



Red Hat OpenStack Platform 17.1

Package manifest

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

Table 1.1. Red Hat OpenStack Platform 17.1 core component release schedule

Release	Date
17.1.0 (General Availability)	17 August, 2023

CHAPTER 2. 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-collection-ansible-netcommon	"GPLv3+ and BSD and Python"
ansible-collection-ansible-posix	"GPLv3+ and Python"
ansible-collection-ansible-utils	"GPLv3+"
ansible-collection-community-general	"GPLv3+ and BSD and Python"
ansible-collection-containers-podman	"GPLv3+"
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-collectd-config	"ASL 2.0"
ansible-role-collect-logs	"ASL 2.0"
ansible-role-container-registry	"ASL 2.0"
ansible-role-lunasa-hsm	"ASL 2.0"
ansible-role-metalsmith-deployment	"ASL 2.0"
ansible-role-network-runner	"ASL 2.0"
ansible-role-openstack-operations	"ASL 2.0"
ansible-role-qdr-config	"ASL 2.0"
ansible-role-redhat-subscription	"ASL 2.0"
ansible-role-thales-hsm	"ASL 2.0"

Package name	License
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"
bootswatch-fonts	"MIT"
collectd	"MIT and GPLv2"
collectd-amqp1	"MIT and GPLv2"
collectd-amqp	"MIT and GPLv2"
collectd-apache	"MIT and GPLv2"
collectd-bind	"MIT and GPLv2"
collectd-ceph	"MIT and GPLv2"
collectd-chrony	"MIT and GPLv2"
collectd-connectivity	"MIT and GPLv2"
collectd-curl	"MIT and GPLv2"
collectd-curl_json	"MIT and GPLv2"
collectd-curl_xml	"MIT and GPLv2"
collectd-disk	"MIT and GPLv2"
collectd-dns	"MIT and GPLv2"
collectd-hugepages	"MIT and GPLv2"
collectd-ipmi	"MIT and GPLv2"
collectd-libpod-stats	"MIT"
collectd-log_logstash	"MIT and GPLv2"

Package name	License
collectd-mcelog	"MIT and GPLv2"
collectd-mysql	"MIT and GPLv2"
collectd-netlink	"MIT and GPLv2"
collectd-openldap	"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-sensors	"MIT and GPLv2"
collectd-sensubility	"ASL 2.0"
collectd-smart	"MIT and GPLv2"
collectd-snmp	"MIT and GPLv2"
collectd-snmp-agent	"MIT and GPLv2"
collectd-sysevent	"MIT and GPLv2"
collectd-turbostat	"MIT and GPLv2"
collectd-utils	"MIT and GPLv2"
collectd-virt	"MIT and GPLv2"
collectd-write_http	"MIT and GPLv2"
collectd-write_kafka	"MIT and GPLv2"

Package name	License
collectd-write_prometheus	"MIT and GPLv2"
cpp-hocon	"ASL 2.0"
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-inets	"ASL 2.0"
erlang-kernel	"ASL 2.0"
erlang-mnesia	"ASL 2.0"
erlang-os_mon	"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-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-davecgh-go-spew-devel	"ISC"
golang-github-go-ini-ini-devel	"ASL 2.0"
golang-github-infracore-apputils	"ASL 2.0"
golang-github-pmezard-difflib-devel	"BSD"
golang-github-Sirupsen-logrus-devel	"MIT"
golang-github-streadway-amqp-devel	"BSD"
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-qpdl-apache	"BSD and ASL 2.0"
golang-uber-atomic	"MIT"
golang-uber-multierr	"MIT"
golang-x-sys-devel	"BSD"
heat-cfntools	"ASL 2.0"
hiera	"ASL 2.0"
jevents	"GPLv2 and BSD"
leatherman	"ASL 2.0 and MIT"
libcollectedclient	"MIT and GPLv2"
liberasurecode	"BSD and CRC32"
liboping	"GPLv2"
libsodium	"ISC"
libunwind	"BSD"
libwebsockets	"LGPLv2 and Public Domain and BSD and MIT and zlib"
luajit	"MIT"
mdi-common	"OFL"
mdi-fonts	"OFL"
ndisc6	"GPLv2 or GPLv3"
novnc	"GPLv3"

Package name	License
octavia-amphora-image-fips-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"
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"
openpgm	"LGPLv2"
openstack-ansible-Core	"GPLv3+"
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"

Package name	License
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"
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-ui	"ASL 2.0"

Package name	License
openstack-designate-worker	"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"
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-network-scripts	"GPLv2"

Package name	License
openstack-network-scripts-openvswitch3.1	"ASL 2.0"
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-ovn-metadata-agent	"ASL 2.0"
openstack-neutron-ovn-migration-tool	"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-migration	"ASL 2.0"
openstack-nova-novncproxy	"ASL 2.0"

Package name	License
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"
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-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"
os-apply-config	"ASL 2.0"
os-collect-config	"ASL 2.0"
os-net-config	"ASL 2.0"
os-refresh-config	"ASL 2.0"
ovn-bgp-agent	"ASL 2.0"
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-ceilometer	"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-corosync	"ASL 2.0"
puppet-designate	"ASL 2.0"
puppet-dns	"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-keepalived	"ASL 2.0"
puppet-keystone	"ASL 2.0"
puppet-kmod	"ASL 2.0"
puppet-manila	"ASL 2.0"
puppet-memcached	"ASL 2.0"
puppet-module-data	"ASL 2.0"
puppet-mysql	"ASL 2.0"

Package name	License
puppet-neutron	"ASL 2.0"
puppet-nova	"ASL 2.0"
puppet-nssdb	"ASL 2.0"
puppet-octavia	"ASL 2.0"
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-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-snmp	"ASL 2.0"
puppet-ssh	"ASL 2.0"
puppet-stdlib	"ASL 2.0"
puppet-swift	"ASL 2.0"
puppet-sysctl	"GPL-2.0"
puppet-systemd	"ASL 2.0"
puppet-tripleo	"ASL 2.0"

Package name	License
puppet-vcsrepo	"GPLv2"
puppet-vswitch	"ASL 2.0"
puppet-xinetd	"ASL 2.0"
python3-adal	"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-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-bson	"ASL 2.0 and MIT"
python3-cachetools	"MIT"
python3-castellan	"ASL 2.0"
python3-ceilometer	"ASL 2.0"

Package name	License
python3-ceilometerclient	"ASL 2.0"
python3-ceilometermiddleware	"ASL 2.0"
python3-certifi	"MPLv2.0"
python3-cinder	"ASL 2.0"
python3-cinderclient	"ASL 2.0"
python3-cinder-common	"ASL 2.0"
python3-cinder-tests-tempest	"ASL 2.0"
python3-click	"BSD"
python3-cliff	"ASL 2.0"
python3-cmd2	"MIT"
python3-collectd-rabbitmq-monitoring	"ASL 2.0"
python3-colorama	"BSD"
python3-construct	"MIT"
python3-contextlib2	"Python"
python3-cotyledon	"ASL 2.0"
python3-croniter	"MIT"
python3-cursive	"ASL 2.0"
python3-daemon	"ASL 2.0"
python3-daiquiri	"ASL 2.0"
python3-ddt	"MIT"
python3-debtcollector	"ASL 2.0"
python3-defusedxml	"Python"
python3-designate	"ASL 2.0"

Package name	License
python3-designateclient	"ASL 2.0"
python3-designate-tests-tempest	"ASL 2.0"
python3-dictdiffer	"MIT"
python3-django	"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-docutils	"Public Domain and BSD and Python and GPLv3+"
python3-dogpile-cache	"MIT"
python3-dracclient	"ASL 2.0"
python3-edgegrid	"ASL 2.0"
python3-etcd3gw	"ASL 2.0"
python3-eventlet	"MIT and ISC"
python3-extras	"MIT"
python3-fasteners	"ASL 2.0"
python3-fixtures	"ASL 2.0 or BSD"
python3-flake8	"MIT"
python3-flask	"BSD"
python3-flask-restful	"BSD"
python3-future	"MIT"
python3-futurist	"ASL 2.0"

Package name	License
python3-gabbi	"ASL 2.0"
python3-gevent	"MIT"
python3-gitdb	"BSD"
python3-GitPython	"BSD"
python3-glance	"ASL 2.0"
python3-glanceclient	"ASL 2.0"
python3-glance-store	"ASL 2.0"
python3-glance-tests-tempest	"ASL 2.0"
python3-gnocchi	"ASL 2.0"
python3-gnocchiclient	"ASL 2.0"
python3-google-auth	"ASL 2.0"
python3-gunicorn	"MIT"
python3-h11	"MIT"
python3-h2	"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"
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"

Package name	License
python3-heatclient	"ASL 2.0"
python3-heat-tests-tempest	"ASL 2.0"
python3-hpack	"MIT"
python3-httpCore	"BSD"
python3-httpLib2	"MIT"
python3-httpx	"BSD"
python3-hyperframe	"MIT"
python3-ifaddr	"MIT"
python3-lmcSdk	"ASL 2.0"
python3-importlib-metadata	"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-python-agent	"ASL 2.0"
python3-ironic-tests-tempest	"ASL 2.0"
python3-iso8601	"MIT"
python3-itsdangerous	"BSD"
python3-jeepney	"MIT"
python3-jmespath	"MIT"
python3-json-logger	"BSD"
python3-jsonpath-rw	"ASL 2.0"
python3-jsonpath-rw-ext	"ASL 2.0"

Package name	License
python3-junitxml	"LGPLv3"
python3-jwt	"MIT"
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-kombu	"BSD and Python"
python3-kubernetes	"ASL 2.0"
python3-ldap3	"LGPLv2+"
python3-ldappool	"MPLv1.1 and GPLv2+ and LGPLv2+"
python3-lesscpy	"MIT"
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-mccabe	"MIT"

Package name	License
python3-memcached	"Python"
python3-metalsmith	"ASL 2.0"
python3-microversion-parse	"ASL 2.0"
python3-migrate	"MIT"
python3-mimeparse	"MIT"
python3-mistralclient	"ASL 2.0"
python3-mock	"BSD"
python3-monascaclient	"ASL 2.0"
python3-monotonic	"ASL 2.0"
python3-more-itertools	"MIT"
python3-msgpack	"ASL 2.0"
python3-munch	"MIT"
python3-natsort	"MIT"
python3-ndg_httpsclient	"BSD"
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-l2gw	"ASL 2.0"
python3-networking-l2gw-tests-tempest	"ASL 2.0"
python3-network-runner	"ASL 2.0"

Package name	License
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-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"

Package name	License
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"
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"

Package name	License
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-ovn-octavia-provider	"ASL 2.0"
python3-ovsdbapp	"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-pbr	"ASL 2.0"
python3-pecan	"BSD"
python3-pint	"BSD"
python3-placement	"ASL 2.0"
python3-posix_ipc	"BSD"
python3-proliantutils	"ASL 2.0"
python3-pycadf	"ASL 2.0"
python3-pycodestyle	"MIT"
python3-pydot	"MIT"

Package name	License
python3-pyeclib	"BSD"
python3-pyflakes	"MIT"
python3-pymemcache	"ASL 2.0"
python3-pymongo	"ASL 2.0 and MIT"
python3-pynacl	"ASL 2.0"
python3-pyngus	"ASL 2.0"
python3-pyOpenSSL	"ASL 2.0"
python3-pyperclip	"BSD"
python3-pyrabbit2	"MIT"
python3-pyroute2	"GPLv2+"
python3-pysaml2	"ASL 2.0"
python3-pysendfile	"MIT"
python3-pysnmp	"BSD"
python3-pystache	"MIT"
python3-pytimeparse	"MIT"
python3-pyattr	"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"

Package name	License
python3-rfc3986	"ASL 2.0"
python3-rfc3986+idna2008	"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-ruamel-yaml-clib	"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-semantic_version	"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-smi	"BSD"
python3-smmap	"BSD"

Package name	License
python3-sniffio	"MIT or ASL 2.0"
python3-soupsieve	"MIT"
python3-sqlalchemy13	"MIT"
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-suds	"LGPLv3+"
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-tabulate	"MIT"
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"

Package name	License
python3-tempita	"MIT"
python3-tenacity	"ASL 2.0"
python3-testscenarios	"ASL 2.0 and BSD"
python3-testtools	"MIT"
python3-tinyrpc	"MIT"
python3-toozeug	"ASL 2.0"
python3-tripleoclient	"ASL 2.0"
python3-tripleo-common	"ASL 2.0"
python3-trollius	"ASL 2.0"
python3-troveclient	"ASL 2.0"
python3-ujson	"BSD"
python3-validations-lib	"ASL 2.0"
python3-versiontools	"LGPLv3"
python3-vine	"BSD"
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"

Package name	License
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-bootswatch	"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-jQuery	"MIT"
python3-XStatic-JQuery-Migrate	"MIT"
python3-XStatic-JQuery-quicksearch	"MIT"
python3-XStatic-JQuery-TableSorter	"MIT"

Package name	License
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-zeroconf	"LGPLv2"
python3-zipp	"MIT"
python3-zmq	"LGPLv3+"
python3-zope-event	"ZPLv2.1"
python3-zope-interface	"ZPLv2.1"
python3-zstd	"BSD"

Package name	License
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"
qpid-proton-c-devel	"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-base	"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-fips-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-ipa-fips-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-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"

Package name	License
rhosp-director-images-metadata	"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"
rhosp-director-images-minimal-fips	"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-multirhel-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-uefi-fips-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-uefi-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"

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-network-scripts-openvswitch	"Public Domain"
rhosp-openvswitch	"Public Domain"
rhosp-ovn	"Public Domain"
rhosp-ovn-central	"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-concurrent-ruby	"MIT"
rubygem-deep_merge	"MIT"
rubygem-diff-lcs	"(GPLv2+ or Artistic or MIT) and (GPLv2+ or Artistic or Ruby or BSD) and (Artistic or Ruby or BSD)"

Package name	License
rubygem-fast_gettext	"MIT and (BSD or Ruby) and (LGPLv2+ or BSD or Ruby)"
rubygem-hocon	"ASL 2.0"
rubygem-multi_json	"MIT"
rubygem-puppet-resource_api	"ASL 2.0"
rubygem-ruby-shadow	"Public Domain"
rubygem-semantic_puppet	"ASL 2.0"
rubygem-set	"BSD-2-Clause"
subunit-filters	"ASL 2.0 or BSD"
sysbench	"GPLv2+"
tripleo-ansible	"ASL 2.0"
tripleo-operator-ansible	"ASL 2.0"
validations-common	"ASL 2.0"
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"

Package name	License
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"
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"
zeromq	"LGPLv3+"
ansible-collection-ansible-netcommon	"GPLv3+ and BSD and Python"
ansible-collection-ansible-posix	"GPLv3+ and Python"
ansible-collection-ansible-utils	"GPLv3+"

Package name	License
ansible-collection-community-general	"GPLv3+ and BSD and Python"
ansible-collection-containers-podman	"GPLv3+"
ansible-collections-openstack	"GPLv3+"
ansible-config_template	"ASL 2.0"
ansible-freeipa	"GPLv3+"
ansible-pacemaker	"ASL 2.0"
ansible-role-atos-hsm	"ASL 2.0"
ansible-role-chrony	"ASL 2.0"
ansible-role-collectd-config	"ASL 2.0"
ansible-role-container-registry	"ASL 2.0"
ansible-role-lunasa-hsm	"ASL 2.0"
ansible-role-metalsmith-deployment	"ASL 2.0"
ansible-role-openstack-operations	"ASL 2.0"
ansible-role-qdr-config	"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+"
collectd	"MIT and GPLv2"
collectd-amqp1	"MIT and GPLv2"
collectd-apache	"MIT and GPLv2"
collectd-bind	"MIT and GPLv2"

Package name	License
collectd-ceph	"MIT and GPLv2"
collectd-chrony	"MIT and GPLv2"
collectd-connectivity	"MIT and GPLv2"
collectd-curl	"MIT and GPLv2"
collectd-curl_json	"MIT and GPLv2"
collectd-curl_xml	"MIT and GPLv2"
collectd-disk	"MIT and GPLv2"
collectd-dns	"MIT and GPLv2"
collectd-generic-jmx	"MIT and GPLv2"
collectd-hugepages	"MIT and GPLv2"
collectd-ipmi	"MIT and GPLv2"
collectd-iptables	"MIT and GPLv2"
collectd-libpod-stats	"MIT"
collectd-log_logstash	"MIT and GPLv2"
collectd-mcelog	"MIT and GPLv2"
collectd-mysql	"MIT and GPLv2"
collectd-netlink	"MIT and GPLv2"
collectd-openldap	"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"

Package name	License
collectd-procevent	"MIT and GPLv2"
collectd-python	"MIT and GPLv2"
collectd-rdt	"MIT and GPLv2"
collectd-sensors	"MIT and GPLv2"
collectd-sensubility	"ASL 2.0"
collectd-smart	"MIT and GPLv2"
collectd-snmp	"MIT and GPLv2"
collectd-snmp-agent	"MIT and GPLv2"
collectd-sysevent	"MIT and GPLv2"
collectd-turbostat	"MIT and GPLv2"
collectd-utils	"MIT and GPLv2"
collectd-virt	"MIT and GPLv2"
collectd-write_http	"MIT and GPLv2"
collectd-write_kafka	"MIT and GPLv2"
collectd-write_prometheus	"MIT and GPLv2"
cpp-hocon	"ASL 2.0"
crudini	"GPLv2"
dib-utils	"ASL 2.0"
diskimage-builder	"ASL 2.0"
double-conversion	"BSD"
dumb-init	"MIT"
facter	"ASL 2.0"
golang-github-davecgh-go-spew-devel	"ISC"

Package name	License
golang-github-go-ini-ini-devel	"ASL 2.0"
golang-github-infracore-infraclient	"ASL 2.0"
golang-github-pmezard-difflib-devel	"BSD"
golang-github-Sirupsen-logrus-devel	"MIT"
golang-github-streadway-amqp-devel	"BSD"
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-qpid-apache	"BSD and ASL 2.0"
golang-uber-atomic	"MIT"
golang-uber-multierr	"MIT"
golang-x-sys-devel	"BSD"
heat-cfntools	"ASL 2.0"
hier	"ASL 2.0"
leapp-repository-openstack	"ASL 2.0"
leatherman	"ASL 2.0 and MIT"
libcollectdclient	"MIT and GPLv2"
liboping	"GPLv2"
libqhull	"Qhull"
libsodium	"ISC"
libzstd	"BSD and GPLv2"
openstack-heat-agents	"ASL 2.0"

Package name	License
openstack-heat-api	"ASL 2.0"
openstack-heat-common	"ASL 2.0"
openstack-heat-engine	"ASL 2.0"
openstack-heat-monolith	"ASL 2.0"
openstack-ironic-python-agent-builder	"ASL 2.0"
openstack-nova-common	"ASL 2.0"
openstack-nova-compute	"ASL 2.0"
openstack-nova-migration	"ASL 2.0"
openstack-selinux	"GPLv2"
openstack-tempest	"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-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"
os-apply-config	"ASL 2.0"
os-collect-config	"ASL 2.0"
os-net-config	"ASL 2.0"
os-refresh-config	"ASL 2.0"
plotnetcfg	"GPLv2+"
pmu-data	"GPLv2 and BSD"

Package name	License
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-ceilometer	"ASL 2.0"
puppet-certmonger	"ASL 2.0"
puppet-cinder	"ASL 2.0"
puppet-collectd	"ASL 2.0"
puppet-concat	"ASL 2.0"
puppet-corosync	"ASL 2.0"
puppet-designate	"ASL 2.0"
puppet-dns	"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"

Package name	License
puppet-horizon	"ASL 2.0"
puppet-inifile	"ASL 2.0"
puppet-ipaclient	"MIT"
puppet-ironic	"ASL 2.0"
puppet-keepalived	"ASL 2.0"
puppet-keystone	"ASL 2.0"
puppet-kmod	"ASL 2.0"
puppet-manila	"ASL 2.0"
puppet-memcached	"ASL 2.0"
puppet-module-data	"ASL 2.0"
puppet-mysql	"ASL 2.0"
puppet-neutron	"ASL 2.0"
puppet-nova	"ASL 2.0"
puppet-nssdb	"ASL 2.0"
puppet-octavia	"ASL 2.0"
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-placement	"ASL 2.0"
puppet-qdr	"ASL 2.0"
puppet-rabbitmq	"ASL 2.0"

Package name	License
puppet-redis	"ASL 2.0"
puppet-remote	"ASL 2.0"
puppet-rsync	"ASL 2.0"
puppet-rsyslog	"ASL 2.0"
puppet-snmp	"ASL 2.0"
puppet-ssh	"ASL 2.0"
puppet-stdlib	"ASL 2.0"
puppet-swift	"ASL 2.0"
puppet-sysctl	"GPL-2.0"
puppet-systemd	"ASL 2.0"
puppet-tripleo	"ASL 2.0"
puppet-vcsrepo	"GPLv2"
puppet-vswitch	"ASL 2.0"
puppet-xinetd	"ASL 2.0"
python3-alembic	"MIT"
python3-amqp	"BSD"
python3-ansible-runner	"ASL 2.0"
python3-anyjson	"BSD"
python3-aodhclient	"ASL 2.0"
python3-appdirs	"MIT"
python3-automaton	"ASL 2.0"
python3-barbicanclient	"ASL 2.0"
python3-bcrypt	"ASL 2.0 and Public Domain and BSD"

Package name	License
python3-beautifulsoup4	"MIT"
python3-boto	"MIT"
python3-cachetools	"MIT"
python3-castellan	"ASL 2.0"
python3-cffi	"MIT"
python3-cinderclient	"ASL 2.0"
python3-cliff	"ASL 2.0"
python3-cmd2	"MIT"
python3-collectd-rabbitmq-monitoring	"ASL 2.0"
python3-colorama	"BSD"
python3-contextlib2	"Python"
python3-croniter	"MIT"
python3-cursive	"ASL 2.0"
python3-cycler	"BSD"
python3-daemon	"ASL 2.0"
python3-dataclasses	"ASL 2.0"
python3-dateutil	"BSD"
python3-ddt	"MIT"
python3-debtcollector	"ASL 2.0"
python3-decorator	"BSD"
python3-defusedxml	"Python"
python3-designateclient	"ASL 2.0"
python3-dogpile-cache	"MIT"

Package name	License
python3-editor	"ASL 2.0"
python3-entrypoints	"MIT"
python3-etcd3gw	"ASL 2.0"
python3-eventlet	"MIT and ISC"
python3-extras	"MIT"
python3-fasteners	"ASL 2.0"
python3-fixtures	"ASL 2.0 or BSD"
python3-flake8	"MIT"
python3-future	"MIT"
python3-futurist	"ASL 2.0"
python3-gitdb	"BSD"
python3-GitPython	"BSD"
python3-glanceclient	"ASL 2.0"
python3-gnocchiclient	"ASL 2.0"
python3-greenlet	"MIT"
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"

Package name	License
python3-importlib-metadata	"ASL 2.0"
python3-ironicclient	"ASL 2.0"
python3-ironic-inspector-client	"ASL 2.0"
python3-iso8601	"MIT"
python3-jeepney	"MIT"
python3-jsonschema	"MIT"
python3-junitxml	"LGPLv3"
python3-kazoo	"ASL 2.0"
python3-keyring	"MIT and Python"
python3-keystoneauth1	"ASL 2.0"
python3-keystoneclient	"ASL 2.0"
python3-keystonemiddleware	"ASL 2.0"
python3-kiwisolver	"BSD"
python3-kombu	"BSD and Python"
python3-linecache2	"Python"
python3-lockfile	"MIT"
python3-logutils	"BSD"
python3-magnumclient	"ASL 2.0"
python3-manilaclient	"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"

Package name	License
python3-matplotlib-tk	"Python and MIT"
python3-mccabe	"MIT"
python3-memcached	"Python"
python3-metalsmith	"ASL 2.0"
python3-microversion-parse	"ASL 2.0"
python3-migrate	"MIT"
python3-mistralclient	"ASL 2.0"
python3-monotonic	"ASL 2.0"
python3-msgpack	"ASL 2.0"
python3-munch	"MIT"
python3-natsort	"MIT"
python3-netifaces	"MIT"
python3-networkx	"BSD"
python3-neutronclient	"ASL 2.0"
python3-neutron-lib	"ASL 2.0"
python3-neutron-tests-tempest	"ASL 2.0"
python3-nova	"ASL 2.0"
python3-novaclient	"ASL 2.0"
python3-numpy	"BSD"
python3-numpy-f2py	"BSD and Python and ASL 2.0"
python3-octaviaclient	"ASL 2.0"
python3-openstackclient	"ASL 2.0"
python3-openstacksdk	"ASL 2.0"

Package name	License
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"
python3-oslo-upgradecheck	"ASL 2.0"
python3-oslo-utils	"ASL 2.0"
python3-oslo-versionedobjects	"ASL 2.0"

Package name	License
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-ovsdbapp	"ASL 2.0"
python3-packaging	"BSD or 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-pbr	"ASL 2.0"
python3-pecan	"BSD"
python3-pexpect	"ISC"
python3-psutil	"BSD"
python3-pyasn1	"BSD"
python3-pyasn1-modules	"BSD"
python3-pycadf	"ASL 2.0"
python3-pycodestyle	"MIT"

Package name	License
python3-pydot	"MIT"
python3-pyflakes	"MIT"
python3-pygraphviz	"BSD"
python3-pymemcache	"ASL 2.0"
python3-pynacl	"ASL 2.0"
python3-pyparsing	"MIT"
python3-pyperclip	"BSD"
python3-pyrabbit2	"MIT"
python3-pyroute2	"GPLv2+"
python3-pyrsistent	"MIT"
python3-pystache	"MIT"
python3-pyyaml	"MIT"
python3-redis	"MIT"
python3-repoze-lru	"BSD"
python3-requests	"ASL 2.0"
python3-requestsexceptions	"ASL 2.0"
python3-retrying	"ASL 2.0"
python3-rfc3986	"ASL 2.0"
python3-rhosp-openvswitch	"Public Domain"
python3-routes	"BSD"
python3-rsa	"ASL 2.0"
python3-saharaclient	"ASL 2.0"
python3-secretstorage	"BSD"

Package name	License
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-soupsieve	"MIT"
python3-sqlalchemy-collectd	"MIT"
python3-sqlparse	"BSD"
python3-statsd	"MIT"
python3-stestr	"ASL 2.0"
python3-stevedore	"ASL 2.0"
python3-subunit	"ASL 2.0 or BSD"
python3-swiftclient	"ASL 2.0"
python3-taskflow	"ASL 2.0"
python3-tempest	"ASL 2.0"
python3-tempestconf	"ASL 2.0"
python3-tempita	"MIT"
python3-tenacity	"ASL 2.0"
python3-testscenarios	"ASL 2.0 and BSD"
python3-testtools	"MIT"
python3-tinyrpc	"MIT"
python3-too	"ASL 2.0"

Package name	License
python3-traceback2	"Python"
python3-tripleoclient	"ASL 2.0"
python3-tripleo-common	"ASL 2.0"
python3-troveclient	"ASL 2.0"
python3-ujson	"BSD"
python3-unittest2	"BSD"
python3-urllib3	"MIT"
python3-urllib-gssapi	"ASL 2.0"
python3-validations-libs	"ASL 2.0"
python3-vine	"BSD"
python3-voluptuous	"BSD"
python3-waitress	"ZPLv2.1"
python3-warlock	"ASL 2.0"
python3-wcwidth	"MIT"
python3-webob	"MIT"
python3-webtest	"MIT"
python3-werkzeug	"BSD"
python3-wrapt	"BSD"
python3-yappi	"MIT"
python3-yaql	"ASL 2.0"
python3-zake	"ASL 2.0"
python3-zaqarclient	"ASL 2.0"
python3-zipp	"MIT"

Package name	License
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-proton-c	"ASL 2.0"
qpid-proton-c-devel	"ASL 2.0"
rhosp-network-scripts-openvswitch	"Public Domain"
rhosp-openvswitch	"Public Domain"
rhosp-release	"GPLv2"
ruby-augeas	"LGPLv2+"
ruby-facter	"ASL 2.0"
rubygem-concurrent-ruby	"MIT"
rubygem-deep_merge	"MIT"

Package name	License
rubygem-fast_gettext	"MIT and (BSD or Ruby) and (LGPLv2+ or BSD or Ruby)"
rubygem-hocon	"ASL 2.0"
rubygem-multi_json	"MIT"
rubygem-puppet-resource_api	"ASL 2.0"
rubygem-semantic_puppet	"ASL 2.0"
ruby-shadow	"Public Domain"
subunit-filters	"ASL 2.0 or BSD"
tripleo-ansible	"ASL 2.0"
validations-common	"ASL 2.0"
yaml-cpp	"MIT"
zstd	"BSD and GPLv2"

CHAPTER 3. RED HAT OPENSTACK PLATFORM 17.1

This section outlines the packages shipped in each repository released with the general availability of Red Hat OpenStack Platform 17.1.0.

3.1. RED HAT OPENSTACK PLATFORM 17 TOOLS FOR RHEL 9 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-17-tools-for-rhel-9-x86_64-rpms** repository.

Table 3.1. Red Hat OpenStack Platform 17 Tools for RHEL 9 x86_64 (RPMs) Packages

Name	Version	Advisory
ansible-collections-openstack	1.9.1- 1.20230420061007.0e9a6f2.el9ost	RHEA-2023:4577
openstack-ansible-core	2.14.2-4.1.el9ost	RHEA-2023:4577
python-openstackclient-lang	5.5.2- 1.20230404121004.42d9b6e.el9ost	RHEA-2023:4577
python-oslo-concurrency-lang	4.4.0- 1.20220727123028.7dcf9e9.el9ost	RHEA-2023:4577
python-oslo-i18n-lang	5.0.1- 1.20220727101232.73187bd.el9ost	RHEA-2023:4577
python-oslo-log-lang	4.4.0- 1.20220727124451.9b29c90.el9ost	RHEA-2023:4577
python-oslo-middleware-lang	4.2.1- 1.20220727173907.b40ca5f.el9ost	RHEA-2023:4577
python-oslo-utils-lang	4.8.2- 1.20230201111008.a38b56a.el9ost	RHEA-2023:4577
python3-amqp	5.0.6-2.el9ost	RHEA-2023:4577
python3-aodhclient	2.2.0- 1.20221118091109.b747ae3.el9ost	RHEA-2023:4577

Name	Version	Advisory
python3-barbicanclient	5.3.0-1.20230509091028.ad49c40.el9ost	RHEA-2023:4577
python3-cachetools	4.2.2-1.el9ost	RHEA-2023:4577
python3-cinderclient	7.4.1-1.20220727131518.4f72e6f.el9ost	RHEA-2023:4577
python3-cliff	3.7.0-1.20220727105718.117a100.el9ost	RHEA-2023:4577
python3-cmd2	1.4.0-2.el9ost	RHEA-2023:4577
python3-colorama	0.4.4-2.el9ost	RHEA-2023:4577
python3-debtcollector	2.2.0-1.20220727101232.649189d.el9ost	RHEA-2023:4577
python3-designateclient	4.2.1-1.20220727201540.7a8d156.el9ost	RHEA-2023:4577
python3-dogpile-cache	1.1.5-3.el9ost	RHEA-2023:4577
python3-eventlet	0.30.2-1.el9ost	RHEA-2023:4577
python3-extras	1.0.0-15.el9ost	RHEA-2023:4577
python3-fasteners	0.14.1-24.el9ost	RHEA-2023:4577
python3-fixtures	3.0.0-22.el9ost	RHEA-2023:4577
python3-futurist	2.3.0-1.20220727110826.1a1c6f8.el9ost	RHEA-2023:4577
python3-glanceclient	3.3.0-1.20221115171215.f802c71.el9ost	RHEA-2023:4577
python3-gnocchiclient	7.0.7-0.20220709012622.cad2c27.el9ost	RHEA-2023:4577
python3-heatclient	2.3.1-1.20220727182401.d16c245.el9ost	RHEA-2023:4577

Name	Version	Advisory
python3-importlib-metadata	1.7.0-1.el9ost	RHEA-2023:4577
python3-ironicclient	4.6.4-1.20221027060745.09b78fa.el9ost	RHEA-2023:4577
python3-iso8601	0.1.12-3.el9ost	RHEA-2023:4577
python3-jeepney	0.6.0-2.el9ost	RHEA-2023:4577
python3-jmespath	0.10.0-1.el9ost	RHEA-2023:4577
python3-keyring	21.8.0-2.el9ost	RHEA-2023:4577
python3-keystoneauth1	4.4.0-1.20220727120523.112bcae.el9ost	RHEA-2023:4577
python3-keystoneclient	4.3.0-1.20220727214928.d5cb761.el9ost	RHEA-2023:4577
python3-kombu	5.0.2-1.el9ost	RHEA-2023:4577
python3-manilaclient	2.6.4-1.20220727212635.7f7d7d3.el9ost	RHEA-2023:4577
python3-mimeparse	1.6.0-16.el9ost	RHEA-2023:4577
python3-monotonic	1.5-9.el9ost	RHEA-2023:4577
python3-msgpack	1.0.2-2.el9ost	RHEA-2023:4577
python3-munch	2.5.0-4.el9ost	RHEA-2023:4577
python3-neutronclient	7.3.1-1.20221110061234.29a9f5e.el9ost	RHEA-2023:4577
python3-novaclient	17.4.1-1.20220917060716.5ee4427.el9ost	RHEA-2023:4577
python3-octaviaclient	2.3.1-1.20220727132450.51347bc.el9ost	RHEA-2023:4577

Name	Version	Advisory
python3-openstackclient	5.5.2- 1.20230404121004.42d9b6e.el9ost	RHEA-2023:4577
python3-openstacksdk	0.55.1- 1.20220727183533.f09ed4a.el9ost	RHEA-2023:4577
python3-os-client-config	2.1.0- 1.20220727121556.bc96c23.el9ost	RHEA-2023:4577
python3-os-service-types	1.7.0- 1.20220727115532.0b2f473.el9ost	RHEA-2023:4577
python3-osc-lib	2.3.1- 1.20220727122302.2b7a679.el9ost	RHEA-2023:4577
python3-osc-placement	2.2.0- 1.20220727145337.f7640c9.el9ost	RHEA-2023:4577
python3-oslo-concurrency	4.4.0- 1.20220727123028.7dcf9e9.el9ost	RHEA-2023:4577
python3-oslo-config	8.5.1- 1.20220727120157.de1dbee.el9ost	RHEA-2023:4577
python3-oslo-context	3.2.1- 1.20220727123754.b124eb7.el9ost	RHEA-2023:4577
python3-oslo-i18n	5.0.1- 1.20220727101232.73187bd.el9ost	RHEA-2023:4577
python3-oslo-log	4.4.0- 1.20220727124451.9b29c90.el9ost	RHEA-2023:4577
python3-oslo-messaging	12.7.3- 1.20221212170855.5d6fd1a.el9ost	RHEA-2023:4577
python3-oslo-middleware	4.2.1- 1.20220727173907.b40ca5f.el9ost	RHEA-2023:4577

Name	Version	Advisory
python3-oslo-serialization	4.1.1- 1.20220727174213.bbe5d5a.el9ost	RHEA-2023:4577
python3-oslo-service	2.5.1- 1.20220727163421.c1e3398.el9ost	RHEA-2023:4577
python3-oslo-utils	4.8.2- 1.20230201111008.a38b56a.el9ost	RHEA-2023:4577
python3-osprofiler	3.4.0- 1.20220727135110.5d82a02.el9ost	RHEA-2023:4577
python3-paste	3.5.0-3.el9ost	RHEA-2023:4577
python3-paste-deploy	2.1.1-2.el9ost	RHEA-2023:4577
python3-pbr	5.5.1-2.el9ost	RHEA-2023:4577
python3-pyOpenSSL	20.0.1-2.el9ost	RHEA-2023:4577
python3-pyperclip	1.8.0-3.el9ost	RHEA-2023:4577
python3-repoze-lru	0.7-10.el9ost	RHEA-2023:4577
python3-requestsexceptions	1.4.0- 1.20220727101907.d7ac0ff.el9ost	RHEA-2023:4577
python3-rfc3986	1.4.0-5.el9ost	RHEA-2023:4577
python3-routes	2.4.1-12.el9ost	RHEA-2023:4577
python3-saharaclient	3.3.0- 1.20220727141925.401e663.el9ost	RHEA-2023:4577
python3-secretstorage	3.3.1-1.el9ost	RHEA-2023:4577
python3-simplejson	3.17.2-4.el9ost	RHEA-2023:4577
python3-statsd	3.2.1-16.el9ost	RHEA-2023:4577
python3-stevedore	3.3.3- 1.20221025061318.7b48fff.el9ost	RHEA-2023:4577

Name	Version	Advisory
python3-swiftclient	3.11.1-1.20220727122947.06b36ae.el9ost	RHEA-2023:4577
python3-tempita	0.5.1-25.el9ost	RHEA-2023:4577
python3-testtools	2.4.0-8.el9ost	RHEA-2023:4577
python3-ujson	4.0.2-1.el9ost	RHEA-2023:4577
python3-vine	5.0.0-3.el9ost	RHEA-2023:4577
python3-warlock	1.3.3-5.el9ost	RHEA-2023:4577
python3-webob	1.8.7-1.el9ost	RHEA-2023:4577
python3-wrapt	1.12.1-4.el9ost	RHEA-2023:4577
python3-yappi	1.3.1-2.el9ost	RHEA-2023:4577
python3-zipp	3.4.0-1.el9ost	RHEA-2023:4577

3.2. RED HAT OPENSTACK PLATFORM 17.1 DIRECTOR DEPLOYMENT TOOLS FOR RHEL 9 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-17.1-deployment-tools-for-rhel-9-x86_64-rpms** repository.

Table 3.2. Red Hat OpenStack Platform 17.1 Director Deployment Tools for RHEL 9 x86_64 (RPMs) Packages

Name	Version	Advisory
ansible-pacemaker	1.0.4-1.20221026101409.7c10fdb.el9ost	RHEA-2023:4577
cpp-hocon	0.3.0-5.el9ost	RHEA-2023:4577
crudini	0.9.3-4.el9ost	RHEA-2023:4577
dib-utils	0.0.11-1.20220727110347.51661c3.el9ost	RHEA-2023:4577
facter	3.14.19-1.el9ost	RHEA-2023:4577

Name	Version	Advisory
heat-cfnutils	1.4.2-6.1.el9ost	RHEA-2023:4577
hiera	3.6.0-4.el9ost	RHEA-2023:4577
leatherman	1.12.6-3.el9ost	RHEA-2023:4577
openstack-ansible-core	2.14.2-4.1.el9ost	RHEA-2023:4577
openstack-heat-agents	2.2.1- 1.20220727150309.ed16cc7.el9ost	RHEA-2023:4577
openstack-network-scripts	10.11.1-6.el9ost	RHEA-2023:4577
openstack-selinux	0.8.37- 1.20221215081212.34c2ecc.el9ost	RHEA-2023:4577
os-apply-config	13.1.0- 1.20220727112728.474068e.el9ost	RHEA-2023:4577
os-collect-config	13.1.0- 1.20220727142450.3a7d05a.el9ost	RHEA-2023:4577
os-net-config	14.2.1-1.20230412012160.el9ost	RHEA-2023:4577
os-refresh-config	13.1.0- 1.20220727112622.5bb536c.el9ost	RHEA-2023:4577
puppet	7.10.0-2.el9ost	RHEA-2023:4577
puppet-aodh	18.4.2- 1.20230131221616.3e47b5a.el9ost	RHEA-2023:4577
puppet-apache	6.5.2- 0.20220708185123.e4a1532.el9ost	RHEA-2023:4577
puppet-archive	4.6.1- 0.20220708125017.bc7e4ff.el9ost	RHEA-2023:4577
puppet-auditd	2.2.1- 1.20220727113245.189b22b.el9ost	RHEA-2023:4577

Name	Version	Advisory
puppet-barbican	18.4.2- 1.20221108083811.af6c77b.el9ost	RHEA-2023:4577
puppet-ceilometer	18.4.3- 1.20230505010953.5050368.el9ost	RHEA-2023:4577
puppet-certmonger	2.7.1- 0.20220708130814.3e2e660.el9ost	RHEA-2023:4577
puppet-cinder	18.5.2- 1.20230127000858.6aa60e7.el9ost	RHEA-2023:4577
puppet-collectd	13.0.1- 1.20230413150957.ad138a7.el9ost	RHEA-2023:4577
puppet-concat	6.2.1- 0.20220708124348.dfeabb9.el9ost	RHEA-2023:4577
puppet-corosync	8.0.1- 0.20220708132338.6a9da9a.el9ost	RHEA-2023:4577
puppet-designate	18.6.1- 1.20230131222245.f4c0b89.el9ost	RHEA-2023:4577
puppet-dns	8.2.1- 1.20220727161138.70f5b28.el9ost	RHEA-2023:4577
puppet-etcd	1.12.3- 0.20220708134753.e143c2d.el9ost	RHEA-2023:4577
puppet-fdio	18.2- 1.20220727113954.6fd1c8e.el9ost	RHEA-2023:4577
puppet-firewall	3.4.1- 0.20220708230759.94f707c.el9ost	RHEA-2023:4577
puppet-git	0.5.0- 0.20220708135559.4e4498e.el9ost	RHEA-2023:4577

Name	Version	Advisory
puppet-glance	18.6.1-1.20230128000808.81b081d.el9ost	RHEA-2023:4577
puppet-gnocchi	18.4.3-1.20230131220859.7584b94.el9ost	RHEA-2023:4577
puppet-haproxy	4.2.2-0.20220708140119.a797b8c.el9ost	RHEA-2023:4577
puppet-headless	7.10.0-2.el9ost	RHEA-2023:4577
puppet-heat	18.4.1-1.20230323231707.3b41bb0.el9ost	RHEA-2023:4577
puppet-horizon	18.6.1-1.20230423021001.8074e69.el9ost	RHEA-2023:4577
puppet-inifile	4.2.1-0.20220708124300.df46d2a.el9ost	RHEA-2023:4577
puppet-ipaclient	2.5.2-0.20220708140214.b086731.el9ost	RHEA-2023:4577
puppet-ironic	18.7.1-1.20230516021003.edf93f9.el9ost	RHEA-2023:4577
puppet-keepalived	0.0.2-0.20220708140744.bbca37a.el9ost	RHEA-2023:4577
puppet-keystone	18.6.1-1.20230218001345.67ff287.el9ost	RHEA-2023:4577
puppet-kmod	2.5.0-0.20220708132126.52e31e3.el9ost	RHEA-2023:4577

Name	Version	Advisory
puppet-manila	18.5.2-1.20230127001703.a72a7d5.el9ost	RHEA-2023:4577
puppet-memcached	6.0.0-0.20220708130345.4c70dbd.el9ost	RHEA-2023:4577
puppet-module-data	0.5.1-0.20220708141002.28dafce.el9ost	RHEA-2023:4577
puppet-mysql	10.6.1-0.20220708235631.937d044.el9ost	RHEA-2023:4577
puppet-neutron	18.6.1-1.20221226003124.el9ost	RHEA-2023:4577
puppet-nova	18.6.1-1.20221226002121.65b15ad.el9ost	RHEA-2023:4577
puppet-nssdb	1.0.2-0.20220708131512.2ed2a2d.el9ost	RHEA-2023:4577
puppet-octavia	18.5.1-1.20230131223407.842492c.el9ost	RHEA-2023:4577
puppet-openstack_extras	18.5.1-1.20221108091707.504e1a0.el9ost	RHEA-2023:4577
puppet-openstacklib	18.5.2-1.20221219231920.64d8ac6.el9ost	RHEA-2023:4577
puppet-oslo	18.5.1-1.20221219231819.fe2a147.el9ost	RHEA-2023:4577
puppet-ovn	18.6.1-1.20230413011101.7805f7e.el9ost	RHEA-2023:4577
puppet-pacemaker	1.5.1-1.20221226003830.7add073.el9ost	RHEA-2023:4577
puppet-placement	5.4.3-1.20230131222430.e7557a5.el9ost	RHEA-2023:4577

Name	Version	Advisory
puppet-qdr	7.4.1- 1.20220727114105.8a575de.el9ost	RHEA-2023:4577
puppet-rabbitmq	11.0.1- 1.20230428151021.63fee2c.el9ost	RHEA-2023:4577
puppet-redis	6.1.1- 0.20220708133131.547105e.el9ost	RHEA-2023:4577
puppet-remote	10.0.0- 0.20220708134022.7420908.el9ost	RHEA-2023:4577
puppet-rsync	1.1.4- 0.20220708190404.ea6397e.el9ost	RHEA-2023:4577
puppet-rsyslog	4.0.1- 1.20220727114715.2548a0d.el9ost	RHEA-2023:4577
puppet-snmp	3.9.1- 0.20220708142128.5d73485.el9ost	RHEA-2023:4577
puppet-ssh	6.2.1- 0.20220708131619.6e0f430.el9ost	RHEA-2023:4577
puppet-stdlib	6.3.1- 1.20220808112706.7c1ae25.el9ost	RHEA-2023:4577
puppet-swift	18.6.1- 1.20221219231232.f105ffc.el9ost	RHEA-2023:4577
puppet-sysctl	0.0.13- 0.20220708125726.847ec1c.el9ost	RHEA-2023:4577
puppet-systemd	2.12.1- 0.20220708133123.8f68b0d.el9ost	RHEA-2023:4577
puppet-tripleo	14.2.3-1.20230517011019.el9ost	RHEA-2023:4577
puppet-vcsrepo	3.1.1- 0.20220708130257.a36ee18.el9ost	RHEA-2023:4577

Name	Version	Advisory
puppet-vswitch	14.4.3- 1.20221109011054.51e82ca.el9ost	RHEA-2023:4577
puppet-xinetd	3.3.1- 0.20220708130858.8d460c4.el9ost	RHEA-2023:4577
python-oslo-concurrency-lang	4.4.0- 1.20220727123028.7dcf9e9.el9ost	RHEA-2023:4577
python-oslo-i18n-lang	5.0.1- 1.20220727101232.73187bd.el9ost	RHEA-2023:4577
python-oslo-log-lang	4.4.0- 1.20220727124451.9b29c90.el9ost	RHEA-2023:4577
python-oslo-utils-lang	4.8.2- 1.20230201111008.a38b56a.el9ost	RHEA-2023:4577
python3-anyjson	0.3.3-24.el9ost	RHEA-2023:4577
python3-boto	2.45.0-7.1.el9ost	RHEA-2023:4577
python3-cliff	3.7.0- 1.20220727105718.117a100.el9ost	RHEA-2023:4577
python3-cmd2	1.4.0-2.el9ost	RHEA-2023:4577
python3-colorama	0.4.4-2.el9ost	RHEA-2023:4577
python3-debtcollector	2.2.0- 1.20220727101232.649189d.el9ost	RHEA-2023:4577
python3-dogpile-cache	1.1.5-3.el9ost	RHEA-2023:4577
python3-eventlet	0.30.2-1.el9ost	RHEA-2023:4577
python3-fasteners	0.14.1-24.el9ost	RHEA-2023:4577
python3-heat-agent	2.2.1- 1.20220727150309.ed16cc7.el9ost	RHEA-2023:4577

Name	Version	Advisory
python3-heat-agent-ansible	2.2.1-1.20220727150309.ed16cc7.el9ost	RHEA-2023:4577
python3-heat-agent-apply-config	2.2.1-1.20220727150309.ed16cc7.el9ost	RHEA-2023:4577
python3-heat-agent-docker-cmd	2.2.1-1.20220727150309.ed16cc7.el9ost	RHEA-2023:4577
python3-heat-agent-hiera	2.2.1-1.20220727150309.ed16cc7.el9ost	RHEA-2023:4577
python3-heat-agent-json-file	2.2.1-1.20220727150309.ed16cc7.el9ost	RHEA-2023:4577
python3-heat-agent-puppet	2.2.1-1.20220727150309.ed16cc7.el9ost	RHEA-2023:4577
python3-heatclient	2.3.1-1.20220727182401.d16c245.el9ost	RHEA-2023:4577
python3-importlib-metadata	1.7.0-1.el9ost	RHEA-2023:4577
python3-iso8601	0.1.12-3.el9ost	RHEA-2023:4577
python3-jepney	0.6.0-2.el9ost	RHEA-2023:4577
python3-jmespath	0.10.0-1.el9ost	RHEA-2023:4577
python3-keyring	21.8.0-2.el9ost	RHEA-2023:4577
python3-keystoneauth1	4.4.0-1.20220727120523.112bcae.el9ost	RHEA-2023:4577
python3-keystoneclient	4.3.0-1.20220727214928.d5cb761.el9ost	RHEA-2023:4577
python3-msgpack	1.0.2-2.el9ost	RHEA-2023:4577
python3-munch	2.5.0-4.el9ost	RHEA-2023:4577

Name	Version	Advisory
python3-openstacksdk	0.55.1- 1.20220727183533.f09ed4a.el9os t	RHEA-2023:4577
python3-os-service-types	1.7.0- 1.20220727115532.0b2f473.el9ost	RHEA-2023:4577
python3-osc-lib	2.3.1- 1.20220727122302.2b7a679.el9os t	RHEA-2023:4577
python3-oslo-concurrency	4.4.0- 1.20220727123028.7dcf9e9.el9os t	RHEA-2023:4577
python3-oslo-config	8.5.1- 1.20220727120157.de1dbee.el9ost	RHEA-2023:4577
python3-oslo-context	3.2.1- 1.20220727123754.b124eb7.el9os t	RHEA-2023:4577
python3-oslo-i18n	5.0.1- 1.20220727101232.73187bd.el9ost	RHEA-2023:4577
python3-oslo-log	4.4.0- 1.20220727124451.9b29c90.el9os t	RHEA-2023:4577
python3-oslo-serialization	4.1.1- 1.20220727174213.bbe5d5a.el9os t	RHEA-2023:4577
python3-oslo-utils	4.8.2- 1.20230201111008.a38b56a.el9ost	RHEA-2023:4577
python3-pbr	5.5.1-2.el9ost	RHEA-2023:4577
python3-pyperclip	1.8.0-3.el9ost	RHEA-2023:4577
python3-pystache	0.5.4-13.el9ost	RHEA-2023:4577
python3-requestsexceptions	1.4.0- 1.20220727101907.d7ac0ff.el9ost	RHEA-2023:4577
python3-rfc3986	1.4.0-5.el9ost	RHEA-2023:4577

Name	Version	Advisory
python3-rsa	4.6-2.1.el9ost	RHEA-2023:4577
python3-secretstorage	3.3.1-1.el9ost	RHEA-2023:4577
python3-simplejson	3.17.2-4.el9ost	RHEA-2023:4577
python3-stevedore	3.3.3-1.20221025061318.7b48fff.el9ost	RHEA-2023:4577
python3-swiftclient	3.11.1-1.20220727122947.06b36ae.el9ost	RHEA-2023:4577
python3-wrapt	1.12.1-4.el9ost	RHEA-2023:4577
python3-zaqarclient	2.3.0-1.20220727134149.e388947.el9ost	RHEA-2023:4577
python3-zipp	3.4.0-1.el9ost	RHEA-2023:4577
rhosp-director-images-base	17.1-20230802.2.el9ost	RHEA-2023:4579
rhosp-director-images-metadata	17.1-20230802.2.el9ost	RHEA-2023:4579
rhosp-director-images-minimal	17.1-20230802.2.el9ost	RHEA-2023:4579
rhosp-release	17.1.0-1.el9ost	RHEA-2023:4577
ruby-augeas	0.5.0-27.el9ost	RHEA-2023:4577
ruby-facter	3.14.19-1.el9ost	RHEA-2023:4577
rubygem-concurrent-ruby	1.1.5-2.el9ost	RHEA-2023:4577
rubygem-deep_merge	1.2.1-7.el9ost	RHEA-2023:4577
rubygem-diff-lcs	1.2.5-7.el9ost	RHEA-2023:4577
rubygem-fast_gettext	1.2.0-9.el9ost	RHEA-2023:4577
rubygem-hocon	1.3.1-2.el9ost	RHEA-2023:4577
rubygem-multi_json	1.15.0-2.el9ost	RHEA-2023:4577

Name	Version	Advisory
rubygem-puppet-resource_api	1.8.13-1.el9ost	RHEA-2023:4577
rubygem-ruby-shadow	2.5.0-15.el9ost	RHEA-2023:4577
rubygem-semantic_puppet	1.0.4-2.el9ost	RHEA-2023:4577
rubygem-set	1.0.1-1.el9ost	RHEA-2023:4577
yaml-cpp	0.6.3-4.el9ost	RHEA-2023:4577

3.3. RED HAT OPENSTACK PLATFORM 17.1 FOR RHEL 8 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-17.1-for-rhel-8-x86_64-rpms** repository.

Table 3.3. Red Hat OpenStack Platform 17.1 for RHEL 8 x86_64 (RPMs) Packages

Name	Version	Advisory
ansible-collection-ansible-netcommon	2.2.0-1.2.el8ost.1	RHEA-2023:4580
ansible-collection-ansible-posix	1.2.0-1.el8ost.1	RHEA-2023:4580
ansible-collection-ansible-utils	2.3.0-2.el8ost	RHEA-2023:4580
ansible-collection-community-general	4.0.0-1.1.el8ost.1	RHEA-2023:4580
ansible-collection-containers-podman	1.9.3-1.el8ost	RHEA-2023:4580
ansible-collections-openstack	1.9.1-1.20230420063954.0e9a6f2.el8ost	RHEA-2023:4580
ansible-config_template	2.0.1-17.1.20230517174107.7951228.el8ost	RHEA-2023:4580
ansible-freeipa	1.9.2-1.1.el8ost	RHEA-2023:4580
ansible-pacemaker	1.0.4-17.1.20221026103752.7c10fdb.el8ost	RHEA-2023:4580

Name	Version	Advisory
ansible-role-atos-hsm	1.0.1- 1.20220727095609.ccd3896.el8 ost	RHEA-2023:4580
ansible-role-chrony	1.3.1- 1.20230510014016.0111661.el8ost	RHEA-2023:4580
ansible-role-collectd-config	0.0.2- 1.20220727095634.1992666.el8o st	RHEA-2023:4580
ansible-role-container-registry	1.4.1- 17.1.20221116233745.a091b9c.el8o st	RHEA-2023:4580
ansible-role-lunasa-hsm	1.1.1- 17.1.20220727100600.6ebc8f4.el 8ost	RHEA-2023:4580
ansible-role-metalsmith- deployment	1.4.4- 1.20230515184003.5e7461e.el8os t	RHEA-2023:4580
ansible-role-openstack- operations	0.0.1- 17.1.20220727212820.2ab288f.el8 ost	RHEA-2023:4580
ansible-role-qdr-config	0.0.1- 1.20220727212923.b456651.el8os t	RHEA-2023:4580
ansible-role-redhat-subscription	1.2.1- 17.1.20220818145419.eefe501.el8o st	RHEA-2023:4580
ansible-role-thales-hsm	3.0.1- 1.20220727213721.e0f4569.el8ost	RHEA-2023:4580
ansible-role-tripleo-modify- image	1.5.1- 17.1.20230211115447.b6eedb6.el8o st	RHEA-2023:4580
ansible-tripleo-ipa	0.3.1-1.20230519134015.el8ost	RHEA-2023:4580
ansible-tripleo-ipsec	11.0.1- 1.20220727100612.b5559c8.el8os t	RHEA-2023:4580

Name	Version	Advisory
collectd	5.12.0-10.el8ost	RHEA-2023:4580
collectd-amqp1	5.12.0-10.el8ost	RHEA-2023:4580
collectd-apache	5.12.0-10.el8ost	RHEA-2023:4580
collectd-bind	5.12.0-10.el8ost	RHEA-2023:4580
collectd-ceph	5.12.0-10.el8ost	RHEA-2023:4580
collectd-chrony	5.12.0-10.el8ost	RHEA-2023:4580
collectd-connectivity	5.12.0-10.el8ost	RHEA-2023:4580
collectd-curl	5.12.0-10.el8ost	RHEA-2023:4580
collectd-curl_json	5.12.0-10.el8ost	RHEA-2023:4580
collectd-curl_xml	5.12.0-10.el8ost	RHEA-2023:4580
collectd-disk	5.12.0-10.el8ost	RHEA-2023:4580
collectd-dns	5.12.0-10.el8ost	RHEA-2023:4580
collectd-generic-jmx	5.12.0-10.el8ost	RHEA-2023:4580
collectd-hugepages	5.12.0-10.el8ost	RHEA-2023:4580
collectd-ipmi	5.12.0-10.el8ost	RHEA-2023:4580
collectd-iptables	5.12.0-10.el8ost	RHEA-2023:4580
collectd-libpod-stats	1.0.5-5.el8ost	RHEA-2023:4580
collectd-log_logstash	5.12.0-10.el8ost	RHEA-2023:4580
collectd-mcelog	5.12.0-10.el8ost	RHEA-2023:4580
collectd-mysql	5.12.0-10.el8ost	RHEA-2023:4580
collectd-netlink	5.12.0-10.el8ost	RHEA-2023:4580
collectd-openldap	5.12.0-10.el8ost	RHEA-2023:4580
collectd-ovs-events	5.12.0-10.el8ost	RHEA-2023:4580

Name	Version	Advisory
collectd-ovs-stats	5.12.0-10.el8ost	RHEA-2023:4580
collectd-pcie-errors	5.12.0-10.el8ost	RHEA-2023:4580
collectd-ping	5.12.0-10.el8ost	RHEA-2023:4580
collectd-pmu	5.12.0-10.el8ost	RHEA-2023:4580
collectd-procevent	5.12.0-10.el8ost	RHEA-2023:4580
collectd-python	5.12.0-10.el8ost	RHEA-2023:4580
collectd-rdt	5.12.0-10.el8ost	RHEA-2023:4580
collectd-sensors	5.12.0-10.el8ost	RHEA-2023:4580
collectd-sensubility	0.2.0-2.el8ost	RHEA-2023:4580
collectd-smart	5.12.0-10.el8ost	RHEA-2023:4580
collectd-snmp	5.12.0-10.el8ost	RHEA-2023:4580
collectd-snmp-agent	5.12.0-10.el8ost	RHEA-2023:4580
collectd-sysevent	5.12.0-10.el8ost	RHEA-2023:4580
collectd-turbostat	5.12.0-10.el8ost	RHEA-2023:4580
collectd-utils	5.12.0-10.el8ost	RHEA-2023:4580
collectd-virt	5.12.0-10.el8ost	RHEA-2023:4580
collectd-write_http	5.12.0-10.el8ost	RHEA-2023:4580
collectd-write_kafka	5.12.0-10.el8ost	RHEA-2023:4580
collectd-write_prometheus	5.12.0-10.el8ost	RHEA-2023:4580
cpp-hocon	0.3.0-4.2.el8ost.2	RHEA-2023:4580
crudini	0.9.3-1.el8ost.1	RHEA-2023:4580
dib-utils	0.0.11- 17.1.20220727214513.51661c3.el8o st	RHEA-2023:4580

Name	Version	Advisory
diskimage-builder	3.29.1-1.20230424094026.ed9bdf8.el8ost	RHEA-2023:4580
double-conversion	3.1.5-4.el8ost.2	RHEA-2023:4580
dumb-init	1.2.5-2.el8ost	RHEA-2023:4580
facter	3.14.19-1.el8ost	RHEA-2023:4580
golang-github-Sirupsen-logrus-devel	1.1.1-7.el8ost	RHEA-2023:4580
golang-github-davecgh-go-spew-devel	0-0.12.git6d21280.1.el8ost.1	RHEA-2023:4580
golang-github-go-ini-ini-devel	1.39.3-0.2.gitf55231c.1.el8ost	RHEA-2023:4580
golang-github-infracore-apputils	0.5-2.git4ffa970.el8ost	RHEA-2023:4580
golang-github-pmezard-difflib-devel	1.0.0-6.el8ost	RHEA-2023:4580
golang-github-streadway-amqp-devel	0-0.4.20190404git75d898a.el8ost	RHEA-2023:4580
golang-github-stretchr-objx-devel	0-0.14.git1a9d0bb.el8ost	RHEA-2023:4580
golang-github-stretchr-testify-devel	1.2.2-5.el8ost	RHEA-2023:4580
golang-github-urfave-cli-devel	1.20.0-7.el8ost	RHEA-2023:4580
golang-github-vbatts-tar-split	0.11.1-9.el8ost	RHEA-2023:4580
golang-qpid-apache	0.33.0-4.el8ost	RHEA-2023:4580
golang-uber-atomic	1.5.1-1.el8ost.1	RHEA-2023:4580
golang-uber-multierr	1.5.0-1.el8ost.1	RHEA-2023:4580
golang-x-sys-devel	0-0.39.20210715git9b0068b.el8ost	RHEA-2023:4580

Name	Version	Advisory
heat-cfntools	1.4.2-11.el8ost.2	RHEA-2023:4580
hiera	3.6.0-1.el8ost.1	RHEA-2023:4580
leapp-repository-openstack	0.0.12-1.el8ost	RHEA-2023:4580
leatherman	1.12.0-5.el8ost.1	RHEA-2023:4580
libcollectedclient	5.12.0-10.el8ost	RHEA-2023:4580
liboping	1.10.0-11.el8ost	RHEA-2023:4580
libqhull	7.2.1-2.el8ost.1	RHEA-2023:4580
libsodium	1.0.18-2.el8ost.1	RHEA-2023:4580
libzstd	1.4.5-6.el8ost.1	RHEA-2023:4580
openstack-heat-agents	2.2.1- 1.20220728000604.ed16cc7.el8ost	RHEA-2023:4580
openstack-heat-api	16.1.1- 1.20230416004033.2d5a87d.el8ost	RHEA-2023:4580
openstack-heat-common	16.1.1- 1.20230416004033.2d5a87d.el8ost	RHEA-2023:4580
openstack-heat-engine	16.1.1- 1.20230416004033.2d5a87d.el8ost	RHEA-2023:4580
openstack-heat-monolith	16.1.1- 1.20230416004033.2d5a87d.el8ost	RHEA-2023:4580
openstack-ironic-python-agent-builder	2.8.0- 1.20220727181453.e0b51e0.el8ost	RHEA-2023:4580
openstack-nova-common	23.2.3-1.20230520123958.el8ost	RHEA-2023:4580
openstack-nova-compute	23.2.3-1.20230520123958.el8ost	RHEA-2023:4580

Name	Version	Advisory
openstack-nova-migration	23.2.3-1.20230520123958.el8ost	RHEA-2023:4580
openstack-selinux	0.8.37-17.1.20221215084349.34c2ecc.el8ost	RHEA-2023:4580
openstack-tempest	33.0.0-1.20230406153813.1580f6f.el8ost	RHEA-2023:4580
openstack-tripleo-common	15.4.1-1.20230518205256.el8ost	RHEA-2023:4580
openstack-tripleo-common-container-base	15.4.1-1.20230518205256.el8ost	RHEA-2023:4580
openstack-tripleo-common-containers	15.4.1-1.20230518205256.el8ost	RHEA-2023:4580
openstack-tripleo-heat-templates	14.3.1-1.20230519143971.el8ost	RHEA-2023:4580
openstack-tripleo-image-elements	13.1.3-1.20230322223831.a641940.el8ost	RHEA-2023:4580
openstack-tripleo-puppet-elements	14.1.3-1.20230221224239.23b0079.el8ost	RHEA-2023:4580
openstack-tripleo-validations	14.3.2-1.20230421033956.c768acb.el8ost	RHEA-2023:4580
os-apply-config	13.1.0-1.20220727102349.474068e.el8ost	RHEA-2023:4580
os-collect-config	13.1.0-1.20220727232946.3a7d05a.el8ost	RHEA-2023:4580
os-net-config	14.2.1-1.20230412014753.el8ost	RHEA-2023:4580
os-refresh-config	13.1.0-1.20220727215600.5bb536c.el8ost	RHEA-2023:4580
plotnetcfg	0.4.1-14.el8ost.1	RHEA-2023:4580

Name	Version	Advisory
pmu-data	109-3.1.el8ost	RHEA-2023:4580
puppet	7.10.0-1.el8ost	RHEA-2023:4580
puppet-aodh	18.4.2-1.20230131230427.3e47b5a.el8ost	RHEA-2023:4580
puppet-apache	6.5.2-0.20220712154420.e4a1532.el8ost	RHEA-2023:4580
puppet-archive	4.6.1-0.20220712084434.bc7e4ff.el8ost	RHEA-2023:4580
puppet-auditd	2.2.1-17.1.20220727220254.189b22b.el8ost	RHEA-2023:4580
puppet-barbican	18.4.2-1.20221108094553.af6c77b.el8ost	RHEA-2023:4580
puppet-ceilometer	18.4.3-1.20230505004947.5050368.el8ost	RHEA-2023:4580
puppet-certmonger	2.7.1-0.20220712090641.3e2e660.el8ost	RHEA-2023:4580
puppet-cinder	18.5.2-1.20230127003831.6aa60e7.el8ost	RHEA-2023:4580
puppet-collectd	13.0.0-1.20230413134008.ad138a7.el8ost	RHEA-2023:4580
puppet-concat	6.2.1-0.20220712083648.dfeabb9.el8ost	RHEA-2023:4580
puppet-corosync	8.0.1-0.20220712093115.6a9da9a.el8ost	RHEA-2023:4580

Name	Version	Advisory
puppet-designate	18.6.1- 1.20230131230703.f4c0b89.el8ost	RHEA-2023:4580
puppet-dns	8.2.1- 1.20220728005427.70f5b28.el8ost	RHEA-2023:4580
puppet-etcd	1.12.3- 17.1.20220712095117.e143c2d.el8ost	RHEA-2023:4580
puppet-fdio	18.2- 17.1.20220727103224.6fd1c8e.el8ost	RHEA-2023:4580
puppet-firewall	3.4.1- 17.1.20220714134752.94f707c.el8ost	RHEA-2023:4580
puppet-git	0.5.0- 17.1.20220712100238.4e4498e.el8ost	RHEA-2023:4580
puppet-glance	18.6.1- 1.20230128003900.81b081d.el8ost	RHEA-2023:4580
puppet-gnocchi	18.4.3- 1.20230131225420.7584b94.el8ost	RHEA-2023:4580
puppet-haproxy	4.2.2- 0.20220712100808.a797b8c.el8ost	RHEA-2023:4580
puppet-headless	7.10.0-1.el8ost	RHEA-2023:4580
puppet-heat	18.4.1- 1.20230323234835.3b41bb0.el8ost	RHEA-2023:4580
puppet-horizon	18.6.1- 1.20230423024131.8074e69.el8ost	RHEA-2023:4580

Name	Version	Advisory
puppet-inifile	4.2.1-0.20220712083557.df46d2a.el8ost	RHEA-2023:4580
puppet-ipaclient	2.5.2-17.1.20220712101058.b086731.el8ost	RHEA-2023:4580
puppet-ironic	18.7.1-1.20230516013950.edf93f9.el8ost	RHEA-2023:4580
puppet-keepalived	0.0.2-17.1.20220712101637.bbca37a.el8ost	RHEA-2023:4580
puppet-keystone	18.6.1-1.20230218004339.67ff287.el8ost	RHEA-2023:4580
puppet-kmod	2.5.0-0.20220712092606.52e31e3.el8ost	RHEA-2023:4580
puppet-manila	18.5.2-1.20230127004755.a72a7d5.el8ost	RHEA-2023:4580
puppet-memcached	6.0.0-17.1.20220712090433.4c70dbd.el8ost	RHEA-2023:4580
puppet-module-data	0.5.1-17.1.20220712102135.28dafce.el8ost	RHEA-2023:4580
puppet-mysql	10.6.1-1.20220714141739.937d044.el8ost	RHEA-2023:4580
puppet-neutron	18.6.1-1.20221226014026.el8ost	RHEA-2023:4580
puppet-nova	18.6.1-1.20221226010718.65b15ad.el8ost	RHEA-2023:4580
puppet-nssdb	1.0.2-17.1.20220712091545.2ed2a2d.el8ost	RHEA-2023:4580

Name	Version	Advisory
puppet-octavia	18.5.1- 1.20230201003831.842492c.el8ost	RHEA-2023:4580
puppet-openstack_extras	18.5.1- 1.20221108102751.504e1a0.el8ost	RHEA-2023:4580
puppet-openstacklib	18.5.2- 1.20221219234730.64d8ac6.el8ost	RHEA-2023:4580
puppet-oslo	18.5.1- 1.20221219234629.fe2a147.el8ost	RHEA-2023:4580
puppet-ovn	18.6.1- 1.20230413013953.7805f7e.el8ost	RHEA-2023:4580
puppet-pacemaker	1.5.1- 17.1.20221226015058.7add073.el8ost	RHEA-2023:4580
puppet-placement	5.4.3- 1.20230131232551.e7557a5.el8ost	RHEA-2023:4580
puppet-qdr	7.4.1- 1.20220728123856.8a575de.el8ost	RHEA-2023:4580
puppet-rabbitmq	11.0.1- 1.20230428153957.63fee2c.el8ost	RHEA-2023:4580
puppet-redis	6.1.1- 0.20220712093938.547105e.el8ost	RHEA-2023:4580
puppet-remote	10.0.0- 17.1.20220712094352.7420908.el8ost	RHEA-2023:4580
puppet-rsync	11.4- 17.1.20220712155729.ea6397e.el8ost	RHEA-2023:4580
puppet-rsyslog	4.0.1- 1.20220727220448.2548a0d.el8ost	RHEA-2023:4580

Name	Version	Advisory
puppet-snmp	3.9.1- 17.1.20220712103531.5d73485.el8 ost	RHEA-2023:4580
puppet-ssh	6.2.1- 0.20220712092028.6e0f430.el8 ost	RHEA-2023:4580
puppet-stdlib	6.3.1- 1.20220728003938.7c1ae25.el8o st	RHEA-2023:4580
puppet-swift	18.6.1- 1.20221219233951.f105ffc.el8ost	RHEA-2023:4580
puppet-sysctl	0.0.13- 17.1.20220712085616.847ec1c.el8 ost	RHEA-2023:4580
puppet-systemd	2.12.1- 0.20220712093532.8f68b0d.el8 ost	RHEA-2023:4580
puppet-tripleo	14.2.3-1.20230521013956.el8ost	RHEA-2023:4580
puppet-vcsrepo	3.1.1- 0.20220712085822.a36ee18.el8o st	RHEA-2023:4580
puppet-vswitch	14.4.2- 1.20221109014312.51e82ca.el8ost	RHEA-2023:4580
puppet-xinetd	3.3.1- 17.1.20220712091204.8d460c4.el 8ost	RHEA-2023:4580
python-openstackclient-lang	5.5.2- 1.20230404113830.42d9b6e.el8o st	RHEA-2023:4580
python-oslo-cache-lang	2.7.1- 1.20220727175242.d0252f6.el8os t	RHEA-2023:4580
python-oslo-concurrency-lang	4.4.0- 1.20220727153420.7dcf9e9.el8os t	RHEA-2023:4580

Name	Version	Advisory
python-oslo-db-lang	8.5.2-1.20221011033702.26fd6fb.el8ost	RHEA-2023:4580
python-oslo-i18n-lang	5.0.1-1.20220727212022.73187bd.el8ost	RHEA-2023:4580
python-oslo-log-lang	4.4.0-1.20230124123758.9b29c90.el8ost	RHEA-2023:4580
python-oslo-middleware-lang	4.2.1-1.20220727174253.b40ca5f.el8ost	RHEA-2023:4580
python-oslo-policy-lang	3.7.1-1.20220727124740.639b471.el8ost	RHEA-2023:4580
python-oslo-privsep-lang	2.5.1-1.20230516124011.1634c00.el8ost	RHEA-2023:4580
python-oslo-utils-lang	4.8.2-1.20230201104135.a38b56a.el8ost	RHEA-2023:4580
python-oslo-versionedobjects-lang	2.4.1-1.20220727131633.89ff171.el8ost	RHEA-2023:4580
python-oslo-vmware-lang	3.8.2-1.20220810165344.dc1a466.el8ost	RHEA-2023:4580
python-pycadf-common	3.1.1-1.20220727223847.4179996.el8ost	RHEA-2023:4580
python3-GitPython	3.1.14-1.el8ost.1	RHEA-2023:4580
python3-alembic	1.4.3-1.el8ost.1	RHEA-2023:4580
python3-amqp	5.0.6-2.el8ost	RHEA-2023:4580
python3-ansible-runner	2.0.0a1-3.el8ost.1	RHEA-2023:4580
python3-anyjson	0.3.3-24.el8ost.1	RHEA-2023:4580

Name	Version	Advisory
python3-aodhclient	2.2.0-1.20221118093728.b747ae3.el8ost	RHEA-2023:4580
python3-appdirs	1.4.4-2.el8ost.1	RHEA-2023:4580
python3-automaton	2.3.1-1.20220727133327.4a3e539.el8ost	RHEA-2023:4580
python3-barbicanclient	5.3.0-1.20230509083956.ad49c40.el8ost	RHEA-2023:4580
python3-bcrypt	3.1.7-3.el8ost.1	RHEA-2023:4580
python3-beautifulsoup4	4.9.3-1.el8ost.1	RHEA-2023:4580
python3-boto	2.49.0-4.el8ost.1	RHEA-2023:4580
python3-cachetools	4.2.2-1.el8ost.1	RHEA-2023:4580
python3-castellan	3.7.2-1.20220727113716.3775cf4.el8ost	RHEA-2023:4580
python3-cffi	1.13.2-1.el8ost.1	RHEA-2023:4580
python3-cinderclient	7.4.1-1.20220727224832.4f72e6f.el8ost	RHEA-2023:4580
python3-cliff	3.7.0-1.20220727213806.117a100.el8ost	RHEA-2023:4580
python3-cmd2	1.4.0-1.1.el8ost.1	RHEA-2023:4580
python3-collectd-rabbitmq-monitoring	0.0.6-4.el8ost	RHEA-2023:4580
python3-colorama	0.4.4-2.el8ost.1	RHEA-2023:4580
python3-contextlib2	0.6.0.post1-1.el8ost.1	RHEA-2023:4580
python3-croniter	0.3.35-1.el8ost.1	RHEA-2023:4580

Name	Version	Advisory
python3-cursive	0.2.2-17.1.20220727115339.d7cea1f.el8ost	RHEA-2023:4580
python3-cycler	0.10.0-13.el8ost.1	RHEA-2023:4580
python3-daemon	2.3.0-1.el8ost.1	RHEA-2023:4580
python3-dataclasses	0.8-1.el8ost.1	RHEA-2023:4580
python3-dateutil	2.8.1-1.el8ost.1	RHEA-2023:4580
python3-ddt	1.4.2-1.el8ost.1	RHEA-2023:4580
python3-debtcollector	2.2.0-1.20220727093815.649189d.el8ost	RHEA-2023:4580
python3-decorator	4.4.0-5.el8ost.1	RHEA-2023:4580
python3-defusedxml	0.7.1-1.el8ost.1	RHEA-2023:4580
python3-designateclient	4.2.1-1.20220727191108.7a8d156.el8ost	RHEA-2023:4580
python3-dogpile-cache	1.1.5-3.el8ost	RHEA-2023:4580
python3-editor	1.0.4-4.el8ost.1	RHEA-2023:4580
python3-entrypoints	0.3-4.el8ost.1	RHEA-2023:4580
python3-etcd3gw	0.2.6-2.el8ost.1	RHEA-2023:4580
python3-eventlet	0.30.2-1.el8ost.1	RHEA-2023:4580
python3-extras	1.0.0-12.el8ost	RHEA-2023:4580
python3-fasteners	0.14.1-21.el8ost.1	RHEA-2023:4580
python3-fixtures	3.0.0-16.el8ost.1	RHEA-2023:4580
python3-flake8	3.7.7-6.el8ost.1	RHEA-2023:4580
python3-future	0.18.2-3.el8ost.1	RHEA-2023:4580

Name	Version	Advisory
python3-futurist	2.3.0- 1.20220727101600.1a1c6f8.el8ost	RHEA-2023:4580
python3-gitdb	4.0.5-2.el8ost	RHEA-2023:4580
python3-glanceclient	3.3.0- 1.20221115174113.f802c71.el8ost	RHEA-2023:4580
python3-gnocchiclient	7.0.7- 1.20220718110604.cad2c27.el8ost	RHEA-2023:4580
python3-greenlet	1.0.0-1.el8ost	RHEA-2023:4580
python3-heat-agent	2.2.1- 1.20220728000604.ed16cc7.el8ost	RHEA-2023:4580
python3-heat-agent-ansible	2.2.1- 1.20220728000604.ed16cc7.el8ost	RHEA-2023:4580
python3-heat-agent-apply-config	2.2.1- 1.20220728000604.ed16cc7.el8ost	RHEA-2023:4580
python3-heat-agent-docker-cmd	2.2.1- 1.20220728000604.ed16cc7.el8ost	RHEA-2023:4580
python3-heat-agent-hiera	2.2.1- 1.20220728000604.ed16cc7.el8ost	RHEA-2023:4580
python3-heat-agent-json-file	2.2.1- 1.20220728000604.ed16cc7.el8ost	RHEA-2023:4580
python3-heat-agent-puppet	2.2.1- 1.20220728000604.ed16cc7.el8ost	RHEA-2023:4580
python3-heatclient	2.3.1- 1.20220727134220.d16c245.el8ost	RHEA-2023:4580
python3-importlib-metadata	1.7.0-1.el8ost.1	RHEA-2023:4580

Name	Version	Advisory
python3-ironic-inspector-client	4.5.0-1.20220727111646.3c03e21.el8ost	RHEA-2023:4580
python3-ironicclient	4.6.4-1.20221027064127.09b78fa.el8ost	RHEA-2023:4580
python3-iso8601	0.1.12-8.el8ost.1	RHEA-2023:4580
python3-jeepney	0.6.0-2.el8ost.2	RHEA-2023:4580
python3-jsonschema	3.2.0-5.el8ost.1	RHEA-2023:4580
python3-junitxml	0.7-26.el8ost.1	RHEA-2023:4580
python3-kazoo	2.8.0-1.el8ost.1	RHEA-2023:4580
python3-keyring	21.8.0-2.el8ost.1	RHEA-2023:4580
python3-keystoneauth1	4.4.0-1.20220727222004.112bcae.el8ost	RHEA-2023:4580
python3-keystoneclient	4.3.0-1.20220727200548.d5cb761.el8ost	RHEA-2023:4580
python3-keystonemiddleware	9.2.0-1.20220727112636.3659bda.el8ost	RHEA-2023:4580
python3-kiwisolver	1.1.0-4.el8ost.1	RHEA-2023:4580
python3-kombu	5.0.2-1.el8ost.1	RHEA-2023:4580
python3-linecache2	1.0.0-25.el8ost.1	RHEA-2023:4580
python3-lockfile	0.12.2-2.el8ost.1	RHEA-2023:4580
python3-logutils	0.3.5-12.el8ost	RHEA-2023:4580
python3-magnumclient	3.4.1-1.20230105113801.280acd2.el8ost	RHEA-2023:4580
python3-manilaclient	2.6.4-1.20220727154316.7f7d7d3.el8ost	RHEA-2023:4580

Name	Version	Advisory
python3-markupsafe	1.1.0-7.el8ost.1	RHEA-2023:4580
python3-matplotlib	3.1.1-2.el8ost.1	RHEA-2023:4580
python3-matplotlib-data	3.1.1-2.el8ost.1	RHEA-2023:4580
python3-matplotlib-data-fonts	3.1.1-2.el8ost.1	RHEA-2023:4580
python3-matplotlib-tk	3.1.1-2.el8ost.1	RHEA-2023:4580
python3-mccabe	0.6.1-14.el8ost.1	RHEA-2023:4580
python3-memcached	1.59-2.el8ost	RHEA-2023:4580
python3-metalsmith	1.4.4- 1.20230515184003.5e7461e.el8ost	RHEA-2023:4580
python3-microversion-parse	1.0.1- 1.20220727102336.2c36df6.el8ost	RHEA-2023:4580
python3-migrate	0.13.0-6.el8ost.1	RHEA-2023:4580
python3-mistralclient	4.2.0- 1.20220727231108.20a10f0.el8ost	RHEA-2023:4580
python3-monotonic	1.5-9.el8ost	RHEA-2023:4580
python3-msgpack	1.0.2-1.el8ost.1	RHEA-2023:4580
python3-munch	2.5.0-3.el8ost.1	RHEA-2023:4580
python3-natsort	7.1.1-2.el8ost.1	RHEA-2023:4580
python3-netifaces	0.10.9-10.el8ost	RHEA-2023:4580
python3-networkx	2.5-2.el8ost.1	RHEA-2023:4580
python3-neutron-lib	2.10.2-1.20230510084012.el8ost	RHEA-2023:4580
python3-neutron-tests-tempest	2.1.0-1.20230508093958.el8ost	RHEA-2023:4580
python3-neutronclient	7.3.1- 1.20221110063715.29a9f5e.el8ost	RHEA-2023:4580

Name	Version	Advisory
python3-nova	23.2.3-1.20230520123958.el8ost	RHEA-2023:4580
python3-novaclient	17.4.1-1.20220917063708.5ee4427.el8ost	RHEA-2023:4580
python3-numpy	1.17.0-11.el8ost	RHEA-2023:4580
python3-numpy-f2py	1.17.0-11.el8ost	RHEA-2023:4580
python3-octaviaclient	2.3.1-1.20220727225443.51347bc.el8ost	RHEA-2023:4580
python3-openstackclient	5.5.2-1.20230404113830.42d9b6e.el8ost	RHEA-2023:4580
python3-openstacksdk	0.55.1-1.20220727181957.f09ed4a.el8ost	RHEA-2023:4580
python3-os-brick	4.3.4-1.20230519140256.cf69f92.el8ost	RHEA-2023:4580
python3-os-client-config	2.1.0-1.20220727222853.bc96c23.el8ost	RHEA-2023:4580
python3-os-ken	1.4.1-1.20220727125626.018d755.el8ost	RHEA-2023:4580
python3-os-resource-classes	1.0.0-1.20220727233914.3dd3506.el8ost	RHEA-2023:4580
python3-os-service-types	1.7.0-17.1.20220727104045.0b2f473.el8ost	RHEA-2023:4580
python3-os-testr	2.0.0-1.20220727214705.248dc81.el8ost	RHEA-2023:4580
python3-os-traits	2.5.0-1.20220727231953.ac1b39e.el8ost	RHEA-2023:4580

Name	Version	Advisory
python3-os-vif	2.4.1-1.20221116073809.el8ost	RHEA-2023:4580
python3-os-win	5.4.0-1.20220727114255.cce95b4.el8ost	RHEA-2023:4580
python3-osc-lib	2.3.1-1.20220727105040.2b7a679.el8ost	RHEA-2023:4580
python3-osc-placement	2.2.0-1.20220727235707.f7640c9.el8ost	RHEA-2023:4580
python3-oslo-cache	2.7.1-1.20220727175242.d0252f6.el8ost	RHEA-2023:4580
python3-oslo-concurrency	4.4.0-1.20220727153420.7dcf9e9.el8ost	RHEA-2023:4580
python3-oslo-config	8.5.1-1.20230124123758.de1dbee.el8ost	RHEA-2023:4580
python3-oslo-context	3.2.1-1.20220727110908.b124eb7.el8ost	RHEA-2023:4580
python3-oslo-db	8.5.2-1.20221011033702.26fd6fb.el8ost	RHEA-2023:4580
python3-oslo-ii8n	5.0.1-1.20220727212022.73187bd.el8ost	RHEA-2023:4580
python3-oslo-log	4.4.0-1.20230124123758.9b29c90.el8ost	RHEA-2023:4580
python3-oslo-messaging	12.7.3-1.202212164246.5d6fd1a.el8ost	RHEA-2023:4580
python3-oslo-middleware	4.2.1-1.20220727174253.b40ca5f.el8ost	RHEA-2023:4580

Name	Version	Advisory
python3-oslo-policy	3.7.1-1.20220727124740.639b471.el8ost	RHEA-2023:4580
python3-oslo-privsep	2.5.1-1.20230516124011.1634c00.el8ost	RHEA-2023:4580
python3-oslo-reports	2.2.0-1.20220727223653.bc631ae.el8ost	RHEA-2023:4580
python3-oslo-rootwrap	6.3.1-1.20220727132540.1b1b960.el8ost	RHEA-2023:4580
python3-oslo-serialization	4.1.1-1.20220727132453.bbe5d5a.el8ost	RHEA-2023:4580
python3-oslo-service	2.5.1-1.20230124124620.c1e3398.el8ost	RHEA-2023:4580
python3-oslo-upgradecheck	1.3.1-1.20220727131612.9561ecb.el8ost	RHEA-2023:4580
python3-oslo-utils	4.8.2-1.20230201104135.a38b56a.el8ost	RHEA-2023:4580
python3-oslo-versionedobjects	2.4.1-1.20220727131633.89ff171.el8ost	RHEA-2023:4580
python3-oslo-vmware	3.8.2-1.20220810165344.dc1a466.el8ost	RHEA-2023:4580
python3-osprofiler	3.4.0-1.20220727114659.5d82a02.el8ost	RHEA-2023:4580
python3-ovsdbapp	1.9.4-1.20221108163737.65d02f0.el8ost	RHEA-2023:4580
python3-packaging	20.4-1.el8ost.1	RHEA-2023:4580
python3-paramiko	2.7.2-2.el8ost.1	RHEA-2023:4580
python3-passlib	1.7.4-1.el8ost.1	RHEA-2023:4580

Name	Version	Advisory
python3-paste	3.5.0-1.el8ost.1	RHEA-2023:4580
python3-paste-deploy	2.1.1-1.el8ost.1	RHEA-2023:4580
python3-pbr	5.5.1-1.el8ost.1	RHEA-2023:4580
python3-pecan	1.4.0-2.el8ost.2	RHEA-2023:4580
python3-pexpect	4.7.0-4.el8ost.1	RHEA-2023:4580
python3-psutil	5.7.3-1.el8ost.2	RHEA-2023:4580
python3-pyasnl	0.4.6-3.el8ost.2	RHEA-2023:4580
python3-pyasnl-modules	0.4.6-3.el8ost.2	RHEA-2023:4580
python3-pycadf	3.1.1-1.20220727223847.4179996.el8ost	RHEA-2023:4580
python3-pycodestyle	2.5.0-6.el8ost.1	RHEA-2023:4580
python3-pydot	1.4.1-2.el8ost.1	RHEA-2023:4580
python3-pyflakes	2.1.1-5.el8ost.1	RHEA-2023:4580
python3-pygraphviz	1.5-9.el8ost.1	RHEA-2023:4580
python3-pymemcache	3.5.0-2.el8ost	RHEA-2023:4580
python3-pynacl	1.4.0-1.el8ost.1	RHEA-2023:4580
python3-pyparsing	2.4.6-1.el8ost.1	RHEA-2023:4580
python3-pyperclip	1.8.0-2.el8ost.1	RHEA-2023:4580
python3-pyrabbit2	1.0.6-3.el8ost	RHEA-2023:4580
python3-pyroute2	0.6.6-1.el8ost	RHEA-2023:4580
python3-pyrsistent	0.17.3-1.el8ost.1	RHEA-2023:4580
python3-pystache	0.5.4-13.el8ost.1	RHEA-2023:4580

Name	Version	Advisory
python3-pyyaml	5.4.1-2.el8ost.1	RHEA-2023:4580
python3-redis	3.5.3-1.el8ost.1	RHEA-2023:4580
python3-repoze-lru	0.7-6.el8ost.1	RHEA-2023:4580
python3-requests	2.25.1-1.el8ost.1	RHEA-2023:4580
python3-requestsexceptions	1.4.0- 17.1.20220727093815.d7ac0ff.el8 ost	RHEA-2023:4580
python3-retrying	1.3.3-1.el8ost.1	RHEA-2023:4580
python3-rfc3986	1.4.0-3.el8ost.1	RHEA-2023:4580
python3-rhosp-openvswitch	3.1-1.el8ost	RHEA-2023:4580
python3-routes	2.4.1-17.el8ost.1	RHEA-2023:4580
python3-rsa	4.6-3.el8ost.1	RHEA-2023:4580
python3-saharaclient	3.3.0- 1.20220727120214.401e663.el8os t	RHEA-2023:4580
python3-secretstorage	3.3.1-1.el8ost.1	RHEA-2023:4580
python3-setproctitle	1.2.2-1.el8ost.1	RHEA-2023:4580
python3-shade	1.33.0- 1.20220727235444.e7c7f29.el8o st	RHEA-2023:4580
python3-simplegeneric	0.8.1-17.el8ost.1	RHEA-2023:4580
python3-simplejson	3.17.5-1.el8ost.1	RHEA-2023:4580
python3-six	1.15.0-2.el8ost.1	RHEA-2023:4580
python3-smmap	3.0.1-4.el8ost	RHEA-2023:4580
python3-soupsieve	2.2-1.el8ost.1	RHEA-2023:4580
python3-sqlalchemy-collectd	0.0.6-2.el8ost	RHEA-2023:4580

Name	Version	Advisory
python3-sqlparse	0.4.1-1.el8ost.1	RHEA-2023:4580
python3-statsd	3.2.1-16.el8ost.1	RHEA-2023:4580
python3-stestr	2.6.0-4.el8ost.1	RHEA-2023:4580
python3-stevedore	3.3.3-1.20221025091001.7b48fff.el8ost	RHEA-2023:4580
python3-subunit	1.4.0-6.el8ost.1	RHEA-2023:4580
python3-swiftclient	3.11.1-1.20220727110024.06b36ae.el8ost	RHEA-2023:4580
python3-taskflow	4.6.0-1.20220727230513.0f7c6e9.el8ost	RHEA-2023:4580
python3-tempest	33.0.0-1.20230406153813.1580f6f.el8ost	RHEA-2023:4580
python3-tempestconf	3.3.1-1.20221216123732.29cc500.el8ost	RHEA-2023:4580
python3-tempita	0.5.1-25.el8ost.1	RHEA-2023:4580
python3-tenacity	6.3.1-1.el8ost.1	RHEA-2023:4580
python3-testscenarios	0.5.0-17.el8ost.1	RHEA-2023:4580
python3-testtools	2.5.0-2.el8ost	RHEA-2023:4580
python3-tinyrpc	1.0.3-1.el8ost.1	RHEA-2023:4580
python3-tooz	2.8.3-1.20220810165244.73dbe0e.el8ost	RHEA-2023:4580
python3-traceback2	1.4.0-25.el8ost.1	RHEA-2023:4580
python3-tripleo-common	15.4.1-1.20230518205256.el8ost	RHEA-2023:4580
python3-tripleoclient	16.5.1-1.20230505004752.el8ost	RHEA-2023:4580

Name	Version	Advisory
python3-troveclient	7.0.0-1.20220727231400.c7319d8.el8ost	RHEA-2023:4580
python3-ujson	2.0.3-3.el8ost	RHEA-2023:4580
python3-unittest2	1.1.0-24.el8ost.1	RHEA-2023:4580
python3-urllib-gssapi	1.0.1-11.el8ost	RHEA-2023:4580
python3-urllib3	1.25.10-4.el8ost.1	RHEA-2023:4580
python3-validations-lib	1.9.1-1.20230421024008.7213419.el8ost	RHEA-2023:4580
python3-vine	5.0.0-2.1.el8ost	RHEA-2023:4580
python3-voluptuous	0.12.1-1.el8ost.1	RHEA-2023:4580
python3-waitress	2.0.0-3.el8ost	RHEA-2023:4580
python3-warlock	1.3.3-1.el8ost.1	RHEA-2023:4580
python3-wcwidth	0.2.5-2.el8ost.1	RHEA-2023:4580
python3-webob	1.8.7-1.el8ost.1	RHEA-2023:4580
python3-webtest	2.0.35-3.el8ost.1	RHEA-2023:4580
python3-werkzeug	1.0.1-3.el8ost.1	RHEA-2023:4580
python3-wrapt	1.12.1-3.el8ost.1	RHEA-2023:4580
python3-yappi	1.3.1-2.el8ost.1	RHEA-2023:4580
python3-yaql	1.1.3-10.el8ost.1	RHEA-2023:4580
python3-zake	0.2.2-19.el8ost.1	RHEA-2023:4580
python3-zaqarclient	2.3.0-1.20220727225720.e388947.el8ost	RHEA-2023:4580
python3-zipp	3.4.0-1.el8ost.1	RHEA-2023:4580

Name	Version	Advisory
qpid-proton-c	0.32.0-2.el8	RHEA-2023:4580
qpid-proton-c-devel	0.32.0-2.el8	RHEA-2023:4580
rhosp-network-scripts-openvswitch	3.1-1.el8ost	RHEA-2023:4580
rhosp-openvswitch	3.1-1.el8ost	RHEA-2023:4580
rhosp-release	17.1.0-1.el8ost	RHEA-2023:4580
ruby-augeas	0.5.0-23.el8ost.1	RHEA-2023:4580
ruby-facter	3.14.19-1.el8ost	RHEA-2023:4580
ruby-shadow	2.5.0-8.el8ost	RHEA-2023:4580
rubygem-concurrent-ruby	1.1.5-2.el8ost.1	RHEA-2023:4580
rubygem-deep_merge	1.2.1-4.el8ost.1	RHEA-2023:4580
rubygem-fast_gettext	1.2.0-9.el8ost.1	RHEA-2023:4580
rubygem-hocon	1.3.1-2.el8ost	RHEA-2023:4580
rubygem-multi_json	1.15.0-2.el8ost	RHEA-2023:4580
rubygem-puppet-resource_api	1.8.13-1.el8ost	RHEA-2023:4580
rubygem-semantic_puppet	1.0.4-2.el8ost	RHEA-2023:4580
subunit-filters	1.4.0-6.el8ost.1	RHEA-2023:4580
tripleo-ansible	3.3.1-1.20230521003956.el8ost	RHEA-2023:4580
validations-common	1.9.1-1.20230406033859.e96c169.el8ost	RHEA-2023:4580
yaml-cpp	0.6.3-4.el8ost.1	RHEA-2023:4580
zstd	1.4.5-6.el8ost.1	RHEA-2023:4580

3.4. RED HAT OPENSTACK PLATFORM 17.1 FOR RHEL 9 X86_64 (RPMS)

The following table outlines the packages included in the **openstack-17.1-for-rhel-9-x86_64-rpms** repository.

Table 3.4. Red Hat OpenStack Platform 17.1 for RHEL 9 x86_64 (RPMs) Packages

Name	Version	Advisory
XStatic-Angular-common	1.5.8.0-15.el9ost	RHEA-2023:4577
XStatic-Magic-Search-common	0.2.5.1-16.el9ost	RHEA-2023:4577
ansible-collection-ansible-netcommon	2.2.0-1.2.el9ost	RHEA-2023:4577
ansible-collection-ansible-posix	1.2.0-1.3.el9ost	RHEA-2023:4577
ansible-collection-ansible-utils	2.3.0-2.el9ost	RHEA-2023:4577
ansible-collection-community-general	4.0.0-1.1.el9ost	RHEA-2023:4577
ansible-collection-containers-podman	1.9.4-1.el9ost	RHEA-2023:4577
ansible-collections-openstack	1.9.1-1.20230420061007.0e9a6f2.el9ost	RHEA-2023:4577
ansible-config_template	2.0.1-1.20230517171038.7951228.el9ost	RHEA-2023:4577
ansible-pacemaker	1.0.4-1.20221026101409.7c10fdb.el9ost	RHEA-2023:4577
ansible-role-atos-hsm	1.0.1-1.20220727102902.ccd3896.el9ost	RHEA-2023:4577
ansible-role-chrony	1.3.1-1.20230510010957.0111661.el9ost	RHEA-2023:4577
ansible-role-collect-logs	1.5.1-1.20230504091034.e861134.el9ost	RHEA-2023:4577

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ansible-role-collectd-config	0.0.3- 1.20220727103502.1992666.el9os t	RHEA-2023:4577
ansible-role-container-registry	1.4.1- 1.20221116231149.a091b9c.el9ost	RHEA-2023:4577
ansible-role-lunasa-hsm	1.1.1- 1.20220727103630.6ebc8f4.el9o st	RHEA-2023:4577
ansible-role-metalsmith- deployment	1.4.4- 1.20230517141000.5e7461e.el9ost	RHEA-2023:4577
ansible-role-network-runner	0.3.4-2.el9ost	RHEA-2023:4577
ansible-role-openstack- operations	0.0.1- 1.20220727104216.2ab288f.el9ost	RHEA-2023:4577
ansible-role-qdr-config	0.0.2- 1.20220727104614.b456651.el9os t	RHEA-2023:4577
ansible-role-redhat-subscription	1.2.1- 1.20220818131818.eefe501.el9ost	RHEA-2023:4577
ansible-role-thales-hsm	3.0.1- 1.20220727104948.e0f4569.el9o st	RHEA-2023:4577
ansible-role-tripleo-modify- image	1.5.1- 1.20230211112201.b6eedb6.el9ost	RHEA-2023:4577
ansible-tripleo-ipa	0.3.1-1.20230519140960.el9ost	RHEA-2023:4577
ansible-tripleo-ipsec	11.0.1- 1.20220727105329.b5559c8.el9o st	RHEA-2023:4577
ansible-tripleo-powerflex	1.0.0- 0.20220708152658.8633fbd.el9o st	RHEA-2023:4577
bootswatch-common	3.3.7.0-15.el9ost	RHEA-2023:4577
bootswatch-fonts	3.3.7.0-15.el9ost	RHEA-2023:4577

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collectd	5.12.0-10.el9ost	RHEA-2023:4577
collectd-amqp	5.12.0-10.el9ost	RHEA-2023:4577
collectd-amqp1	5.12.0-10.el9ost	RHEA-2023:4577
collectd-apache	5.12.0-10.el9ost	RHEA-2023:4577
collectd-bind	5.12.0-10.el9ost	RHEA-2023:4577
collectd-ceph	5.12.0-10.el9ost	RHEA-2023:4577
collectd-chrony	5.12.0-10.el9ost	RHEA-2023:4577
collectd-connectivity	5.12.0-10.el9ost	RHEA-2023:4577
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collectd-disk	5.12.0-10.el9ost	RHEA-2023:4577
collectd-dns	5.12.0-10.el9ost	RHEA-2023:4577
collectd-hugepages	5.12.0-10.el9ost	RHEA-2023:4577
collectd-ipmi	5.12.0-10.el9ost	RHEA-2023:4577
collectd-libpod-stats	1.0.5-5.el9ost	RHEA-2023:4577
collectd-log_logstash	5.12.0-10.el9ost	RHEA-2023:4577
collectd-mcelog	5.12.0-10.el9ost	RHEA-2023:4577
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collectd-netlink	5.12.0-10.el9ost	RHEA-2023:4577
collectd-openldap	5.12.0-10.el9ost	RHEA-2023:4577
collectd-ovs-events	5.12.0-10.el9ost	RHEA-2023:4577
collectd-ovs-stats	5.12.0-10.el9ost	RHEA-2023:4577

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collectd-pcie-errors	5.12.0-10.el9ost	RHEA-2023:4577
collectd-ping	5.12.0-10.el9ost	RHEA-2023:4577
collectd-pmu	5.12.0-10.el9ost	RHEA-2023:4577
collectd-procevent	5.12.0-10.el9ost	RHEA-2023:4577
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collectd-sensors	5.12.0-10.el9ost	RHEA-2023:4577
collectd-sensubility	0.2.0-2.el9ost	RHEA-2023:4577
collectd-smart	5.12.0-10.el9ost	RHEA-2023:4577
collectd-snmp	5.12.0-10.el9ost	RHEA-2023:4577
collectd-snmp-agent	5.12.0-10.el9ost	RHEA-2023:4577
collectd-sysevent	5.12.0-10.el9ost	RHEA-2023:4577
collectd-turbostat	5.12.0-10.el9ost	RHEA-2023:4577
collectd-utils	5.12.0-10.el9ost	RHEA-2023:4577
collectd-virt	5.12.0-10.el9ost	RHEA-2023:4577
collectd-write_http	5.12.0-10.el9ost	RHEA-2023:4577
collectd-write_kafka	5.12.0-10.el9ost	RHEA-2023:4577
collectd-write_prometheus	5.12.0-10.el9ost	RHEA-2023:4577
cpp-hocon	0.3.0-5.el9ost	RHEA-2023:4577
crudini	0.9.3-4.el9ost	RHEA-2023:4577
dib-utils	0.0.11- 1.20220727110347.51661c3.el9ost	RHEA-2023:4577
dibbler-client	1.0.1-11.el9ost	RHEA-2023:4577

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dibbler-relay	1.0.1-11.el9ost	RHEA-2023:4577
dibbler-requestor	1.0.1-11.el9ost	RHEA-2023:4577
dibbler-server	1.0.1-11.el9ost	RHEA-2023:4577
diskimage-builder	3.29.1-1.20230424091024.ed9bdf8.el9ost	RHEA-2023:4577
dumb-init	1.2.5-2.el9ost	RHEA-2023:4577
elixir	1.11.3-1.el9ost	RHEA-2023:4577
erlang-asn1	24.3.4.2-2.el9ost	RHEA-2023:4577
erlang-compiler	24.3.4.2-2.el9ost	RHEA-2023:4577
erlang-crypto	24.3.4.2-2.el9ost	RHEA-2023:4577
erlang-eldap	24.3.4.2-2.el9ost	RHEA-2023:4577
erlang-erts	24.3.4.2-2.el9ost	RHEA-2023:4577
erlang-inets	24.3.4.2-2.el9ost	RHEA-2023:4577
erlang-kernel	24.3.4.2-2.el9ost	RHEA-2023:4577
erlang-mnesia	24.3.4.2-2.el9ost	RHEA-2023:4577
erlang-os_mon	24.3.4.2-2.el9ost	RHEA-2023:4577
erlang-parsetools	24.3.4.2-2.el9ost	RHEA-2023:4577
erlang-public_key	24.3.4.2-2.el9ost	RHEA-2023:4577
erlang-runtime_tools	24.3.4.2-2.el9ost	RHEA-2023:4577
erlang-sasl	24.3.4.2-2.el9ost	RHEA-2023:4577
erlang-snmp	24.3.4.2-2.el9ost	RHEA-2023:4577
erlang-ssl	24.3.4.2-2.el9ost	RHEA-2023:4577
erlang-stdlib	24.3.4.2-2.el9ost	RHEA-2023:4577

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erlang-syntax_tools	24.3.4.2-2.el9ost	RHEA-2023:4577
erlang-tools	24.3.4.2-2.el9ost	RHEA-2023:4577
erlang-xmerl	24.3.4.2-2.el9ost	RHEA-2023:4577
etcd	3.4.26-1.el9ost	RHEA-2023:4577
facter	3.14.19-1.el9ost	RHEA-2023:4577
fontawesome-fonts	4.7.0-13.el9ost	RHEA-2023:4577
fontawesome-fonts-web	4.7.0-13.el9ost	RHEA-2023:4577
gnocchi-api	4.4.3- 1.20230209190902.60c2b56.el9ost	RHEA-2023:4577
gnocchi-common	4.4.3- 1.20230209190902.60c2b56.el9ost	RHEA-2023:4577
gnocchi-metricd	4.4.3- 1.20230209190902.60c2b56.el9ost	RHEA-2023:4577
gnocchi-statsd	4.4.3- 1.20230209190902.60c2b56.el9ost	RHEA-2023:4577
golang-github-Sirupsen-logrus-devel	1.1.1-7.el9ost	RHEA-2023:4577
golang-github-davecgh-go-spew-devel	0-0.11.git6d21280.1.el9ost	RHEA-2023:4577
golang-github-go-ini-ini-devel	1.39.3-0.1.gitf55231c.el9ost.2	RHEA-2023:4577
golang-github-infracore-infracollector-devel	0.5-2.el9ost	RHEA-2023:4577
golang-github-pmezard-difflib-devel	1.0.0-6.el9ost	RHEA-2023:4577
golang-github-streadway-amqp-devel	0- 0.3.20190404git75d898a.el9ost.2	RHEA-2023:4577

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golang-github-stretchr-objx-devel	0-0.12.git1a9d0bb.1.el9ost.1	RHEA-2023:4577
golang-github-stretchr-testify-devel	1.2.2-3.el9ost.1	RHEA-2023:4577
golang-github-urfave-cli-devel	1.20.0-7.el9ost	RHEA-2023:4577
golang-github-vbatts-tar-split	0.11.1-9.el9ost	RHEA-2023:4577
golang-qpid-apache	0.33.0-2.el9ost	RHEA-2023:4577
golang-uber-atomic	1.5.1-1.el9ost	RHEA-2023:4577
golang-uber-multierr	1.5.0-1.el9ost	RHEA-2023:4577
golang-x-sys-devel	0-0.40.el9ost	RHEA-2023:4577
heat-cfntools	1.4.2-6.1.el9ost	RHEA-2023:4577
hiera	3.6.0-4.el9ost	RHEA-2023:4577
jevents	109-3.el9ost	RHEA-2023:4577
leatherman	1.12.6-3.el9ost	RHEA-2023:4577
libcollecteddclient	5.12.0-10.el9ost	RHEA-2023:4577
liberasurecode	1.6.1-3.el9ost	RHEA-2023:4577
liboping	1.10.0-10.el9ost	RHEA-2023:4577
libsodium	1.0.18-7.el9ost	RHEA-2023:4577
libunwind	1.4.0-5.el9ost	RHEA-2023:4577
libwebsockets	4.3.0-1.el9ost	RHEA-2023:4577
luajit	2.1.0-0.19beta3.el9ost	RHEA-2023:4577
mdi-common	1.6.50.2-4.el9ost	RHEA-2023:4577
mdi-fonts	1.6.50.2-4.el9ost	RHEA-2023:4577
ndisc6	1.0.3-9.el9ost	RHEA-2023:4577

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novnc	1.2.0-3.el9ost	RHEA-2023:4577
octavia-amphora-image-fips-x86_64	17.1-20230802.2.el9ost	RHEA-2023:4579
octavia-amphora-image-x86_64	17.1-20230802.2.el9ost	RHEA-2023:4579
openpgm	5.2.122-26.el9ost	RHEA-2023:4577
openstack-ansible-core	2.14.2-4.1.el9ost	RHEA-2023:4577
openstack-aodh-api	12.0.1-1.20221215060810.9ac090b.el9ost	RHEA-2023:4577
openstack-aodh-common	12.0.1-1.20221215060810.9ac090b.el9ost	RHEA-2023:4577
openstack-aodh-compatible	12.0.1-1.20221215060810.9ac090b.el9ost	RHEA-2023:4577
openstack-aodh-evaluator	12.0.1-1.20221215060810.9ac090b.el9ost	RHEA-2023:4577
openstack-aodh-expirer	12.0.1-1.20221215060810.9ac090b.el9ost	RHEA-2023:4577
openstack-aodh-listener	12.0.1-1.20221215060810.9ac090b.el9ost	RHEA-2023:4577
openstack-aodh-notifier	12.0.1-1.20221215060810.9ac090b.el9ost	RHEA-2023:4577
openstack-barbican	12.0.3-1.20230515181654.6ee5ad9.el9ost	RHEA-2023:4577
openstack-barbican-api	12.0.3-1.20230515181654.6ee5ad9.el9ost	RHEA-2023:4577

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openstack-barbican-common	12.0.3-1.20230515181654.6ee5ad9.el9ost	RHEA-2023:4577
openstack-barbican-keystone-listener	12.0.3-1.20230515181654.6ee5ad9.el9ost	RHEA-2023:4577
openstack-barbican-worker	12.0.3-1.20230515181654.6ee5ad9.el9ost	RHEA-2023:4577
openstack-ceilometer-central	16.0.2-1.20230428061013.7dbb69e.el9ost	RHEA-2023:4577
openstack-ceilometer-common	16.0.2-1.20230428061013.7dbb69e.el9ost	RHEA-2023:4577
openstack-ceilometer-compute	16.0.2-1.20230428061013.7dbb69e.el9ost	RHEA-2023:4577
openstack-ceilometer-ipmi	16.0.2-1.20230428061013.7dbb69e.el9ost	RHEA-2023:4577
openstack-ceilometer-notification	16.0.2-1.20230428061013.7dbb69e.el9ost	RHEA-2023:4577
openstack-ceilometer-polling	16.0.2-1.20230428061013.7dbb69e.el9ost	RHEA-2023:4577
openstack-cinder	18.2.2-1.20230518161042.36649bd.el9ost	RHEA-2023:4577
openstack-dashboard	19.4.1-1.20230513011020.e70464e.el9ost	RHEA-2023:4577
openstack-dashboard-theme	19.0.1-0.el9ost	RHEA-2023:4577

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openstack-designate-agent	12.1.1- 1.20230503161000.48c0609.el9 ost	RHEA-2023:4577
openstack-designate-api	12.1.1- 1.20230503161000.48c0609.el9 ost	RHEA-2023:4577
openstack-designate-central	12.1.1- 1.20230503161000.48c0609.el9 ost	RHEA-2023:4577
openstack-designate-common	12.1.1- 1.20230503161000.48c0609.el9 ost	RHEA-2023:4577
openstack-designate-mdns	12.1.1- 1.20230503161000.48c0609.el9 ost	RHEA-2023:4577
openstack-designate-producer	12.1.1- 1.20230503161000.48c0609.el9 ost	RHEA-2023:4577
openstack-designate-sink	12.1.1- 1.20230503161000.48c0609.el9 ost	RHEA-2023:4577
openstack-designate-ui	12.0.1- 1.20220910230720.aedd7ec.el9o st	RHEA-2023:4577
openstack-designate-worker	12.1.1- 1.20230503161000.48c0609.el9 ost	RHEA-2023:4577
openstack-glance	22.1.2- 1.20230310130836.883fc8a.el9os t	RHEA-2023:4577
openstack-heat-agents	2.2.1- 1.20220727150309.ed16cc7.el9os t	RHEA-2023:4577
openstack-heat-api	16.1.1- 1.20230416001030.2d5a87d.el9o st	RHEA-2023:4577

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openstack-heat-api-cfn	16.1.1-1.20230416001030.2d5a87d.el9ost	RHEA-2023:4577
openstack-heat-common	16.1.1-1.20230416001030.2d5a87d.el9ost	RHEA-2023:4577
openstack-heat-engine	16.1.1-1.20230416001030.2d5a87d.el9ost	RHEA-2023:4577
openstack-heat-monolith	16.1.1-1.20230416001030.2d5a87d.el9ost	RHEA-2023:4577
openstack-heat-ui	5.0.1-1.20221108231052.12d0927.el9ost	RHEA-2023:4577
openstack-ironic-api	17.1.1-1.20230128052013.el9ost	RHEA-2023:4577
openstack-ironic-common	17.1.1-1.20230128052013.el9ost	RHEA-2023:4577
openstack-ironic-conductor	17.1.1-1.20230128052013.el9ost	RHEA-2023:4577
openstack-ironic-inspector	10.6.3-1.20230128051724.9fef41d.el9ost	RHEA-2023:4577
openstack-ironic-inspector-dnsmasq	10.6.3-1.20230128051724.9fef41d.el9ost	RHEA-2023:4577
openstack-ironic-python-agent	7.1.1-1.20230503051000.e1813e1.el9ost	RHEA-2023:4577
openstack-ironic-python-agent-builder	2.8.0-1.20220727182711.e0b51e0.el9ost	RHEA-2023:4577
openstack-ironic-staging-drivers	0.15.1-1.20230408050901.6cd597f.el9ost	RHEA-2023:4577
openstack-ironic-ui	4.3.1-1.20220727151603.98f31e4.el9ost	RHEA-2023:4577
openstack-keystone	19.0.2-1.20221105181142.e4f8289.el9ost	RHEA-2023:4577

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openstack-manila	12.1.3-1.20230224120957.1274f07.el9ost	RHEA-2023:4577
openstack-manila-share	12.1.3-1.20230224120957.1274f07.el9ost	RHEA-2023:4577
openstack-manila-ui	5.1.1-1.20221130040825.db23e83.el9ost	RHEA-2023:4577
openstack-network-scripts	10.11.1-6.el9ost	RHEA-2023:4577
openstack-network-scripts-openvswitch3.1	10.11.1-6.el9ost	RHEA-2023:4577
openstack-neutron	18.6.1-1.20230518200971.el9ost	RHEA-2023:4577
openstack-neutron-bgp-dragent	18.1.1-1.20221108161121.1ba3fb1.el9ost	RHEA-2023:4577
openstack-neutron-bigswitch-agent	12.0.3-1.20221014011337.96cf540.el9ost	RHEA-2023:4577
openstack-neutron-common	18.6.1-1.20230518200971.el9ost	RHEA-2023:4577
openstack-neutron-dynamic-routing-common	18.1.1-1.20221108161121.1ba3fb1.el9ost	RHEA-2023:4577
openstack-neutron-l2gw-agent	18.0.0-1.20220727153805.37f190c.el9ost	RHEA-2023:4577
openstack-neutron-linuxbridge	18.6.1-1.20230518200971.el9ost	RHEA-2023:4577
openstack-neutron-macvtap-agent	18.6.1-1.20230518200971.el9ost	RHEA-2023:4577
openstack-neutron-metering-agent	18.6.1-1.20230518200971.el9ost	RHEA-2023:4577
openstack-neutron-ml2	18.6.1-1.20230518200971.el9ost	RHEA-2023:4577
openstack-neutron-openvswitch	18.6.1-1.20230518200971.el9ost	RHEA-2023:4577

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openstack-neutron-ovn-metadata-agent	18.6.1-1.20230518200971.el9ost	RHEA-2023:4577
openstack-neutron-ovn-migration-tool	18.6.1-1.20230518200971.el9ost	RHEA-2023:4577
openstack-neutron-rpc-server	18.6.1-1.20230518200971.el9ost	RHEA-2023:4577
openstack-neutron-sriov-nic-agent	18.6.1-1.20230518200971.el9ost	RHEA-2023:4577
openstack-nova	23.2.3-1.20230518170960.el9ost	RHEA-2023:4577
openstack-nova-api	23.2.3-1.20230518170960.el9ost	RHEA-2023:4577
openstack-nova-common	23.2.3-1.20230518170960.el9ost	RHEA-2023:4577
openstack-nova-compute	23.2.3-1.20230518170960.el9ost	RHEA-2023:4577
openstack-nova-conductor	23.2.3-1.20230518170960.el9ost	RHEA-2023:4577
openstack-nova-migration	23.2.3-1.20230518170960.el9ost	RHEA-2023:4577
openstack-nova-novncproxy	23.2.3-1.20230518170960.el9ost	RHEA-2023:4577
openstack-nova-scheduler	23.2.3-1.20230518170960.el9ost	RHEA-2023:4577
openstack-nova-serialproxy	23.2.3-1.20230518170960.el9ost	RHEA-2023:4577
openstack-nova-spicehtml5proxy	23.2.3-1.20230518170960.el9ost	RHEA-2023:4577
openstack-octavia-amphora-agent	8.0.2-1.20230502161604.99d7e2b.el9ost	RHEA-2023:4577
openstack-octavia-api	8.0.2-1.20230502161604.99d7e2b.el9ost	RHEA-2023:4577
openstack-octavia-common	8.0.2-1.20230502161604.99d7e2b.el9ost	RHEA-2023:4577
openstack-octavia-diskimage-create	8.0.2-1.20230502161604.99d7e2b.el9ost	RHEA-2023:4577

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openstack-octavia-health-manager	8.0.2-1.20230502161604.99d7e2b.el9ost	RHEA-2023:4577
openstack-octavia-housekeeping	8.0.2-1.20230502161604.99d7e2b.el9ost	RHEA-2023:4577
openstack-octavia-ui	7.0.2-1.20230323230826.994011a.el9ost	RHEA-2023:4577
openstack-octavia-worker	8.0.2-1.20230502161604.99d7e2b.el9ost	RHEA-2023:4577
openstack-placement-api	5.0.2-1.20221223080751.56d0f5b.el9ost	RHEA-2023:4577
openstack-placement-common	5.0.2-1.20221223080751.56d0f5b.el9ost	RHEA-2023:4577
openstack-selinux	0.8.37-1.20221215081212.34c2ecc.el9ost	RHEA-2023:4577
openstack-swift-account	2.27.1-1.20230418181116.f94f6a2.el9ost	RHEA-2023:4577
openstack-swift-container	2.27.1-1.20230418181116.f94f6a2.el9ost	RHEA-2023:4577
openstack-swift-object	2.27.1-1.20230418181116.f94f6a2.el9ost	RHEA-2023:4577
openstack-swift-proxy	2.27.1-1.20230418181116.f94f6a2.el9ost	RHEA-2023:4577
openstack-tempest	33.0.0-1.20230406160852.1580f6f.el9ost	RHEA-2023:4577
openstack-tempest-all	33.0.0-1.20230406160852.1580f6f.el9ost	RHEA-2023:4577
openstack-tripleo-common	15.4.1-1.20230518211054.el9ost	RHEA-2023:4577

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openstack-tripleo-common-container-base	15.4.1-1.20230518211054.el9ost	RHEA-2023:4577
openstack-tripleo-common-containers	15.4.1-1.20230518211054.el9ost	RHEA-2023:4577
openstack-tripleo-common-devtools	15.4.1-1.20230518211054.el9ost	RHEA-2023:4577
openstack-tripleo-heat-templates	14.3.1-1.20230519151020.el9ost	RHEA-2023:4577
openstack-tripleo-image-elements	13.1.3-1.20230322221017.a641940.el9ost	RHEA-2023:4577
openstack-tripleo-puppet-elements	14.1.3-1.20230221221303.23b0079.el9ost	RHEA-2023:4577
openstack-tripleo-validations	14.3.2-1.20230421031001.c768acb.el9ost	RHEA-2023:4577
os-apply-config	13.1.0-1.20220727112728.474068e.el9ost	RHEA-2023:4577
os-collect-config	13.1.0-1.20220727142450.3a7d05a.el9ost	RHEA-2023:4577
os-net-config	14.2.1-1.20230412012160.el9ost	RHEA-2023:4577
os-refresh-config	13.1.0-1.20220727112622.5bb536c.el9ost	RHEA-2023:4577
ovn-bgp-agent	0.4.1-1.20230512001005.el9ost	RHEA-2023:4577
pmu-data	109-3.el9ost	RHEA-2023:4577
pmu-tools	109-3.el9ost	RHEA-2023:4577
puppet	7.10.0-2.el9ost	RHEA-2023:4577
puppet-aodh	18.4.2-1.20230131221616.3e47b5a.el9ost	RHEA-2023:4577

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puppet-apache	6.5.2-0.20220708185123.e4a1532.el9ost	RHEA-2023:4577
puppet-archive	4.6.1-0.20220708125017.bc7e4ff.el9ost	RHEA-2023:4577
puppet-auditd	2.2.1-1.20220727113245.189b22b.el9ost	RHEA-2023:4577
puppet-barbican	18.4.2-1.20221108083811.af6c77b.el9ost	RHEA-2023:4577
puppet-ceilometer	18.4.3-1.20230505010953.5050368.el9ost	RHEA-2023:4577
puppet-certmonger	2.7.1-0.20220708130814.3e2e660.el9ost	RHEA-2023:4577
puppet-cinder	18.5.2-1.20230127000858.6aa60e7.el9ost	RHEA-2023:4577
puppet-collectd	13.0.1-1.20230413150957.ad138a7.el9ost	RHEA-2023:4577
puppet-concat	6.2.1-0.20220708124348.dfeabb9.el9ost	RHEA-2023:4577
puppet-corosync	8.0.1-0.20220708132338.6a9da9a.el9ost	RHEA-2023:4577
puppet-designate	18.6.1-1.20230131222245.f4c0b89.el9ost	RHEA-2023:4577
puppet-dns	8.2.1-1.20220727161138.70f5b28.el9ost	RHEA-2023:4577
puppet-etcd	1.12.3-0.20220708134753.e143c2d.el9ost	RHEA-2023:4577

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puppet-fdio	18.2- 1.20220727113954.6fd1c8e.el9ost	RHEA-2023:4577
puppet-firewall	3.4.1- 0.20220708230759.94f707c.el9ost	RHEA-2023:4577
puppet-git	0.5.0- 0.20220708135559.4e4498e.el9ost	RHEA-2023:4577
puppet-glance	18.6.1- 1.20230128000808.81b081d.el9ost	RHEA-2023:4577
puppet-gnocchi	18.4.3- 1.20230131220859.7584b94.el9ost	RHEA-2023:4577
puppet-haproxy	4.2.2- 0.20220708140119.a797b8c.el9ost	RHEA-2023:4577
puppet-headless	7.10.0-2.el9ost	RHEA-2023:4577
puppet-heat	18.4.1- 1.20230323231707.3b41bb0.el9ost	RHEA-2023:4577
puppet-horizon	18.6.1- 1.20230423021001.8074e69.el9ost	RHEA-2023:4577
puppet-inifile	4.2.1- 0.20220708124300.df46d2a.el9ost	RHEA-2023:4577
puppet-ipaclient	2.5.2- 0.20220708140214.b086731.el9ost	RHEA-2023:4577
puppet-ironic	18.7.1- 1.20230516021003.edf93f9.el9ost	RHEA-2023:4577
puppet-keepalived	0.0.2- 0.20220708140744.bbca37a.el9ost	RHEA-2023:4577

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puppet-keystone	18.6.1- 1.20230218001345.67ff287.el9ost	RHEA-2023:4577
puppet-kmod	2.5.0- 0.20220708132126.52e31e3.el9ost	RHEA-2023:4577
puppet-manila	18.5.2- 1.20230127001703.a72a7d5.el9ost	RHEA-2023:4577
puppet-memcached	6.0.0- 0.20220708130345.4c70dbd.el9ost	RHEA-2023:4577
puppet-module-data	0.5.1- 0.20220708141002.28dafce.el9ost	RHEA-2023:4577
puppet-mysql	10.6.1- 0.20220708235631.937d044.el9ost	RHEA-2023:4577
puppet-neutron	18.6.1-1.20221226003124.el9ost	RHEA-2023:4577
puppet-nova	18.6.1- 1.20221226002121.65b15ad.el9ost	RHEA-2023:4577
puppet-nssdb	1.0.2- 0.20220708131512.2ed2a2d.el9ost	RHEA-2023:4577
puppet-octavia	18.5.1- 1.20230131223407.842492c.el9ost	RHEA-2023:4577
puppet-openstack_extras	18.5.1- 1.20221108091707.504e1a0.el9ost	RHEA-2023:4577
puppet-openstacklib	18.5.2- 1.20221219231920.64d8ac6.el9ost	RHEA-2023:4577
puppet-oslo	18.5.1- 1.20221219231819.fe2a147.el9ost	RHEA-2023:4577
puppet-ovn	18.6.1- 1.20230413011101.7805f7e.el9ost	RHEA-2023:4577

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puppet-pacemaker	1.5.1- 1.20221226003830.7add073.el9ost	RHEA-2023:4577
puppet-placement	5.4.3- 1.20230131222430.e7557a5.el9ost	RHEA-2023:4577
puppet-qdr	7.4.1- 1.20220727114105.8a575de.el9ost	RHEA-2023:4577
puppet-rabbitmq	11.0.1- 1.20230428151021.63fee2c.el9ost	RHEA-2023:4577
puppet-redis	6.1.1- 0.20220708133131.547105e.el9ost	RHEA-2023:4577
puppet-remote	10.0.0- 0.20220708134022.7420908.el9ost	RHEA-2023:4577
puppet-rsync	1.1.4- 0.20220708190404.ea6397e.el9ost	RHEA-2023:4577
puppet-rsyslog	4.0.1- 1.20220727114715.2548a0d.el9ost	RHEA-2023:4577
puppet-snmp	3.9.1- 0.20220708142128.5d73485.el9ost	RHEA-2023:4577
puppet-ssh	6.2.1- 0.20220708131619.6e0f430.el9ost	RHEA-2023:4577
puppet-stdlib	6.3.1- 1.20220808112706.7c1ae25.el9ost	RHEA-2023:4577
puppet-swift	18.6.1- 1.20221219231232.f105ffc.el9ost	RHEA-2023:4577
puppet-sysctl	0.0.13- 0.20220708125726.847ec1c.el9ost	RHEA-2023:4577

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puppet-systemd	2.12.1-0.20220708133123.8f68b0d.el9ost	RHEA-2023:4577
puppet-tripleo	14.2.3-1.20230517011019.el9ost	RHEA-2023:4577
puppet-vcsrepo	3.1.1-0.20220708130257.a36ee18.el9ost	RHEA-2023:4577
puppet-vswitch	14.4.3-1.20221109011054.51e82ca.el9ost	RHEA-2023:4577
puppet-xinetd	3.3.1-0.20220708130858.8d460c4.el9ost	RHEA-2023:4577
python-openstackclient-lang	5.5.2-1.20230404121004.42d9b6e.el9ost	RHEA-2023:4577
python-oslo-cache-lang	2.7.1-1.20220727180101.d0252f6.el9ost	RHEA-2023:4577
python-oslo-concurrency-lang	4.4.0-1.20220727123028.7dcf9e9.el9ost	RHEA-2023:4577
python-oslo-db-lang	8.5.2-1.20221011023028.26fd6fb.el9ost	RHEA-2023:4577
python-oslo-i18n-lang	5.0.1-1.20220727101232.73187bd.el9ost	RHEA-2023:4577
python-oslo-log-lang	4.4.0-1.20220727124451.9b29c90.el9ost	RHEA-2023:4577
python-oslo-middleware-lang	4.2.1-1.20220727173907.b40ca5f.el9ost	RHEA-2023:4577
python-oslo-policy-lang	3.7.1-1.20220727162742.639b471.el9ost	RHEA-2023:4577

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python-oslo-privsep-lang	2.5.1-1.20230516120959.1634c00.el9ost	RHEA-2023:4577
python-oslo-utils-lang	4.8.2-1.20230201111008.a38b56a.el9ost	RHEA-2023:4577
python-oslo-versionedobjects-lang	2.4.1-1.20220727173339.89ff171.el9ost	RHEA-2023:4577
python-oslo-vmware-lang	3.8.2-1.20220810170822.dcl1a466.el9ost	RHEA-2023:4577
python-pycadf-common	3.1.1-1.20220727130556.4179996.el9ost	RHEA-2023:4577
python3-GitPython	3.1.14-1.el9ost	RHEA-2023:4577
python3-ImcSdk	0.9.6-2.el9ost	RHEA-2023:4577
python3-XStatic	1.0.1-23.el9ost	RHEA-2023:4577
python3-XStatic-Angular	1.5.8.0-15.el9ost	RHEA-2023:4577
python3-XStatic-Angular-Bootstrap	2.2.0.0-6.el9ost	RHEA-2023:4577
python3-XStatic-Angular-FileUpload	12.0.4.0-14.el9ost	RHEA-2023:4577
python3-XStatic-Angular-Gettext	2.3.8.0-2.el9ost	RHEA-2023:4577
python3-XStatic-Angular-Schema-Form	0.8.13.0-2.el9ost	RHEA-2023:4577
python3-XStatic-Angular-UUID	0.0.4.0-13.el9ost	RHEA-2023:4577
python3-XStatic-Angular-Vis	4.16.0.0-10.el9ost	RHEA-2023:4577
python3-XStatic-Angular-lrdragndrop	1.0.2.2-20.el9ost	RHEA-2023:4577
python3-XStatic-Bootstrap-Datepicker	1.3.1.0-20.el9ost	RHEA-2023:4577

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python3-XStatic-Bootstrap-SCSS	3.4.1.0-3.el9ost	RHEA-2023:4577
python3-XStatic-D3	3.5.17.0-14.el9ost	RHEA-2023:4577
python3-XStatic-FileSaver	1.3.2.0-10.el9ost	RHEA-2023:4577
python3-XStatic-Font-Awesome	4.7.0.0-6.el9ost	RHEA-2023:4577
python3-XStatic-Hogan	2.0.0.2-21.el9ost	RHEA-2023:4577
python3-XStatic-JQuery-Migrate	1.2.1.1-21.el9ost	RHEA-2023:4577
python3-XStatic-JQuery-TableSorter	2.14.5.1-21.el9ost	RHEA-2023:4577
python3-XStatic-JQuery-quicksearch	2.0.3.1-21.el9ost	RHEA-2023:4577
python3-XStatic-JS-Yaml	3.8.1.0-11.el9ost	RHEA-2023:4577
python3-XStatic-JSEncrypt	2.3.1.1-13.el9ost	RHEA-2023:4577
python3-XStatic-Jasmine	2.4.1.1-13.el9ost	RHEA-2023:4577
python3-XStatic-Json2yaml	0.1.1.0-10.el9ost	RHEA-2023:4577
python3-XStatic-Magic-Search	0.2.5.1-16.el9ost	RHEA-2023:4577
python3-XStatic-Rickshaw	1.5.0.0-23.el9ost	RHEA-2023:4577
python3-XStatic-Spin	1.2.5.2-22.el9ost	RHEA-2023:4577
python3-XStatic-bootstrap	3.3.7.0-15.el9ost	RHEA-2023:4577
python3-XStatic-jQuery	1.12.4.1-2.el9ost	RHEA-2023:4577
python3-XStatic-jquery-ui	1.12.0.1-13.el9ost	RHEA-2023:4577
python3-XStatic-mdi	1.6.50.2-4.el9ost	RHEA-2023:4577
python3-XStatic-objectpath	1.2.1.0-2.el9ost	RHEA-2023:4577
python3-XStatic-roboto-fontface	0.5.0.0-17.el9ost	RHEA-2023:4577

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python3-XStatic-smart-table	1.4.13.2-13.el9ost	RHEA-2023:4577
python3-XStatic-termjs	0.0.7.0-13.el9ost	RHEA-2023:4577
python3-XStatic-tv4	1.2.7.0-2.el9ost	RHEA-2023:4577
python3-adal	1.2.0-2.el9ost	RHEA-2023:4577
python3-amqp	5.0.6-2.el9ost	RHEA-2023:4577
python3-aniso8601	9.0.1-1.el9ost	RHEA-2023:4577
python3-ansible-runner	2.0.0a1-3.el9ost	RHEA-2023:4577
python3-anyjson	0.3.3-24.el9ost	RHEA-2023:4577
python3-aodh	12.0.1- 1.20221215060810.9ac090b.el9ost	RHEA-2023:4577
python3-aodhclient	2.2.0- 1.20221118091109.b747ae3.el9ost	RHEA-2023:4577
python3-automaton	2.3.1- 1.20220727174848.4a3e539.el9ost	RHEA-2023:4577
python3-barbican	12.0.3- 1.20230515181654.6ee5ad9.el9ost	RHEA-2023:4577
python3-barbican-tests-tempest	1.6.0-1.20230511090959.el9ost	RHEA-2023:4577
python3-barbicanclient	5.3.0- 1.20230509091028.ad49c40.el9ost	RHEA-2023:4577
python3-bcrypt	3.1.7-7.el9ost	RHEA-2023:4577
python3-beautifulsoup4	4.9.3-2.el9ost	RHEA-2023:4577
python3-boto	2.45.0-7.1.el9ost	RHEA-2023:4577
python3-boto3	1.17.66-1.el9ost	RHEA-2023:4577
python3-botocore	1.20.68-1.el9ost	RHEA-2023:4577

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python3-bson	3.10.1-5.el9ost	RHEA-2023:4577
python3-cachetools	4.2.2-1.el9ost	RHEA-2023:4577
python3-castellan	3.7.2- 1.20220727133818.3775cf4.el9ost	RHEA-2023:4577
python3-ceilometer	16.0.2- 1.20230428061013.7dbb69e.el9ost	RHEA-2023:4577
python3-ceilometerclient	2.9.0- 1.20220727133051.3b4e35a.el9ost	RHEA-2023:4577
python3-ceilometermiddleware	2.2.0- 1.20220727144046.caeeb51.el9ost	RHEA-2023:4577
python3-certifi	2020.12.5-2.el9ost	RHEA-2023:4577
python3-cinder	18.2.2- 1.20230518161042.36649bd.el9ost	RHEA-2023:4577
python3-cinder-common	18.2.2- 1.20230518161042.36649bd.el9ost	RHEA-2023:4577
python3-cinder-tests-tempest	1.8.0-1.20230304051243.el9ost	RHEA-2023:4577
python3-cinderclient	7.4.1- 1.20220727131518.4f72e6f.el9ost	RHEA-2023:4577
python3-click	6.7-8.el9ost	RHEA-2023:4577
python3-cliff	3.7.0- 1.20220727105718.117a100.el9ost	RHEA-2023:4577
python3-cmd2	1.4.0-2.el9ost	RHEA-2023:4577
python3-collectd-rabbitmq-monitoring	0.0.6-3.el9ost	RHEA-2023:4577
python3-colorama	0.4.4-2.el9ost	RHEA-2023:4577
python3-construct	2.10.67-1.el9ost	RHEA-2023:4577

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python3-contextlib2	0.6.0.post1-1.el9ost	RHEA-2023:4577
python3-cotyledon	1.7.3-4.el9ost	RHEA-2023:4577
python3-croniter	0.3.35-2.el9ost	RHEA-2023:4577
python3-cursive	0.2.2- 1.20220727135755.d7cea1f.el9ost	RHEA-2023:4577
python3-daemon	2.3.0-1.el9ost	RHEA-2023:4577
python3-daiquiri	1.5.0-10.el9ost	RHEA-2023:4577
python3-ddt	1.4.2-1.el9ost	RHEA-2023:4577
python3-debtcollector	2.2.0- 1.20220727101232.649189d.el9ost	RHEA-2023:4577
python3-defusedxml	0.7.1-1.el9ost	RHEA-2023:4577
python3-designate	12.1.1- 1.20230503161000.48c0609.el9ost	RHEA-2023:4577
python3-designate-tests-tempest	0.15.0- 1.20230211110815.e52be15.el9ost	RHEA-2023:4577
python3-designateclient	4.2.1- 1.20220727201540.7a8d156.el9ost	RHEA-2023:4577
python3-dictdiffer	0.8.1-6.el9ost	RHEA-2023:4577
python3-django	2.2.24-4.el9ost	RHEA-2023:4577
python3-django-appconf	1.0.3-5.el9ost	RHEA-2023:4577
python3-django-compressor	2.4-2.el9ost	RHEA-2023:4577
python3-django-debreach	2.0.1-1.el9ost	RHEA-2023:4577
python3-django-horizon	19.4.1- 1.20230513011020.e70464e.el9ost	RHEA-2023:4577
python3-django-pyscss	2.0.2-18.el9ost	RHEA-2023:4577

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python3-docutils	0.16-6.el9ost	RHEA-2023:4577
python3-dogpile-cache	1.1.5-3.el9ost	RHEA-2023:4577
python3-dracclient	6.0.2- 1.20220727161658.f23f125.el9ost	RHEA-2023:4577
python3-edgegrid	1.1.1-10.el9ost	RHEA-2023:4577
python3-etcd3gw	0.2.6-2.el9ost	RHEA-2023:4577
python3-eventlet	0.30.2-1.el9ost	RHEA-2023:4577
python3-extras	1.0.0-15.el9ost	RHEA-2023:4577
python3-fasteners	0.14.1-24.el9ost	RHEA-2023:4577
python3-fixtures	3.0.0-22.el9ost	RHEA-2023:4577
python3-flake8	3.8.4-1.el9ost	RHEA-2023:4577
python3-flask	1.1.2-6.el9ost	RHEA-2023:4577
python3-flask-restful	0.3.8-5.el9ost	RHEA-2023:4577
python3-future	0.18.2-9.el9ost	RHEA-2023:4577
python3-futurist	2.3.0- 1.20220727110826.1alc6f8.el9ost	RHEA-2023:4577
python3-gabbi	2.4.0-1.el9ost	RHEA-2023:4577
python3-gevent	21.1.2-1.el9ost	RHEA-2023:4577
python3-gitdb	4.0.5-2.el9ost	RHEA-2023:4577
python3-glance	22.1.2- 1.20230310130836.883fc8a.el9ost	RHEA-2023:4577
python3-glance-store	2.5.1- 1.20230515171001.5f1cee6.el9ost	RHEA-2023:4577
python3-glance-tests-tempest	0.4.0- 1.20230608131140.87df2f4.el9ost	RHEA-2023:4577

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python3-glanceclient	3.3.0-1.20221115171215.f802c71.el9ost	RHEA-2023:4577
python3-gnocchi	4.4.3-1.20230209190902.60c2b56.el9ost	RHEA-2023:4577
python3-gnocchiclient	7.0.7-0.20220709012622.cad2c27.el9ost	RHEA-2023:4577
python3-google-auth	1.30.0-1.el9ost	RHEA-2023:4577
python3-gunicorn	20.0.4-5.el9ost	RHEA-2023:4577
python3-h11	0.12.0-2.el9ost	RHEA-2023:4577
python3-h2	4.0.0-3.1.el9ost	RHEA-2023:4577
python3-hardware	0.30.1-1.20230501080952.af076d3.el9ost	RHEA-2023:4577
python3-hardware-detect	0.30.1-1.20230501080952.af076d3.el9ost	RHEA-2023:4577
python3-heat-agent	2.2.1-1.20220727150309.ed16cc7.el9ost	RHEA-2023:4577
python3-heat-agent-ansible	2.2.1-1.20220727150309.ed16cc7.el9ost	RHEA-2023:4577
python3-heat-agent-apply-config	2.2.1-1.20220727150309.ed16cc7.el9ost	RHEA-2023:4577
python3-heat-agent-docker-cmd	2.2.1-1.20220727150309.ed16cc7.el9ost	RHEA-2023:4577
python3-heat-agent-hiera	2.2.1-1.20220727150309.ed16cc7.el9ost	RHEA-2023:4577

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python3-heat-agent-json-file	2.2.1- 1.20220727150309.ed16cc7.el9ost	RHEA-2023:4577
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python3-hpack	4.0.0-3.el9ost	RHEA-2023:4577
python3-httpcore	0.12.3-1.el9ost	RHEA-2023:4577
python3-httplib2	0.13.1-2.el9ost	RHEA-2023:4577
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python3-hyperframe	6.0.0-3.el9ost	RHEA-2023:4577
python3-ifaddr	0.1.7-3.el9ost	RHEA-2023:4577
python3-importlib-metadata	1.7.0-1.el9ost	RHEA-2023:4577
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python3-ironic-lib	4.6.4- 1.20220818140736.27305f0.el9ost	RHEA-2023:4577
python3-ironic-neutron-agent	4.0.1- 1.20220728013631.3ce076d.el9ost	RHEA-2023:4577
python3-ironic-python-agent	7.1.1- 1.20230503051000.e1813e1.el9ost	RHEA-2023:4577

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python3-ironicclient	4.6.4-1.20221027060745.09b78fa.el9ost	RHEA-2023:4577
python3-iso8601	0.1.12-3.el9ost	RHEA-2023:4577
python3-itsdangerous	1.1.0-4.el9ost	RHEA-2023:4577
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python3-json-logger	0.1.7-15.el9ost	RHEA-2023:4577
python3-jsonpath-rw	1.4.0-4.el9ost	RHEA-2023:4577
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python3-kazoo	2.8.0-2.el9ost	RHEA-2023:4577
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python3-keyring	21.8.0-2.el9ost	RHEA-2023:4577
python3-keystone	19.0.2-1.20221105181142.e4f8289.el9ost	RHEA-2023:4577
python3-keystone-tests-tempest	0.8.1-1.20220727162732.f57af91.el9ost	RHEA-2023:4577
python3-keystoneauth1	4.4.0-1.20220727120523.112bcae.el9ost	RHEA-2023:4577
python3-keystoneclient	4.3.0-1.20220727214928.d5cb761.el9ost	RHEA-2023:4577

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python3-kombu	5.0.2-1.el9ost	RHEA-2023:4577
python3-kubernetes	8.0.0-6.el9ost	RHEA-2023:4577
python3-ldap3	2.8.1-2.el9ost	RHEA-2023:4577
python3-ldappool	2.4.0-2.el9ost	RHEA-2023:4577
python3-lesscpy	0.13.0-9.el9ost	RHEA-2023:4577
python3-lockfile	0.12.2-2.el9ost	RHEA-2023:4577
python3-logutils	0.3.5-15.el9ost	RHEA-2023:4577
python3-lz4	3.0.2-5.el9ost	RHEA-2023:4577
python3-magnumclient	3.4.1-1.20230105110844.280acd2.el9ost	RHEA-2023:4577
python3-manila	12.1.3-1.20230224120957.1274f07.el9ost	RHEA-2023:4577
python3-manila-tests-tempest	19.0-1.20230518200958.386c04b.el9ost	RHEA-2023:4577
python3-manilaclient	2.6.4-1.20220727212635.7f7d7d3.el9ost	RHEA-2023:4577
python3-mccabe	0.6.1-18.el9ost	RHEA-2023:4577
python3-memcached	1.59-3.el9ost	RHEA-2023:4577
python3-metalsmith	1.4.4-1.20230517141000.5e7461e.el9ost	RHEA-2023:4577
python3-microversion-parse	1.0.1-1.20220727112001.2c36df6.el9ost	RHEA-2023:4577

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python3-migrate	0.13.0-1.el9ost	RHEA-2023:4577
python3-mimeparse	1.6.0-16.el9ost	RHEA-2023:4577
python3-mistralclient	4.2.0-1.20220727140129.20a10f0.el9ost	RHEA-2023:4577
python3-mock	3.0.5-14.el9ost	RHEA-2023:4577
python3-monascaclient	2.1.0-1.el9ost	RHEA-2023:4577
python3-monotonic	1.5-9.el9ost	RHEA-2023:4577
python3-more-itertools	7.2.0-3.el9ost	RHEA-2023:4577
python3-msgpack	1.0.2-2.el9ost	RHEA-2023:4577
python3-munch	2.5.0-4.el9ost	RHEA-2023:4577
python3-natsort	7.1.1-2.el9ost	RHEA-2023:4577
python3-ndg_httpsclient	0.5.1-9.el9ost	RHEA-2023:4577
python3-network-runner	0.3.4-2.el9ost	RHEA-2023:4577
python3-networking-ansible	5.0.1-1.20220727152720.b82d349.el9ost	RHEA-2023:4577
python3-networking-baremetal	4.0.1-1.20220728013631.3ce076d.el9ost	RHEA-2023:4577
python3-networking-bgpvpn	14.0.1-1.20220727155723.188121a.el9ost	RHEA-2023:4577
python3-networking-bgpvpn-dashboard	14.0.1-1.20220727155723.188121a.el9ost	RHEA-2023:4577
python3-networking-bgpvpn-heat	14.0.1-1.20220727155723.188121a.el9ost	RHEA-2023:4577
python3-networking-bigswitch	12.0.3-1.20221014011337.96cf540.el9ost	RHEA-2023:4577

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python3-networking-l2gw	18.0.0-1.20220727153805.37f190c.el9ost	RHEA-2023:4577
python3-networking-l2gw-tests-tempest	0.1.1-1.20220727154321.82e3d07.el9ost	RHEA-2023:4577
python3-neutron	18.6.1-1.20230518200971.el9ost	RHEA-2023:4577
python3-neutron-dynamic-routing	18.1.1-1.20221108161121.1ba3fb1.el9ost	RHEA-2023:4577
python3-neutron-lib	2.10.2-1.20230510080958.el9ost	RHEA-2023:4577
python3-neutron-lib-tests	2.10.2-1.20230510080958.el9ost	RHEA-2023:4577
python3-neutron-tests-tempest	2.1.0-1.20230508090954.el9ost	RHEA-2023:4577
python3-neutronclient	7.3.1-1.20221110061234.29a9f5e.el9ost	RHEA-2023:4577
python3-nova	23.2.3-1.20230518170960.el9ost	RHEA-2023:4577
python3-novaclient	17.4.1-1.20220917060716.5ee4427.el9ost	RHEA-2023:4577
python3-novajoin	1.3.0-1.20220727144810.265146e.el9ost	RHEA-2023:4577
python3-novajoin-tests-tempest	0.0.4-1.20220727154630.468b968.el9ost	RHEA-2023:4577
python3-octavia	8.0.2-1.20230502161604.99d7e2b.el9ost	RHEA-2023:4577
python3-octavia-lib	2.3.1-1.20220727143945.3208f7f.el9ost	RHEA-2023:4577
python3-octavia-tests-tempest	1.9.0-1.20230509101017.el9ost	RHEA-2023:4577

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python3-octavia-tests-tempest-golang	1.9.0-1.20230509101017.el9ost	RHEA-2023:4577
python3-octaviaclient	2.3.1-1.20220727132450.51347bc.el9ost	RHEA-2023:4577
python3-openshift	0.8.1-1.el9ost	RHEA-2023:4577
python3-openstackclient	5.5.2-1.20230404121004.42d9b6e.el9ost	RHEA-2023:4577
python3-openstacksdk	0.55.1-1.20220727183533.f09ed4a.el9ost	RHEA-2023:4577
python3-os-brick	4.3.4-1.20230519133330.cf69f92.el9ost	RHEA-2023:4577
python3-os-client-config	2.1.0-1.20220727121556.bc96c23.el9ost	RHEA-2023:4577
python3-os-ken	1.4.1-1.20220727164145.018d755.el9ost	RHEA-2023:4577
python3-os-resource-classes	1.0.0-1.20220727143221.3dd3506.el9ost	RHEA-2023:4577
python3-os-service-types	1.7.0-1.20220727115532.0b2f473.el9ost	RHEA-2023:4577
python3-os-testr	2.0.0-1.20220727111111.248dc81.el9ost	RHEA-2023:4577
python3-os-traits	2.5.0-1.20220727140759.ac1b39e.el9ost	RHEA-2023:4577
python3-os-vif	2.4.1-1.20221116071131.el9ost	RHEA-2023:4577
python3-os-win	5.4.0-1.20220727134712.cce95b4.el9ost	RHEA-2023:4577

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python3-os-xenapi	0.3.4- 1.20220727134446.12c68d0.el9os t	RHEA-2023:4577
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python3-osc-placement	2.2.0- 1.20220727145337.f7640c9.el9os t	RHEA-2023:4577
python3-oslo-cache	2.7.1- 1.20220727180101.d0252f6.el9ost	RHEA-2023:4577
python3-oslo-concurrency	4.4.0- 1.20220727123028.7dcf9e9.el9os t	RHEA-2023:4577
python3-oslo-config	8.5.1- 1.20220727120157.de1dbee.el9ost	RHEA-2023:4577
python3-oslo-context	3.2.1- 1.20220727123754.b124eb7.el9os t	RHEA-2023:4577
python3-oslo-db	8.5.2- 1.20221011023028.26fd6fb.el9ost	RHEA-2023:4577
python3-oslo-i18n	5.0.1- 1.20220727101232.73187bd.el9ost	RHEA-2023:4577
python3-oslo-log	4.4.0- 1.20220727124451.9b29c90.el9os t	RHEA-2023:4577
python3-oslo-messaging	12.7.3- 1.20221212170855.5d6fd1a.el9ost	RHEA-2023:4577
python3-oslo-middleware	4.2.1- 1.20220727173907.b40ca5f.el9os t	RHEA-2023:4577
python3-oslo-policy	3.7.1- 1.20220727162742.639b471.el9os t	RHEA-2023:4577

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python3-oslo-privsep	2.5.1- 1.20230516120959.1634c00.el9ost	RHEA-2023:4577
python3-oslo-reports	2.2.0- 1.20220727125601.bc631ae.el9ost	RHEA-2023:4577
python3-oslo-rootwrap	6.3.1- 1.20220727175431.1b1b960.el9ost	RHEA-2023:4577
python3-oslo-serialization	4.1.1- 1.20220727174213.bbe5d5a.el9ost	RHEA-2023:4577
python3-oslo-service	2.5.1- 1.20220727163421.c1e3398.el9ost	RHEA-2023:4577
python3-oslo-upgradecheck	1.3.1- 1.20220727173232.9561ecb.el9ost	RHEA-2023:4577
python3-oslo-utils	4.8.2- 1.20230201111008.a38b56a.el9ost	RHEA-2023:4577
python3-oslo-versionedobjects	2.4.1- 1.20220727173339.89ff171.el9ost	RHEA-2023:4577
python3-oslo-vmware	3.8.2- 1.20220810170822.dcl1a466.el9ost	RHEA-2023:4577
python3-oslotest	4.4.1- 1.20220727115023.aaf3a72.el9ost	RHEA-2023:4577
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python3-ovirt-engine-sdk4	4.4.15-1.el9ost	RHEA-2023:4577
python3-ovn-octavia-provider	1.0.3- 1.20230506160959.ac141a7.el9ost	RHEA-2023:4577
python3-ovsdbapp	1.9.4- 1.20221108161154.65d02f0.el9ost	RHEA-2023:4577
python3-paramiko	2.11.0-1.el9ost	RHEA-2023:4577

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python3-pbr	5.5.1-2.el9ost	RHEA-2023:4577
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python3-placement	5.0.2- 1.20221223080751.56d0f5b.el9ost	RHEA-2023:4577
python3-posix_ipc	0.9.8-20.el9ost	RHEA-2023:4577
python3-proliantutils	2.9.4- 0.20220708170738.5bc7569.el9ost	RHEA-2023:4577
python3-pyOpenSSL	20.0.1-2.el9ost	RHEA-2023:4577
python3-pycadf	3.1.1- 1.20220727130556.4179996.el9ost	RHEA-2023:4577
python3-pycodestyle	2.6.0-4.el9ost	RHEA-2023:4577
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python3-pyflakes	2.2.0-3.el9ost	RHEA-2023:4577
python3-pymemcache	3.5.0-1.el9ost	RHEA-2023:4577
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python3-pyperclip	1.8.0-3.el9ost	RHEA-2023:4577
python3-pyrabbit2	1.0.6-2.el9ost	RHEA-2023:4577
python3-pyroute2	0.6.6-1.el9ost	RHEA-2023:4577
python3-pysaml2	6.1.0-2.el9ost	RHEA-2023:4577
python3-pysendfile	2.0.1-15.el9ost	RHEA-2023:4577
python3-pysnmp	4.4.12-6.el9ost	RHEA-2023:4577
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python3-pytimeparse	1.1.8-8.el9ost	RHEA-2023:4577
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python3-qpid-proton	0.34.0-1.el9ost	RHEA-2023:4577
python3-rcssmin	1.0.6-22.el9ost	RHEA-2023:4577
python3-redis	3.5.3-2.el9ost	RHEA-2023:4577
python3-repoze-lru	0.7-10.el9ost	RHEA-2023:4577
python3-requests-kerberos	0.12.0-12.el9ost	RHEA-2023:4577
python3-requestsexceptions	1.4.0- 1.20220727101907.d7ac0ff.el9ost	RHEA-2023:4577
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python3-rsdclient	1.0.2- 1.20220727150002.d1a515e.el9ost	RHEA-2023:4577
python3-ruamel-yaml	0.16.5-3.el9ost	RHEA-2023:4577
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python3-s3transfer	0.4.2-1.el9ost	RHEA-2023:4577
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python3-scciclient	0.10.2- 1.20220805051220.b8e6e34.el9ost	RHEA-2023:4577
python3-scrypt	0.8.0-15.el9ost	RHEA-2023:4577
python3-scssh	1.3.7-4.el9ost	RHEA-2023:4577
python3-secretstorage	3.3.1-1.el9ost	RHEA-2023:4577
python3-semantic_version	2.8.4-6.el9ost	RHEA-2023:4577
python3-setproctitle	1.2.2-1.el9ost	RHEA-2023:4577
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python3-simplegeneric	0.8.1-21.el9ost	RHEA-2023:4577
python3-simplejson	3.17.2-4.el9ost	RHEA-2023:4577
python3-smi	0.3.4-10.el9ost	RHEA-2023:4577
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python3-sqlalchemy-collectd	0.0.6-2.el9ost	RHEA-2023:4577
python3-sqlalchemy-utils	0.34.2-2.el9ost	RHEA-2023:4577
python3-sqlalchemy13	1.3.24-3.el9ost	RHEA-2023:4577
python3-sqlparse	0.4.1-1.el9ost	RHEA-2023:4577
python3-statsd	3.2.1-16.el9ost	RHEA-2023:4577
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python3-stevedore	3.3.3- 1.20221025061318.7b48fff.el9ost	RHEA-2023:4577
python3-string_utils	1.0.0-4.el9ost	RHEA-2023:4577
python3-subunit	1.4.0-6.el9ost	RHEA-2023:4577
python3-suds	0.8.4-5.el9ost	RHEA-2023:4577
python3-sushy	3.7.6- 1.20230118170856.9b3cf44.el9ost	RHEA-2023:4577
python3-sushy-oem-idrac	2.1.2- 1.20220727185650.bf615f2.el9ost	RHEA-2023:4577
python3-swift	2.27.1- 1.20230418181116.f94f6a2.el9ost	RHEA-2023:4577
python3-swiftclient	3.11.1- 1.20220727122947.06b36ae.el9ost	RHEA-2023:4577
python3-sysv_ipc	1.0.1-2.el9ost	RHEA-2023:4577
python3-tabulate	0.8.7-5.el9ost	RHEA-2023:4577
python3-taskflow	4.6.0- 1.20220727135357.0f7c6e9.el9ost	RHEA-2023:4577

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python3-telemetry-tests-tempest	1.3.0-1.20220727155408.6d8e8eb.el9ost	RHEA-2023:4577
python3-tempest	33.0.0-1.20230406160852.1580f6f.el9ost	RHEA-2023:4577
python3-tempest-tests	33.0.0-1.20230406160852.1580f6f.el9ost	RHEA-2023:4577
python3-tempestconf	3.3.1-1.20221216130855.29cc500.el9ost	RHEA-2023:4577
python3-tempita	0.5.1-25.el9ost	RHEA-2023:4577
python3-tenacity	6.3.1-1.el9ost	RHEA-2023:4577
python3-testscenarios	0.5.0-17.el9ost	RHEA-2023:4577
python3-testtools	2.4.0-8.el9ost	RHEA-2023:4577
python3-tinyrpc	1.0.3-5.el9ost	RHEA-2023:4577
python3-tooz	2.8.3-1.20220810162028.73dbe0e.el9ost	RHEA-2023:4577
python3-tripleo-common	15.4.1-1.20230518211054.el9ost	RHEA-2023:4577
python3-tripleoclient	16.5.1-1.20230505010954.el9ost	RHEA-2023:4577
python3-trollius	2.1-14.el9ost	RHEA-2023:4577
python3-troveclient	7.0.0-1.20220727140431.c7319d8.el9ost	RHEA-2023:4577
python3-ujson	4.0.2-1.el9ost	RHEA-2023:4577
python3-validations-lib	1.9.1-1.20230421020958.7213419.el9ost	RHEA-2023:4577
python3-versiontools	1.9.1-9.el9ost	RHEA-2023:4577

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python3-vine	5.0.0-3.el9ost	RHEA-2023:4577
python3-voluptuous	0.12.1-2.el9ost	RHEA-2023:4577
python3-waitress	2.0.0-3.el9ost	RHEA-2023:4577
python3-warlock	1.3.3-5.el9ost	RHEA-2023:4577
python3-webob	1.8.7-1.el9ost	RHEA-2023:4577
python3-websocket-client	0.57.0-2.el9ost	RHEA-2023:4577
python3-websockify	0.10.0-1.el9ost	RHEA-2023:4577
python3-webtest	2.0.35-6.el9ost	RHEA-2023:4577
python3-werkzeug	2.0.1-5.el9ost	RHEA-2023:4577
python3-wrapt	1.12.1-4.el9ost	RHEA-2023:4577
python3-wsgi_intercept	1.9.2-4.el9ost	RHEA-2023:4577
python3-wsme	0.10.1- 1.20220727160500.63fe135.el9ost	RHEA-2023:4577
python3-yappi	1.3.1-2.el9ost	RHEA-2023:4577
python3-yaql	1.1.3-3.el9ost	RHEA-2023:4577
python3-zake	0.2.2-22.1.el9ost	RHEA-2023:4577
python3-zaqarclient	2.3.0- 1.20220727134149.e388947.el9ost	RHEA-2023:4577
python3-zeroconf	0.29.0-1.el9ost	RHEA-2023:4577
python3-zipp	3.4.0-1.el9ost	RHEA-2023:4577
python3-zmq	22.0.3-1.el9ost	RHEA-2023:4577
python3-zope-event	4.2.0-20.el9ost	RHEA-2023:4577
python3-zope-interface	5.4.0-1.el9ost	RHEA-2023:4577

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python3-zstd	1.4.5.1-1.el9ost	RHEA-2023:4577
qpid-dispatch-router	1.19.0-3.1.el9ost	RHEA-2023:4577
qpid-dispatch-tools	1.19.0-3.1.el9ost	RHEA-2023:4577
qpid-proton-c	0.34.0-1.el9ost	RHEA-2023:4577
qpid-proton-c-devel	0.34.0-1.el9ost	RHEA-2023:4577
rabbitmq-server	3.9.10-2.el9ost	RHEA-2023:4577
rhosp-director-images	17.1-20230802.2.el9ost	RHEA-2023:4579
rhosp-director-images-all	17.1-20230802.2.el9ost	RHEA-2023:4579
rhosp-director-images-base	17.1-20230802.2.el9ost	RHEA-2023:4579
rhosp-director-images-fips-x86_64	17.1-20230802.2.el9ost	RHEA-2023:4579
rhosp-director-images-ipa-fips-x86_64	17.1-20230802.2.el9ost	RHEA-2023:4579
rhosp-director-images-ipa-x86_64	17.1-20230802.2.el9ost	RHEA-2023:4579
rhosp-director-images-metadata	17.1-20230802.2.el9ost	RHEA-2023:4579
rhosp-director-images-minimal	17.1-20230802.2.el9ost	RHEA-2023:4579
rhosp-director-images-minimal-fips	17.1-20230802.2.el9ost	RHEA-2023:4579
rhosp-director-images-multirhel-x86_64	17.1-20230802.2.el9ost	RHEA-2023:4579
rhosp-director-images-uefi-fips-x86_64	17.1-20230802.2.el9ost	RHEA-2023:4579
rhosp-director-images-uefi-x86_64	17.1-20230802.2.el9ost	RHEA-2023:4579
rhosp-director-images-x86_64	17.1-20230802.2.el9ost	RHEA-2023:4579

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rhosp-network-scripts-openvswitch	3.1-2.el9ost	RHEA-2023:4577
rhosp-openvswitch	3.1-2.el9ost	RHEA-2023:4577
rhosp-ovn-22.12-2.el9ost.noarch.rpm	3.1-2.el9ost	RHEA-2023:4577
rhosp-ovn-central-22.12-2.el9ost.noarch.rpm	3.1-2.el9ost	RHEA-2023:4577
rhosp-ovn-host-22.12-2.el9ost.noarch.rpm	3.1-2.el9ost	RHEA-2023:4577
rhosp-ovn-vtep-22.12-2.el9ost.noarch.rpm	3.1-2.el9ost	RHEA-2023:4577
rhosp-release	17.1.0-1.el9ost	RHEA-2023:4577
roboto-fontface-common	0.5.0.0-17.el9ost	RHEA-2023:4577
roboto-fontface-fonts	0.5.0.0-17.el9ost	RHEA-2023:4577
ruby-augeas	0.5.0-27.el9ost	RHEA-2023:4577
ruby-facter	3.14.19-1.el9ost	RHEA-2023:4577
rubygem-concurrent-ruby	1.1.5-2.el9ost	RHEA-2023:4577
rubygem-deep_merge	1.2.1-7.el9ost	RHEA-2023:4577
rubygem-diff-lcs	1.2.5-7.el9ost	RHEA-2023:4577
rubygem-fast_gettext	1.2.0-9.el9ost	RHEA-2023:4577
rubygem-hocon	1.3.1-2.el9ost	RHEA-2023:4577
rubygem-multi_json	1.15.0-2.el9ost	RHEA-2023:4577
rubygem-puppet-resource_api	1.8.13-1.el9ost	RHEA-2023:4577
rubygem-ruby-shadow	2.5.0-15.el9ost	RHEA-2023:4577
rubygem-semantic_puppet	1.0.4-2.el9ost	RHEA-2023:4577

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rubygem-set	1.0.1-1.el9ost	RHEA-2023:4577
subunit-filters	1.4.0-6.el9ost	RHEA-2023:4577
sysbench	1.0.20-5.1.el9ost	RHEA-2023:4577
tripleo-ansible	3.3.1-1.20230518201535.el9ost	RHEA-2023:4577
tripleo-operator-ansible	0.9.1- 1.20230505011819.e1abb34.el9ost	RHEA-2023:4577
validations-common	1.9.1- 1.20230406020852.e96c169.el9ost	RHEA-2023:4577
xstatic-angular-bootstrap-common	2.2.0.0-6.el9ost	RHEA-2023:4577
xstatic-angular-fileupload-common	12.0.4.0-14.el9ost	RHEA-2023:4577
xstatic-angular-gettext-common	2.3.8.0-2.el9ost	RHEA-2023:4577
xstatic-angular-lrdragndrop-common	1.0.2.2-20.el9ost	RHEA-2023:4577
xstatic-angular-schema-form-common	0.8.13.0-2.el9ost	RHEA-2023:4577
xstatic-angular-uuid-common	0.0.4.0-13.el9ost	RHEA-2023:4577
xstatic-angular-vis-common	4.16.0.0-10.el9ost	RHEA-2023:4577
xstatic-bootstrap-datepicker-common	1.3.1.0-20.el9ost	RHEA-2023:4577
xstatic-bootstrap-scss-common	3.4.1.0-3.el9ost	RHEA-2023:4577
xstatic-d3-common	3.5.17.0-14.el9ost	RHEA-2023:4577
xstatic-filesaver-common	1.3.2.0-10.el9ost	RHEA-2023:4577
xstatic-hogan-common	2.0.0.2-21.el9ost	RHEA-2023:4577
xstatic-jasmine-common	2.4.1.1-13.el9ost	RHEA-2023:4577

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xstatic-jquery-migrate-common	1.2.1.1-21.el9ost	RHEA-2023:4577
xstatic-jquery-quicksearch-common	2.0.3.1-21.el9ost	RHEA-2023:4577
xstatic-jquery-tablesorter-common	2.14.5.1-21.el9ost	RHEA-2023:4577
xstatic-jquery-ui-common	1.12.0.1-13.el9ost	RHEA-2023:4577
xstatic-js-yaml-common	3.8.1.0-11.el9ost	RHEA-2023:4577
xstatic-jsencrypt-common	2.3.1.1-13.el9ost	RHEA-2023:4577
xstatic-json2yaml-common	0.1.1.0-10.el9ost	RHEA-2023:4577
xstatic-objectpath-common	1.2.1.0-2.el9ost	RHEA-2023:4577
xstatic-rickshaw-common	1.5.0.0-23.el9ost	RHEA-2023:4577
xstatic-smart-table-common	1.4.13.2-13.el9ost	RHEA-2023:4577
xstatic-spin-common	1.2.5.2-22.el9ost	RHEA-2023:4577
xstatic-termjs-common	0.0.7.0-13.el9ost	RHEA-2023:4577
xstatic-tv4-common	1.2.7.0-2.el9ost	RHEA-2023:4577
yaml-cpp	0.6.3-4.el9ost	RHEA-2023:4577
zeromq	4.3.4-1.el9ost	RHEA-2023:4577