASL 2.0
python3-versiontools	LGPLv3
python3-vine	BSD
python3-vmware-nsxlib	ASL 2.0
python3-voluptuous	BSD
python3-waitress	ZPLv2.1
python3-warlock	ASL 2.0
python3-webob	MIT
python3-websocket-client	BSD
python3-websockify	LGPLv3
python3-webtest	MIT

Package Name	License
python3-werkzeug	BSD
python3-wrapt	BSD
python3-wsaccel	ASL 2.0
python3-wsgi_intercept	MIT
python3-wsme	MIT
python3-XStatic	MIT
python3-XStatic-Angular	MIT
python3-XStatic-Angular-Bootstrap	MIT
python3-XStatic-Angular-FileUpload	MIT
python3-XStatic-Angular-Gettext	MIT
python3-XStatic-Angular-lrdragndrop	MIT
python3-XStatic-Angular-Schema-Form	MIT
python3-XStatic-Angular-UUID	MIT
python3-XStatic-Angular-Vis	MIT
python3-XStatic-Bootstrap-Datepicker	ASL 2.0
python3-XStatic-Bootstrap-SCSS	MIT
python3-XStatic-bootstrap	MIT
python3-XStatic-D3	BSD
python3-XStatic-FileSaver	MIT
python3-XStatic-Font-Awesome	OFL and MIT
python3-XStatic-Hogan	ASL 2.0
python3-XStatic-Jasmine	MIT
python3-XStatic-jQuery224	MIT

Package Name	License
python3-XStatic-JQuery-Migrate	MIT
python3-XStatic-JQuery-quicksearch	MIT
python3-XStatic-JQuery-TableSorter	MIT
python3-XStatic-jquery-ui	CC0
python3-XStatic-JSEncrypt	MIT
python3-XStatic-Json2yaml	MIT
python3-XStatic-JS-Yaml	MIT
python3-XStatic-Magic-Search	ASL 2.0
python3-XStatic-mdi	OFL
python3-XStatic-objectpath	MIT
python3-XStatic-Rickshaw	MIT
python3-XStatic-roboto-fontface	ASL 2.0
python3-XStatic-smart-table	MIT
python3-XStatic-Spin	MIT
python3-XStatic-termjs	MIT
python3-XStatic-tv4	Public Domain
python3-yappi	MIT
python3-yaql	ASL 2.0
python3-zake	ASL 2.0
python3-zaqarclient	ASL 2.0
python3-zaqar-tests-tempest	ASL 2.0
python3-zeroconf	LGPLv2
python3-zope-event	ZPLv2.1

Package Name	License
python3-zope-interface	ZPLv2.1
python-django20-bash-completion	BSD
python-openstackclient-lang	ASL 2.0
python-oslo-cache-lang	ASL 2.0
python-oslo-concurrency-lang	ASL 2.0
python-oslo-db-lang	ASL 2.0
python-oslo-i18n-lang	ASL 2.0
python-oslo-log-lang	ASL 2.0
python-oslo-middleware-lang	ASL 2.0
python-oslo-policy-lang	ASL 2.0
python-oslo-privsep-lang	ASL 2.0
python-oslo-utils-lang	ASL 2.0
python-oslo-versionedobjects-lang	ASL 2.0
python-oslo-vmware-lang	ASL 2.0
python-pycadf-common	ASL 2.0
qpid-dispatch-router	ASL 2.0
qpid-dispatch-tools	ASL 2.0
qpid-proton-c	ASL 2.0
rabbitmq-server	MPLv1.1

Package Name	License
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"
rhosp-director-images-all	"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"
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"

Package Name	License
rhosp-director-images-ipa-ppc64le	"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"
rhosp-director-images-ipa-x86_64	"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"
rhosp-director-images-minimal	"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"

Package Name	License
rhosp-director-images-ppc64le	"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"
rhosp-director-images-x86_64	"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"
rhosp-openvswitch	Public domain
rhosp-ovn	Public domain
rhosp-ovn-host	Public domain
rhosp-ovn-vtep	Public domain
rhosp-release	GPLv2
roboto-fontface-common	ASL 2.0
roboto-fontface-fonts	ASL 2.0
ruby-augeas	LGPLv2+

Package Name	License
ruby-facter	ASL 2.0
rubygem-pathspec	ASL 2.0
rubygem-rgen	MIT
ruby-shadow	Public Domain
subunit-filters	ASL 2.0 or BSD
sysbench	GPLv2+
tripleo-ansible	ASL 2.0
validations-common	ASL 2.0
web-assets-filesystem	Public Domain
web-assets-httpd	MIT
xstatic-angular-bootstrap-common	MIT
XStatic-Angular-common	MIT
xstatic-angular-fileupload-common	MIT
xstatic-angular-gettext-common	MIT
xstatic-angular-lrdragndrop-common	MIT
xstatic-angular-schema-form-common	MIT
xstatic-angular-uuid-common	MIT
xstatic-angular-vis-common	MIT
xstatic-bootstrap-datepicker-common	ASL 2.0
xstatic-bootstrap-scss-common	MIT
xstatic-d3-common	BSD
xstatic-filesaver-common	MIT
xstatic-hogan-common	ASL 2.0

Package Name	License
xstatic-jasmine-common	MIT
xstatic-jquery-migrate-common	MIT
xstatic-jquery-quicksearch-common	MIT
xstatic-jquery-tablesorter-common	MIT
xstatic-jquery-ui-common	CCO
xstatic-jsencrypt-common	MIT
xstatic-json2yaml-common	MIT
xstatic-js-yaml-common	MIT
XStatic-Magic-Search-common	ASL 2.0
xstatic-objectpath-common	MIT
xstatic-rickshaw-common	MIT
xstatic-smart-table-common	MIT
xstatic-spin-common	MIT
xstatic-termjs-common	MIT
xstatic-tv4-common	Public Domain
yaml-cpp	MIT

4.2. RED HAT OPENSTACK PLATFORM 16 TOOLS FOR RHEL 8 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-16-tools-for-rhel-8-x86_64-rpms** repository.

Table 4.2. Red Hat OpenStack Platform 16 Tools for RHEL 8 x86_64 (RPMS) Packages

Name	Version	Advisory
python-openstackclient-lang	4.0.1-1.20200817092223.bff556c.el8ost	RHEA-2020:4284

Name	Version	Advisory
python-oslo-utils-lang	3.41.6-0.20200703053412.f4deaad.el8ost	RHEA-2020:4284
python3-cliff	2.16.0-0.20200310155432.6b6b186.el8	RHEA-2020:4284
python3-glanceclient	2.17.1-1.20200812213401.1aba8f2.el8ost	RHEA-2020:4284
python3-keystoneauth1	3.17.3-0.20200714091827.7d7b956.el8ost	RHEA-2020:4284
python3-neutronclient	6.14.1-0.20200629073412.a09e824.el8ost	RHEA-2020:4284
python3-novaclient	15.1.1-0.20200629073413.79959ab.el8ost	RHEA-2020:4284
python3-octaviaclient	1.10.1-0.20200629074403.b5397ea.el8ost	RHEA-2020:4284
python3-openstackclient	4.0.1-1.20200817092223.bff556c.el8ost	RHEA-2020:4284
python3-openstacksdk	0.36.4-0.20200715054250.76d3b29.el8ost	RHEA-2020:4284
python3-oslo-messaging	10.2.1-0.20200721053427.1613b7a.el8ost	RHEA-2020:4284
python3-oslo-utils	3.41.6-0.20200703053412.f4deaad.el8ost	RHEA-2020:4284
python3-requestsexceptions	1.4.0-0.20200310160020.d7ac0ff.el8	RHEA-2020:4284

4.3. RED HAT OPENSTACK PLATFORM 16.1 CINDERLIB FOR RHEL 8 FOR POWER, LITTLE ENDIAN (RPMS)

The following table outlines the packages included in the **openstack-16.1-cinderlib-for-rhel-8-ppc64le-rpms** repository.

Table 4.3. Red Hat OpenStack Platform 16.1 Cinderlib for RHEL 8 for Power, little endian (RPMs) Packages

Name	Version	Advisory
openstack-cinder	15.3.1-1.20200914173114.00ac80b.el8ost	RHSA-2020:4283
python-oslo-policy-lang	2.3.4-0.20200714092902.5904564.el8ost	RHEA-2020:4284
python-oslo-utils-lang	3.41.6-0.20200703053412.f4deaad.el8ost	RHEA-2020:4284
python3-castellan	1.3.3-0.20200721063404.1177521.el8ost	RHEA-2020:4284
python3-cinder	15.3.1-1.20200914173114.00ac80b.el8ost	RHSA-2020:4283
python3-cliff	2.16.0-0.20200310155432.6b6b186.el8	RHEA-2020:4284
python3-glanceclient	2.17.1-1.20200812213401.1aba8f2.el8ost	RHEA-2020:4284
python3-keystoneauth1	3.17.3-0.20200714091827.7d7b956.el8ost	RHEA-2020:4284
python3-novaclient	15.1.1-0.20200629073413.79959ab.el8ost	RHEA-2020:4284
python3-os-brick	2.10.3-0.20200605063443.55fc998.el8ost	RHBA-2020:3542
python3-os-brick	2.10.5-1.20200916163418.634fb4a.el8ost	RHEA-2020:4284

Name	Version	Advisory
python3-os-testr	1.1.0-0.20200310160449.414bbf6.el8ost	RHEA-2020:4284
python3-os-win	4.3.3-0.20200714091827.3bdedd9.el8ost	RHEA-2020:4284
python3-oslo-messaging	10.2.1-0.20200721053427.1613b7a.el8ost	RHEA-2020:4284
python3-oslo-policy	2.3.4-0.20200714092902.5904564.el8ost	RHEA-2020:4284
python3-oslo-utils	3.41.6-0.20200703053412.f4deaad.el8ost	RHEA-2020:4284

4.4. RED HAT OPENSTACK PLATFORM 16.1 CINDERLIB FOR RHEL 8 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-16.1-cinderlib-for-rhel-8-x86_64-rpms** repository.

Table 4.4. Red Hat OpenStack Platform 16.1 Cinderlib for RHEL 8 x86_64 (RPMs) Packages

Name	Version	Advisory
openstack-cinder	15.3.1-1.20200914173114.00ac80b.el8ost	RHSA-2020:4283
python-oslo-policy-lang	2.3.4-0.20200714092902.5904564.el8ost	RHEA-2020:4284
python-oslo-utils-lang	3.41.6-0.20200703053412.f4deaad.el8ost	RHEA-2020:4284
python3-castellan	1.3.3-0.20200721063404.1177521.el8ost	RHEA-2020:4284

Name	Version	Advisory
python3-cinder	15.3.1- 1.20200914173114.00ac80b.el8ost	RHSA-2020:4283
python3-cliff	2.16.0- 0.20200310155432.6b6b186.el8	RHEA-2020:4284
python3-glanceclient	2.17.1- 1.20200812213401.1aba8f2.el8ost	RHEA-2020:4284
python3-keystoneauth1	3.17.3- 0.20200714091827.7d7b956.el8ost	RHEA-2020:4284
python3-novaclient	15.1.1- 0.20200629073413.79959ab.el8ost	RHEA-2020:4284
python3-os-brick	2.10.3- 0.202006050634443.55fc998.el8ost	RHBA-2020:3542
python3-os-brick	2.10.5- 1.20200916163418.634fb4a.el8ost	RHEA-2020:4284
python3-os-testr	1.1.0- 0.20200310160449.414bbf6.el8ost	RHEA-2020:4284
python3-os-win	4.3.3- 0.20200714091827.3bdedd9.el8ost	RHEA-2020:4284
python3-oslo-messaging	10.2.1- 0.20200721053427.1613b7a.el8ost	RHEA-2020:4284
python3-oslo-policy	2.3.4- 0.20200714092902.5904564.el8ost	RHEA-2020:4284
python3-oslo-utils	3.41.6- 0.20200703053412.f4deaad.el8ost	RHEA-2020:4284

4.5. RED HAT OPENSTACK PLATFORM 16.1 DIRECTOR DEPLOYMENT TOOLS FOR RHEL 8 FOR POWER, LITTLE ENDIAN (RPMS)

The following table outlines the packages included in the **openstack-16.1-deployment-tools-for-rhel-8-ppc64le-rpms** repository.

Table 4.5. Red Hat OpenStack Platform 16.1 Director Deployment Tools for RHEL 8 for Power, little endian (RPMs) Packages

Name	Version	Advisory
ansible-pacemaker	1.0.4- 1.20200907073409.accaf26.el8ost	RHEA-2020:4284
openstack-selinux	0.8.24- 1.20200914163011.26243bf.el8ost	RHSA-2020:4381
os-net-config	11.3.2- 0.20200804083433.f49ab16.el8ost	RHEA-2020:4284
paunch-services	5.3.3- 1.20200826193407.ed2c015.el8ost	RHEA-2020:4284
puppet-aodh	15.4.1- 1.20200813003403.ff3603e.el8ost	RHEA-2020:4284
puppet-barbican	15.4.1- 1.20200818083554.da146d5.el8ost	RHEA-2020:4284
puppet-ceph	3.1.2- 1.20200914171938.9243448.el8ost	RHEA-2020:4284
puppet-cinder	15.4.1- 1.20200831153422.ff571a9.el8ost	RHEA-2020:4284
puppet-collectd	12.0.1- 1.20200821073807.4686e16.el8ost	RHEA-2020:4284
puppet-glance	15.4.1- 0.20200611153437.8ac5b13.el8ost	RHEA-2020:4284

Name	Version	Advisory
puppet-gnocchi	15.4.1- 1.20200818130933.7b0e3c7.el8ost	RHEA-2020:4284
puppet-heat	15.4.1- 1.20200821233740.d02f3a4.el8ost	RHEA-2020:4284
puppet-ironic	15.4.1- 1.20200814153354.39f97cc.el8ost	RHEA-2020:4284
puppet-keystone	15.4.1- 1.20200901143407.1660e2c.el8ost	RHEA-2020:4284
puppet-manila	15.4.1- 1.20200818131916.6cle210.el8ost	RHEA-2020:4284
puppet-mistral	15.4.1- 1.20200814104231.426952d.el8ost	RHEA-2020:4284
puppet-neutron	15.5.1- 0.20200714085939.7d0406b.el8ost	RHEA-2020:4284
puppet-nova	15.6.1- 1.20200814103355.51a6857.el8ost	RHEA-2020:4284
puppet-octavia	15.4.1- 1.20200914162756.b741773.el8ost	RHEA-2020:4284
puppet-pacemaker	1.0.1- 1.20200902203410.b501c08.el8ost	RHEA-2020:4284
puppet-placement	2.4.1- 1.20200814104126.85948e4.el8ost	RHEA-2020:4284
puppet-timezone	5.1.2- 0.20200228222931.21b4a58.el8ost	RHEA-2020:4284

Name	Version	Advisory
puppet-tripleo	11.5.0-0.20200616033428.8ff1c6a.el8ost	RHBA-2020:3542
puppet-tripleo	11.5.0-1.20200914161840.f716ef5.el8ost	RHEA-2020:4284
python-oslo-utils-lang	3.41.6-0.20200703053412.f4deaad.el8ost	RHEA-2020:4284
python3-cliff	2.16.0-0.20200310155432.6b6b186.el8	RHEA-2020:4284
python3-keystoneauth1	3.17.3-0.20200714091827.7d7b956.el8ost	RHEA-2020:4284
python3-openstacksdk	0.36.4-0.20200715054250.76d3b29.el8ost	RHEA-2020:4284
python3-oslo-utils	3.41.6-0.20200703053412.f4deaad.el8ost	RHEA-2020:4284
python3-paunch	5.3.3-1.20200826193407.ed2c015.el8ost	RHEA-2020:4284
python3-requestsexceptions	1.4.0-0.20200310160020.d7ac0ff.el8	RHEA-2020:4284
qpid-proton-c	0.32.0-2.el8	RHEA-2020:4284
rhosp-director-images-minimal	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-minimal	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-release	16.1.1-1.el8ost	RHBA-2020:3569
rhosp-release	16.1.2-2.el8ost	RHEA-2020:4284
sg-bridge	1.0.0-7.el8ost	RHBA-2020:3366

4.6. RED HAT OPENSTACK PLATFORM 16.1 DIRECTOR DEPLOYMENT TOOLS FOR RHEL 8 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-16.1-deployment-tools-for-rhel-8-x86_64-rpms** repository.

Table 4.6. Red Hat OpenStack Platform 16.1 Director Deployment Tools for RHEL 8 x86_64 (RPMs) Packages

Name	Version	Advisory
ansible-pacemaker	1.0.4-1.20200907073409.accaf26.el8ost	RHEA-2020:4284
openstack-selinux	0.8.24-1.20200914163011.26243bf.el8ost	RHSA-2020:4381
os-net-config	11.3.2-0.20200804083433.f49ab16.el8ost	RHEA-2020:4284
paunch-services	5.3.3-1.20200826193407.ed2c015.el8ost	RHEA-2020:4284
puppet-aodh	15.4.1-1.20200813003403.ff3603e.el8ost	RHEA-2020:4284
puppet-barbican	15.4.1-1.20200818083554.da146d5.el8ost	RHEA-2020:4284
puppet-ceph	3.1.2-1.20200914171938.9243448.el8ost	RHEA-2020:4284
puppet-cinder	15.4.1-1.20200831153422.ff571a9.el8ost	RHEA-2020:4284
puppet-collectd	12.0.1-1.20200821073807.4686e16.el8ost	RHEA-2020:4284
puppet-glance	15.4.1-0.20200611153437.8ac5b13.el8ost	RHEA-2020:4284

Name	Version	Advisory
puppet-gnocchi	15.4.1- 1.20200818130933.7b0e3c7.el8ost	RHEA-2020:4284
puppet-heat	15.4.1- 1.20200821233740.d02f3a4.el8ost	RHEA-2020:4284
puppet-ironic	15.4.1- 1.20200814153354.39f97cc.el8ost	RHEA-2020:4284
puppet-keystone	15.4.1- 1.20200901143407.1660e2c.el8ost	RHEA-2020:4284
puppet-manila	15.4.1- 1.20200818131916.6cle210.el8ost	RHEA-2020:4284
puppet-mistral	15.4.1- 1.20200814104231.426952d.el8ost	RHEA-2020:4284
puppet-neutron	15.5.1- 0.20200714085939.7d0406b.el8ost	RHEA-2020:4284
puppet-nova	15.6.1- 1.20200814103355.51a6857.el8ost	RHEA-2020:4284
puppet-octavia	15.4.1- 1.20200914162756.b741773.el8ost	RHEA-2020:4284
puppet-pacemaker	1.0.1- 1.20200902203410.b501c08.el8ost	RHEA-2020:4284
puppet-placement	2.4.1- 1.20200814104126.85948e4.el8ost	RHEA-2020:4284
puppet-timezone	5.1.2- 0.20200228222931.21b4a58.el8ost	RHEA-2020:4284

Name	Version	Advisory
puppet-tripleo	11.5.0-0.20200616033428.8ff1c6a.el8ost	RHBA-2020:3542
puppet-tripleo	11.5.0-1.20200914161840.f716ef5.el8ost	RHEA-2020:4284
python-oslo-utils-lang	3.41.6-0.20200703053412.f4deaad.el8ost	RHEA-2020:4284
python3-cliff	2.16.0-0.20200310155432.6b6b186.el8	RHEA-2020:4284
python3-keystoneauth1	3.17.3-0.20200714091827.7d7b956.el8ost	RHEA-2020:4284
python3-openstacksdk	0.36.4-0.20200715054250.76d3b29.el8ost	RHEA-2020:4284
python3-oslo-utils	3.41.6-0.20200703053412.f4deaad.el8ost	RHEA-2020:4284
python3-paunch	5.3.3-1.20200826193407.ed2c015.el8ost	RHEA-2020:4284
python3-requestsexceptions	1.4.0-0.20200310160020.d7ac0ff.el8	RHEA-2020:4284
qpid-proton-c	0.32.0-2.el8	RHEA-2020:4284
rhosp-director-images-minimal	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-minimal	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-release	16.1.1-1.el8ost	RHBA-2020:3569
rhosp-release	16.1.2-2.el8ost	RHEA-2020:4284
sg-bridge	1.0.0-7.el8ost	RHBA-2020:3366

4.7. RED HAT OPENSTACK PLATFORM 16.1 FOR RHEL 8 FOR POWER, LITTLE ENDIAN (RPMS)

The following table outlines the packages included in the **openstack-16.1-for-rhel-8-ppc64le-rpms** repository.

Table 4.7. Red Hat OpenStack Platform 16.1 for RHEL 8 for Power, little endian (RPMs) Packages

Name	Version	Advisory
ansible-collections-openstack	1.1.1-0.20200820111406.a67272d.el8ost	RHEA-2020:4284
ansible-config_template	1.1.2-1.20200818183400.ea07ed0.el8ost	RHEA-2020:4284
ansible-pacemaker	1.0.4-1.20200907073409.accaf26.el8ost	RHEA-2020:4284
ansible-role-lunasa-hsm	0.0.1-2.20200903084614.1f79d94.el8ost	RHEA-2020:4284
ansible-role-redhat-subscription	1.1.1-0.20200716163409.6d26afa.el8ost	RHEA-2020:4284
ansible-role-tripleo-modify-image	1.2.1-0.20200804085623.1dffa21.el8ost	RHEA-2020:4284
ansible-tripleo-ipa	0.2.1-1.20200813093411.3bb3c53.el8ost	RHEA-2020:4284
collectd	5.11.0-5.el8ost	RHEA-2020:4284
collectd-amqp1	5.11.0-5.el8ost	RHEA-2020:4284
collectd-connectivity	5.11.0-5.el8ost	RHEA-2020:4284
collectd-dbi	5.11.0-5.el8ost	RHEA-2020:4284
collectd-dpdk_telemetry	5.11.0-5.el8ost	RHEA-2020:4284
collectd-hugepages	5.11.0-5.el8ost	RHEA-2020:4284

Name	Version	Advisory
collectd-mcelog	5.11.0-5.el8ost	RHEA-2020:4284
collectd-ovs-events	5.11.0-5.el8ost	RHEA-2020:4284
collectd-ovs-stats	5.11.0-5.el8ost	RHEA-2020:4284
collectd-ping	5.11.0-5.el8ost	RHEA-2020:4284
collectd-procevent	5.11.0-5.el8ost	RHEA-2020:4284
collectd-python	5.11.0-5.el8ost	RHEA-2020:4284
collectd-sensubility	0.1.5-1.el8ost	RHEA-2020:4284
collectd-snmp-agent	5.11.0-5.el8ost	RHEA-2020:4284
collectd-sysevent	5.11.0-5.el8ost	RHEA-2020:4284
erlang-asn1	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-compiler	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-crypto	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-eldap	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-erts	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-hipe	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-inets	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-kernel	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-mnesia	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-os_mon	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-otp_mibs	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-parsetools	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-public_key	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-runtime_tools	21.3.8.17-1.el8ost	RHEA-2020:4284

Name	Version	Advisory
erlang-sasl	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-snmp	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-ssl	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-stdlib	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-syntax_tools	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-tools	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-xmerl	21.3.8.17-1.el8ost	RHEA-2020:4284
octavia-amphora-image-x86_64	16.1-20200812.3.el8ost	RHBA-2020:3571
octavia-amphora-image-x86_64	16.1-20201003.1.el8ost	RHEA-2020:4380
openstack-ceilometer-central	13.1.2-0.20200728073410.35c7357.el8ost	RHEA-2020:4284
openstack-ceilometer-common	13.1.2-0.20200728073410.35c7357.el8ost	RHEA-2020:4284
openstack-ceilometer-compute	13.1.2-0.20200728073410.35c7357.el8ost	RHEA-2020:4284
openstack-ceilometer-ipmi	13.1.2-0.20200728073410.35c7357.el8ost	RHEA-2020:4284
openstack-ceilometer-notification	13.1.2-0.20200728073410.35c7357.el8ost	RHEA-2020:4284
openstack-ceilometer-polling	13.1.2-0.20200728073410.35c7357.el8ost	RHEA-2020:4284
openstack-cinder	15.3.1-1.20200914173114.00ac80b.el8ost	RHSA-2020:4283

Name	Version	Advisory
openstack-dashboard	16.2.1-1.20200914175444.ca38848.el8ost	RHEA-2020:4284
openstack-designate-agent	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284
openstack-designate-api	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284
openstack-designate-central	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284
openstack-designate-common	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284
openstack-designate-mdns	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284
openstack-designate-producer	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284
openstack-designate-sink	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284
openstack-designate-worker	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284
openstack-ec2-api	9.0.1-1.20200820183427.f901570.el8ost	RHEA-2020:4284
openstack-glance	19.0.3-0.20200421223424.3e16bc7.el8ost	RHBA-2020:3570
openstack-glance	19.0.4-1.20200918173611.5bbd356.el8ost	RHEA-2020:4284

Name	Version	Advisory
openstack-heat-api	13.0.3-1.20200914171254.48b730a.el8ost	RHEA-2020:4284
openstack-heat-api-cfn	13.0.3-1.20200914171254.48b730a.el8ost	RHEA-2020:4284
openstack-heat-common	13.0.3-1.20200914171254.48b730a.el8ost	RHEA-2020:4284
openstack-heat-engine	13.0.3-1.20200914171254.48b730a.el8ost	RHEA-2020:4284
openstack-heat-monolith	13.0.3-1.20200914171254.48b730a.el8ost	RHEA-2020:4284
openstack-ironic-api	13.0.7-1.20200825103414.3d77e61.el8ost	RHEA-2020:4284
openstack-ironic-common	13.0.7-1.20200825103414.3d77e61.el8ost	RHEA-2020:4284
openstack-ironic-conductor	13.0.7-1.20200825103414.3d77e61.el8ost	RHEA-2020:4284
openstack-ironic-inspector	9.2.4-0.20200721183403.2c85396.el8ost	RHEA-2020:4284
openstack-ironic-inspector-dnsmasq	9.2.4-0.20200721183403.2c85396.el8ost	RHEA-2020:4284
openstack-ironic-python-agent	5.0.4-1.20200812193348.9920532.el8ost	RHEA-2020:4284
openstack-ironic-python-agent-builder	2.1.1-1.20200914175356.65d0f80.el8ost	RHEA-2020:4284

Name	Version	Advisory
openstack-keystone	16.0.2- 1.20200828063419.fb7d545.el8ost	RHEA-2020:4284
openstack-manila	9.1.5- 1.20200914164232.d9e6743.el8ost	RHEA-2020:4284
openstack-manila-share	9.1.5- 1.20200914164232.d9e6743.el8ost	RHEA-2020:4284
openstack-manila-ui	2.19.3- 0.20200722013406.aad56b7.el8ost	RHEA-2020:4284
openstack-mistral-all	9.1.1- 0.20200624003431.62b0b37.el8ost	RHEA-2020:4284
openstack-mistral-api	9.1.1- 0.20200624003431.62b0b37.el8ost	RHEA-2020:4284
openstack-mistral-common	9.1.1- 0.20200624003431.62b0b37.el8ost	RHEA-2020:4284
openstack-mistral-engine	9.1.1- 0.20200624003431.62b0b37.el8ost	RHEA-2020:4284
openstack-mistral-event-engine	9.1.1- 0.20200624003431.62b0b37.el8ost	RHEA-2020:4284
openstack-mistral-executor	9.1.1- 0.20200624003431.62b0b37.el8ost	RHEA-2020:4284
openstack-mistral-notifier	9.1.1- 0.20200624003431.62b0b37.el8ost	RHEA-2020:4284
openstack-neutron	15.2.1- 1.20200905043434.40d217c.el8ost	RHEA-2020:4284

Name	Version	Advisory
openstack-neutron-bgp-dragent	15.0.1- 1.20200821103647.56de1c4.el8ost	RHEA-2020:4284
openstack-neutron-common	15.2.1- 1.20200905043434.40d217c.el8ost	RHEA-2020:4284
openstack-neutron-dynamic-routing-common	15.0.1- 1.20200821103647.56de1c4.el8ost	RHEA-2020:4284
openstack-neutron-l2gw-agent	15.0.1- 1.20200824163407.1f84472.el8ost	RHEA-2020:4284
openstack-neutron-linuxbridge	15.2.1- 1.20200905043434.40d217c.el8ost	RHEA-2020:4284
openstack-neutron-macvtap-agent	15.2.1- 1.20200905043434.40d217c.el8ost	RHEA-2020:4284
openstack-neutron-metering-agent	15.2.1- 1.20200905043434.40d217c.el8ost	RHEA-2020:4284
openstack-neutron-ml2	15.2.1- 1.20200905043434.40d217c.el8ost	RHEA-2020:4284
openstack-neutron-openvswitch	15.2.1- 1.20200905043434.40d217c.el8ost	RHEA-2020:4284
openstack-neutron-rpc-server	15.2.1- 1.20200905043434.40d217c.el8ost	RHEA-2020:4284
openstack-neutron-sriov-nic-agent	15.2.1- 1.20200905043434.40d217c.el8ost	RHEA-2020:4284
openstack-nova	20.3.1- 0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572

Name	Version	Advisory
openstack-nova	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-api	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-api	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova-api	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-common	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-common	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova-common	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-compute	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-compute	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova-compute	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-conductor	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-conductor	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova-conductor	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284

Name	Version	Advisory
openstack-nova-console	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-console	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova-console	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-migration	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-migration	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova-migration	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-novncproxy	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-novncproxy	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova-novncproxy	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-scheduler	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-scheduler	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova-scheduler	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-serialproxy	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-serialproxy	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702

Name	Version	Advisory
openstack-nova-serialproxy	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-spicehtml5proxy	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-spicehtml5proxy	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova-spicehtml5proxy	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-octavia-amphora-agent	5.0.3-1.20200904153428.8c32d2e.el8ost	RHEA-2020:4284
openstack-octavia-api	5.0.3-1.20200904153428.8c32d2e.el8ost	RHEA-2020:4284
openstack-octavia-common	5.0.3-1.20200904153428.8c32d2e.el8ost	RHEA-2020:4284
openstack-octavia-diskimage-create	5.0.3-1.20200904153428.8c32d2e.el8ost	RHEA-2020:4284
openstack-octavia-health-manager	5.0.3-1.20200904153428.8c32d2e.el8ost	RHEA-2020:4284
openstack-octavia-housekeeping	5.0.3-1.20200904153428.8c32d2e.el8ost	RHEA-2020:4284
openstack-octavia-ui	4.0.1-0.20200625103440.7404468.el8ost	RHEA-2020:4284
openstack-octavia-worker	5.0.3-1.20200904153428.8c32d2e.el8ost	RHEA-2020:4284
openstack-placement-api	2.0.1-1.20200904163416.b020f71.el8ost	RHEA-2020:4284

Name	Version	Advisory
openstack-placement-common	2.0.1-1.20200904163416.b020f71.el8ost	RHEA-2020:4284
openstack-selinux	0.8.24-1.20200914163011.26243bf.el8ost	RHSA-2020:4381
openstack-swift-account	2.23.2-1.20200902033423.eef87ee.el8ost	RHEA-2020:4284
openstack-swift-container	2.23.2-1.20200902033423.eef87ee.el8ost	RHEA-2020:4284
openstack-swift-object	2.23.2-1.20200902033423.eef87ee.el8ost	RHEA-2020:4284
openstack-swift-proxy	2.23.2-1.20200902033423.eef87ee.el8ost	RHEA-2020:4284
openstack-tripleo-common	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
openstack-tripleo-common	11.4.1-1.20200914165651.el8ost	RHEA-2020:4284
openstack-tripleo-common-container-base	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
openstack-tripleo-common-container-base	11.4.1-1.20200914165651.el8ost	RHEA-2020:4284
openstack-tripleo-common-containers	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
openstack-tripleo-common-containers	11.4.1-1.20200914165651.el8ost	RHEA-2020:4284
openstack-tripleo-common-devtools	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
openstack-tripleo-common-devtools	11.4.1-1.20200914165651.el8ost	RHEA-2020:4284

Name	Version	Advisory
openstack-tripleo-heat-templates	11.3.2-0.20200616081539.396affd.el8ost	RHBA-2020:3542
openstack-tripleo-heat-templates	11.3.2-1.20200914170156.el8ost	RHEA-2020:4284
openstack-tripleo-puppet-elements	11.2.2-0.20200701163410.432518a.el8ost	RHEA-2020:4284
openstack-tripleo-validations	11.3.2-0.20200611115253.08f469d.el8ost	RHBA-2020:3542
openstack-tripleo-validations	11.3.2-1.20200914170825.el8ost	RHEA-2020:4284
openstack-zaqar	9.0.1-0.20200710103422.15a8ad7.el8ost	RHEA-2020:4284
os-net-config	11.3.2-0.20200804083433.f49ab16.el8ost	RHEA-2020:4284
paunch-services	5.3.3-1.20200826193407.ed2c015.el8ost	RHEA-2020:4284
puppet-aodh	15.4.1-1.20200813003403.ff3603e.el8ost	RHEA-2020:4284
puppet-barbican	15.4.1-1.20200818083554.da146d5.el8ost	RHEA-2020:4284
puppet-ceph	3.1.2-1.20200914171938.9243448.el8ost	RHEA-2020:4284
puppet-cinder	15.4.1-1.20200831153422.ff571a9.el8ost	RHEA-2020:4284
puppet-collectd	12.0.1-1.20200821073807.4686e16.el8ost	RHEA-2020:4284

Name	Version	Advisory
puppet-glance	15.4.1-0.20200611153437.8ac5b13.el8ost	RHEA-2020:4284
puppet-gnocchi	15.4.1-1.20200818130933.7b0e3c7.el8ost	RHEA-2020:4284
puppet-heat	15.4.1-1.20200821233740.d02f3a4.el8ost	RHEA-2020:4284
puppet-ironic	15.4.1-1.20200814153354.39f97cc.el8ost	RHEA-2020:4284
puppet-keystone	15.4.1-1.20200901143407.1660e2c.el8ost	RHEA-2020:4284
puppet-manila	15.4.1-1.20200818131916.6cle210.el8ost	RHEA-2020:4284
puppet-mistral	15.4.1-1.20200814104231.426952d.el8ost	RHEA-2020:4284
puppet-neutron	15.5.1-0.20200714085939.7d0406b.el8ost	RHEA-2020:4284
puppet-nova	15.6.1-1.20200814103355.51a6857.el8ost	RHEA-2020:4284
puppet-octavia	15.4.1-1.20200914162756.b741773.el8ost	RHEA-2020:4284
puppet-pacemaker	1.0.1-1.20200902203410.b501c08.el8ost	RHEA-2020:4284
puppet-placement	2.4.1-1.20200814104126.85948e4.el8ost	RHEA-2020:4284

Name	Version	Advisory
puppet-timezone	5.1.2-0.20200228222931.21b4a58.el8ost	RHEA-2020:4284
puppet-tripleo	11.5.0-0.20200616033428.8ff1c6a.el8ost	RHBA-2020:3542
puppet-tripleo	11.5.0-1.20200914161840.f716ef5.el8ost	RHEA-2020:4284
python-openstackclient-lang	4.0.1-1.20200817092223.bff556c.el8ost	RHEA-2020:4284
python-oslo-policy-lang	2.3.4-0.20200714092902.5904564.el8ost	RHEA-2020:4284
python-oslo-utils-lang	3.41.6-0.20200703053412.f4deaad.el8ost	RHEA-2020:4284
python3-castellan	1.3.3-0.20200721063404.1177521.el8ost	RHEA-2020:4284
python3-ceilometer	13.1.2-0.20200728073410.35c7357.el8ost	RHEA-2020:4284
python3-cinder	15.3.1-1.20200914173114.00ac80b.el8ost	RHSA-2020:4283
python3-cliff	2.16.0-0.20200310155432.6b6b186.el8	RHEA-2020:4284
python3-designate	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284
python3-django-horizon	16.2.1-1.20200914175444.ca38848.el8ost	RHEA-2020:4284

Name	Version	Advisory
python3-ec2-api	9.0.1- 1.20200820183427.f901570.el8ost	RHEA-2020:4284
python3-glance	19.0.3- 0.20200421223424.3e16bc7.el8ost	RHBA-2020:3570
python3-glance	19.0.4- 1.20200918173611.5bbd356.el8ost	RHEA-2020:4284
python3-glance-store	1.0.2- 1.20200825163437.bc62bb4.el8ost	RHEA-2020:4284
python3-glanceclient	2.17.1- 1.20200812213401.1aba8f2.el8ost	RHEA-2020:4284
python3-ironic-lib	2.21.2- 0.20200618093455.cc50dab.el8ost	RHEA-2020:4284
python3-ironic-python-agent	5.0.4- 1.20200812193348.9920532.el8ost	RHEA-2020:4284
python3-keystone	16.0.2- 1.20200828063419.fb7d545.el8ost	RHEA-2020:4284
python3-keystoneauth1	3.17.3- 0.20200714091827.7d7b956.el8ost	RHEA-2020:4284
python3-manila	9.1.5- 1.20200914164232.d9e6743.el8ost	RHEA-2020:4284
python3-manila-tests-tempest	1.1.0- 0.20200728083439.eba8fa9.el8ost	RHEA-2020:4284
python3-mistral	9.1.1- 0.20200624003431.62b0b37.el8ost	RHEA-2020:4284

Name	Version	Advisory
python3-networking-l2gw	15.0.1-1.20200824163407.1f84472.el8ost	RHEA-2020:4284
python3-networking-ovn	7.2.1-0.20200611133439.15f2281.el8ost	RHBA-2020:3568
python3-networking-ovn	7.3.1-1.20200902233412.4e24f4c.1.el8ost	RHEA-2020:4284
python3-networking-ovn-metadata-agent	7.2.1-0.20200611133439.15f2281.el8ost	RHBA-2020:3568
python3-networking-ovn-metadata-agent	7.3.1-1.20200902233412.4e24f4c.1.el8ost	RHEA-2020:4284
python3-networking-ovn-migration-tool	7.2.1-0.20200611133439.15f2281.el8ost	RHBA-2020:3568
python3-networking-ovn-migration-tool	7.3.1-1.20200902233412.4e24f4c.1.el8ost	RHEA-2020:4284
python3-networking-vmware-nsx	15.0.1-1.20200901083416.dd0e81e.el8ost	RHEA-2020:4284
python3-neutron	15.2.1-1.20200905043434.40d217c.el8ost	RHEA-2020:4284
python3-neutron-dynamic-routing	15.0.1-1.20200821103647.56de1c4.el8ost	RHEA-2020:4284
python3-neutron-lib	1.29.1-1.20200909143452.4ef4b71.el8ost	RHEA-2020:4284
python3-neutron-lib-tests	1.29.1-1.20200909143452.4ef4b71.el8ost	RHEA-2020:4284
python3-neutron-tests-tempest	0.9.0-1.20200910133418.15c85f6.el8ost	RHEA-2020:4284

Name	Version	Advisory
python3-neutronclient	6.14.1-0.20200629073412.a09e824.el8ost	RHEA-2020:4284
python3-nova	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
python3-nova	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
python3-nova	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
python3-novaclient	15.1.1-0.20200629073413.79959ab.el8ost	RHEA-2020:4284
python3-novajoin-tests-tempest	0.0.4-1.20200831203407.468b968.el8ost	RHEA-2020:4284
python3-octavia	5.0.3-1.20200904153428.8c32d2e.el8ost	RHEA-2020:4284
python3-octaviaclient	1.10.1-0.20200629074403.b5397ea.el8ost	RHEA-2020:4284
python3-openstackclient	4.0.1-1.20200817092223.bff556c.el8ost	RHEA-2020:4284
python3-openstacksdk	0.36.4-0.20200715054250.76d3b29.el8ost	RHEA-2020:4284
python3-os-brick	2.10.3-0.20200605063443.55fc998.el8ost	RHBA-2020:3542
python3-os-brick	2.10.5-1.20200916163418.634fb4a.el8ost	RHEA-2020:4284

Name	Version	Advisory
python3-os-testr	1.1.0-0.20200310160449.414bbf6.el8ost	RHEA-2020:4284
python3-os-win	4.3.3-0.20200714091827.3bdedd9.el8ost	RHEA-2020:4284
python3-oslo-messaging	10.2.1-0.20200721053427.1613b7a.el8ost	RHEA-2020:4284
python3-oslo-policy	2.3.4-0.20200714092902.5904564.el8ost	RHEA-2020:4284
python3-oslo-utils	3.41.6-0.20200703053412.f4deaad.el8ost	RHEA-2020:4284
python3-ovsdbapp	0.17.4-1.20200828083359.c5b598d.el8ost	RHEA-2020:4284
python3-paunch	5.3.3-1.20200826193407.ed2c015.el8ost	RHEA-2020:4284
python3-placement	2.0.1-1.20200904163416.b020f71.el8ost	RHEA-2020:4284
python3-qpidd-proton	0.32.0-2.el8	RHEA-2020:4284
python3-requestsexceptions	1.4.0-0.20200310160020.d7ac0ff.el8	RHEA-2020:4284
python3-swift	2.23.2-1.20200902033423.eef87ee.el8ost	RHEA-2020:4284
python3-tempestconf	3.0.2-1.20200817103403.c377168.el8ost	RHEA-2020:4284
python3-tripleo-common	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542

Name	Version	Advisory
python3-tripleo-common	11.4.1-1.20200914165651.el8ost	RHEA-2020:4284
python3-tripleoclient	12.3.2-1.20200914164928.el8ost	RHEA-2020:4284
python3-tripleoclient-heat-installer	12.3.2-1.20200914164928.el8ost	RHEA-2020:4284
python3-validations-libs	1.0.5-1.20200914174429.4a660ec.el8ost	RHEA-2020:4284
python3-vmware-nxplib	15.0.3-1.20200914174244.4e71a0d.el8ost	RHEA-2020:4284
qpid-proton-c	0.32.0-2.el8	RHEA-2020:4284
rhosp-director-images	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-director-images-all	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-all	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-director-images-ipa	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-ipa	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-director-images-ipa-ppc64le	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-ipa-ppc64le	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-director-images-ipa-x86_64	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-ipa-x86_64	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-director-images-minimal	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-minimal	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-director-images-ppc64le	16.1-20200812.3.el8ost	RHBA-2020:3571

Name	Version	Advisory
rhosp-director-images-ppc64le	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-director-images-x86_64	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-x86_64	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-release	16.1.1-1.el8ost	RHBA-2020:3569
rhosp-release	16.1.2-2.el8ost	RHEA-2020:4284
tripleo-ansible	0.5.1-0.20200611113659.34b8fcc.el8ost	RHBA-2020:3542
tripleo-ansible	0.5.1-1.20200914163925.el8ost	RHEA-2020:4284
validations-common	1.1.2-1.20200914180304.7f3c565.el8ost	RHEA-2020:4284

4.8. RED HAT OPENSTACK PLATFORM 16.1 FOR RHEL 8 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-16.1-for-rhel-8-x86_64-rpms** repository.

Table 4.8. Red Hat OpenStack Platform 16.1 for RHEL 8 x86_64 (RPMs) Packages

Name	Version	Advisory
ansible-collections-openstack	1.1.1-0.20200820111406.a67272d.el8ost	RHEA-2020:4284
ansible-config_template	1.1.2-1.20200818183400.ea07ed0.el8ost	RHEA-2020:4284
ansible-pacemaker	1.0.4-1.20200907073409.accaf26.el8ost	RHEA-2020:4284
ansible-role-lunasa-hsm	0.0.1-2.20200903084614.1f79d94.el8ost	RHEA-2020:4284

Name	Version	Advisory
ansible-role-redhat-subscription	1.1.1-0.20200716163409.6d26afa.el8ost	RHEA-2020:4284
ansible-role-tripleo-modify-image	1.2.1-0.20200804085623.1dffa21.el8ost	RHEA-2020:4284
ansible-tripleo-ipa	0.2.1-1.20200813093411.3bb3c53.el8ost	RHEA-2020:4284
collectd	5.11.0-5.el8ost	RHEA-2020:4284
collectd-amqp1	5.11.0-5.el8ost	RHEA-2020:4284
collectd-connectivity	5.11.0-5.el8ost	RHEA-2020:4284
collectd-dbi	5.11.0-5.el8ost	RHEA-2020:4284
collectd-dpdk_telemetry	5.11.0-5.el8ost	RHEA-2020:4284
collectd-hugepages	5.11.0-5.el8ost	RHEA-2020:4284
collectd-mcelog	5.11.0-5.el8ost	RHEA-2020:4284
collectd-ovs-events	5.11.0-5.el8ost	RHEA-2020:4284
collectd-ovs-stats	5.11.0-5.el8ost	RHEA-2020:4284
collectd-pcie-errors	5.11.0-5.el8ost	RHEA-2020:4284
collectd-ping	5.11.0-5.el8ost	RHEA-2020:4284
collectd-pmu	5.11.0-5.el8ost	RHEA-2020:4284
collectd-procevent	5.11.0-5.el8ost	RHEA-2020:4284
collectd-python	5.11.0-5.el8ost	RHEA-2020:4284
collectd-rdt	5.11.0-5.el8ost	RHEA-2020:4284
collectd-sensubility	0.15-1.el8ost	RHEA-2020:4284
collectd-snmp-agent	5.11.0-5.el8ost	RHEA-2020:4284

Name	Version	Advisory
collectd-sysevent	5.11.0-5.el8ost	RHEA-2020:4284
collectd-turbostat	5.11.0-5.el8ost	RHEA-2020:4284
erlang-asn1	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-compiler	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-crypto	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-eldap	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-erts	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-hipe	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-inets	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-kernel	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-mnesia	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-os_mon	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-otp_mibs	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-parsetools	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-public_key	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-runtime_tools	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-sasl	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-snmp	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-ssl	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-stdlib	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-syntax_tools	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-tools	21.3.8.17-1.el8ost	RHEA-2020:4284
erlang-xmerl	21.3.8.17-1.el8ost	RHEA-2020:4284

Name	Version	Advisory
octavia-amphora-image-x86_64	16.1-20200812.3.el8ost	RHBA-2020:3571
octavia-amphora-image-x86_64	16.1-20201003.1.el8ost	RHEA-2020:4380
openstack-ceilometer-central	13.1.2-0.20200728073410.35c7357.el8ost	RHEA-2020:4284
openstack-ceilometer-common	13.1.2-0.20200728073410.35c7357.el8ost	RHEA-2020:4284
openstack-ceilometer-compute	13.1.2-0.20200728073410.35c7357.el8ost	RHEA-2020:4284
openstack-ceilometer-ipmi	13.1.2-0.20200728073410.35c7357.el8ost	RHEA-2020:4284
openstack-ceilometer-notification	13.1.2-0.20200728073410.35c7357.el8ost	RHEA-2020:4284
openstack-ceilometer-polling	13.1.2-0.20200728073410.35c7357.el8ost	RHEA-2020:4284
openstack-cinder	15.3.1-1.20200914173114.00ac80b.el8ost	RHSA-2020:4283
openstack-dashboard	16.2.1-1.20200914175444.ca38848.el8ost	RHEA-2020:4284
openstack-designate-agent	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284
openstack-designate-api	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284
openstack-designate-central	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284

Name	Version	Advisory
openstack-designate-common	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284
openstack-designate-mdns	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284
openstack-designate-producer	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284
openstack-designate-sink	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284
openstack-designate-worker	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284
openstack-ec2-api	9.0.1-1.20200820183427.f901570.el8ost	RHEA-2020:4284
openstack-glance	19.0.3-0.20200421223424.3e16bc7.el8ost	RHBA-2020:3570
openstack-glance	19.0.4-1.20200918173611.5bbd356.el8ost	RHEA-2020:4284
openstack-heat-api	13.0.3-1.20200914171254.48b730a.el8ost	RHEA-2020:4284
openstack-heat-api-cfn	13.0.3-1.20200914171254.48b730a.el8ost	RHEA-2020:4284
openstack-heat-common	13.0.3-1.20200914171254.48b730a.el8ost	RHEA-2020:4284
openstack-heat-engine	13.0.3-1.20200914171254.48b730a.el8ost	RHEA-2020:4284

Name	Version	Advisory
openstack-heat-monolith	13.0.3- 1.20200914171254.48b730a.el8os t	RHEA-2020:4284
openstack-ironic-api	13.0.7- 1.20200825103414.3d77e61.el8os t	RHEA-2020:4284
openstack-ironic-common	13.0.7- 1.20200825103414.3d77e61.el8os t	RHEA-2020:4284
openstack-ironic-conductor	13.0.7- 1.20200825103414.3d77e61.el8os t	RHEA-2020:4284
openstack-ironic-inspector	9.2.4- 0.20200721183403.2c85396.el8o st	RHEA-2020:4284
openstack-ironic-inspector- dnsmasq	9.2.4- 0.20200721183403.2c85396.el8o st	RHEA-2020:4284
openstack-ironic-python-agent	5.0.4- 1.20200812193348.9920532.el8o st	RHEA-2020:4284
openstack-ironic-python-agent- builder	2.1.1- 1.20200914175356.65d0f80.el8o st	RHEA-2020:4284
openstack-keystone	16.0.2- 1.20200828063419.fb7d545.el8o st	RHEA-2020:4284
openstack-manila	9.1.5- 1.20200914164232.d9e6743.el8o st	RHEA-2020:4284
openstack-manila-share	9.1.5- 1.20200914164232.d9e6743.el8o st	RHEA-2020:4284
openstack-manila-ui	2.19.3- 0.20200722013406.aad56b7.el8 ost	RHEA-2020:4284

Name	Version	Advisory
openstack-mistral-all	9.1.1-0.20200624003431.62b0b37.el8ost	RHEA-2020:4284
openstack-mistral-api	9.1.1-0.20200624003431.62b0b37.el8ost	RHEA-2020:4284
openstack-mistral-common	9.1.1-0.20200624003431.62b0b37.el8ost	RHEA-2020:4284
openstack-mistral-engine	9.1.1-0.20200624003431.62b0b37.el8ost	RHEA-2020:4284
openstack-mistral-event-engine	9.1.1-0.20200624003431.62b0b37.el8ost	RHEA-2020:4284
openstack-mistral-executor	9.1.1-0.20200624003431.62b0b37.el8ost	RHEA-2020:4284
openstack-mistral-notifier	9.1.1-0.20200624003431.62b0b37.el8ost	RHEA-2020:4284
openstack-neutron	15.2.1-1.20200905043434.40d217c.el8ost	RHEA-2020:4284
openstack-neutron-bgp-dragent	15.0.1-1.20200821103647.56de1c4.el8ost	RHEA-2020:4284
openstack-neutron-common	15.2.1-1.20200905043434.40d217c.el8ost	RHEA-2020:4284
openstack-neutron-dynamic-routing-common	15.0.1-1.20200821103647.56de1c4.el8ost	RHEA-2020:4284
openstack-neutron-l2gw-agent	15.0.1-1.20200824163407.1f84472.el8ost	RHEA-2020:4284

Name	Version	Advisory
openstack-neutron-linuxbridge	15.2.1- 1.20200905043434.40d217c.el8 ost	RHEA-2020:4284
openstack-neutron-macvtap-agent	15.2.1- 1.20200905043434.40d217c.el8 ost	RHEA-2020:4284
openstack-neutron-metering-agent	15.2.1- 1.20200905043434.40d217c.el8 ost	RHEA-2020:4284
openstack-neutron-ml2	15.2.1- 1.20200905043434.40d217c.el8 ost	RHEA-2020:4284
openstack-neutron-openvswitch	15.2.1- 1.20200905043434.40d217c.el8 ost	RHEA-2020:4284
openstack-neutron-rpc-server	15.2.1- 1.20200905043434.40d217c.el8 ost	RHEA-2020:4284
openstack-neutron-sriov-nic-agent	15.2.1- 1.20200905043434.40d217c.el8 ost	RHEA-2020:4284
openstack-nova	20.3.1- 0.20200626213435.38ee1f3.el8o st	RHBA-2020:3572
openstack-nova	20.3.1- 0.20200626213436.38ee1f3.el8o st	RHSA-2020:3702
openstack-nova	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-api	20.3.1- 0.20200626213435.38ee1f3.el8o st	RHBA-2020:3572
openstack-nova-api	20.3.1- 0.20200626213436.38ee1f3.el8o st	RHSA-2020:3702
openstack-nova-api	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284

Name	Version	Advisory
openstack-nova-common	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-common	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova-common	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-compute	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-compute	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova-compute	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-conductor	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-conductor	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova-conductor	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-console	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-console	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova-console	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-migration	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-migration	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702

Name	Version	Advisory
openstack-nova-migration	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-novncproxy	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-novncproxy	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova-novncproxy	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-scheduler	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-scheduler	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova-scheduler	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-serialproxy	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-serialproxy	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova-serialproxy	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-nova-spicehtml5proxy	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
openstack-nova-spicehtml5proxy	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
openstack-nova-spicehtml5proxy	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
openstack-octavia-amphora-agent	5.0.3-1.20200904153428.8c32d2e.el8ost	RHEA-2020:4284

Name	Version	Advisory
openstack-octavia-api	5.0.3-1.20200904153428.8c32d2e.el8ost	RHEA-2020:4284
openstack-octavia-common	5.0.3-1.20200904153428.8c32d2e.el8ost	RHEA-2020:4284
openstack-octavia-diskimage-create	5.0.3-1.20200904153428.8c32d2e.el8ost	RHEA-2020:4284
openstack-octavia-health-manager	5.0.3-1.20200904153428.8c32d2e.el8ost	RHEA-2020:4284
openstack-octavia-housekeeping	5.0.3-1.20200904153428.8c32d2e.el8ost	RHEA-2020:4284
openstack-octavia-ui	4.0.1-0.20200625103440.7404468.el8ost	RHEA-2020:4284
openstack-octavia-worker	5.0.3-1.20200904153428.8c32d2e.el8ost	RHEA-2020:4284
openstack-placement-api	2.0.1-1.20200904163416.b020f71.el8ost	RHEA-2020:4284
openstack-placement-common	2.0.1-1.20200904163416.b020f71.el8ost	RHEA-2020:4284
openstack-selinux	0.8.24-1.20200914163011.26243bf.el8ost	RHSA-2020:4381
openstack-swift-account	2.23.2-1.20200902033423.eef87ee.el8ost	RHEA-2020:4284
openstack-swift-container	2.23.2-1.20200902033423.eef87ee.el8ost	RHEA-2020:4284

Name	Version	Advisory
openstack-swift-object	2.23.2-1.20200902033423.eef87ee.el8ost	RHEA-2020:4284
openstack-swift-proxy	2.23.2-1.20200902033423.eef87ee.el8ost	RHEA-2020:4284
openstack-tripleo-common	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
openstack-tripleo-common	11.4.1-1.20200914165651.el8ost	RHEA-2020:4284
openstack-tripleo-common-container-base	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
openstack-tripleo-common-container-base	11.4.1-1.20200914165651.el8ost	RHEA-2020:4284
openstack-tripleo-common-containers	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
openstack-tripleo-common-containers	11.4.1-1.20200914165651.el8ost	RHEA-2020:4284
openstack-tripleo-common-devtools	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
openstack-tripleo-common-devtools	11.4.1-1.20200914165651.el8ost	RHEA-2020:4284
openstack-tripleo-heat-templates	11.3.2-0.20200616081539.396affd.el8ost	RHBA-2020:3542
openstack-tripleo-heat-templates	11.3.2-1.20200914170156.el8ost	RHEA-2020:4284
openstack-tripleo-puppet-elements	11.2.2-0.20200701163410.432518a.el8ost	RHEA-2020:4284
openstack-tripleo-validations	11.3.2-0.20200611115253.08f469d.el8ost	RHBA-2020:3542
openstack-tripleo-validations	11.3.2-1.20200914170825.el8ost	RHEA-2020:4284

Name	Version	Advisory
openstack-zaqar	9.0.1-0.20200710103422.15a8ad7.el8ost	RHEA-2020:4284
os-net-config	11.3.2-0.20200804083433.f49ab16.el8ost	RHEA-2020:4284
paunch-services	5.3.3-1.20200826193407.ed2c015.el8ost	RHEA-2020:4284
puppet-aodh	15.4.1-1.20200813003403.ff3603e.el8ost	RHEA-2020:4284
puppet-barbican	15.4.1-1.20200818083554.da146d5.el8ost	RHEA-2020:4284
puppet-ceph	3.1.2-1.20200914171938.9243448.el8ost	RHEA-2020:4284
puppet-cinder	15.4.1-1.20200831153422.ff571a9.el8ost	RHEA-2020:4284
puppet-collectd	12.0.1-1.20200821073807.4686e16.el8ost	RHEA-2020:4284
puppet-glance	15.4.1-0.20200611153437.8ac5b13.el8ost	RHEA-2020:4284
puppet-gnocchi	15.4.1-1.20200818130933.7b0e3c7.el8ost	RHEA-2020:4284
puppet-heat	15.4.1-1.20200821233740.d02f3a4.el8ost	RHEA-2020:4284
puppet-ironic	15.4.1-1.20200814153354.39f97cc.el8ost	RHEA-2020:4284

Name	Version	Advisory
puppet-keystone	15.4.1- 1.20200901143407.1660e2c.el8ost	RHEA-2020:4284
puppet-manila	15.4.1- 1.20200818131916.6c1e210.el8ost	RHEA-2020:4284
puppet-mistral	15.4.1- 1.20200814104231.426952d.el8ost	RHEA-2020:4284
puppet-neutron	15.5.1- 0.20200714085939.7d0406b.el8ost	RHEA-2020:4284
puppet-nova	15.6.1- 1.20200814103355.51a6857.el8ost	RHEA-2020:4284
puppet-octavia	15.4.1- 1.20200914162756.b741773.el8ost	RHEA-2020:4284
puppet-pacemaker	1.0.1- 1.20200902203410.b501c08.el8ost	RHEA-2020:4284
puppet-placement	2.4.1- 1.20200814104126.85948e4.el8ost	RHEA-2020:4284
puppet-timezone	5.1.2- 0.20200228222931.21b4a58.el8ost	RHEA-2020:4284
puppet-tripleo	11.5.0- 0.20200616033428.8ff1c6a.el8ost	RHBA-2020:3542
puppet-tripleo	11.5.0- 1.20200914161840.f716ef5.el8ost	RHEA-2020:4284
python-openstackclient-lang	4.0.1- 1.20200817092223.bff556c.el8ost	RHEA-2020:4284

Name	Version	Advisory
python-oslo-policy-lang	2.3.4-0.20200714092902.5904564.el8ost	RHEA-2020:4284
python-oslo-utils-lang	3.41.6-0.20200703053412.f4deaad.el8ost	RHEA-2020:4284
python3-castellan	1.3.3-0.20200721063404.1177521.el8ost	RHEA-2020:4284
python3-ceilometer	13.1.2-0.20200728073410.35c7357.el8ost	RHEA-2020:4284
python3-cinder	15.3.1-1.20200914173114.00ac80b.el8ost	RHSA-2020:4283
python3-cliff	2.16.0-0.20200310155432.6b6b186.el8	RHEA-2020:4284
python3-designate	9.0.2-0.20200625123419.4fc04ee.el8ost	RHEA-2020:4284
python3-django-horizon	16.2.1-1.20200914175444.ca38848.el8ost	RHEA-2020:4284
python3-ec2-api	9.0.1-1.20200820183427.f901570.el8ost	RHEA-2020:4284
python3-glance	19.0.3-0.20200421223424.3e16bc7.el8ost	RHBA-2020:3570
python3-glance	19.0.4-1.20200918173611.5bbd356.el8ost	RHEA-2020:4284
python3-glance-store	1.0.2-1.20200825163437.bc62bb4.el8ost	RHEA-2020:4284
python3-glanceclient	2.17.1-1.20200812213401.1aba8f2.el8ost	RHEA-2020:4284

Name	Version	Advisory
python3-ironic-lib	2.21.2-0.20200618093455.cc50dab.el8ost	RHEA-2020:4284
python3-ironic-python-agent	5.0.4-1.20200812193348.9920532.el8ost	RHEA-2020:4284
python3-keystone	16.0.2-1.20200828063419.fb7d545.el8ost	RHEA-2020:4284
python3-keystoneauth1	3.17.3-0.20200714091827.7d7b956.el8ost	RHEA-2020:4284
python3-manila	9.1.5-1.20200914164232.d9e6743.el8ost	RHEA-2020:4284
python3-manila-tests-tempest	1.1.0-0.20200728083439.eba8fa9.el8ost	RHEA-2020:4284
python3-mistral	9.1.1-0.20200624003431.62b0b37.el8ost	RHEA-2020:4284
python3-networking-l2gw	15.0.1-1.20200824163407.1f84472.el8ost	RHEA-2020:4284
python3-networking-ovn	7.2.1-0.20200611133439.15f2281.el8ost	RHBA-2020:3568
python3-networking-ovn	7.3.1-1.20200902233412.4e24f4c.1.el8ost	RHEA-2020:4284
python3-networking-ovn-metadata-agent	7.2.1-0.20200611133439.15f2281.el8ost	RHBA-2020:3568
python3-networking-ovn-metadata-agent	7.3.1-1.20200902233412.4e24f4c.1.el8ost	RHEA-2020:4284
python3-networking-ovn-migration-tool	7.2.1-0.20200611133439.15f2281.el8ost	RHBA-2020:3568

Name	Version	Advisory
python3-networking-ovn-migration-tool	7.3.1-1.20200902233412.4e24f4c.1.el8ost	RHEA-2020:4284
python3-networking-vmware-nsx	15.0.1-1.20200901083416.dd0e81e.el8ost	RHEA-2020:4284
python3-neutron	15.2.1-1.20200905043434.40d217c.el8ost	RHEA-2020:4284
python3-neutron-dynamic-routing	15.0.1-1.20200821103647.56de1c4.el8ost	RHEA-2020:4284
python3-neutron-lib	1.29.1-1.20200909143452.4ef4b71.el8ost	RHEA-2020:4284
python3-neutron-lib-tests	1.29.1-1.20200909143452.4ef4b71.el8ost	RHEA-2020:4284
python3-neutron-tests-tempest	0.9.0-1.20200910133418.15c85f6.el8ost	RHEA-2020:4284
python3-neutronclient	6.14.1-0.20200629073412.a09e824.el8ost	RHEA-2020:4284
python3-nova	20.3.1-0.20200626213435.38ee1f3.el8ost	RHBA-2020:3572
python3-nova	20.3.1-0.20200626213436.38ee1f3.el8ost	RHSA-2020:3702
python3-nova	20.4.1-1.20200914172612.el8ost	RHEA-2020:4284
python3-novaclient	15.1.1-0.20200629073413.79959ab.el8ost	RHEA-2020:4284
python3-novajoin-tests-tempest	0.0.4-1.20200831203407.468b968.el8ost	RHEA-2020:4284

Name	Version	Advisory
python3-octavia	5.0.3-1.20200904153428.8c32d2e.el8ost	RHEA-2020:4284
python3-octaviaclient	1.10.1-0.20200629074403.b5397ea.el8ost	RHEA-2020:4284
python3-openstackclient	4.0.1-1.20200817092223.bff556c.el8ost	RHEA-2020:4284
python3-openstacksdk	0.36.4-0.20200715054250.76d3b29.el8ost	RHEA-2020:4284
python3-os-brick	2.10.3-0.20200605063443.55fc998.el8ost	RHBA-2020:3542
python3-os-brick	2.10.5-1.20200916163418.634fb4a.el8ost	RHEA-2020:4284
python3-os-testr	1.1.0-0.20200310160449.414bbf6.el8ost	RHEA-2020:4284
python3-os-win	4.3.3-0.20200714091827.3bdedd9.el8ost	RHEA-2020:4284
python3-oslo-messaging	10.2.1-0.20200721053427.1613b7a.el8ost	RHEA-2020:4284
python3-oslo-policy	2.3.4-0.20200714092902.5904564.el8ost	RHEA-2020:4284
python3-oslo-utils	3.41.6-0.20200703053412.f4deaad.el8ost	RHEA-2020:4284
python3-ovsdbapp	0.17.4-1.20200828083359.c5b598d.el8ost	RHEA-2020:4284

Name	Version	Advisory
python3-paunch	5.3.3-1.20200826193407.ed2c015.el8ost	RHEA-2020:4284
python3-placement	2.0.1-1.20200904163416.b020f71.el8ost	RHEA-2020:4284
python3-qpidd-proton	0.32.0-2.el8	RHEA-2020:4284
python3-requestsexceptions	1.4.0-0.20200310160020.d7ac0ff.el8	RHEA-2020:4284
python3-swift	2.23.2-1.20200902033423.eef87ee.el8ost	RHEA-2020:4284
python3-tempestconf	3.0.2-1.20200817103403.c377168.el8ost	RHEA-2020:4284
python3-tripleo-common	11.3.3-0.20200611110657.f7715be.el8ost	RHBA-2020:3542
python3-tripleo-common	11.4.1-1.20200914165651.el8ost	RHEA-2020:4284
python3-tripleoclient	12.3.2-1.20200914164928.el8ost	RHEA-2020:4284
python3-tripleoclient-heat-installer	12.3.2-1.20200914164928.el8ost	RHEA-2020:4284
python3-validations-libs	1.0.5-1.20200914174429.4a660ec.el8ost	RHEA-2020:4284
python3-vmware-nxplib	15.0.3-1.20200914174244.4e71a0d.el8ost	RHEA-2020:4284
qpidd-proton-c	0.32.0-2.el8	RHEA-2020:4284
rhosp-director-images	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-director-images-all	16.1-20200812.3.el8ost	RHBA-2020:3571

Name	Version	Advisory
rhosp-director-images-all	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-director-images-ipa	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-ipa	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-director-images-ipa-ppc64le	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-ipa-ppc64le	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-director-images-ipa-x86_64	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-ipa-x86_64	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-director-images-minimal	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-minimal	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-director-images-ppc64le	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-ppc64le	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-director-images-x86_64	16.1-20200812.3.el8ost	RHBA-2020:3571
rhosp-director-images-x86_64	16.1-20201003.1.el8ost	RHEA-2020:4380
rhosp-release	16.1.1-1.el8ost	RHBA-2020:3569
rhosp-release	16.1.2-2.el8ost	RHEA-2020:4284
tripleo-ansible	0.5.1-0.20200611113659.34b8fcc.el8ost	RHBA-2020:3542
tripleo-ansible	0.5.1-1.20200914163925.el8ost	RHEA-2020:4284
validations-common	1.1.2-1.20200914180304.7f3c565.el8ost	RHEA-2020:4284

CHAPTER 5. RED HAT OPENSTACK PLATFORM 16.1.3

This section outlines the packages shipped in each repository released with the general availability of Red Hat OpenStack Platform 16.1.3.

5.1. PACKAGE LIST

For information about package designation, see

https://access.redhat.com/support/offerings/production/scope_moredetail.

Table 5.1. Package List

Package Name	License
ansible-collections-openstack	"GPLv3+"
ansible-config_template	"ASL 2.0"
ansible-pacemaker	"ASL 2.0"
ansible-role-atos-hsm	"ASL 2.0"
ansible-role-chrony	"ASL 2.0"
ansible-role-container-registry	"ASL 2.0"
ansible-role-lunasa-hsm	"ASL 2.0"
ansible-role-network-runner	"ASL 2.0"
ansible-role-openstack-ml2	"ASL 2.0"
ansible-role-openstack-operations	"ASL 2.0"
ansible-role-redhat-subscription	"ASL 2.0"
ansible-role-thales-hsm	"ASL 2.0"
ansible-role-tripleo-modify-image	"ASL 2.0"
ansible-tripleo-ipa	"ASL 2.0"
ansible-tripleo-ipsec	"GPLv3+"
ansible-tripleo-powerflex	"ASL 2.0"
bootswatch-common	"MIT"

Package Name	License
bootswatch-fonts	"MIT"
collectd	"MIT and GPLv2"
collectd-amqp1	"MIT and GPLv2"
collectd-connectivity	"MIT and GPLv2"
collectd-dbi	"MIT and GPLv2"
collectd-dpdk_telemetry	"MIT and GPLv2"
collectd-hugepages	"MIT and GPLv2"
collectd-libpod-stats	"MIT"
collectd-mcelog	"MIT and GPLv2"
collectd-ovs-events	"MIT and GPLv2"
collectd-ovs-stats	"MIT and GPLv2"
collectd-pcie-errors	"MIT and GPLv2"
collectd-ping	"MIT and GPLv2"
collectd-pmu	"MIT and GPLv2"
collectd-procevent	"MIT and GPLv2"
collectd-python	"MIT and GPLv2"
collectd-rdt	"MIT and GPLv2"
collectd-sensubility	"ASL 2.0"
collectd-snmp-agent	"MIT and GPLv2"
collectd-sysevent	"MIT and GPLv2"
collectd-turbostat	"MIT and GPLv2"
cpp-hocon	"ASL 2.0"
crudini	"GPLv2"

Package Name	License
dibbler-client	"GPLv2"
dibbler-relay	"GPLv2"
dibbler-requestor	"GPLv2"
dibbler-server	"GPLv2"
dib-utils	"ASL 2.0"
diskimage-builder	"ASL 2.0"
dumb-init	"MIT"
elixir	"ASL 2.0"
erlang-asn1	"ASL 2.0"
erlang-compiler	"ASL 2.0"
erlang-crypto	"ASL 2.0"
erlang-eldap	"ASL 2.0"
erlang-erts	"ASL 2.0"
erlang-hipe	"ASL 2.0"
erlang-inets	"ASL 2.0"
erlang-kernel	"ASL 2.0"
erlang-mnesia	"ASL 2.0"
erlang-os_mon	"ASL 2.0"
erlang-otp_mibs	"ASL 2.0"
erlang-parsetools	"ASL 2.0"
erlang-public_key	"ASL 2.0"
erlang-runtime_tools	"ASL 2.0"
erlang-sasl	"ASL 2.0"

Package Name	License
erlang-sd_notify	"MIT"
erlang-snmp	"ASL 2.0"
erlang-ssl	"ASL 2.0"
erlang-stdlib	"ASL 2.0"
erlang-syntax_tools	"ASL 2.0"
erlang-tools	"ASL 2.0"
erlang-xmerl	"ASL 2.0"
etcd	"ASL 2.0"
facter	"ASL 2.0"
fontawesome-fonts	"OFL"
fontawesome-fonts-web	"OFL and MIT"
gnocchi-api	"ASL 2.0"
gnocchi-common	"ASL 2.0"
gnocchi-metricd	"ASL 2.0"
gnocchi-statsd	"ASL 2.0"
golang-github-BurntSushi-toml-devel	"BSD"
golang-github-davecgh-go-spew-devel	"ISC"
golang-github-golang-sys-devel	"BSD"
golang-github-infrawatch-apputils	"ASL 2.0"
golang-github-pmezard-go-difflib-devel	"BSD"
golang-github-Sirupsen-logrus-devel	"MIT"
golang-github-stretchr-objx-devel	"MIT"
golang-github-stretchr-testify-devel	"MIT"

Package Name	License
golang-github-urfave-cli-devel	"MIT"
golang-github-vbatts-tar-split	"BSD"
golang-golangorg-crypto-devel	"BSD"
golang-gopkg-check-devel	"BSD"
golang-gopkg-yaml-devel	"LGPLv3 with exceptions"
golang-gopkg-yaml-devel-v2	"LGPLv3 with exceptions"
golang-qpide-apache	"BSD and ASL 2.0"
heat-cfnutils	"ASL 2.0"
hier	"ASL 2.0"
intel-cmt-cat	"BSD"
jevents	"GPLv2 and BSD"
kuryr-binding-scripts	"ASL 2.0"
leatherman	"ASL 2.0 and MIT"
libdbi	"LGPLv2+"
liberasurecode	"BSD and CRC32"
liboping	"GPLv2"
libsodium	"ISC"
libwebsockets	"LGPLv2 and Public Domain and BSD and MIT and zlib"
mdi-common	"OFL"
mdi-fonts	"OFL"
ndisc6	"GPLv2 or GPLv3"
novnc	"GPLv3"

Package Name	License
octavia-amphora-image-x86_64	"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"
openstack-aodh-api	"ASL 2.0"
openstack-aodh-common	"ASL 2.0"
openstack-aodh-compatible	"ASL 2.0"
openstack-aodh-evaluator	"ASL 2.0"
openstack-aodh-expirer	"ASL 2.0"
openstack-aodh-listener	"ASL 2.0"
openstack-aodh-notifier	"ASL 2.0"
openstack-barbican	"ASL 2.0"
openstack-barbican-api	"ASL 2.0"
openstack-barbican-common	"ASL 2.0"
openstack-barbican-keystone-listener	"ASL 2.0"
openstack-barbican-worker	"ASL 2.0"
openstack-ceilometer-central	"ASL 2.0"
openstack-ceilometer-common	"ASL 2.0"
openstack-ceilometer-compute	"ASL 2.0"

Package Name	License
openstack-ceilometer-ipmi	"ASL 2.0"
openstack-ceilometer-notification	"ASL 2.0"
openstack-ceilometer-polling	"ASL 2.0"
openstack-cinder	"ASL 2.0"
openstack-dashboard	"ASL 2.0 and BSD"
openstack-dashboard-theme	"ASL 2.0"
openstack-designate-agent	"ASL 2.0"
openstack-designate-api	"ASL 2.0"
openstack-designate-central	"ASL 2.0"
openstack-designate-common	"ASL 2.0"
openstack-designate-mdns	"ASL 2.0"
openstack-designate-producer	"ASL 2.0"
openstack-designate-sink	"ASL 2.0"
openstack-designate-worker	"ASL 2.0"
openstack-ec2-api	"ASL 2.0"
openstack-glance	"ASL 2.0"
openstack-heat-agents	"ASL 2.0"
openstack-heat-api	"ASL 2.0"
openstack-heat-api-cfn	"ASL 2.0"
openstack-heat-common	"ASL 2.0"
openstack-heat-engine	"ASL 2.0"
openstack-heat-monolith	"ASL 2.0"
openstack-heat-ui	"ASL 2.0"

Package Name	License
openstack-ironic-api	"ASL 2.0"
openstack-ironic-common	"ASL 2.0"
openstack-ironic-conductor	"ASL 2.0"
openstack-ironic-inspector	"ASL 2.0"
openstack-ironic-inspector-dnsmasq	"ASL 2.0"
openstack-ironic-python-agent	"ASL 2.0"
openstack-ironic-python-agent-builder	"ASL 2.0"
openstack-ironic-staging-drivers	"ASL 2.0"
openstack-ironic-ui	"ASL 2.0"
openstack-keystone	"ASL 2.0"
openstack-manila	"ASL 2.0"
openstack-manila-share	"ASL 2.0"
openstack-manila-ui	"ASL 2.0"
openstack-mistral-all	"ASL 2.0"
openstack-mistral-api	"ASL 2.0"
openstack-mistral-common	"ASL 2.0"
openstack-mistral-engine	"ASL 2.0"
openstack-mistral-event-engine	"ASL 2.0"
openstack-mistral-executor	"ASL 2.0"
openstack-mistral-notifier	"ASL 2.0"
openstack-neutron	"ASL 2.0"
openstack-neutron-bgp-dragent	"ASL 2.0"
openstack-neutron-bigswitch-agent	"ASL 2.0"

Package Name	License
openstack-neutron-common	"ASL 2.0"
openstack-neutron-dynamic-routing-common	"ASL 2.0"
openstack-neutron-l2gw-agent	"ASL 2.0"
openstack-neutron-linuxbridge	"ASL 2.0"
openstack-neutron-macvtap-agent	"ASL 2.0"
openstack-neutron-metering-agent	"ASL 2.0"
openstack-neutron-ml2	"ASL 2.0"
openstack-neutron-openvswitch	"ASL 2.0"
openstack-neutron-rpc-server	"ASL 2.0"
openstack-neutron-sriov-nic-agent	"ASL 2.0"
openstack-nova	"ASL 2.0"
openstack-nova-api	"ASL 2.0"
openstack-nova-common	"ASL 2.0"
openstack-nova-compute	"ASL 2.0"
openstack-nova-conductor	"ASL 2.0"
openstack-nova-console	"ASL 2.0"
openstack-nova-migration	"ASL 2.0"
openstack-nova-novncproxy	"ASL 2.0"
openstack-nova-scheduler	"ASL 2.0"
openstack-nova-serialproxy	"ASL 2.0"
openstack-nova-spicehtml5proxy	"ASL 2.0"
openstack-octavia-amphora-agent	"ASL 2.0"
openstack-octavia-api	"ASL 2.0"

Package Name	License
openstack-octavia-common	"ASL 2.0"
openstack-octavia-diskimage-create	"ASL 2.0"
openstack-octavia-health-manager	"ASL 2.0"
openstack-octavia-housekeeping	"ASL 2.0"
openstack-octavia-ui	"ASL 2.0"
openstack-octavia-worker	"ASL 2.0"
openstack-panko-api	"ASL 2.0"
openstack-panko-common	"ASL 2.0"
openstack-placement-api	"ASL 2.0"
openstack-placement-common	"ASL 2.0"
openstack-selinux	"GPLv2"
openstack-swift-account	"ASL 2.0"
openstack-swift-container	"ASL 2.0"
openstack-swift-object	"ASL 2.0"
openstack-swift-proxy	"ASL 2.0"
openstack-tempest	"ASL 2.0"
openstack-tempest-all	"ASL 2.0"
openstack-tripleo-common	"ASL 2.0"
openstack-tripleo-common-container-base	"ASL 2.0"
openstack-tripleo-common-containers	"ASL 2.0"
openstack-tripleo-common-devtools	"ASL 2.0"
openstack-tripleo-heat-templates	"ASL 2.0"
openstack-tripleo-image-elements	"ASL 2.0"

Package Name	License
openstack-tripleo-puppet-elements	"ASL 2.0"
openstack-tripleo-validations	"ASL 2.0"
openstack-zaqar	"ASL 2.0"
os-apply-config	"ASL 2.0"
os-collect-config	"ASL 2.0"
os-net-config	"ASL 2.0"
os-refresh-config	"ASL 2.0"
paunch-services	"ASL 2.0"
plotnetcfg	"GPLv2+"
pmu-data	"GPLv2 and BSD"
pmu-tools	"GPLv2 and BSD"
puppet	"ASL 2.0"
puppet-aodh	"ASL 2.0"
puppet-apache	"ASL 2.0"
puppet-archive	"ASL 2.0"
puppet-auditd	"BSD"
puppet-barbican	"ASL 2.0"
puppet-cassandra	"ASL 2.0"
puppet-ceilometer	"ASL 2.0"
puppet-ceph	"ASL 2.0"
puppet-certmonger	"ASL 2.0"
puppet-cinder	"ASL 2.0"
puppet-collectd	"ASL 2.0"

Package Name	License
puppet-concat	"ASL 2.0"
puppet-contrail	"ASL 2.0"
puppet-corosync	"ASL 2.0"
puppet-datacat	"ASL 2.0"
puppet-designate	"ASL 2.0"
puppet-dns	"ASL 2.0"
puppet-ec2api	"ASL 2.0"
puppet-elasticsearch	"ASL 2.0"
puppet-etcd	"ASL 2.0"
puppet-fdio	"ASL 2.0"
puppet-firewall	"ASL 2.0"
puppet-git	"ASL 2.0"
puppet-glance	"ASL 2.0"
puppet-gnocchi	"ASL 2.0"
puppet-haproxy	"ASL 2.0"
puppet-headless	"ASL 2.0"
puppet-heat	"ASL 2.0"
puppet-horizon	"ASL 2.0"
puppet-inifile	"ASL 2.0"
puppet-ipaclient	"MIT"
puppet-ironic	"ASL 2.0"
puppet-java	"ASL 2.0"
puppet-kafka	"ASL 2.0"

Package Name	License
puppet-keepalived	"ASL 2.0"
puppet-keystone	"ASL 2.0"
puppet-kibana3	"ASL 2.0"
puppet-kmod	"ASL 2.0"
puppet-manila	"ASL 2.0"
puppet-memcached	"ASL 2.0"
puppet-midonet	"ASL 2.0"
puppet-mistral	"ASL 2.0"
puppet-module-data	"ASL 2.0"
puppet-mysql	"ASL 2.0"
puppet-n1k-vsm	"ASL 2.0"
puppet-neutron	"ASL 2.0"
puppet-nova	"ASL 2.0"
puppet-nssdb	"ASL 2.0"
puppet-octavia	"ASL 2.0"
puppet-opendaylight	"BSD-2-Clause"
puppet-openstack_extras	"ASL 2.0"
puppet-openstacklib	"ASL 2.0"
puppet-oslo	"ASL 2.0"
puppet-ovn	"ASL 2.0"
puppet-pacemaker	"ASL 2.0"
puppet-panko	"ASL 2.0"
puppet-placement	"ASL 2.0"

Package Name	License
puppet-qdr	"ASL 2.0"
puppet-rabbitmq	"ASL 2.0"
puppet-redis	"ASL 2.0"
puppet-remote	"ASL 2.0"
puppet-rsync	"ASL 2.0"
puppet-rsyslog	"ASL 2.0"
puppet-sahara	"ASL 2.0"
puppet-server	"ASL 2.0"
puppet-snmp	"ASL 2.0"
puppet-ssh	"ASL 2.0"
puppet-staging	"ASL 2.0"
puppet-stdlib	"ASL 2.0"
puppet-swift	"ASL 2.0"
puppet-sysctl	"GPLv2"
puppet-systemd	"ASL 2.0"
puppet-timezone	"ASL 2.0"
puppet-tomcat	"ASL 2.0"
puppet-tripleo	"ASL 2.0"
puppet-trove	"ASL 2.0"
puppet-vcsrepo	"GPLv2"
puppet-veritas_hyperscale	"ASL 2.0"
puppet-vswitch	"ASL 2.0"
puppet-xinetd	"ASL 2.0"

Package Name	License
puppet-zaqar	"ASL 2.0"
puppet-zookeeper	"ASL 2.0"
python3-adal	"MIT"
python3-alembic	"MIT"
python3-amqp	"BSD"
python3-aniso8601	"GPLv3+"
python3-ansible-runner	"ASL 2.0"
python3-anyjson	"BSD"
python3-aodh	"ASL 2.0"
python3-aodhclient	"ASL 2.0"
python3-appdirs	"MIT"
python3-autobahn	"MIT"
python3-automaton	"ASL 2.0"
python3-barbican	"ASL 2.0"
python3-barbicanclient	"ASL 2.0"
python3-barbican-tests-tempest	"ASL 2.0"
python3-bcrypt	"ASL 2.0 and Public Domain and BSD"
python3-beautifulsoup4	"MIT"
python3-boto	"MIT"
python3-boto3	"ASL 2.0"
python3-botoCore	"ASL 2.0"
python3-cachetools	"MIT"
python3-castellan	"ASL 2.0"

Package Name	License
python3-ceilometer	"ASL 2.0"
python3-ceilometermiddleware	"ASL 2.0"
python3-certifi	"MPLv2.0"
python3-cinder	"ASL 2.0"
python3-cinderclient	"ASL 2.0"
python3-cinderlib	"ASL 2.0"
python3-cinderlib-tests-functional	"ASL 2.0"
python3-cinder-tests-tempest	"ASL 2.0"
python3-cliff	"ASL 2.0"
python3-cmd2	"MIT"
python3-collectd-gnocchi	"ASL 2.0"
python3-collectd-rabbitmq-monitoring	"ASL 2.0"
python3-colorama	"BSD"
python3-construct	"MIT"
python3-contextlib2	"Python"
python3-cotyledon	"ASL 2.0"
python3-cradox	"LGPLv2"
python3-croniter	"MIT"
python3-crypto	"Public Domain and Python"
python3-cursive	"ASL 2.0"
python3-Cython	"Python"
python3-daemon	"ASL2.0"
python3-daiquiri	"ASL 2.0"

Package Name	License
python3-dateutil	"BSD"
python3-ddt	"MIT"
python3-debtcollector	"ASL 2.0"
python3-defusedxml	"Python"
python3-designate	"ASL 2.0"
python3-designateclient	"ASL 2.0"
python3-designate-tests-tempest	"ASL 2.0"
python3-dictdiffer	"MIT"
python3-django20	"BSD"
python3-django-appconf	"BSD"
python3-django-compressor	"MIT"
python3-django-debreach	"BSD"
python3-django-horizon	"ASL 2.0 and BSD"
python3-django-pyscss	"BSD"
python3-dogpile-cache	"BSD"
python3-dracclient	"ASL 2.0"
python3-ec2-api	"ASL 2.0"
python3-editor	"ASL 2.0"
python3-etcd3gw	"ASL 2.0"
python3-eventlet	"MIT"
python3-extras	"MIT"
python3-falcon	"ASL 2.0"
python3-fasteners	"ASL 2.0"

Package Name	License
python3-fixtures	"ASL 2.0 or BSD"
python3-flake8	"MIT"
python3-flask	"BSD"
python3-flask-restful	"BSD"
python3-funcsigs	"ASL 2.0"
python3-future	"MIT"
python3-futurist	"ASL 2.0"
python3-gabbi	"ASL 2.0"
python3-gitdb	"BSD"
python3-GitPython	"BSD"
python3-glance	"ASL 2.0"
python3-glanceclient	"ASL 2.0"
python3-glance-store	"ASL 2.0"
python3-gnocchi	"ASL 2.0"
python3-gnocchiclient	"ASL 2.0"
python3-google-auth	"ASL 2.0"
python3-greenlet	"MIT"
python3-gunicorn	"MIT"
python3-hardware	"ASL 2.0"
python3-hardware-detect	"ASL 2.0"
python3-heat-agent	"ASL 2.0"
python3-heat-agent-ansible	"ASL 2.0"
python3-heat-agent-apply-config	"ASL 2.0"

Package Name	License
python3-heat-agent-docker-cmd	"ASL 2.0"
python3-heat-agent-hiera	"ASL 2.0"
python3-heat-agent-json-file	"ASL 2.0"
python3-heat-agent-puppet	"ASL 2.0"
python3-heatclient	"ASL 2.0"
python3-heat-tests-tempest	"ASL 2.0"
python3-horizon-tests-tempest	"ASL 2.0"
python3-lmcSdk	"ASL 2.0"
python3-ironicclient	"ASL 2.0"
python3-ironic-inspector-client	"ASL 2.0"
python3-ironic-lib	"ASL 2.0"
python3-ironic-neutron-agent	"ASL 2.0"
python3-ironic-prometheus-exporter	"ASL 2.0"
python3-ironic-python-agent	"ASL 2.0"
python3-ironic-tests-tempest	"ASL 2.0"
python3-iso8601	"MIT"
python3-json-logger	"BSD"
python3-jsonpath-rw	"ASL 2.0"
python3-jsonpath-rw-ext	"ASL 2.0"
python3-junitxml	"LGPLv3"
python3-kazoo	"ASL 2.0"
python3-kerberos	"ASL 2.0"
python3-keyring	"MIT and Python"

Package Name	License
python3-keystone	"ASL 2.0"
python3-keystoneauth1	"ASL 2.0"
python3-keystoneclient	"ASL 2.0"
python3-keystonemiddleware	"ASL 2.0"
python3-keystone-tests-tempest	"ASL 2.0"
python3-kombu	"BSD and Python"
python3-kubernetes	"ASL 2.0"
python3-kuryr-tests-tempest	"ASL 2.0"
python3-ldap3	"LGPLv2+"
python3-ldapool	"MPLv1.1 and GPLv2+ and LGPLv2+"
python3-lesscpy	"MIT"
python3-linecache2	"Python"
python3-lockfile	"MIT"
python3-logutils	"BSD"
python3-lz4	"BSD"
python3-magnumclient	"ASL 2.0"
python3-manila	"ASL 2.0"
python3-manilaclient	"ASL 2.0"
python3-manila-tests-tempest	"ASL 2.0"
python3-markupsafe	"BSD"
python3-mccabe	"MIT"
python3-memcached	"Python"
python3-metalsmith	"ASL 2.0"

Package Name	License
python3-microversion-parse	"ASL 2.0"
python3-migrate	"MIT"
python3-mimeparse	"MIT"
python3-mistral	"ASL 2.0"
python3-mistralclient	"ASL 2.0"
python3-mistral-lib	"ASL 2.0"
python3-mistral-tests-tempest	"ASL 2.0"
python3-mock	"BSD"
python3-monotonic	"ASL 2.0"
python3-more-itertools	"MIT"
python3-mox3	"ASL 2.0"
python3-msgpack	"ASL 2.0"
python3-munch	"MIT"
python3-netifaces	"MIT"
python3-networking-ansible	"ASL 2.0"
python3-networking-baremetal	"ASL 2.0"
python3-networking-bgpvpn	"ASL 2.0"
python3-networking-bgpvpn-dashboard	"ASL 2.0"
python3-networking-bgpvpn-heat	"ASL 2.0"
python3-networking-bigswitch	"ASL 2.0"
python3-networking-fujitsu	"ASL 2.0"
python3-networking-l2gw	"ASL 2.0"
python3-networking-l2gw-tests-tempest	"ASL 2.0"

Package Name	License
python3-networking-ovn	"ASL 2.0"
python3-networking-ovn-metadata-agent	"ASL 2.0"
python3-networking-ovn-migration-tool	"ASL 2.0"
python3-networking-sfc	"ASL 2.0"
python3-networking-vmware-nsx	"ASL 2.0"
python3-network-runner	"ASL 2.0"
python3-neutron	"ASL 2.0"
python3-neutronclient	"ASL 2.0"
python3-neutron-dynamic-routing	"ASL 2.0"
python3-neutron-lib	"ASL 2.0"
python3-neutron-lib-tests	"ASL 2.0"
python3-neutron-tests-tempest	"ASL 2.0"
python3-nova	"ASL 2.0"
python3-novaclient	"ASL 2.0"
python3-novajoin	"ASL 2.0"
python3-novajoin-tests-tempest	"ASL 2.0"
python3-numpy	"BSD"
python3-numpy-f2py	"BSD and Python"
python3-octavia	"ASL 2.0"
python3-octaviaclient	"ASL 2.0"
python3-octavia-lib	"ASL 2.0"
python3-octavia-tests-tempest	"ASL 2.0"
python3-octavia-tests-tempest-golang	"ASL 2.0"

Package Name	License
python3-openshift	"MIT"
python3-openstackclient	"ASL 2.0"
python3-openstacksdk	"ASL 2.0"
python3-os-brick	"ASL 2.0"
python3-osc-lib	"ASL 2.0"
python3-os-client-config	"ASL 2.0"
python3-osc-placement	"ASL 2.0"
python3-os-ken	"ASL 2.0"
python3-oslo-cache	"ASL 2.0"
python3-oslo-concurrency	"ASL 2.0"
python3-oslo-config	"ASL 2.0"
python3-oslo-context	"ASL 2.0"
python3-oslo-db	"ASL 2.0"
python3-oslo-i18n	"ASL 2.0"
python3-oslo-log	"ASL 2.0"
python3-oslo-messaging	"ASL 2.0"
python3-oslo-middleware	"ASL 2.0"
python3-oslo-policy	"ASL 2.0"
python3-oslo-privsep	"ASL 2.0"
python3-oslo-reports	"ASL 2.0"
python3-oslo-rootwrap	"ASL 2.0"
python3-oslo-serialization	"ASL 2.0"
python3-oslo-service	"ASL 2.0"

Package Name	License
python3-oslotest	"ASL 2.0"
python3-oslo-upgradecheck	"ASL 2.0"
python3-oslo-utils	"ASL 2.0"
python3-oslo-versionedobjects	"ASL 2.0"
python3-oslo-vmware	"ASL 2.0"
python3-osprofiler	"ASL 2.0"
python3-os-resource-classes	"ASL 2.0"
python3-os-service-types	"ASL 2.0"
python3-os-testr	"ASL 2.0"
python3-os-traits	"ASL 2.0"
python3-os-vif	"ASL 2.0"
python3-os-win	"ASL 2.0"
python3-os-xenapi	"ASL 2.0"
python3-ovirt-engine-sdk4	"ASL 2.0"
python3-ovsdbapp	"ASL 2.0"
python3-panko	"ASL 2.0"
python3-pankoclient	"ASL 2.0"
python3-paramiko	"LGPLv2+"
python3-passlib	"BSD and Beerware and Copyright only"
python3-paste	"MIT and ZPLv2.0 and Python and (AFL or MIT) and (MIT or ASL 2.0)"
python3-paste-deploy	"MIT"
python3-patrole-tests-tempest	"ASL 2.0"

Package Name	License
python3-paunch	"ASL 2.0"
python3-pbr	"ASL 2.0"
python3-pecan	"BSD"
python3-pexpect	"MIT"
python3-pint	"BSD"
python3-placement	"ASL 2.0"
python3-pluggy	"MIT"
python3-posix_ipc	"BSD"
python3-proliantutils	"ASL 2.0"
python3-prometheus_client	"ASL 2.0"
python3-protobuf	"BSD"
python3-psutil	"BSD"
python3-pycadf	"ASL 2.0"
python3-pycodestyle	"MIT"
python3-pyeclib	"BSD"
python3-pyflakes	"MIT"
python3-pyghmi	"ASL 2.0"
python3-pynacl	"ASL 2.0"
python3-pyngus	"ASL 2.0"
python3-pyparsing	"MIT"
python3-pyrabbit2	"MIT"
python3-pyroute2	"GPLv2+"
python3-pysaml2	"ASL 2.0"

Package Name	License
python3-pysendfile	"MIT"
python3-pysnmp	"BSD"
python3-pystache	"MIT"
python3-pytest	"MIT"
python3-pytimeparse	"MIT"
python3-pyxattr	"LGPLv2+"
python3-qp-id-proton	"ASL 2.0"
python3-rcssmin	"ASL 2.0"
python3-redis	"MIT"
python3-repoze-lru	"BSD"
python3-requestsexceptions	"ASL 2.0"
python3-requests-kerberos	"MIT"
python3-retrying	"ASL 2.0"
python3-rfc3986	"ASL 2.0"
python3-rhosp-openvswitch	"Public domain"
python3-rjsmin	"ASL 2.0"
python3-routes	"BSD"
python3-rsa	"ASL 2.0"
python3-rsdclient	"ASL 2.0"
python3-rsd-lib	"ASL 2.0"
python3-ruamel-yaml	"MIT"
python3-s3transfer	"ASL 2.0"
python3-saharaclient	"ASL 2.0"

Package Name	License
python3-scciclient	"ASL 2.0"
python3-scrypt	"BSD"
python3-scss	"MIT"
python3-SecretStorage	"BSD"
python3-setproctitle	"BSD"
python3-shade	"ASL 2.0"
python3-simplegeneric	"Python or ZPLv2.1"
python3-simplejson	"(MIT or AFL) and (MIT or GPLv2)"
python3-six	"MIT"
python3-smmap	"BSD"
python3-snappy	"BSD"
python3-sqlalchemy-collectd	"MIT"
python3-sqlalchemy-utils	"BSD"
python3-sqlparse	"BSD"
python3-statsd	"MIT"
python3-stestr	"ASL 2.0"
python3-stevedore	"ASL 2.0"
python3-string_utils	"MIT"
python3-subunit	"ASL 2.0 or BSD"
python3-sushy	"ASL 2.0"
python3-sushy-oem-idrac	"ASL 2.0"
python3-swift	"ASL 2.0"
python3-swiftclient	"ASL 2.0"

Package Name	License
python3-sysv_ipc	"GPLv3+"
python3-tap-as-a-service	"ASL 2.0"
python3-taskflow	"ASL 2.0"
python3-telemetry-tests-tempest	"ASL 2.0"
python3-tempest	"ASL 2.0"
python3-tempestconf	"ASL 2.0"
python3-tempest-tests	"ASL 2.0"
python3-tempita	"MIT"
python3-tenacity	"ASL 2.0"
python3-testrepository	"ASL 2.0"
python3-testscenarios	"ASL 2.0 and BSD"
python3-testtools	"MIT"
python3-tinyrpc	"MIT"
python3-tooz	"ASL 2.0"
python3-traceback2	"Python"
python3-tripleoclient	"ASL 2.0"
python3-tripleoclient-heat-installer	"ASL 2.0"
python3-tripleo-common	"ASL 2.0"
python3-tripleo-common-tests-tempest	"ASL 2.0"
python3-trollius	"ASL 2.0"
python3-troveclient	"ASL 2.0"
python3-twisted	"MIT"
python3-txaio	"MIT"

Package Name	License
python3-ujson	"BSD"
python3-unittest2	"BSD"
python3-urllib-gssapi	"ASL 2.0"
python3-validations-libs	"ASL 2.0"
python3-versiontools	"LGPLv3"
python3-vine	"BSD"
python3-vmware-nsxlib	"ASL 2.0"
python3-voluptuous	"BSD"
python3-waitress	"ZPLv2.1"
python3-warlock	"ASL 2.0"
python3-webob	"MIT"
python3-websocket-client	"BSD"
python3-websockify	"LGPLv3"
python3-webtest	"MIT"
python3-werkzeug	"BSD"
python3-wrapt	"BSD"
python3-wsaccel	"ASL 2.0"
python3-wsgi_intercept	"MIT"
python3-wsme	"MIT"
python3-XStatic	"MIT"
python3-XStatic-Angular	"MIT"
python3-XStatic-Angular-Bootstrap	"MIT"
python3-XStatic-Angular-FileUpload	"MIT"

Package Name	License
python3-XStatic-Angular-Gettext	"MIT"
python3-XStatic-Angular-Irdragndrop	"MIT"
python3-XStatic-Angular-Schema-Form	"MIT"
python3-XStatic-Angular-UUID	"MIT"
python3-XStatic-Angular-Vis	"MIT"
python3-XStatic-Bootstrap-Datepicker	"ASL 2.0"
python3-XStatic-Bootstrap-SCSS	"MIT"
python3-XStatic-bootstrap	"MIT"
python3-XStatic-D3	"BSD"
python3-XStatic-FileSaver	"MIT"
python3-XStatic-Font-Awesome	"OFL and MIT"
python3-XStatic-Hogan	"ASL 2.0"
python3-XStatic-Jasmine	"MIT"
python3-XStatic-jQuery224	"MIT"
python3-XStatic-JQuery-Migrate	"MIT"
python3-XStatic-JQuery-quicksearch	"MIT"
python3-XStatic-JQuery-TableSorter	"MIT"
python3-XStatic-jquery-ui	"CC0"
python3-XStatic-JSEncrypt	"MIT"
python3-XStatic-Json2yaml	"MIT"
python3-XStatic-JS-Yaml	"MIT"
python3-XStatic-Magic-Search	"ASL 2.0"
python3-XStatic-mdi	"OFL"

Package Name	License
python3-XStatic-objectpath	"MIT"
python3-XStatic-Rickshaw	"MIT"
python3-XStatic-roboto-fontface	"ASL 2.0"
python3-XStatic-smart-table	"MIT"
python3-XStatic-Spin	"MIT"
python3-XStatic-termjs	"MIT"
python3-XStatic-tv4	"Public Domain"
python3-yappi	"MIT"
python3-yaql	"ASL 2.0"
python3-zake	"ASL 2.0"
python3-zaqarclient	"ASL 2.0"
python3-zaqar-tests-tempest	"ASL 2.0"
python3-zeroconf	"LGPLv2"
python3-zope-event	"ZPLv2.1"
python3-zope-interface	"ZPLv2.1"
python-django20-bash-completion	"BSD"
python-openstackclient-lang	"ASL 2.0"
python-oslo-cache-lang	"ASL 2.0"
python-oslo-concurrency-lang	"ASL 2.0"
python-oslo-db-lang	"ASL 2.0"
python-oslo-i18n-lang	"ASL 2.0"
python-oslo-log-lang	"ASL 2.0"
python-oslo-middleware-lang	"ASL 2.0"

Package Name	License
python-oslo-policy-lang	"ASL 2.0"
python-oslo-privsep-lang	"ASL 2.0"
python-oslo-utils-lang	"ASL 2.0"
python-oslo-versionedobjects-lang	"ASL 2.0"
python-oslo-vmware-lang	"ASL 2.0"
python-pycadf-common	"ASL 2.0"
qpiddispatch-router	"ASL 2.0"
qpiddispatch-tools	"ASL 2.0"
qpiddispatch-proton-c	"ASL 2.0"
rabbitmq-server	"MPLv1.1"
rhapsody-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"

Package Name	License
rhosp-director-images-all	"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"
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"
rhosp-director-images-ipa-ppc64le	"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"

Package Name	License
rhosp-director-images-ipa-x86_64	"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"
rhosp-director-images-minimal	"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"
rhosp-director-images-ppc64le	"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"

Package Name	License
rhosp-director-images-x86_64	"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"
rhosp-openvswitch	"Public domain"
rhosp-ovn	"Public domain"
rhosp-ovn-host	"Public domain"
rhosp-ovn-vtep	"Public domain"
rhosp-release	"GPLv2"
roboto-fontface-common	"ASL 2.0"
roboto-fontface-fonts	"ASL 2.0"
ruby-augeas	"LGPLv2+"
ruby-facter	"ASL 2.0"
rubygem-pathspec	"ASL 2.0"
rubygem-rgen	"MIT"
ruby-shadow	"Public Domain"
subunit-filters	"ASL 2.0 or BSD"
sysbench	"GPLv2+"
tripleo-ansible	"ASL 2.0"

Package Name	License
validations-common	"ASL 2.0"
web-assets-filesystem	"Public Domain"
web-assets-httpd	"MIT"
xstatic-angular-bootstrap-common	"MIT"
XStatic-Angular-common	"MIT"
xstatic-angular-fileupload-common	"MIT"
xstatic-angular-gettext-common	"MIT"
xstatic-angular-lrdragndrop-common	"MIT"
xstatic-angular-schema-form-common	"MIT"
xstatic-angular-uuid-common	"MIT"
xstatic-angular-vis-common	"MIT"
xstatic-bootstrap-datepicker-common	"ASL 2.0"
xstatic-bootstrap-scss-common	"MIT"
xstatic-d3-common	"BSD"
xstatic-filesaver-common	"MIT"
xstatic-hogan-common	"ASL 2.0"
xstatic-jasmine-common	"MIT"
xstatic-jquery-migrate-common	"MIT"
xstatic-jquery-quicksearch-common	"MIT"
xstatic-jquery-tablesorter-common	"MIT"
xstatic-jquery-ui-common	"CC0"
xstatic-jsencrypt-common	"MIT"
xstatic-json2yaml-common	"MIT"

Package Name	License
xstatic-js-yaml-common	"MIT"
XStatic-Magic-Search-common	"ASL 2.0"
xstatic-objectpath-common	"MIT"
xstatic-rickshaw-common	"MIT"
xstatic-smart-table-common	"MIT"
xstatic-spin-common	"MIT"
xstatic-termjs-common	"MIT"
xstatic-tv4-common	"Public Domain"
yaml-cpp	"MIT"

5.2. RED HAT OPENSTACK PLATFORM 16.1 DIRECTOR DEPLOYMENT TOOLS FOR RHEL 8 FOR POWER, LITTLE ENDIAN (RPMS)

The following table outlines the packages included in the **openstack-16.1-deployment-tools-for-rhel-8-ppc64le-rpms** repository.

Table 5.2. Red Hat OpenStack Platform 16.1 Director Deployment Tools for RHEL 8 for Power, little endian (RPMs) Packages

Name	Version	Advisory
rhosp-director-images-minimal	16.1-20201202.1.el8ost	RHEA-2020:5414

5.3. RED HAT OPENSTACK PLATFORM 16.1 DIRECTOR DEPLOYMENT TOOLS FOR RHEL 8 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-16.1-deployment-tools-for-rhel-8-x86_64-rpms** repository.

Table 5.3. Red Hat OpenStack Platform 16.1 Director Deployment Tools for RHEL 8 x86_64 (RPMs) Packages

Name	Version	Advisory
rhosp-director-images-minimal	16.1-20201202.1.el8ost	RHEA-2020:5414

5.4. RED HAT OPENSTACK PLATFORM 16.1 FOR RHEL 8 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-16.1-for-rhel-8-x86_64-rpms** repository.

Table 5.4. Red Hat OpenStack Platform 16.1 for RHEL 8 x86_64 (RPMs) Packages

Name	Version	Advisory
octavia-amphora-image-x86_64	16.1-20201202.1.el8ost	RHEA-2020:5414
rhosp-director-images	16.1-20201202.1.el8ost	RHEA-2020:5414
rhosp-director-images-all	16.1-20201202.1.el8ost	RHEA-2020:5414
rhosp-director-images-ipa	16.1-20201202.1.el8ost	RHEA-2020:5414
rhosp-director-images-ipa-ppc64le	16.1-20201202.1.el8ost	RHEA-2020:5414
rhosp-director-images-ipa-x86_64	16.1-20201202.1.el8ost	RHEA-2020:5414
rhosp-director-images-minimal	16.1-20201202.1.el8ost	RHEA-2020:5414
rhosp-director-images-ppc64le	16.1-20201202.1.el8ost	RHEA-2020:5414
rhosp-director-images-x86_64	16.1-20201202.1.el8ost	RHEA-2020:5414

5.5. RED HAT OPENSTACK PLATFORM 16.1 FOR RHEL 8 FOR POWER, LITTLE ENDIAN (RPMS)

The following table outlines the packages included in the **openstack-16.1-for-rhel-8-ppc64le-rpms** repository.

Table 5.5. Red Hat OpenStack Platform 16.1 for RHEL 8 for Power, little endian (RPMs) Packages

Name	Version	Advisory
octavia-amphora-image-x86_64	16.1-20201202.1.el8ost	RHEA-2020:5414
rhosp-director-images	16.1-20201202.1.el8ost	RHEA-2020:5414
rhosp-director-images-all	16.1-20201202.1.el8ost	RHEA-2020:5414
rhosp-director-images-ipa	16.1-20201202.1.el8ost	RHEA-2020:5414

Name	Version	Advisory
rhosp-director-images-ipa-ppc64le	16.1-20201202.1.el8ost	RHEA-2020:5414
rhosp-director-images-ipa-x86_64	16.1-20201202.1.el8ost	RHEA-2020:5414
rhosp-director-images-minimal	16.1-20201202.1.el8ost	RHEA-2020:5414
rhosp-director-images-ppc64le	16.1-20201202.1.el8ost	RHEA-2020:5414
rhosp-director-images-x86_64	16.1-20201202.1.el8ost	RHEA-2020:5414

CHAPTER 6. RED HAT OPENSTACK PLATFORM 16.1.4

This section outlines the packages shipped in each repository released with the general availability of Red Hat OpenStack Platform 16.1.4.

6.1. PACKAGE LIST

For information about package designation, see

https://access.redhat.com/support/offerings/production/scope_moredetail.

Table 6.1. Package List

Package Name	License
ansible-collections-openstack	"GPLv3+"
ansible-config_template	"ASL 2.0"
ansible-pacemaker	"ASL 2.0"
ansible-role-atos-hsm	"ASL 2.0"
ansible-role-chrony	"ASL 2.0"
ansible-role-container-registry	"ASL 2.0"
ansible-role-lunasa-hsm	"ASL 2.0"
ansible-role-network-runner017	"ASL 2.0"
ansible-role-openstack-ml2	"ASL 2.0"
ansible-role-openstack-operations	"ASL 2.0"
ansible-role-redhat-subscription	"ASL 2.0"
ansible-role-thales-hsm	"ASL 2.0"
ansible-role-tripleo-modify-image	"ASL 2.0"
ansible-tripleo-ipa	"ASL 2.0"
ansible-tripleo-ipsec	"GPLv3+"
ansible-tripleo-powerflex	"ASL 2.0"
blosc	"MIT"

Package Name	License
bootswatch-common	"MIT"
bootswatch-fonts	"MIT"
collectd	"MIT and GPLv2"
collectd-amqp1	"MIT and GPLv2"
collectd-connectivity	"MIT and GPLv2"
collectd-dbi	"MIT and GPLv2"
collectd-dpdk_telemetry	"MIT and GPLv2"
collectd-hugepages	"MIT and GPLv2"
collectd-libpod-stats	"MIT"
collectd-mcelog	"MIT and GPLv2"
collectd-ovs-events	"MIT and GPLv2"
collectd-ovs-stats	"MIT and GPLv2"
collectd-pcie-errors	"MIT and GPLv2"
collectd-ping	"MIT and GPLv2"
collectd-pmu	"MIT and GPLv2"
collectd-procevent	"MIT and GPLv2"
collectd-python	"MIT and GPLv2"
collectd-rdt	"MIT and GPLv2"
collectd-sensubility	"ASL 2.0"
collectd-snmp-agent	"MIT and GPLv2"
collectd-sysevent	"MIT and GPLv2"
collectd-turbostat	"MIT and GPLv2"
cpp-hocon	"ASL 2.0"

Package Name	License
crudini	"GPLv2"
dibbler-client	"GPLv2"
dibbler-relay	"GPLv2"
dibbler-requestor	"GPLv2"
dibbler-server	"GPLv2"
dib-utils	"ASL 2.0"
diskimage-builder	"ASL 2.0"
dumb-init	"MIT"
elixir	"ASL 2.0"
erlang-asn1	"ASL 2.0"
erlang-compiler	"ASL 2.0"
erlang-crypto	"ASL 2.0"
erlang-eldap	"ASL 2.0"
erlang-erts	"ASL 2.0"
erlang-hipe	"ASL 2.0"
erlang-inets	"ASL 2.0"
erlang-kernel	"ASL 2.0"
erlang-mnesia	"ASL 2.0"
erlang-os_mon	"ASL 2.0"
erlang-otp_mibs	"ASL 2.0"
erlang-parsetools	"ASL 2.0"
erlang-public_key	"ASL 2.0"
erlang-runtime_tools	"ASL 2.0"

Package Name	License
erlang-sasl	"ASL 2.0"
erlang-sd_notify	"MIT"
erlang-snmp	"ASL 2.0"
erlang-ssl	"ASL 2.0"
erlang-stdlib	"ASL 2.0"
erlang-syntax_tools	"ASL 2.0"
erlang-tools	"ASL 2.0"
erlang-xmerl	"ASL 2.0"
etcd	"ASL 2.0"
factor	"ASL 2.0"
fontawesome-fonts	"OFL"
fontawesome-fonts-web	"OFL and MIT"
gnocchi-api	"ASL 2.0"
gnocchi-common	"ASL 2.0"
gnocchi-metricd	"ASL 2.0"
gnocchi-statsd	"ASL 2.0"
golang-github-BurntSushi-toml-devel	"BSD"
golang-github-davecgh-go-spew-devel	"ISC"
golang-github-golang-sys-devel	"BSD"
golang-github-infracast-apputils	"ASL 2.0"
golang-github-pmezard-go-difflib-devel	"BSD"
golang-github-Sirupsen-logrus-devel	"MIT"
golang-github-stretchr-objx-devel	"MIT"

Package Name	License
golang-github-stretchr-testify-devel	"MIT"
golang-github-urfave-cli-devel	"MIT"
golang-github-vbatts-tar-split	"BSD"
golang-golangorg-crypto-devel	"BSD"
golang-gopkg-check-devel	"BSD"
golang-gopkg-yaml-devel	"LGPLv3 with exceptions"
golang-gopkg-yaml-devel-v2	"LGPLv3 with exceptions"
golang-qpid-apache	"BSD and ASL 2.0"
hdf5	"BSD"
heat-cfnutils	"ASL 2.0"
hiera	"ASL 2.0"
intel-cmt-cat	"BSD"
jevents	"GPLv2 and BSD"
kuryr-binding-scripts	"ASL 2.0"
leatherman	"ASL 2.0 and MIT"
libdbi	"LGPLv2+"
liberasurecode	"BSD and CRC32"
liboping	"GPLv2"
libqhull	"Qhull"
libsodium	"ISC"
libwebsockets	"LGPLv2 and Public Domain and BSD and MIT and zlib"
mdi-common	"OFL"

Package Name	License
mdi-fonts	"OFL"
ndisc6	"GPLv2 or GPLv3"
novnc	"GPLv3"
octavia-amphora-image-x86_64	"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 SSSL and Vim and zlib"
openstack-aodh-api	"ASL 2.0"
openstack-aodh-common	"ASL 2.0"
openstack-aodh-compatible	"ASL 2.0"
openstack-aodh-evaluator	"ASL 2.0"
openstack-aodh-expirer	"ASL 2.0"
openstack-aodh-listener	"ASL 2.0"
openstack-aodh-notifier	"ASL 2.0"
openstack-barbican	"ASL 2.0"
openstack-barbican-api	"ASL 2.0"
openstack-barbican-common	"ASL 2.0"
openstack-barbican-keystone-listener	"ASL 2.0"
openstack-barbican-worker	"ASL 2.0"

Package Name	License
openstack-ceilometer-central	"ASL 2.0"
openstack-ceilometer-common	"ASL 2.0"
openstack-ceilometer-compute	"ASL 2.0"
openstack-ceilometer-ipmi	"ASL 2.0"
openstack-ceilometer-notification	"ASL 2.0"
openstack-ceilometer-polling	"ASL 2.0"
openstack-cinder	"ASL 2.0"
openstack-dashboard	"ASL 2.0 and BSD"
openstack-dashboard-theme	"ASL 2.0"
openstack-designate-agent	"ASL 2.0"
openstack-designate-api	"ASL 2.0"
openstack-designate-central	"ASL 2.0"
openstack-designate-common	"ASL 2.0"
openstack-designate-mdns	"ASL 2.0"
openstack-designate-producer	"ASL 2.0"
openstack-designate-sink	"ASL 2.0"
openstack-designate-worker	"ASL 2.0"
openstack-ec2-api	"ASL 2.0"
openstack-glance	"ASL 2.0"
openstack-heat-agents	"ASL 2.0"
openstack-heat-api	"ASL 2.0"
openstack-heat-api-cfn	"ASL 2.0"
openstack-heat-common	"ASL 2.0"

Package Name	License
openstack-heat-engine	"ASL 2.0"
openstack-heat-monolith	"ASL 2.0"
openstack-heat-ui	"ASL 2.0"
openstack-ironic-api	"ASL 2.0"
openstack-ironic-common	"ASL 2.0"
openstack-ironic-conductor	"ASL 2.0"
openstack-ironic-inspector	"ASL 2.0"
openstack-ironic-inspector-dnsmasq	"ASL 2.0"
openstack-ironic-python-agent	"ASL 2.0"
openstack-ironic-python-agent-builder	"ASL 2.0"
openstack-ironic-staging-drivers	"ASL 2.0"
openstack-ironic-ui	"ASL 2.0"
openstack-keystone	"ASL 2.0"
openstack-manila	"ASL 2.0"
openstack-manila-share	"ASL 2.0"
openstack-manila-ui	"ASL 2.0"
openstack-mistral-all	"ASL 2.0"
openstack-mistral-api	"ASL 2.0"
openstack-mistral-common	"ASL 2.0"
openstack-mistral-engine	"ASL 2.0"
openstack-mistral-event-engine	"ASL 2.0"
openstack-mistral-executor	"ASL 2.0"
openstack-mistral-notifier	"ASL 2.0"

Package Name	License
openstack-neutron	"ASL 2.0"
openstack-neutron-bgp-dragent	"ASL 2.0"
openstack-neutron-bigswitch-agent	"ASL 2.0"
openstack-neutron-common	"ASL 2.0"
openstack-neutron-dynamic-routing-common	"ASL 2.0"
openstack-neutron-l2gw-agent	"ASL 2.0"
openstack-neutron-linuxbridge	"ASL 2.0"
openstack-neutron-macvtap-agent	"ASL 2.0"
openstack-neutron-metering-agent	"ASL 2.0"
openstack-neutron-ml2	"ASL 2.0"
openstack-neutron-openvswitch	"ASL 2.0"
openstack-neutron-rpc-server	"ASL 2.0"
openstack-neutron-sriov-nic-agent	"ASL 2.0"
openstack-nova	"ASL 2.0"
openstack-nova-api	"ASL 2.0"
openstack-nova-common	"ASL 2.0"
openstack-nova-compute	"ASL 2.0"
openstack-nova-conductor	"ASL 2.0"
openstack-nova-console	"ASL 2.0"
openstack-nova-migration	"ASL 2.0"
openstack-nova-novncproxy	"ASL 2.0"
openstack-nova-scheduler	"ASL 2.0"
openstack-nova-serialproxy	"ASL 2.0"

Package Name	License
openstack-nova-spicehtml5proxy	"ASL 2.0"
openstack-octavia-amphora-agent	"ASL 2.0"
openstack-octavia-api	"ASL 2.0"
openstack-octavia-common	"ASL 2.0"
openstack-octavia-diskimage-create	"ASL 2.0"
openstack-octavia-health-manager	"ASL 2.0"
openstack-octavia-housekeeping	"ASL 2.0"
openstack-octavia-ui	"ASL 2.0"
openstack-octavia-worker	"ASL 2.0"
openstack-panko-api	"ASL 2.0"
openstack-panko-common	"ASL 2.0"
openstack-placement-api	"ASL 2.0"
openstack-placement-common	"ASL 2.0"
openstack-selinux	"GPLv2"
openstack-swift-account	"ASL 2.0"
openstack-swift-container	"ASL 2.0"
openstack-swift-object	"ASL 2.0"
openstack-swift-proxy	"ASL 2.0"
openstack-tempest	"ASL 2.0"
openstack-tempest-all	"ASL 2.0"
openstack-tripleo-common	"ASL 2.0"
openstack-tripleo-common-container-base	"ASL 2.0"
openstack-tripleo-common-containers	"ASL 2.0"

Package Name	License
openstack-tripleo-common-devtools	"ASL 2.0"
openstack-tripleo-heat-templates	"ASL 2.0"
openstack-tripleo-image-elements	"ASL 2.0"
openstack-tripleo-puppet-elements	"ASL 2.0"
openstack-tripleo-validations	"ASL 2.0"
openstack-zaqar	"ASL 2.0"
os-apply-config	"ASL 2.0"
os-collect-config	"ASL 2.0"
os-net-config	"ASL 2.0"
os-refresh-config	"ASL 2.0"
paunch-services	"ASL 2.0"
plotnetcfg	"GPLv2+"
pmu-data	"GPLv2 and BSD"
pmu-tools	"GPLv2 and BSD"
puppet	"ASL 2.0"
puppet-aodh	"ASL 2.0"
puppet-apache	"ASL 2.0"
puppet-archive	"ASL 2.0"
puppet-auditd	"BSD"
puppet-barbican	"ASL 2.0"
puppet-cassandra	"ASL 2.0"
puppet-ceilometer	"ASL 2.0"
puppet-ceph	"ASL 2.0"

Package Name	License
puppet-certmonger	"ASL 2.0"
puppet-cinder	"ASL 2.0"
puppet-collectd	"ASL 2.0"
puppet-concat	"ASL 2.0"
puppet-contrail	"ASL 2.0"
puppet-corosync	"ASL 2.0"
puppet-datacat	"ASL 2.0"
puppet-designate	"ASL 2.0"
puppet-dns	"ASL 2.0"
puppet-ec2api	"ASL 2.0"
puppet-elasticsearch	"ASL 2.0"
puppet-etcd	"ASL 2.0"
puppet-fdio	"ASL 2.0"
puppet-firewall	"ASL 2.0"
puppet-git	"ASL 2.0"
puppet-glance	"ASL 2.0"
puppet-gnocchi	"ASL 2.0"
puppet-haproxy	"ASL 2.0"
puppet-headless	"ASL 2.0"
puppet-heat	"ASL 2.0"
puppet-horizon	"ASL 2.0"
puppet-inifile	"ASL 2.0"
puppet-ipaclient	"MIT"

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

Package Name	License
puppet-pacemaker	"ASL 2.0"
puppet-panko	"ASL 2.0"
puppet-placement	"ASL 2.0"
puppet-qdr	"ASL 2.0"
puppet-rabbitmq	"ASL 2.0"
puppet-redis	"ASL 2.0"
puppet-remote	"ASL 2.0"
puppet-rsync	"ASL 2.0"
puppet-rsyslog	"ASL 2.0"
puppet-sahara	"ASL 2.0"
puppet-server	"ASL 2.0"
puppet-snmp	"ASL 2.0"
puppet-ssh	"ASL 2.0"
puppet-staging	"ASL 2.0"
puppet-stdlib	"ASL 2.0"
puppet-swift	"ASL 2.0"
puppet-sysctl	"GPLv2"
puppet-systemd	"ASL 2.0"
puppet-timezone	"ASL 2.0"
puppet-tomcat	"ASL 2.0"
puppet-tripleo	"ASL 2.0"
puppet-trove	"ASL 2.0"
puppet-vcsrepo	"GPLv2"

Package Name	License
puppet-veritas_hyperscale	"ASL 2.0"
puppet-vswitch	"ASL 2.0"
puppet-xinetd	"ASL 2.0"
puppet-zaqar	"ASL 2.0"
puppet-zookeeper	"ASL 2.0"
python3-adal	"MIT"
python3-alembic	"MIT"
python3-amqp	"BSD"
python3-aniso8601	"GPLv3+"
python3-ansible-runner	"ASL 2.0"
python3-anyjson	"BSD"
python3-aodh	"ASL 2.0"
python3-aodhclient	"ASL 2.0"
python3-appdirs	"MIT"
python3-autobahn	"MIT"
python3-automaton	"ASL 2.0"
python3-barbican	"ASL 2.0"
python3-barbicanclient	"ASL 2.0"
python3-barbican-tests-tempest	"ASL 2.0"
python3-bcrypt	"ASL 2.0 and Public Domain and BSD"
python3-beautifulsoup4	"MIT"
python3-boto	"MIT"
python3-boto3	"ASL 2.0"

Package Name	License
python3-botoCore	"ASL 2.0"
python3-Bottleneck	"BSD"
python3-cachetools	"MIT"
python3-castellan	"ASL 2.0"
python3-ceilometer	"ASL 2.0"
python3-ceilometermiddleware	"ASL 2.0"
python3-certifi	"MPLv2.0"
python3-cinder	"ASL 2.0"
python3-cinderclient	"ASL 2.0"
python3-cinderlib	"ASL 2.0"
python3-cinderlib-tests-functional	"ASL 2.0"
python3-cinder-tests-tempest	"ASL 2.0"
python3-cliff	"ASL 2.0"
python3-cmd2	"MIT"
python3-collectd-gnocchi	"ASL 2.0"
python3-collectd-rabbitmq-monitoring	"ASL 2.0"
python3-colorama	"BSD"
python3-construct	"MIT"
python3-contextlib2	"Python"
python3-cotyledon	"ASL 2.0"
python3-cradox	"LGPLv2"
python3-croniter	"MIT"
python3-crypto	"Public Domain and Python"

Package Name	License
python3-cursive	"ASL 2.0"
python3-cycler	"BSD"
python3-Cython	"Python"
python3-daemon	"ASL2.0"
python3-daiquiri	"ASL 2.0"
python3-dateutil	"BSD"
python3-ddt	"MIT"
python3-debtcollector	"ASL 2.0"
python3-defusedxml	"Python"
python3-designate	"ASL 2.0"
python3-designateclient	"ASL 2.0"
python3-designate-tests-tempest	"ASL 2.0"
python3-dictdiffer	"MIT"
python3-django20	"BSD"
python3-django-appconf	"BSD"
python3-django-compressor	"MIT"
python3-django-debreach	"BSD"
python3-django-horizon	"ASL 2.0 and BSD"
python3-django-pyscss	"BSD"
python3-dogpile-cache	"BSD"
python3-dracclient	"ASL 2.0"
python3-ec2-api	"ASL 2.0"
python3-editor	"ASL 2.0"

Package Name	License
python3-etcd3gw	"ASL 2.0"
python3-eventlet	"MIT"
python3-extras	"MIT"
python3-falcon	"ASL 2.0"
python3-fasteners	"ASL 2.0"
python3-fixtures	"ASL 2.0 or BSD"
python3-flake8	"MIT"
python3-flask	"BSD"
python3-flask-restful	"BSD"
python3-funcsigs	"ASL 2.0"
python3-future	"MIT"
python3-futurist	"ASL 2.0"
python3-gabbi	"ASL 2.0"
python3-gitdb	"BSD"
python3-GitPython	"BSD"
python3-glance	"ASL 2.0"
python3-glanceclient	"ASL 2.0"
python3-glance-store	"ASL 2.0"
python3-gnocchi	"ASL 2.0"
python3-gnocchiclient	"ASL 2.0"
python3-google-auth	"ASL 2.0"
python3-greenlet	"MIT"
python3-gunicorn	"MIT"

Package Name	License
python3-hardware	"ASL 2.0"
python3-hardware-detect	"ASL 2.0"
python3-heat-agent	"ASL 2.0"
python3-heat-agent-ansible	"ASL 2.0"
python3-heat-agent-apply-config	"ASL 2.0"
python3-heat-agent-docker-cmd	"ASL 2.0"
python3-heat-agent-hiera	"ASL 2.0"
python3-heat-agent-json-file	"ASL 2.0"
python3-heat-agent-puppet	"ASL 2.0"
python3-heatclient	"ASL 2.0"
python3-heat-tests-tempest	"ASL 2.0"
python3-horizon-tests-tempest	"ASL 2.0"
python3-lmcSdk	"ASL 2.0"
python3-ironicclient	"ASL 2.0"
python3-ironic-inspector-client	"ASL 2.0"
python3-ironic-lib	"ASL 2.0"
python3-ironic-neutron-agent	"ASL 2.0"
python3-ironic-prometheus-exporter	"ASL 2.0"
python3-ironic-python-agent	"ASL 2.0"
python3-ironic-tests-tempest	"ASL 2.0"
python3-iso8601	"MIT"
python3-json-logger	"BSD"
python3-jsonpath-rw	"ASL 2.0"

Package Name	License
python3-jsonpath-rw-ext	"ASL 2.0"
python3-junitxml	"LGPLv3"
python3-kazoo	"ASL 2.0"
python3-kerberos	"ASL 2.0"
python3-keyring	"MIT and Python"
python3-keystone	"ASL 2.0"
python3-keystoneauth1	"ASL 2.0"
python3-keystoneclient	"ASL 2.0"
python3-keystonemiddleware	"ASL 2.0"
python3-keystone-tests-tempest	"ASL 2.0"
python3-kiwisolver	"BSD"
python3-kombu	"BSD and Python"
python3-kubernetes	"ASL 2.0"
python3-kuryr-tests-tempest	"ASL 2.0"
python3-ldap3	"LGPLv2+"
python3-ldapool	"MPLv1.1 and GPLv2+ and LGPLv2+"
python3-lesscpy	"MIT"
python3-linecache2	"Python"
python3-lockfile	"MIT"
python3-logutils	"BSD"
python3-lz4	"BSD"
python3-magnumclient	"ASL 2.0"
python3-manila	"ASL 2.0"

Package Name	License
python3-manilaclient	"ASL 2.0"
python3-manila-tests-tempest	"ASL 2.0"
python3-markupsafe	"BSD"
python3-matplotlib	"Python and MIT"
python3-matplotlib-data	"Python and MIT"
python3-matplotlib-data-fonts	"OFL and Bitstream Vera and Public Domain"
python3-mccabe	"MIT"
python3-memcached	"Python"
python3-metalsmith	"ASL 2.0"
python3-microversion-parse	"ASL 2.0"
python3-migrate	"MIT"
python3-mimeparse	"MIT"
python3-mistral	"ASL 2.0"
python3-mistralclient	"ASL 2.0"
python3-mistral-lib	"ASL 2.0"
python3-mistral-tests-tempest	"ASL 2.0"
python3-mock	"BSD"
python3-monotonic	"ASL 2.0"
python3-more-itertools	"MIT"
python3-mox3	"ASL 2.0"
python3-msgpack	"ASL 2.0"
python3-munch	"MIT"
python3-netifaces	"MIT"

Package Name	License
python3-networking-ansible	"ASL 2.0"
python3-networking-baremetal	"ASL 2.0"
python3-networking-bgpvpn	"ASL 2.0"
python3-networking-bgpvpn-dashboard	"ASL 2.0"
python3-networking-bgpvpn-heat	"ASL 2.0"
python3-networking-bigswitch	"ASL 2.0"
python3-networking-fujitsu	"ASL 2.0"
python3-networking-l2gw	"ASL 2.0"
python3-networking-l2gw-tests-tempest	"ASL 2.0"
python3-networking-ovn	"ASL 2.0"
python3-networking-ovn-metadata-agent	"ASL 2.0"
python3-networking-ovn-migration-tool	"ASL 2.0"
python3-networking-sfc	"ASL 2.0"
python3-networking-vmware-nsx	"ASL 2.0"
python3-network-runner017	"ASL 2.0"
python3-neutron	"ASL 2.0"
python3-neutronclient	"ASL 2.0"
python3-neutron-dynamic-routing	"ASL 2.0"
python3-neutron-lib	"ASL 2.0"
python3-neutron-lib-tests	"ASL 2.0"
python3-neutron-tests-tempest	"ASL 2.0"
python3-nova	"ASL 2.0"
python3-novaclient	"ASL 2.0"

Package Name	License
python3-novajoin	"ASL 2.0"
python3-novajoin-tests-tempest	"ASL 2.0"
python3-numexpr	"MIT"
python3-numpy	"BSD"
python3-numpy-f2py	"BSD and Python"
python3-octavia	"ASL 2.0"
python3-octaviaclient	"ASL 2.0"
python3-octavia-lib	"ASL 2.0"
python3-octavia-tests-tempest	"ASL 2.0"
python3-octavia-tests-tempest-golang	"ASL 2.0"
python3-openshift	"MIT"
python3-openstackclient	"ASL 2.0"
python3-openstacksdk	"ASL 2.0"
python3-os-brick	"ASL 2.0"
python3-osc-lib	"ASL 2.0"
python3-os-client-config	"ASL 2.0"
python3-osc-placement	"ASL 2.0"
python3-os-ken	"ASL 2.0"
python3-oslo-cache	"ASL 2.0"
python3-oslo-concurrency	"ASL 2.0"
python3-oslo-config	"ASL 2.0"
python3-oslo-context	"ASL 2.0"
python3-oslo-db	"ASL 2.0"

Package Name	License
python3-oslo-i18n	"ASL 2.0"
python3-oslo-log	"ASL 2.0"
python3-oslo-messaging	"ASL 2.0"
python3-oslo-middleware	"ASL 2.0"
python3-oslo-policy	"ASL 2.0"
python3-oslo-privsep	"ASL 2.0"
python3-oslo-reports	"ASL 2.0"
python3-oslo-rootwrap	"ASL 2.0"
python3-oslo-serialization	"ASL 2.0"
python3-oslo-service	"ASL 2.0"
python3-oslotest	"ASL 2.0"
python3-oslo-upgradecheck	"ASL 2.0"
python3-oslo-utils	"ASL 2.0"
python3-oslo-versionedobjects	"ASL 2.0"
python3-oslo-vmware	"ASL 2.0"
python3-osprofiler	"ASL 2.0"
python3-os-resource-classes	"ASL 2.0"
python3-os-service-types	"ASL 2.0"
python3-os-testr	"ASL 2.0"
python3-os-traits	"ASL 2.0"
python3-os-vif	"ASL 2.0"
python3-os-win	"ASL 2.0"
python3-os-xenapi	"ASL 2.0"

Package Name	License
python3-ovirt-engine-sdk4	"ASL 2.0"
python3-ovsdbapp	"ASL 2.0"
python3-pandas	"BSD"
python3-panko	"ASL 2.0"
python3-pankoclient	"ASL 2.0"
python3-paramiko	"LGPLv2+"
python3-passlib	"BSD and Beerware and Copyright only"
python3-paste	"MIT and ZPLv2.0 and Python and (AFL or MIT) and (MIT or ASL 2.0)"
python3-paste-deploy	"MIT"
python3-patrole-tests-tempest	"ASL 2.0"
python3-paunch	"ASL 2.0"
python3-pbr	"ASL 2.0"
python3-pecan	"BSD"
python3-pexpect	"MIT"
python3-pint	"BSD"
python3-placement	"ASL 2.0"
python3-pluggy	"MIT"
python3-posix_ipc	"BSD"
python3-proliantutils	"ASL 2.0"
python3-prometheus_client	"ASL 2.0"
python3-protobuf	"BSD"
python3-psutil	"BSD"

Package Name	License
python3-pycadf	"ASL 2.0"
python3-pycodestyle	"MIT"
python3-pyeclib	"BSD"
python3-pyflakes	"MIT"
python3-pyghmi	"ASL 2.0"
python3-pynacl	"ASL 2.0"
python3-pyngus	"ASL 2.0"
python3-pyparsing	"MIT"
python3-pyrabbit2	"MIT"
python3-pyroute2	"GPLv2+"
python3-pysaml2	"ASL 2.0"
python3-pysendfile	"MIT"
python3-pysnmp	"BSD"
python3-pystache	"MIT"
python3-pytest	"MIT"
python3-pytimeparse	"MIT"
python3-pyxattr	"LGPLv2+"
python3-qp-id-proton	"ASL 2.0"
python3-rcssmin	"ASL 2.0"
python3-redis	"MIT"
python3-repoze-lru	"BSD"
python3-requestsexceptions	"ASL 2.0"
python3-requests-kerberos	"MIT"

Package Name	License
python3-retrying	"ASL 2.0"
python3-rfc3986	"ASL 2.0"
python3-rhosp-openvswitch	"Public domain"
python3-rjsmin	"ASL 2.0"
python3-routes	"BSD"
python3-rsa	"ASL 2.0"
python3-rsdclient	"ASL 2.0"
python3-rsd-lib	"ASL 2.0"
python3-ruamel-yaml	"MIT"
python3-s3transfer	"ASL 2.0"
python3-saharaclient	"ASL 2.0"
python3-scciclient	"ASL 2.0"
python3-scrypt	"BSD"
python3-scss	"MIT"
python3-SecretStorage	"BSD"
python3-setproctitle	"BSD"
python3-shade	"ASL 2.0"
python3-simplegeneric	"Python or ZPLv2.1"
python3-simplejson	"(MIT or AFL) and (MIT or GPLv2)"
python3-six	"MIT"
python3-smmap	"BSD"
python3-snappy	"BSD"
python3-sqlalchemy-collectd	"MIT"

Package Name	License
python3-sqlalchemy-utils	"BSD"
python3-sqlparse	"BSD"
python3-statsd	"MIT"
python3-stestr	"ASL 2.0"
python3-stevedore	"ASL 2.0"
python3-string_utils	"MIT"
python3-subunit	"ASL 2.0 or BSD"
python3-sushy	"ASL 2.0"
python3-sushy-oem-idrac	"ASL 2.0"
python3-swift	"ASL 2.0"
python3-swiftclient	"ASL 2.0"
python3-sysv_ipc	"GPLv3+"
python3-tables	"BSD"
python3-tap-as-a-service	"ASL 2.0"
python3-taskflow	"ASL 2.0"
python3-telemetry-tests-tempest	"ASL 2.0"
python3-tempest	"ASL 2.0"
python3-tempestconf	"ASL 2.0"
python3-tempest-tests	"ASL 2.0"
python3-tempita	"MIT"
python3-tenacity	"ASL 2.0"
python3-testrepository	"ASL 2.0"
python3-testscenarios	"ASL 2.0 and BSD"

Package Name	License
python3-testtools	"MIT"
python3-tinyrpc	"MIT"
python3-tooz	"ASL 2.0"
python3-traceback2	"Python"
python3-tripleoclient	"ASL 2.0"
python3-tripleoclient-heat-installer	"ASL 2.0"
python3-tripleo-common	"ASL 2.0"
python3-tripleo-common-tests-tempest	"ASL 2.0"
python3-trollius	"ASL 2.0"
python3-troveclient	"ASL 2.0"
python3-twisted	"MIT"
python3-txaio	"MIT"
python3-ujson	"BSD"
python3-unittest2	"BSD"
python3-urllib-gssapi	"ASL 2.0"
python3-validations-libs	"ASL 2.0"
python3-versiontools	"LGPLv3"
python3-vine	"BSD"
python3-vmware-nsxlib	"ASL 2.0"
python3-voluptuous	"BSD"
python3-waitress	"ZPLv2.1"
python3-warlock	"ASL 2.0"
python3-webob	"MIT"

Package Name	License
python3-websocket-client	"BSD"
python3-websockify	"LGPLv3"
python3-webtest	"MIT"
python3-werkzeug	"BSD"
python3-wrapt	"BSD"
python3-wsaccel	"ASL 2.0"
python3-wsgi_intercept	"MIT"
python3-wsme	"MIT"
python3-XStatic	"MIT"
python3-XStatic-Angular	"MIT"
python3-XStatic-Angular-Bootstrap	"MIT"
python3-XStatic-Angular-FileUpload	"MIT"
python3-XStatic-Angular-Gettext	"MIT"
python3-XStatic-Angular-Irdragndrop	"MIT"
python3-XStatic-Angular-Schema-Form	"MIT"
python3-XStatic-Angular-UUID	"MIT"
python3-XStatic-Angular-Vis	"MIT"
python3-XStatic-Bootstrap-Datepicker	"ASL 2.0"
python3-XStatic-Bootstrap-SCSS	"MIT"
python3-XStatic-bootstrap	"MIT"
python3-XStatic-D3	"BSD"
python3-XStatic-FileSaver	"MIT"
python3-XStatic-Font-Awesome	"OFL and MIT"

Package Name	License
python3-XStatic-Hogan	"ASL 2.0"
python3-XStatic-Jasmine	"MIT"
python3-XStatic-jQuery224	"MIT"
python3-XStatic-JQuery-Migrate	"MIT"
python3-XStatic-JQuery-quicksearch	"MIT"
python3-XStatic-JQuery-TableSorter	"MIT"
python3-XStatic-jquery-ui	"CC0"
python3-XStatic-JSEncrypt	"MIT"
python3-XStatic-Json2yaml	"MIT"
python3-XStatic-JS-Yaml	"MIT"
python3-XStatic-Magic-Search	"ASL 2.0"
python3-XStatic-mdi	"OFL"
python3-XStatic-objectpath	"MIT"
python3-XStatic-Rickshaw	"MIT"
python3-XStatic-roboto-fontface	"ASL 2.0"
python3-XStatic-smart-table	"MIT"
python3-XStatic-Spin	"MIT"
python3-XStatic-termjs	"MIT"
python3-XStatic-tv4	"Public Domain"
python3-yappi	"MIT"
python3-yaql	"ASL 2.0"
python3-zake	"ASL 2.0"
python3-zaqarclient	"ASL 2.0"

Package Name	License
python3-zaqar-tests-tempest	"ASL 2.0"
python3-zeroconf	"LGPLv2"
python3-zope-event	"ZPLv2.1"
python3-zope-interface	"ZPLv2.1"
python-django20-bash-completion	"BSD"
python-openstackclient-lang	"ASL 2.0"
python-oslo-cache-lang	"ASL 2.0"
python-oslo-concurrency-lang	"ASL 2.0"
python-oslo-db-lang	"ASL 2.0"
python-oslo-i18n-lang	"ASL 2.0"
python-oslo-log-lang	"ASL 2.0"
python-oslo-middleware-lang	"ASL 2.0"
python-oslo-policy-lang	"ASL 2.0"
python-oslo-privsep-lang	"ASL 2.0"
python-oslo-utils-lang	"ASL 2.0"
python-oslo-versionedobjects-lang	"ASL 2.0"
python-oslo-vmware-lang	"ASL 2.0"
python-pycadf-common	"ASL 2.0"
qpid-dispatch-router	"ASL 2.0"
qpid-dispatch-tools	"ASL 2.0"
qpid-proton-c	"ASL 2.0"
rabbitmq-server	"MPLv1.1"

Package Name	License
rhosp-director-images	"AFL and BSD and (BSD or GPLv2+) and BSD with advertising and Boost and GFDL and GPL and GPL+ and (GPL+ or Artistic) and GPLv1+ and GPLv2 and (GPLv2 or BSD) and (GPLv2 or GPLv3) and GPLv2 with exceptions and GPLv2+ and (GPLv2+ or AFL) and GPLv2+ with exceptions and GPLv3 and GPLv3+ and GPLv3+ with exceptions and IJG and ISC and LGPLv2 and LGPLv2+ and (LGPLv2+ or BSD) and (LGPLv2+ or MIT) and LGPLv2+ with exceptions and LGPLv2/GPLv2 and LGPLv3 and LGPLv3+ and MIT and (MIT or LGPLv2+ or BSD) and (MPLv1.1 or GPLv2+ or LGPLv2+) and Open Publication and OpenLDAP and OpenSSL and Public Domain and Python and (Python or ZPLv2.0) and Rdisc and Redistributable.No modification permitted and SSISSL and Vim and zlib"
rhosp-director-images-all	"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"
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"

Package Name	License
rhosp-director-images-ipa-ppc64le	"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"
rhosp-director-images-ipa-x86_64	"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"
rhosp-director-images-minimal	"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"

Package Name	License
rhosp-director-images-ppc64le	"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"
rhosp-director-images-x86_64	"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"
rhosp-openvswitch	"Public domain"
rhosp-ovn	"Public domain"
rhosp-ovn-host	"Public domain"
rhosp-ovn-vtep	"Public domain"
rhosp-release	"GPLv2"
roboto-fontface-common	"ASL 2.0"
roboto-fontface-fonts	"ASL 2.0"
ruby-augeas	"LGPLv2+"

Package Name	License
ruby-facter	"ASL 2.0"
rubygem-pathspect	"ASL 2.0"
rubygem-rgen	"MIT"
ruby-shadow	"Public Domain"
subunit-filters	"ASL 2.0 or BSD"
sysbench	"GPLv2+"
tripleo-ansible	"ASL 2.0"
validations-common	"ASL 2.0"
web-assets-filesystem	"Public Domain"
web-assets-httpd	"MIT"
xstatic-angular-bootstrap-common	"MIT"
XStatic-Angular-common	"MIT"
xstatic-angular-fileupload-common	"MIT"
xstatic-angular-gettext-common	"MIT"
xstatic-angular-lrdragndrop-common	"MIT"
xstatic-angular-schema-form-common	"MIT"
xstatic-angular-uuid-common	"MIT"
xstatic-angular-vis-common	"MIT"
xstatic-bootstrap-datepicker-common	"ASL 2.0"
xstatic-bootstrap-scss-common	"MIT"
xstatic-d3-common	"BSD"
xstatic-filesaver-common	"MIT"
xstatic-hogan-common	"ASL 2.0"

Package Name	License
xstatic-jasmine-common	"MIT"
xstatic-jquery-migrate-common	"MIT"
xstatic-jquery-quicksearch-common	"MIT"
xstatic-jquery-tablesorter-common	"MIT"
xstatic-jquery-ui-common	"CC0"
xstatic-jsencrypt-common	"MIT"
xstatic-json2yaml-common	"MIT"
xstatic-js-yaml-common	"MIT"
XStatic-Magic-Search-common	"ASL 2.0"
xstatic-objectpath-common	"MIT"
xstatic-rickshaw-common	"MIT"
xstatic-smart-table-common	"MIT"
xstatic-spin-common	"MIT"
xstatic-termjs-common	"MIT"
xstatic-tv4-common	"Public Domain"
yaml-cpp	"MIT"

6.2. RED HAT OPENSTACK PLATFORM 16.1 DIRECTOR DEPLOYMENT TOOLS FOR RHEL 8 FOR POWER, LITTLE ENDIAN (RPMs)

The following table outlines the packages included in the **openstack-16.1-deployment-tools-for-rhel-8-ppc64le-rpms** repository.

Table 6.2. Red Hat OpenStack Platform 16.1 Director Deployment Tools for RHEL 8 for Power, little endian (RPMs) Packages

Name	Version	Advisory
rhop-director-images-minimal	16.1-20210310.1.el8ost	RHBA-2021:0918

6.3. RED HAT OPENSTACK PLATFORM 16.1 DIRECTOR DEPLOYMENT TOOLS FOR RHEL 8 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-16.1-deployment-tools-for-rhel-8-x86_64-rpms** repository.

Table 6.3. Red Hat OpenStack Platform 16.1 Director Deployment Tools for RHEL 8 x86_64 (RPMs) Packages

Name	Version	Advisory
rhosp-director-images-minimal	16.1-20210310.1.el8ost	RHBA-2021:0918

6.4. RED HAT OPENSTACK PLATFORM 16.1 FOR RHEL 8 FOR POWER, LITTLE ENDIAN (RPMS)

The following table outlines the packages included in the **openstack-16.1-for-rhel-8-ppc64le-rpms** repository.

Table 6.4. Red Hat OpenStack Platform 16.1 for RHEL 8 for Power, little endian (RPMs) Packages

Name	Version	Advisory
etcd	3.3.23-1.el8ost	RHSA-2021:0916
octavia-amphora-image-x86_64	16.1-20210310.1.el8ost	RHBA-2021:0918
python-django20-bash-completion	2.0.13-12.el8ost	RHSA-2021:0915
python3-django20	2.0.13-12.el8ost	RHSA-2021:0915
rhosp-director-images	16.1-20210310.1.el8ost	RHBA-2021:0918
rhosp-director-images-all	16.1-20210310.1.el8ost	RHBA-2021:0918
rhosp-director-images-ipa	16.1-20210310.1.el8ost	RHBA-2021:0918
rhosp-director-images-ipa-ppc64le	16.1-20210310.1.el8ost	RHBA-2021:0918
rhosp-director-images-ipa-x86_64	16.1-20210310.1.el8ost	RHBA-2021:0918
rhosp-director-images-minimal	16.1-20210310.1.el8ost	RHBA-2021:0918
rhosp-director-images-ppc64le	16.1-20210310.1.el8ost	RHBA-2021:0918

Name	Version	Advisory
rhosp-director-images-x86_64	16.1-20210310.1.el8ost	RHBA-2021:0918

6.5. RED HAT OPENSTACK PLATFORM 16.1 FOR RHEL 8 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-16.1-for-rhel-8-x86_64-rpms** repository.

Table 6.5. Red Hat OpenStack Platform 16.1 for RHEL 8 x86_64 (RPMs) Packages

Name	Version	Advisory
etcd	3.3.23-1.el8ost	RHSA-2021:0916
octavia-amphora-image-x86_64	16.1-20210310.1.el8ost	RHBA-2021:0918
python-django20-bash-completion	2.0.13-12.el8ost	RHSA-2021:0915
python3-django20	2.0.13-12.el8ost	RHSA-2021:0915
rhosp-director-images	16.1-20210310.1.el8ost	RHBA-2021:0918
rhosp-director-images-all	16.1-20210310.1.el8ost	RHBA-2021:0918
rhosp-director-images-ipa	16.1-20210310.1.el8ost	RHBA-2021:0918
rhosp-director-images-ipa-ppc64le	16.1-20210310.1.el8ost	RHBA-2021:0918
rhosp-director-images-ipa-x86_64	16.1-20210310.1.el8ost	RHBA-2021:0918
rhosp-director-images-minimal	16.1-20210310.1.el8ost	RHBA-2021:0918
rhosp-director-images-ppc64le	16.1-20210310.1.el8ost	RHBA-2021:0918
rhosp-director-images-x86_64	16.1-20210310.1.el8ost	RHBA-2021:0918