



# **Red Hat Enterprise Linux OpenStack Platform 7 Package Manifest**

---

Package Listing for Red Hat Enterprise Linux OpenStack Platform 7

OpenStack Documentation TeamRed Hat



# Red Hat Enterprise Linux OpenStack Platform 7 Package Manifest

---

## Package Listing for Red Hat Enterprise Linux OpenStack Platform 7

OpenStack Documentation Team  
Red Hat Customer Content Services  
[rhos-docs@redhat.com](mailto:rhos-docs@redhat.com)

## Legal Notice

Copyright © 2015 Red Hat, Inc..

The text of and illustrations in this document are licensed by Red Hat under a Creative Commons Attribution–Share Alike 3.0 Unported license ("CC-BY-SA"). An explanation of CC-BY-SA is available at

<http://creativecommons.org/licenses/by-sa/3.0/>

. In accordance with CC-BY-SA, if you distribute this document or an adaptation of it, you must provide the URL for the original version.

Red Hat, as the licensor of this document, waives the right to enforce, and agrees not to assert, Section 4d of CC-BY-SA to the fullest extent permitted by applicable law.

Red Hat, Red Hat Enterprise Linux, the Shadowman logo, JBoss, OpenShift, Fedora, the Infinity logo, and RHCE are trademarks of Red Hat, Inc., registered in the United States and other countries.

Linux ® is the registered trademark of Linus Torvalds in the United States and other countries.

Java ® is a registered trademark of Oracle and/or its affiliates.

XFS ® is a trademark of Silicon Graphics International Corp. or its subsidiaries in the United States and/or other countries.

MySQL ® is a registered trademark of MySQL AB in the United States, the European Union and other countries.

Node.js ® is an official trademark of Joyent. Red Hat Software Collections is not formally related to or endorsed by the official Joyent Node.js open source or commercial project.

The OpenStack ® Word Mark and OpenStack logo are either registered trademarks/service marks or trademarks/service marks of the OpenStack Foundation, in the United States and other countries and are used with the OpenStack Foundation's permission. We are not affiliated with, endorsed or sponsored by the OpenStack Foundation, or the OpenStack community.

All other trademarks are the property of their respective owners.

## Abstract

The Package Manifest provides a list of all core, non-core, and technology preview packages in this release of Red Hat Enterprise Linux OpenStack Platform.

Table of Contents

1. RELEASE SCHEDULE ..... 2

2. PACKAGE DESIGNATION ..... 2

3. DIRECTOR COMPONENTS ..... 3

    3.1. Package Manifest ..... 3

    3.2. Package Versions per Release ..... 5

4. OPENSTACK COMPONENTS ..... 8

    4.1. Package Manifest ..... 8

    4.2. Package Versions per Release ..... 31

A. REVISION HISTORY ..... 62

## 1. RELEASE SCHEDULE

The following table lists the dates of the Red Hat Enterprise Linux OpenStack Platform 7 GA, along with the dates of each subsequent asynchronous release for core components and the director:

**Table 1. Red Hat Enterprise Linux OpenStack Platform 7 director release schedule**

Release	Date
7.0.0 (General Availability)	August 5, 2015
7.1.0	October 8, 2015
7.2.0	December 21, 2015
7.3.0	February 18, 2016

**Table 2. Red Hat Enterprise Linux OpenStack Platform 7 core component release schedule**

Release	Date
7.0.0 (General Availability)	August 5, 2015
7.0.1	September 3, 2015
7.0.2	October 8, 2015
7.0.3	December 21, 2015
7.0.4	February 18, 2016

## 2. PACKAGE DESIGNATION

A package's designation states whether a package is core, non-core or technology preview.

Core packages have higher levels of support than non-core. That is, all functionality provided by a core package is fully supported. Non-core packages, on the other hand, are only supported in the context of specific use cases, such as when they provide functionality required by a core package.

Technology preview packages are unsupported, but are provided in this release to provide early access to features that Red Hat intends to support in future releases.

For more information about package designation, see [https://access.redhat.com/support/offerings/production/scope\\_moredetail](https://access.redhat.com/support/offerings/production/scope_moredetail).

### 3. DIRECTOR COMPONENTS

This section outlines the package manifest and package versions per release for director components.

#### 3.1. Package Manifest

This section lists the name, version, license, and designation of each package included in the Red Hat Enterprise Linux OpenStack Platform director.

**Table 3. Director Package List**

Package Name	Version	License	Designation
ahc-tools	0.1.1-5.el7ost	ASL 2.0	core
Cython	0.21.1-1.el7ost	Python	non-core
fio	2.2.8-1.el7ost	GPLv2	non-core
hdf5	1.8.13-7.el7ost	BSD	non-core
hdf5-devel	1.8.13-7.el7ost	BSD	non-core
hdf5-mpich	1.8.13-7.el7ost	BSD	non-core
hdf5-mpich-devel	1.8.13-7.el7ost	BSD	non-core
hdf5-mpich-static	1.8.13-7.el7ost	BSD	non-core
hdf5-openmpi	1.8.13-7.el7ost	BSD	non-core
hdf5-openmpi-devel	1.8.13-7.el7ost	BSD	non-core
hdf5-openmpi-static	1.8.13-7.el7ost	BSD	non-core
hdf5-static	1.8.13-7.el7ost	BSD	non-core
instack	0.0.7-1.el7ost	ASL 2.0	core
instack-undercloud	2.1.2-21.el7ost	ASL 2.0	core
ipxe-bootimgs	20130517-6.gitc4bce43.el7	GPLv2 and BSD	non-core

Package Name	Version	License	Designation
openstack-ironic-discoverd	1.1.0-5.el7ost	ASL 2.0	core
openstack-ironic-discoverd-ramdisk	1.1.0-5.el7ost	ASL 2.0	core
openstack-tripleo	0.0.7-0.1.1664e566.el7ost	ASL 2.0	core
openstack-tripleo-common	0.0.1.dev6-1.git49b57eb.el7ost	ASL 2.0	core
openstack-tripleo-doc	0.0.7-0.1.1664e566.el7ost	ASL 2.0	non-core
openstack-tripleo-heat-templates	0.8.6-44.el7ost	ASL 2.0	core
openstack-tripleo-image-elements	0.9.6-6.el7ost	ASL 2.0	core
openstack-tripleo-puppet-elements	0.0.1-4.el7ost	ASL 2.0	core
openstack-tuskar	0.4.18-3.el7ost	ASL 2.0	core
openstack-tuskar-ui	0.3.0-12.el7ost	ASL 2.0	core
openstack-tuskar-ui-extras	0.0.4-1.el7ost	ASL 2.0	core
openwsman-python	2.3.6-13.el7	BSD	non-core
os-apply-config	0.1.31-1.el7ost	ASL 2.0	core
os-cloud-config	0.2.8-5.el7ost	ASL 2.0	core
os-collect-config	0.1.35-2.el7ost	ASL 2.0	core
os-net-config	0.1.4-2.el7ost	ASL 2.0	core
os-refresh-config	0.1.10-1.el7ost	ASL 2.0	core
pytest	2.7.0-1.el7ost	MIT	non-core
python-Bottleneck	0.6.0-4.el7ost	BSD	non-core
python-Bottleneck-doc	0.6.0-4.el7ost	BSD	non-core
python-d2to1	0.2.10-1.el7	BSD	non-core

Package Name	Version	License	Designation
python-flask	0.10.1-5.el7	BSD	non-core
python-flask-babel	0.9-1.el7ost	BSD	non-core
python-flask-doc	0.10.1-5.el7	BSD	non-core
python-hardware	0.14-6.el7ost	ASL 2.0	non-core
python-hardware-doc	0.14-6.el7ost	ASL 2.0	non-core
python-ironic-discoverd	1.1.0-5.el7ost	ASL 2.0	core
python-numexpr	2.3-4.el7ost	MIT	non-core
python-pandas	0.16.0-2.el7ost	BSD	non-core
python-pbr	0.10.8-1.el7	ASL 2.0	non-core
python-proliantutils	2.1.0-2.el7ost	ASL 2.0	non-core
python-ptyprocess	0.4-1.el7ost	ISC	non-core
python-py	1.4.26-2.el7ost	MIT and Public Domain	non-core
python-rdomanager-oscplugin	0.0.8-41.el7ost	ASL 2.0	core
python-tables	3.1.1-2.el7ost	BSD	non-core
python-tables-doc	3.1.1-2.el7ost	BSD	non-core
python-tuskarclient	0.1.18-2.el7ost	ASL 2.0	non-core
sysbench	0.4.12-12.el7ost	GPLv2+	non-core

### 3.2. Package Versions per Release

The following table lists the version of each package included with the GA release (7.0.0) and each subsequent asynchronous update of Red Hat Enterprise Linux OpenStack Platform 7.

**Table 4. Director Package Versions**

Package Name	7.0.0	7.1.0	7.2.0	7.3.0
ahc-tools	0.1.1-5.el7ost	0.1.1-6.el7ost	Unchanged	Unchanged

Package Name	7.0.0	7.1.0	7.2.0	7.3.0
Cython	0.21.1-1.el7ost	Unchanged	Unchanged	Unchanged
fio	2.2.8-1.el7ost	Unchanged	Unchanged	Unchanged
hdf5	1.8.13-7.el7ost	Unchanged	Unchanged	Unchanged
hdf5-devel	1.8.13-7.el7ost	Unchanged	Unchanged	Unchanged
hdf5-mpich	1.8.13-7.el7ost	Unchanged	Unchanged	Unchanged
hdf5-mpich-devel	1.8.13-7.el7ost	Unchanged	Unchanged	Unchanged
hdf5-mpich-static	1.8.13-7.el7ost	Unchanged	Unchanged	Unchanged
hdf5-openmpi	1.8.13-7.el7ost	Unchanged	Unchanged	Unchanged
hdf5-openmpi-devel	1.8.13-7.el7ost	Unchanged	Unchanged	Unchanged
hdf5-openmpi-static	1.8.13-7.el7ost	Unchanged	Unchanged	Unchanged
hdf5-static	1.8.13-7.el7ost	Unchanged	Unchanged	Unchanged
instack	0.0.7-1.el7ost	Unchanged	0.0.7-2.el7ost	Unchanged
instack-undercloud	2.1.2-22.el7ost	2.1.2-29.el7ost	2.1.2-36.el7ost	2.1.2-39.el7ost
ipxe-bootimgs	20130517-6.gitc4bce43.el7	Unchanged	Unchanged	Unchanged
openstack-ironic-discoverd	1.1.0-5.el7ost	1.1.0-6.el7ost	1.1.0-8.el7ost	Unchanged
openstack-ironic-discoverd-ramdisk	1.1.0-5.el7ost	1.1.0-6.el7ost	1.1.0-8.el7ost	Unchanged
openstack-tripleo	0.0.7-0.1.1664e566.el7ost	Unchanged	Unchanged	Unchanged
openstack-tripleo-common	0.0.1.dev6-1.git49b57eb.el7ost	0.0.1.dev6-3.git49b57eb.el7ost	0.0.1.dev6-5.git49b57eb.el7ost	0.0.1.dev6-6.git49b57eb.el7ost
openstack-tripleo-doc	0.0.7-0.1.1664e566.el7ost	Unchanged	Unchanged	Unchanged
openstack-tripleo-heat-templates	0.8.6-45.el7ost	0.8.6-71.el7ost	0.8.6-94.el7ost	0.8.6-121.el7ost
openstack-tripleo-image-elements	0.9.6-6.el7ost	0.9.6-10.el7ost	Unchanged	Unchanged

Package Name	7.0.0	7.1.0	7.2.0	7.3.0
openstack-tripleo-puppet-elements	0.0.1-4.el7ost	0.0.1-5.el7ost	Unchanged	Unchanged
openstack-tuskar	0.4.18-3.el7ost	0.4.18-4.el7ost	0.4.18-5.el7ost	Unchanged
openstack-tuskar-ui	0.3.0-13.el7ost	0.4.0-3.el7ost	0.4.0-5.el7ost	Unchanged
openstack-tuskar-ui-extras	0.0.4-1.el7ost	Unchanged	0.0.4-2.el7ost	Unchanged
openwsman-python	2.3.6-13.el7	Unchanged	Unchanged	Unchanged
os-apply-config	0.1.31-1.el7ost	Unchanged	0.1.31-2.el7ost	Unchanged
os-cloud-config	0.2.8-5.el7ost	0.2.8-7.el7ost	0.2.8-10.el7ost	0.2.8-14.el7ost
os-collect-config	0.1.35-2.el7ost	Unchanged	0.1.35-5.el7ost	Unchanged
os-net-config	0.1.4-2.el7ost	0.1.4-4.el7ost	0.1.4-6.el7ost	0.1.4-7.el7ost
os-refresh-config	0.1.10-1.el7ost	Unchanged	0.1.10-2.el7ost	Unchanged
pytest	2.7.0-1.el7ost	Unchanged	Unchanged	Unchanged
python-Bottleneck	0.6.0-4.el7ost	Unchanged	Unchanged	Unchanged
python-Bottleneck-doc	0.6.0-4.el7ost	Unchanged	Unchanged	Unchanged
python-d2to1	0.2.10-1.el7	Unchanged	Unchanged	Unchanged
python-flask	0.10.1-5.el7	Unchanged	Unchanged	Unchanged
python-flask-babel	0.9-1.el7ost	Unchanged	Unchanged	Unchanged
python-flask-doc	0.10.1-5.el7	Unchanged	Unchanged	Unchanged
python-hardware	0.14-6.el7ost	0.14-7.el7ost	Unchanged	Unchanged
python-hardware-doc	0.14-6.el7ost	0.14-7.el7ost	Unchanged	Unchanged
python-ironic-discoverd	1.1.0-5.el7ost	1.1.0-6.el7ost	1.1.0-8.el7ost	Unchanged

Package Name	7.0.0	7.1.0	7.2.0	7.3.0
python-numexpr	2.3-4.el7ost	Unchanged	Unchanged	Unchanged
python-pandas	0.16.0-2.el7ost	Unchanged	Unchanged	Unchanged
python-pbr	0.10.8-1.el7	Unchanged	Unchanged	Unchanged
python-proliantutils	2.1.0-2.el7ost	2.1.0-4.el7ost	Unchanged	Unchanged
python-ptyprocess	0.4-1.el7ost	Unchanged	Unchanged	Unchanged
python-py	1.4.26-2.el7ost	Unchanged	Unchanged	Unchanged
python-rdomanager-oscplugin	0.0.8-43.el7ost	0.0.10-8.el7ost	0.0.10-22.el7ost	0.0.10-28.el7ost
python-tables	3.1.1-2.el7ost	Unchanged	Unchanged	Unchanged
python-tables-doc	3.1.1-2.el7ost	Unchanged	Unchanged	Unchanged
python-tuskarclient	0.1.18-2.el7ost	Unchanged	0.1.18-5.el7ost	Unchanged
sysbench	0.4.12-12.el7ost	Unchanged	Unchanged	Unchanged

## 4. OPENSTACK COMPONENTS

This section outlines the package manifest and package versions per release for core OpenStack components.

### 4.1. Package Manifest

This section lists the name, version, license, and designation of each package included in Red Hat Enterprise Linux OpenStack Platform.

**Table 5. Core Components Package List**

Package Name	Version	License	Designation
babel	1.3-6.el7ost	BSD	non-core
babel-doc	1.3-6.el7ost	BSD	non-core
cloud-utils-growpart	0.27-13.el7	GPLv3	non-core
connttrack-tools	1.4.2-4.el7ost	GPLv2	non-core

Package Name	Version	License	Designation
crudini	0.7-1.el7ost	GPLv2	non-core
dib-utils	0.0.9-1.el7ost	ASL 2.0	non-core
diskimage-builder	0.1.46-3.el7ost	ASL 2.0	non-core
dnsmasq-utils	2.66-13.el7_1	GPLv2	non-core
erlang-asn1	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-compiler	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-cosEventDomain	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-cosEvent	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-cosFileTransfer	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-cosNotification	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-cosProperty	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-cosTime	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-cosTransactions	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-crypto	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-diameter	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-edoc	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-eldap	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-erl_docgen	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-erl_interface	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-erts	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-eunit	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-hipe	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-inets	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-kernel	R16B-03.10min.2.el7ost	ERPL	non-core

Package Name	Version	License	Designation
erlang-mnesia	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-odbc	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-orber	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-os_mon	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-otp_mibs	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-parsetools	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-percept	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-public_key	R16B-03.10min.2.el7ost	ERPL	non-core
erlang	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-reltool	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-runtime_tools	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-sasl	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-sd_notify	0.1-2.el7ost	MIT	non-core
erlang-snmp	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-ssh	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-ssl	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-stdlib	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-syntax_tools	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-tools	R16B-03.10min.2.el7ost	ERPL	non-core
erlang-xmerl	R16B-03.10min.2.el7ost	ERPL	non-core
facter	2.4.3-1.el7	ASL 2.0	non-core
fdupes	1.51-8.el7ost	MIT	non-core
fontawesome-fonts	4.1.0-2.el7ost	OFL	non-core
fontawesome-fonts-web	4.1.0-2.el7ost	MIT	non-core

Package Name	Version	License	Designation
galera	25.3.5-7.el7ost	GPLv2	non-core
gperftools-libs	2.1-1.el7ost	BSD	non-core
hdf5	1.8.13-7.el7ost	BSD	non-core
heat-cfnutils	1.2.8-2.el7	ASL 2.0	core
hiera	1.3.4-1.el7	ASL 2.0	non-core
jq	1.3-2.el7ost	MIT and ASL 2.0 and CC-BY and GPLv3	non-core
libcacard-rhev	2.1.2-23.el7_1.4	GPLv2+ and LGPLv2+ and BSD	non-core
libcacard-tools-rhev	2.1.2-23.el7_1.4	GPLv2+ and LGPLv2+ and BSD	non-core
libasurecode	1.0.7-2.el7ost	BSD	non-core
libasurecode-doc	1.0.7-2.el7ost	BSD	non-core
libnetfilter_cthelper	1.0.0-4.el7ost	GPLv2	non-core
libnetfilter_cttimeout	1.0.0-2.el7ost	GPLv2+	non-core
libnetfilter_queue	1.0.2-2.el7ost	GPLv2	non-core
libstemmer	0-2.585svn.el7ost	BSD	non-core
libunwind	1.1-4.1.el7ost	BSD	non-core
libxslt-python	1.1.28-5.el7	MIT	non-core
mariadb-galera-common	5.5.42-1.el7ost	GPLv2 with exceptions and LGPLv2 and BSD	non-core
mariadb-galera-server	5.5.42-1.el7ost	GPLv2 with exceptions and LGPLv2 and BSD	non-core
mongodb	2.6.9-1.el7ost	AGPLv3 and zlib and ASL 2.0	non-core
mongodb-server	2.6.9-1.el7ost	AGPLv3 and zlib and ASL 2.0	non-core
mongodb-test	2.6.9-1.el7ost	AGPLv3 and zlib and ASL 2.0	non-core

Package Name	Version	License	Designation
nagios	3.5.1-6.el7	GPLv2	non-core
nagios-common	3.5.1-6.el7	GPLv2	non-core
nagios-plugins	2.0.1-1.2.el7	GPLv2+	non-core
nagios-plugins-disk	2.0.1-1.2.el7	GPLv2+	non-core
nagios-plugins-load	2.0.1-1.2.el7	GPLv2+	non-core
nagios-plugins-nrpe	2.15-4.el7	GPLv2	non-core
nagios-plugins-ping	2.0.1-1.2.el7	GPLv2+	non-core
novnc	0.5.1-2.el7ost	GPLv3	core
nrpe	2.15-4.el7	GPLv2	non-core
openstack-ceilometer-alarm	2015.1.0-8.el7ost	ASL 2.0	core
openstack-ceilometer-api	2015.1.0-8.el7ost	ASL 2.0	core
openstack-ceilometer-central	2015.1.0-8.el7ost	ASL 2.0	core
openstack-ceilometer-collector	2015.1.0-8.el7ost	ASL 2.0	core
openstack-ceilometer-common	2015.1.0-8.el7ost	ASL 2.0	core
openstack-ceilometer-compute	2015.1.0-8.el7ost	ASL 2.0	core
openstack-ceilometer-ipmi	2015.1.0-8.el7ost	ASL 2.0	core
openstack-ceilometer-notification	2015.1.0-8.el7ost	ASL 2.0	core
openstack-ceilometer-polling	2015.1.0-8.el7ost	ASL 2.0	core
openstack-cinder	2015.1.0-3.el7ost	ASL 2.0	core

Package Name	Version	License	Designation
openstack-cinder-doc	2015.1.0-3.el7ost	ASL 2.0	non-core
openstack-dashboard	2015.1.0-10.el7ost	ASL 2.0 and BSD	core
openstack-dashboard-theme	2015.1.0-10.el7ost	ASL 2.0 and BSD	core
openstack-designate-agent	2015.1.0-1.el7ost	ASL 2.0	tech preview
openstack-designate-api	2015.1.0-1.el7ost	ASL 2.0	tech preview
openstack-designate-central	2015.1.0-1.el7ost	ASL 2.0	tech preview
openstack-designate-common	2015.1.0-1.el7ost	ASL 2.0	tech preview
openstack-designate-mdns	2015.1.0-1.el7ost	ASL 2.0	tech preview
openstack-designate-pool-manager	2015.1.0-1.el7ost	ASL 2.0	tech preview
openstack-designate-sink	2015.1.0-1.el7ost	ASL 2.0	tech preview
openstack-glance	2015.1.0-6.el7ost	ASL 2.0	core
openstack-glance-doc	2015.1.0-6.el7ost	ASL 2.0	non-core
openstack-gnocchi-api	1.0.0-3.el7ost	APL 2.0	tech preview
openstack-gnocchi-carbonara	1.0.0-3.el7ost	APL 2.0	tech preview
openstack-gnocchi-doc	1.0.0-3.el7ost	APL 2.0	tech preview
openstack-gnocchi-indexer-sqlalchemy	1.0.0-3.el7ost	APL 2.0	tech preview
openstack-gnocchi-statsd	1.0.0-3.el7ost	APL 2.0	tech preview
openstack-heat-api	2015.1.0-4.el7ost	ASL 2.0	core
openstack-heat-api-cfn	2015.1.0-4.el7ost	ASL 2.0	core
openstack-heat-api-cloudwatch	2015.1.0-4.el7ost	ASL 2.0	core

Package Name	Version	License	Designation
openstack-heat-common	2015.1.0-4.el7ost	ASL 2.0	core
openstack-heat-engine	2015.1.0-4.el7ost	ASL 2.0	core
openstack-heat-templates	0-0.6.20150605git.el7ost	ASL 2.0	core
openstack-ironic-api	2015.1.0-9.el7ost	ASL 2.0	core
openstack-ironic-common	2015.1.0-9.el7ost	ASL 2.0	core
openstack-ironic-conductor	2015.1.0-9.el7ost	ASL 2.0	core
openstack-keystone	2015.1.0-4.el7ost	ASL 2.0	core
openstack-keystone-doc	2015.1.0-4.el7ost	ASL 2.0	non-core
openstack-manila	2015.1.0-1.el7ost	ASL 2.0	tech preview
openstack-manila-doc	2015.1.0-1.el7ost	ASL 2.0	tech preview
openstack-manila-share	2015.1.0-1.el7ost	ASL 2.0	tech preview
openstack-neutron	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-bigswitch	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-brocade	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-cisco	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-common	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-embrane	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-fwaas	2015.1.0-3.el7ost	ASL 2.0	tech preview
openstack-neutron-ibm	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-lbaas	2015.1.0-5.el7ost	ASL 2.0	core
openstack-neutron-linuxbridge	2015.1.0-12.el7ost	ASL 2.0	core

Package Name	Version	License	Designation
openstack-neutron-mellanox	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-metaplugin	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-metering-agent	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-midonet	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-ml2	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-nec	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-nuage	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-ofagent	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-oneconvergence-nvsd	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-opencontrail	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-openvswitch	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-ovsvapp	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-plumgrid	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-sriov-nic-agent	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-vmware	2015.1.0-12.el7ost	ASL 2.0	core
openstack-neutron-vpnaas	2015.1.0-5.el7ost	ASL 2.0	tech preview
openstack-nova	2015.1.0-16.el7ost	ASL 2.0	core
openstack-nova-api	2015.1.0-16.el7ost	ASL 2.0	core

Package Name	Version	License	Designation
openstack-nova-cells	2015.1.0-16.el7ost	ASL 2.0	core
openstack-nova-cert	2015.1.0-16.el7ost	ASL 2.0	core
openstack-nova-common	2015.1.0-16.el7ost	ASL 2.0	core
openstack-nova-compute	2015.1.0-16.el7ost	ASL 2.0	core
openstack-nova-conductor	2015.1.0-16.el7ost	ASL 2.0	core
openstack-nova-console	2015.1.0-16.el7ost	ASL 2.0	core
openstack-nova-doc	2015.1.0-16.el7ost	ASL 2.0	non-core
openstack-nova-network	2015.1.0-16.el7ost	ASL 2.0	core
openstack-nova-novncproxy	2015.1.0-16.el7ost	ASL 2.0	core
openstack-nova-objectstore	2015.1.0-16.el7ost	ASL 2.0	core
openstack-nova-scheduler	2015.1.0-16.el7ost	ASL 2.0	core
openstack-nova-serialproxy	2015.1.0-16.el7ost	ASL 2.0	core
openstack-nova-spicehtml5proxy	2015.1.0-16.el7ost	ASL 2.0	core
openstack-packstack	2015.1-0.8.dev1589.g1d6372f.el7ost	ASL 2.0 and GPLv2	core
openstack-packstack-doc	2015.1-0.8.dev1589.g1d6372f.el7ost	ASL 2.0 and GPLv2	non-core
openstack-packstack-puppet	2015.1-0.8.dev1589.g1d6372f.el7ost	ASL 2.0 and GPLv2	core
openstack-puppet-modules	2015.1.8-7.el7ost	ASL 2.0 and GPLv2 and GPLv3	non-core
openstack-sahara	2015.1.0-5.el7ost	ASL 2.0	core

Package Name	Version	License	Designation
openstack-sahara-api	2015.1.0-5.el7ost	ASL 2.0	core
openstack-sahara-common	2015.1.0-5.el7ost	ASL 2.0	core
openstack-sahara-doc	2015.1.0-5.el7ost	ASL 2.0	non-core
openstack-sahara-engine	2015.1.0-5.el7ost	ASL 2.0	core
openstack-selinux	0.6.37-1.el7ost	GPLv2	core
openstack-selinux-test	0.6.37-1.el7ost	GPLv2	non-core
openstack-swift	2.3.0-1.el7ost	ASL 2.0	core
openstack-swift-account	2.3.0-1.el7ost	ASL 2.0	core
openstack-swift-container	2.3.0-1.el7ost	ASL 2.0	core
openstack-swift-doc	2.3.0-1.el7ost	ASL 2.0	non-core
openstack-swift-object	2.3.0-1.el7ost	ASL 2.0	core
openstack-swift-plugin-swift3	1.7-3.el7ost	ASL 2.0	non-core
openstack-swift-proxy	2.3.0-1.el7ost	ASL 2.0	core
openstack-tempest	kilo-20150708.2.el7ost	ASL 2.0	core
openstack-trove	2015.1.0-3.el7ost	ASL 2.0	tech preview
openstack-trove-api	2015.1.0-3.el7ost	ASL 2.0	tech preview
openstack-trove-common	2015.1.0-3.el7ost	ASL 2.0	tech preview
openstack-trove-conductor	2015.1.0-3.el7ost	ASL 2.0	tech preview
openstack-trove-guestagent	2015.1.0-3.el7ost	ASL 2.0	tech preview
openstack-trove-taskmanager	2015.1.0-3.el7ost	ASL 2.0	tech preview
openstack-utils	2014.2-1.el7ost	ASL 2.0	non-core

Package Name	Version	License	Designation
openvswitch	2.3.1-2.git20150113.el7	ASL 2.0 and LGPLv2+ and SISSL	non-core
oz	0.12.0-2.el7	LGPLv2	non-core
plotnetcfg	0.3-1.el7ost	GPLv2+ and MIT	non-core
pssh	2.3.1-5.el7ost	BSD	non-core
puppet	3.6.2-2.el7	ASL 2.0	non-core
puppet-server	3.6.2-2.el7	ASL 2.0	non-core
pyparsing	2.0.3-1.el7ost	MIT	non-core
pyparsing-doc	2.0.3-1.el7ost	MIT	non-core
pysendfile	2.0.0-5.el7ost	MIT	non-core
pysnmp	4.2.5-1.el7ost	BSD	non-core
pystache	0.5.3-2.el7ost	MIT	non-core
python-alembic	0.7.4-2.el7ost	MIT	non-core
python-amqp	1.4.6-1.el7ost	LGPLv2+	non-core
python-amqp-doc	1.4.6-1.el7ost	LGPLv2+	non-core
python-amqplib	1.0.2-7.el7ost	LGPLv2+	non-core
python-anyjson	0.3.3-3.el7ost	BSD	non-core
python-babel	1.3-6.el7ost	BSD	non-core
python-barbicanclient	3.0.3-1.el7ost	ASL 2.0	non-core
python-barbicanclient-doc	3.0.3-1.el7ost	ASL 2.0	non-core
python-boto	2.34.0-5.el7	MIT	non-core
python-Bottleneck	0.6.0-4.el7ost	BSD	non-core
python-Bottleneck-doc	0.6.0-4.el7ost	BSD	non-core
python-bson	2.5.2-2.el7ost	ASL 2.0 and MIT	non-core
python-ceilometer	2015.1.0-8.el7ost	ASL 2.0	core

Package Name	Version	License	Designation
python-ceilometerclient	1.0.13-1.el7ost	ASL 2.0	core
python-ceilometerclient-doc	1.0.13-1.el7ost	ASL 2.0	non-core
python-ceilometermiddleware	0.1.0-1.el7ost	ASL 2.0	non-core
python-cffi	0.8.6-1.el7ost	BSD	non-core
python-cffi-doc	0.8.6-1.el7ost	BSD	non-core
python-cheetah	2.4.4-5.el7	MIT	non-core
python-cinder	2015.1.0-3.el7ost	ASL 2.0	core
python-cinderclient	1.2.1-1.el7ost	ASL 2.0	core
python-cinderclient-doc	1.2.1-1.el7ost	ASL 2.0	non-core
python-cliff	1.10.0-2.el7ost	ASL 2.0	non-core
python-cliff-tablib	1.1-1.el7ost	ASL 2.0	non-core
python-cmd2	0.6.7-5.el7ost	MIT	non-core
python-croniter	0.3.4-2.el7ost	MIT	non-core
python-crypto	2.6.1-1.el7ost	Public Domain and Python	non-core
python-cryptography	0.8.2-1.el7ost	ASL 2.0 or BSD	non-core
python-d2to1	0.2.10-1.el7	BSD	non-core
python-debtcollector	0.3.0-3.el7ost	ASL 2.0	non-core
python-debtcollector-doc	0.3.0-3.el7ost	ASL 2.0	non-core
python-designate	2015.1.0-1.el7ost	ASL 2.0	tech preview
python-designateclient	1.2.0-1.el7ost	ASL 2.0	tech preview
python-django	1.8.3-1.el7	BSD	non-core
python-django-appconf	0.6-3.el7	BSD	non-core
python-django-bash-completion	1.8.3-1.el7	BSD	non-core

Package Name	Version	License	Designation
python-django-compressor	1.4-3.el7	MIT	non-core
python-django-doc	1.8.3-1.el7	BSD	non-core
python-django-horizon	2015.1.0-10.el7ost	ASL 2.0 and BSD	core
python-django-horizon-doc	2015.1.0-10.el7ost	ASL 2.0 and BSD	non-core
python-django-openstack-auth	1.2.0-3.el7ost	BSD	non-core
python-django-pyscss	1.0.5-1.el7ost	BSD	non-core
python-dns	1.12.0-1.el7ost	MIT	non-core
python-docutils	0.12-0.2.20140510svn7747.el7ost	Public Domain and BSD and Python and GPLv3+	non-core
python-dogpile-cache	0.5.5-1.el7ost	BSD	non-core
python-dogpile-core	0.4.1-2.el7ost	BSD	non-core
python-eccdsa	0.11-3.el7ost	MIT	non-core
python-elasticsearch	1.4.0-2.el7ost	ASL 2.0	non-core
python-enum34	1.0-4.el7ost	BSD	non-core
python-eventlet	0.17.3-1.el7ost	MIT	non-core
python-extras	0.0.3-2.el7ost	MIT	non-core
python-fixtures	0.3.14-3.el7ost	ASL 2.0 or BSD	non-core
python-flask	0.10.1-5.el7	BSD	non-core
python-flask-doc	0.10.1-5.el7	BSD	non-core
python-futures	2.1.6-1.el7ost	BSD	non-core
python-glance	2015.1.0-6.el7ost	ASL 2.0	core
python-glanceclient	0.17.0-2.el7ost	ASL 2.0	core
python-glanceclient-doc	0.17.0-2.el7ost	ASL 2.0	non-core

Package Name	Version	License	Designation
python-glance-store	0.4.0-1.el7ost	ASL 2.0	non-core
python-gnocchi	1.0.0-3.el7ost	APL 2.0	tech preview
python-greenlet	0.4.2-2.el7ost	MIT	non-core
python-heatclient	0.6.0-1.el7ost	ASL 2.0	core
python-heatclient-doc	0.6.0-1.el7ost	ASL 2.0	non-core
python-httpplib2	0.7.7-3.el7ost	MIT	non-core
python-ironicclient	0.5.1-9.el7ost	ASL 2.0	core
python-iso8601	0.1.10-2.el7ost	MIT	non-core
python-itsdangerous	0.23-1.el7	BSD	non-core
python-jinja2	2.7.2-2.el7	BSD	non-core
python-jsonpatch	1.2-2.el7	BSD	non-core
python-jsonpath-rw	1.2.3-2.el7ost	ASL 2.0	non-core
python-jsonpointer	1.0-2.el7	BSD	non-core
python-jsonrpclib	0.1.3-1.el7	ASL 2.0	non-core
python-jsonschema	2.3.0-1.el7ost	MIT	non-core
python-junitxml	0.7-3.el7ost	LGPLv3	non-core
python-kazoo	2.0-2.el7ost	ASL 2.0	non-core
python-kazoo-doc	2.0-2.el7ost	ASL 2.0	non-core
python-keyring	5.0-1.el7ost	MIT and Python	non-core
python-keystone	2015.1.0-4.el7ost	ASL 2.0	core
python-keystoneclient	1.3.0-2.el7ost	ASL 2.0	core
python-keystoneclient-doc	1.3.0-2.el7ost	ASL 2.0	non-core
python-keystoneclient-kerberos	0.1.4-1.el7ost	ASL 2.0	core

Package Name	Version	License	Designation
python-keystonemiddleware	1.5.1-1.el7ost	ASL 2.0	core
python-keystonemiddleware-doc	1.5.1-1.el7ost	ASL 2.0	non-core
python-kombu	3.0.23-1.el7ost	BSD and Python	non-core
python-ldappool	1.0-4.el7ost	MPLv1.1 and GPLv2+ and LGPLv2+	non-core
python-lesscpy	0.9j-4.el7ost	MIT	non-core
python-lockfile	0.9.1-5.el7	MIT	non-core
python-logutils	0.3.3-3.el7ost	BSD	non-core
python-manila	2015.1.0-1.el7ost	ASL 2.0	tech preview
python-manilaclient	1.1.0-1.el7ost	ASL 2.0	tech preview
python-manilaclient-doc	1.1.0-1.el7ost	ASL 2.0	tech preview
python-markdown	2.4.1-1.1.el7	BSD	non-core
python-migrate	0.9.6-1.el7ost	MIT	non-core
python-mimeparse	0.1.4-1.el7ost	MIT	non-core
python-mock	1.0.1-5.el7ost	BSD	non-core
python-mox	0.5.3-2.el7ost	ASL 2.0	non-core
python-mox3	0.7.0-1.el7ost	ASL 2.0	non-core
python-msgpack	0.4.6-1.el7ost	ASL 2.0	non-core
python-ncclient	0.4.2-2.el7ost	ASL 2.0	non-core
python-netaddr	0.7.12-1.el7ost	BSD	non-core
python-netifaces	0.10.4-1.el7ost	MIT	non-core
python-networkx	1.8.1-13.el7ost	BSD	non-core
python-networkx-core	1.8.1-13.el7ost	BSD	non-core
python-networkx-doc	1.8.1-13.el7ost	BSD	non-core

Package Name	Version	License	Designation
python-neutron	2015.1.0-12.el7ost	ASL 2.0	core
python-neutronclient	2.4.0-1.el7ost	ASL 2.0	core
python-neutron-fwaas	2015.1.0-3.el7ost	ASL 2.0	tech preview
python-neutron-fwaas-tests	2015.1.0-3.el7ost	ASL 2.0	tech preview
python-neutron-lbaas	2015.1.0-5.el7ost	ASL 2.0	core
python-neutron-lbaas-tests	2015.1.0-5.el7ost	ASL 2.0	core
python-neutron-tests	2015.1.0-12.el7ost	ASL 2.0	core
python-neutron-vpnaas	2015.1.0-5.el7ost	ASL 2.0	tech preview
python-neutron-vpnaas-tests	2015.1.0-5.el7ost	ASL 2.0	tech preview
python-nova	2015.1.0-16.el7ost	ASL 2.0	core
python-novaclient	2.23.0-1.el7ost	ASL 2.0	core
python-novaclient-doc	2.23.0-1.el7ost	ASL 2.0	non-core
python-numexpr	2.3-5.el7ost	MIT	non-core
python-oauthlib	0.6.0-3.el7ost	BSD	non-core
python-openstackclient	1.0.3-2.el7ost	ASL 2.0	non-core
python-openstackclient-doc	1.0.3-2.el7ost	ASL 2.0	non-core
python-openvswitch	2.3.1-2.git20150113.el7	ASL 2.0	non-core
python-oslo-concurrency	1.8.0-1.el7ost	ASL 2.0	non-core
python-oslo-concurrency-doc	1.8.0-1.el7ost	ASL 2.0	non-core
python-oslo-config	1.9.3-1.el7ost	ASL 2.0	non-core
python-oslo-config-doc	1.9.3-1.el7ost	ASL 2.0	non-core
python-oslo-context	0.2.0-5.el7ost	ASL 2.0	non-core

Package Name	Version	License	Designation
python-oslo-context-doc	0.2.0-5.el7ost	ASL 2.0	non-core
python-oslo-db	1.7.1-1.el7ost	ASL 2.0	non-core
python-oslo-db-doc	1.7.1-1.el7ost	ASL 2.0	non-core
python-oslo-i18n	1.5.0-3.el7ost	ASL 2.0	non-core
python-oslo-i18n-doc	1.5.0-3.el7ost	ASL 2.0	non-core
python-oslo-log	1.0.0-1.el7ost	ASL 2.0	non-core
python-oslo-log-doc	1.0.0-1.el7ost	ASL 2.0	non-core
python-oslo-messaging	1.8.3-1.el7ost	ASL 2.0	non-core
python-oslo-messaging-doc	1.8.3-1.el7ost	ASL 2.0	non-core
python-oslo-middleware	1.0.0-2.el7ost	ASL 2.0	non-core
python-oslo-middleware-doc	1.0.0-2.el7ost	ASL 2.0	non-core
python-oslo-policy	0.3.1-1.el7ost	ASL 2.0	non-core
python-oslo-policy-doc	0.3.1-1.el7ost	ASL 2.0	non-core
python-oslo-rootwrap	1.6.0-1.el7ost	ASL 2.0	non-core
python-oslo-serialization	1.4.0-1.el7ost	ASL 2.0	non-core
python-oslo-serialization-doc	1.4.0-1.el7ost	ASL 2.0	non-core
python-oslo-sphinx	2.5.0-2.el7ost	ASL 2.0	non-core
python-oslotest	1.5.1-1.el7ost	ASL 2.0	non-core
python-oslo-utils	1.4.0-1.el7ost	ASL 2.0	non-core
python-oslo-utils-doc	1.4.0-1.el7ost	ASL 2.0	non-core
python-oslo-versionedobjects	0.1.1-1.el7ost	ASL 2.0	non-core
python-oslo-versionedobjects-doc	0.1.1-1.el7ost	ASL 2.0	non-core

Package Name	Version	License	Designation
python-oslo-vmware	0.11.1-1.el7ost	ASL 2.0	non-core
python-oslo-vmware-doc	0.11.1-1.el7ost	ASL 2.0	non-core
python-osprofiler	0.3.0-1.el7ost	ASL 2.0	non-core
python-osprofiler-doc	0.3.0-1.el7ost	ASL 2.0	non-core
python-pandas	0.16.0-2.el7ost	BSD	non-core
python-paramiko	1.15.1-1.el7ost	LGPLv2+	non-core
python-passlib	1.5.3-4.el7ost	BSD and Beerware and Copyright only	non-core
python-paste-deploy	1.5.0-10.el7ost	MIT	non-core
python-pbr	0.10.8-1.el7	ASL 2.0	non-core
python-pecan	0.8.3-1.el7ost	BSD	non-core
python-pint	0.6-2.el7ost	BSD	non-core
python-ply	3.4-4.el7ost	BSD	non-core
python-posix_ipc	0.9.8-1.el7ost	BSD	non-core
python-pretend	1.0.8-2.el7ost	BSD	non-core
python-prettytable	0.7.2-1.el7	BSD	non-core
python-psutil	1.2.1-1.el7	BSD	non-core
python-pyasn1-modules	0.1.6-2.el7	BSD	non-core
python-pycadf	0.8.0-1.el7ost	ASL 2.0	non-core
python-pycparser	2.10-1.el7ost	BSD	non-core
python-pyeclib	1.0.7-2.el7ost	BSD	non-core
python-pyghmi	0.5.9-2.el7ost	ASL 2.0	non-core
python-pygments	1.4-9.el7	BSD	non-core
python-pymemcache	1.2.5-2.el7ost	ASL 2.0	non-core
python-pymongo	2.5.2-2.el7ost	ASL 2.0 and MIT	non-core

Package Name	Version	License	Designation
python-pymongo-gridfs	2.5.2-2.el7ost	ASL 2.0 and MIT	non-core
python-pysaml2	3.0.0-0.3.git40603ae.el7ost	ASL 2.0	non-core
python-pysaml2-doc	3.0.0-0.3.git40603ae.el7ost	ASL 2.0	non-core
python-pytimeparse	1.1.4-1.el7ost	MIT	non-core
python-qpidd	0.30-6.el7	ASL 2.0	non-core
python-qpidd-proton	0.9-2.el7	ASL 2.0	non-core
python-qpidd-qmf	0.30-6.el7	ASL 2.0	non-core
python-redis	2.10.3-1.el7ost	MIT	non-core
python-repoze-lru	0.4-3.el7ost	BSD	non-core
python-repoze-who	2.1-4.el7ost	BSD	non-core
python-requests	2.7.0-1.el7ost	ASL 2.0	non-core
python-requests-kerberos	0.6-1.el7ost	MIT	non-core
python-requests-mock	0.6.0-1.el7ost	ASL 2.0	non-core
python-requests-oauthlib	0.4.0-6.el7ost	ISC	non-core
python-retrying	1.2.3-4.el7ost	ASL 2.0	non-core
python-rfc3986	0.2.0-1.el7ost	ASL 2.0	non-core
python-routes	1.13-2.el7ost	BSD	non-core
python-saharaclient	0.9.0-1.el7ost	ASL 2.0	core
python-saslwrapper	0.22-5.el7	ASL 2.0	non-core
python-scss	1.2.1-1.el7ost	MIT	non-core
python-semantic_version	2.4.1-1.el7ost	BSD	non-core
python-semantic_version-doc	2.4.1-1.el7ost	BSD	non-core
python-simplegeneric	0.8-7.el7ost	Python or ZPLv2.1	non-core

Package Name	Version	License	Designation
python-simplejson	3.5.3-1.el7ost	(MIT or AFL) and (MIT or GPLv2)	non-core
python-singledispatch	3.4.0.2-2.el7ost	MIT	non-core
python-six	1.9.0-1.el7	MIT	non-core
python-speaklater	1.3-1.el7ost	BSD	non-core
python-sqlalchemy	1.0.5-1.el7ost	MIT	non-core
python-sqlalchemy-utils	0.30.0-1.el7ost	BSD	non-core
python-sqlparse	0.1.11-4.el7ost	BSD	non-core
python-stevedore	1.3.0-1.1.el7ost	ASL 2.0	non-core
python-subunit	1.0.0-2.el7ost	ASL 2.0 or BSD	non-core
python-swiftclient	2.4.0-1.el7ost	ASL 2.0	non-core
python-swiftclient-doc	2.4.0-1.el7ost	ASL 2.0	non-core
python-sysv_ipc	0.4.2-11.el7ost	GPLv3+	non-core
python-tables	3.1.1-2.el7ost	BSD	non-core
python-tables-doc	3.1.1-2.el7ost	BSD	non-core
python-taskflow	0.7.1-2.el7ost	ASL 2.0	non-core
python-taskflow-doc	0.7.1-2.el7ost	ASL 2.0	non-core
python-tempest-lib	0.5.0-1.el7ost	ASL 2.0	core
python-tempest-lib-doc	0.5.0-1.el7ost	ASL 2.0	non-core
python-testrepository	0.0.20-1.el7ost	ASL 2.0	non-core
python-testresources	0.2.7-6.el7ost	ASL 2.0 and BSD and GPLv2+	non-core
python-testscenarios	0.4-4.el7ost	ASL 2.0 and BSD	non-core
python-testtools	1.1.0-1.el7ost	MIT	non-core
python-testtools-doc	1.1.0-1.el7ost	MIT	non-core

Package Name	Version	License	Designation
python-tooaz	0.13.2-1.el7ost	ASL 2.0	non-core
python-tooaz-doc	0.13.2-1.el7ost	ASL 2.0	non-core
python-trollius	1.0.4-2.el7ost	ASL 2.0	non-core
python-trove	2015.1.0-3.el7ost	ASL 2.0	tech preview
python-troveclient	1.0.9-1.el7ost	ASL 2.0	non-core
python-tuskarclient	0.1.18-3.el7ost	ASL 2.0	core
python-urllib3	1.10.4- 1.20150503gita91975b.el 7ost	MIT	non-core
python-versiontools	1.9.1-4.el7ost	LGPLv3	non-core
python-voluptuous	0.8.5-2.el7ost	BSD	non-core
python-warlock	1.0.1-1.el7ost	ASL 2.0	non-core
python-webob	1.2.3-6.el7	MIT	non-core
python-websocketify	0.6.0-2.el7ost	LGPLv3	non-core
python-webtest	1.3.4-6.el7	MIT	non-core
python-werkzeug	0.9.1-1.el7	BSD	non-core
python-werkzeug-doc	0.9.1-1.el7	BSD	non-core
python-wrapt	1.10.4-5.1.el7ost	BSD	non-core
python-wsme	0.6-2.el7ost	MIT	non-core
python-XStatic	1.0.1-1.el7ost	MIT	non-core
python-XStatic-Angular	1.3.7.0-4.el7ost	MIT	non-core
python-XStatic-Angular- Bootstrap	0.11.0.2-1.el7ost	MIT	non-core
python-XStatic-Angular- Irdragndrop	1.0.2.2-1.el7ost	MIT	non-core
python-XStatic-Angular- Mock	1.2.1.1-2.el7ost	MIT	non-core

Package Name	Version	License	Designation
python-XStatic-Bootstrap-Daterangepicker	1.3.1.0-1.el7ost	ASL 2.0	non-core
python-XStatic-Bootstrap-SCSS	3.2.0.0-1.el7ost	MIT	non-core
python-XStatic-D3	3.1.6.2-2.el7ost	BSD	non-core
python-XStatic-Font-Awesome	4.1.0.0-4.el7ost	OFL and MIT	non-core
python-XStatic-Hogan	2.0.0.2-2.el7ost	ASL 2.0	non-core
python-XStatic-Jasmine	1.3.1.1-2.el7ost	MIT	non-core
python-XStatic-jQuery	1.10.2.1-1.el7ost	MIT	non-core
python-XStatic-JQuery-Migrate	1.2.1.1-2.el7ost	MIT	non-core
python-XStatic-JQuery-quicksearch	2.0.3.1-2.el7ost	MIT	non-core
python-XStatic-JQuery-TableSorter	2.14.5.1-2.el7ost	MIT	non-core
python-XStatic-jquery-ui	1.10.4.1-1.el7ost	CCO	non-core
python-XStatic-JSEncrypt	2.0.0.2-2.el7ost	MIT	non-core
python-XStatic-Magic-Search	0.2.0.1-1.el7ost	ASL 2.0	non-core
python-XStatic-QUnit	1.14.0.2-2.el7ost	MIT	non-core
python-XStatic-Rickshaw	1.5.0.0-4.el7ost	MIT	non-core
python-XStatic-smart-table	1.4.5.3-1.el7ost	MIT	non-core
python-XStatic-Spin	1.2.5.2-2.el7ost	MIT	non-core
python-XStatic-termjs	0.0.4.2-1.el7ost	MIT	non-core
python-zaqarclient	0.1.0-3.el7ost	ASL 2.0	non-core
python-zope-interface	4.0.5-4.el7	ZPLv2.1	non-core

Package Name	Version	License	Designation
qemu-img-rhev	2.1.2-23.el7_1.4	GPLv2+ and LGPLv2+ and BSD	non-core
qemu-kvm-common-rhev	2.1.2-23.el7_1.4	GPLv2+ and LGPLv2+ and BSD	non-core
qemu-kvm-rhev	2.1.2-23.el7_1.4	GPLv2+ and LGPLv2+ and BSD	non-core
qemu-kvm-tools-rhev	2.1.2-23.el7_1.4	GPLv2+ and LGPLv2+ and BSD	non-core
qpidd-cpp-client	0.30-8.el7	ASL 2.0	non-core
qpidd-cpp-server	0.30-8.el7	ASL 2.0	non-core
qpidd-cpp-server-ha	0.30-8.el7	ASL 2.0	non-core
qpidd-proton-c	0.9-2.el7	ASL 2.0	tech preview
qpidd-qmf	0.30-6.el7	ASL 2.0	non-core
qpidd-tools	0.30-5.el7	ASL 2.0	non-core
rabbitmq-server	3.3.5-3.el7ost	MPLv1.1	non-core
redhat-access-plugin-openstack	7.0.0-0.el7ost	ASL 2.0	core
redis	2.8.21-1.el7ost	BSD	non-core
ruby-augeas	0.5.0-1.el7	LGPLv2+	non-core
rubygem-rgen	0.6.6-2.1.el7	MIT	non-core
rubygem-rgen-doc	0.6.6-2.1.el7	MIT	non-core
ruby-libguestfs	1.28.1-1.18.el7	LGPLv2+	non-core
ruby-qpidd-qmf	0.30-6.el7	ASL 2.0	non-core
ruby-saslwrapper	0.22-5.el7	ASL 2.0	non-core
ruby-shadow	1.4.1-21.el7	Public Domain	non-core
sahara-image-elements	2015.1.0-3.el7ost	ASL 2.0	core
saslwrapper	0.22-5.el7	ASL 2.0	non-core

Package Name	Version	License	Designation
sos	3.2-16.el7ost.2	GPLv2+	core
subunit	1.0.0-2.el7ost	ASL 2.0 or BSD	non-core
subunit-filters	1.0.0-2.el7ost	ASL 2.0 or BSD	non-core
v8	3.14.5.10-18.el7ost	BSD	non-core
virt-v2v	1.28.1-1.18.el7	GPLv2+	non-core
web-assets-filesystem	5-1.el7ost	Public Domain	non-core
web-assets-httpd	5-1.el7ost	MIT	non-core
yaml-cpp	0.5.1-7.el7ost	MIT	non-core

## 4.2. Package Versions per Release

The following table lists the version of each package included with the GA release (7.0.0) and each subsequent asynchronous update of Red Hat Enterprise Linux OpenStack Platform 7.

**Table 6. All package versions**

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
babel	1.3-6.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
babel-doc	1.3-6.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
cloud-utils-growpart	0.27-13.el7	Unchanged	Unchanged	Unchanged	Unchanged
conntrack-tools	1.4.2-4.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
crudini	0.7-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
dib-utils	0.0.9-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
diskimage-builder	0.1.46-3.el7ost	Unchanged	Unchanged	0.1.46-4.el7ost	Unchanged
dnsmasq-utils	2.66-13.el7_1	Unchanged	Unchanged	Unchanged	Unchanged
erlang-asn1	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
erlang-compiler	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-cosEventDomain	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-cosEvent	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-cosFileTransfer	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-cosNotification	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-cosProperty	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-cosTime	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-cosTransactions	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-crypto	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-diameter	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
erlang-edoc	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-eldap	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
erlang-erl_docgen	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-erl_interface	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-erts	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-eunit	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-hipe	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-inets	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-kernel	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-mnesia	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-odbc	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-orber	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-os_mon	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-otp_mibs	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
erlang-parsetools	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-percept	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-public_key	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-reltool	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-runtime_tools	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
erlang-sasl	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-sd_notify	0.1-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
erlang-snmp	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-ssh	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-ssl	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-stdlib	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-syntax_tools	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
erlang-tools	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
erlang-xmerl	R16B-03.10min.2.el7ost	Unchanged	Unchanged	Unchanged	R16B-03.10min.5.el7ost
facter	2.4.3-1.el7	Unchanged	Unchanged	2.4.3-2.el7.x86_64	2.4.3-3.el7.x86_64
fdupes	1.51-8.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
fontawesome-fonts	4.1.0-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
fontawesome-fonts-web	4.1.0-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
galera	25.3.5-7.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
gperftools-libs	2.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
hdf5	1.8.13-7.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
heat-cfntools	1.2.8-2.el7	Unchanged	Unchanged	Unchanged	Unchanged
hiera	1.3.4-1.el7	Unchanged	Unchanged	Unchanged	Unchanged
jq	1.3-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
libcacard-rhev	2.1.2-23.el7_1.4	2.1.2-23	2.1.2-23.el7_1.9.x86_64	2.3.0-31.el7_2.4.x86_64	2.3.0-31.el7_2.7.x86_64
libcacard-tools-rhev	2.1.2-23.el7_1.4	2.1.2-23	2.1.2-23.el7_1.9.x86_64	2.3.0-31.el7_2.4.x86_64	2.3.0-31.el7_2.7.x86_64
libasasurecode	1.0.7-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
libasasurecode-doc	1.0.7-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
libnetfilter_cthelper	1.0.0-4.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
libnetfilter_cttimout	1.0.0-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
libnetfilter_queue	1.0.2-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
libstemmer	0-2.585svn.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
libunwind	1.1-4.1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
libxslt-python	1.1.28-5.el7	Unchanged	Unchanged	Unchanged	Unchanged
mariadb-galera-common	5.5.42-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
mariadb-galera-server	5.5.42-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
memcached	---	---	---	---	1.4.15-9.1.el7ost.x86_64
memcached-debuginfo	---	---	---	---	1.4.15-9.1.el7ost.x86_64
mariadb-galera-server	5.5.42-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
mongodb	2.6.9-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
mongodb-server	2.6.9-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
mongodb-test	2.6.9-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
nagios	3.5.1-6.el7	Unchanged	Unchanged	Unchanged	Unchanged
nagios-common	3.5.1-6.el7	Unchanged	Unchanged	Unchanged	Unchanged
nagios-plugins	2.0.1-1.2.el7	Unchanged	Unchanged	Unchanged	Unchanged
nagios-plugins-disk	2.0.1-1.2.el7	Unchanged	Unchanged	Unchanged	Unchanged
nagios-plugins-load	2.0.1-1.2.el7	Unchanged	Unchanged	Unchanged	Unchanged
nagios-plugins-nrpe	2.15-4.el7	Unchanged	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
nagios-plugins-ping	2.0.1-1.2.el7	Unchanged	Unchanged	Unchanged	Unchanged
novnc	0.5.1-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
nrpe	2.15-4.el7	Unchanged	Unchanged	Unchanged	Unchanged
openstack-ceilometer	2015.1.0-8.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
openstack-ceilometer-alarm	2015.1.0-8.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-ceilometer-api	2015.1.0-8.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-ceilometer-central	2015.1.0-8.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-ceilometer-collector	2015.1.0-8.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-ceilometer-common	2015.1.0-8.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-ceilometer-compute	2015.1.0-8.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-ceilometer-ipmi	2015.1.0-8.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-ceilometer-notification	2015.1.0-8.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-ceilometer-polling	2015.1.0-8.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-cinder	2015.1.0-3.el7ost	2015.1.0-5	2015.1.1-1.el7ost	2015.1.2-5.el7ost	Unchanged
openstack-cinder-doc	2015.1.0-3.el7ost	2015.1.0-5	2015.1.1-1.el7ost	2015.1.2-5.el7ost	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
openstack-dashboard	2015.1.0-10.el7ost	2015.1.0-11	2015.1.1-2.el7ost	2015.1.2-4.el7ost	Unchanged
openstack-dashboard-theme	2015.1.0-10.el7ost	2015.1.0-11	2015.1.1-2.el7ost	2015.1.2-4.el7ost	Unchanged
openstack-designate-agent	2015.1.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
openstack-designate-api	2015.1.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
openstack-designate-central	2015.1.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
openstack-designate-common	2015.1.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
openstack-designate-mdns	2015.1.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
openstack-designate-pool-manager	2015.1.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
openstack-designate-sink	2015.1.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
openstack-glance	2015.1.0-6.el7ost	2015.1.0-7	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-glance-doc	2015.1.0-6.el7ost	2015.1.0-7	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-gnocchi-api	1.0.0-3.el7ost	1.0.0-4	Unchanged	Unchanged	Unchanged
openstack-gnocchi-carbonara	1.0.0-3.el7ost	1.0.0-4	Unchanged	Unchanged	Unchanged
openstack-gnocchi-doc	1.0.0-3.el7ost	1.0.0-4	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
openstack-gnocchi-indexer-sqlalchemy	1.0.0-3.el7ost	1.0.0-4	Unchanged	Unchanged	Unchanged
openstack-gnocchi-statsd	1.0.0-3.el7ost	1.0.0-4	Unchanged	Unchanged	Unchanged
openstack-heat	2015.1.0-6.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
openstack-heat-api	2015.1.0-4.el7ost	2015.1.0-6	2015.1.1-5.el7ost	2015.1.2-4.el7ost	2015.1.2-9.el7ost
openstack-heat-api-cfn	2015.1.0-4.el7ost	2015.1.0-6	2015.1.1-5.el7ost	2015.1.2-4.el7ost	2015.1.2-9.el7ost
openstack-heat-api-cloudwatch	2015.1.0-4.el7ost	2015.1.0-6	2015.1.1-5.el7ost	2015.1.2-4.el7ost	2015.1.2-9.el7ost
openstack-heat-common	2015.1.0-4.el7ost	2015.1.0-6	2015.1.1-5.el7ost	2015.1.2-4.el7ost	2015.1.2-9.el7ost
openstack-heat-engine	2015.1.0-4.el7ost	2015.1.0-6	2015.1.1-5.el7ost	2015.1.2-4.el7ost	2015.1.2-9.el7ost
openstack-heat-templates	0-0.6.20150605git.el7ost	Unchanged	Unchanged	0-0.8.20150605git.el7ost	Unchanged
openstack-ironic-api	2015.1.0-9.el7ost	Unchanged	2015.1.1-4.el7ost	2015.1.2-2.el7ost	Unchanged
openstack-ironic-common	2015.1.0-9.el7ost	Unchanged	2015.1.1-4.el7ost	2015.1.2-2.el7ost	Unchanged
openstack-ironic-conductor	2015.1.0-9.el7ost	Unchanged	2015.1.1-4.el7ost	2015.1.2-2.el7ost	Unchanged
openstack-keystone	2015.1.0-4.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-2.el7ost	Unchanged
openstack-keystone-doc	2015.1.0-4.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-2.el7ost	Unchanged
openstack-manila	2015.1.0-1.el7ost	2015.1.0-2	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
openstack-manila-doc	2015.1.0-1.el7ost	2015.1.0-2	Unchanged	Unchanged	Unchanged
openstack-manila-share	2015.1.0-1.el7ost	2015.1.0-2	Unchanged	Unchanged	Unchanged
openstack-neutron	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-bigswitch	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-brocade	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-cisco	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-common	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-embrane	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-fwaas	2015.1.0-3.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-neutron-ibm	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-lbaas	2015.1.0-5.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-neutron-linuxbridge	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-mellanox	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-metaplugin	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
openstack-neutron-metering-agent	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-midonet	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-ml2	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-nec	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-nuage	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-ofagent	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-oneconvergence-nvsd	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-opencontrail	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-openvswitch	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-ovsvapp	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-plumgrid	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-sriov-nic-agent	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
openstack-neutron-vmware	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
openstack-neutron-vpnaas	2015.1.0-5.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-nova	2015.1.0-16.el7ost	2015.1.0-18	2015.1.1-1.el7ost	2015.1.2-7.el7ost	2015.1.2-18.el7ost
openstack-nova-api	2015.1.0-16.el7ost	2015.1.0-18	2015.1.1-1.el7ost	2015.1.2-7.el7ost	2015.1.2-18.el7ost
openstack-nova-cells	2015.1.0-16.el7ost	2015.1.0-18	2015.1.1-1.el7ost	2015.1.2-7.el7ost	2015.1.2-18.el7ost
openstack-nova-cert	2015.1.0-16.el7ost	2015.1.0-18	2015.1.1-1.el7ost	2015.1.2-7.el7ost	2015.1.2-18.el7ost
openstack-nova-common	2015.1.0-16.el7ost	2015.1.0-18	2015.1.1-1.el7ost	2015.1.2-7.el7ost	2015.1.2-18.el7ost
openstack-nova-compute	2015.1.0-16.el7ost	2015.1.0-18	2015.1.1-1.el7ost	2015.1.2-7.el7ost	2015.1.2-18.el7ost
openstack-nova-conductor	2015.1.0-16.el7ost	2015.1.0-18	2015.1.1-1.el7ost	2015.1.2-7.el7ost	2015.1.2-18.el7ost
openstack-nova-console	2015.1.0-16.el7ost	2015.1.0-18	2015.1.1-1.el7ost	2015.1.2-7.el7ost	2015.1.2-18.el7ost
openstack-nova-doc	2015.1.0-16.el7ost	2015.1.0-18	2015.1.1-1.el7ost	2015.1.2-7.el7ost	2015.1.2-18.el7ost
openstack-nova-network	2015.1.0-16.el7ost	2015.1.0-18	2015.1.1-1.el7ost	2015.1.2-7.el7ost	2015.1.2-18.el7ost
openstack-nova-novncproxy	2015.1.0-16.el7ost	2015.1.0-18	2015.1.1-1.el7ost	2015.1.2-7.el7ost	2015.1.2-18.el7ost
openstack-nova-objectstore	2015.1.0-16.el7ost	2015.1.0-18	2015.1.1-1.el7ost	2015.1.2-7.el7ost	2015.1.2-18.el7ost
openstack-nova-scheduler	2015.1.0-16.el7ost	2015.1.0-18	2015.1.1-1.el7ost	2015.1.2-7.el7ost	2015.1.2-18.el7ost
openstack-nova-serialproxy	2015.1.0-16.el7ost	2015.1.0-18	2015.1.1-1.el7ost	2015.1.2-7.el7ost	2015.1.2-18.el7ost

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
openstack-nova-spicehtml5proxy	2015.1.0-16.el7ost	2015.1.0-18	2015.1.1-1.el7ost	2015.1.2-7.el7ost	2015.1.2-18.el7ost
openstack-packstack	2015.1-0.8.dev1589.g1d6372f.el7ost	Unchanged	Unchanged	2015.1-0.14.dev1589.g1d6372f.el7ost	2015.1-0.16.dev1589.g1d6372f.el7ost
openstack-packstack-doc	2015.1-0.8.dev1589.g1d6372f.el7ost	Unchanged	Unchanged	2015.1-0.14.dev1589.g1d6372f.el7ost	2015.1-0.16.dev1589.g1d6372f.el7ost
openstack-packstack-puppet	2015.1-0.8.dev1589.g1d6372f.el7ost	Unchanged	Unchanged	2015.1-0.14.dev1589.g1d6372f.el7ost	2015.1-0.16.dev1589.g1d6372f.el7ost
openstack-puppet-modules	2015.1.8-7.el7ost	2015.1.8-12	2015.1.8-21.el7ost	2015.1.8-32.el7ost	2015.1.8-51.el7ost
openstack-sahara	2015.1.0-5.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-sahara-api	2015.1.0-5.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-sahara-common	2015.1.0-5.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-sahara-doc	2015.1.0-5.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-sahara-engine	2015.1.0-5.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
openstack-selinux	0.6.37-1.el7ost	Unchanged	Unchanged	0.6.46-1.el7ost	Unchanged
openstack-selinux-test	0.6.37-1.el7ost	Unchanged	Unchanged	0.6.46-1.el7ost	Unchanged
openstack-swift	2.3.0-1.el7ost	Unchanged	Unchanged	2.3.0-2.el7ost	2.3.0-4.el7ost
openstack-swift-account	2.3.0-1.el7ost	Unchanged	Unchanged	2.3.0-2.el7ost	2.3.0-4.el7ost
openstack-swift-container	2.3.0-1.el7ost	Unchanged	Unchanged	2.3.0-2.el7ost	2.3.0-4.el7ost

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
openstack-swift-doc	2.3.0-1.el7ost	Unchanged	Unchanged	2.3.0-2.el7ost	2.3.0-4.el7ost
openstack-swift-object	2.3.0-1.el7ost	Unchanged	Unchanged	2.3.0-2.el7ost	2.3.0-4.el7ost
openstack-swift-plugin-swift3	1.7-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
openstack-swift-proxy	2.3.0-1.el7ost	Unchanged	Unchanged	2.3.0-2.el7ost	2.3.0-4.el7ost
openstack-tempest	kilo-20150708.2.el7ost	Unchanged	Unchanged	kilo-20151020.1.el7ost	Unchanged
openstack-trove	2015.1.0-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
openstack-trove-api	2015.1.0-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
openstack-trove-common	2015.1.0-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
openstack-trove-conductor	2015.1.0-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
openstack-trove-guestagent	2015.1.0-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
openstack-trove-taskmanager	2015.1.0-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
openstack-utils	2014.2-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
openvswitch	2.3.1-2.git20150113.el7	2.3.2-1.git20150730	Unchanged	2.4.0-1.el7.x86_64	Unchanged
oz	0.12.0-2.el7	Unchanged	Unchanged	Unchanged	Unchanged
plotnetcfg	0.3-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
pssh	2.3.1-5.el7ost	Unchanged	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
puppet	3.6.2-2.el7	Unchanged	Unchanged	Unchanged	Unchanged
puppet-server	3.6.2-2.el7	Unchanged	Unchanged	Unchanged	Unchanged
pyparsing	2.0.3-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
pyparsing-doc	2.0.3-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
pysendfile	2.0.0-5.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
pysnmp	4.2.5-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
pystache	0.5.3-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-alembic	0.7.4-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-amqp	1.4.6-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-amqp-doc	1.4.6-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-amqplib	1.0.2-7.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-anyjson	0.3.3-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-babel	1.3-6.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-barbicanclient	3.0.3-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-barbicanclient-doc	3.0.3-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-boto	2.34.0-5.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-Bottleneck	0.6.0-4.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-Bottleneck-doc	0.6.0-4.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-bson	2.5.2-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-ceilometer	2015.1.0-8.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
python-ceilometerclient	1.0.13-1.el7ost	Unchanged	Unchanged	1.0.14-1.el7ost	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
python-ceilometerclient-doc	1.0.13-1.el7ost	Unchanged	Unchanged	1.0.14-1.el7ost	Unchanged
python-ceilometermiddleware	0.1.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-cffi	0.8.6-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-cffi-doc	0.8.6-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-cheetah	2.4.4-5.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-cinder	2015.1.0-3.el7ost	2015.1.0-5	2015.1.1-1.el7ost	2015.1.2-5.el7ost	Unchanged
python-cinderclient	1.2.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-cinderclient-doc	1.2.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-cliff	1.10.0-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-cliff-tablib	1.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-cmd2	0.6.7-5.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-croniter	0.3.4-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-crypto	2.6.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-cryptography	0.8.2-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-d2to1	0.2.10-1.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-debtcollector	0.3.0-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-debtcollector-doc	0.3.0-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
python-designate	2015.1.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-designateclient	1.2.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-django	1.8.3-1.el7	Unchanged	1.8.4-1.el7	Unchanged	1.8.7-1.el7
python-django-appconf	0.6-3.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-django-bash-completion	1.8.3-1.el7	Unchanged	1.8.4-1.el7	Unchanged	1.8.7-1.el7
python-django-compressor	1.4-3.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-django-doc	1.8.3-1.el7	Unchanged	1.8.4-1.el7	Unchanged	1.8.7-1.el7
python-django-horizon	2015.1.0-10.el7ost	2015.1.0-11	2015.1.1-2.el7ost	2015.1.2-4.el7ost	Unchanged
python-django-horizon-doc	2015.1.0-10.el7ost	2015.1.0-11	2015.1.1-2.el7ost	2015.1.2-4.el7ost	Unchanged
python-django-openstack-auth	1.2.0-3.el7ost	1.2.0-4	1.2.0-5.el7ost	Unchanged	Unchanged
python-django-pyscss	1.0.5-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-dns	1.12.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-docutils	0.12-0.2.20140510svn7747.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-dogpile-cache	0.5.5-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-dogpile-core	0.4.1-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-ecdsa	0.11-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-elasticsearch	1.4.0-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
python-enum34	1.0-4.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-eventlet	0.17.3-1.el7ost	0.17.4-1	Unchanged	0.17.4-2.el7ost	Unchanged
python-extras	0.0.3-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-fixtures	0.3.14-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-flask	0.10.1-5.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-flask-doc	0.10.1-5.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-futures	2.1.6-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-glance	2015.1.0-6.el7ost	2015.1.0-7	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
python-glanceclient	0.17.0-2.el7ost	Unchanged	Unchanged	Unchanged	0.17.3-2.el7ost
python-glanceclient-doc	0.17.0-2.el7ost	Unchanged	Unchanged	Unchanged	0.17.3-2.el7ost
python-glance-store	0.4.0-1.el7ost	Unchanged	0.4.0-2.el7ost	0.4.0-3.el7ost	Unchanged
python-gnocchi	1.0.0-3.el7ost	1.0.0-4	Unchanged	Unchanged	Unchanged
python-greenlet	0.4.2-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-heatclient	0.6.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-heatclient-doc	0.6.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-httplib2	0.7.7-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-ironicclient	0.5.1-9.el7ost	Unchanged	0.5.1-11.el7ost	0.5.1-12.el7ost	Unchanged
python-iso8601	0.1.10-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-itsdangerous	0.23-1.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-jinja2	2.7.2-2.el7	Unchanged	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
python-jsonpatch	1.2-2.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-jsonpath-rw	1.2.3-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-jsonpointer	1.0-2.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-jsonrpclib	0.1.3-1.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-JSONSchema	2.3.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-junitxml	0.7-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-kazoo	2.0-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-kazoo-doc	2.0-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-keyring	5.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-keystone	2015.1.0-4.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-2.el7ost	Unchanged
python-keystoneclient	1.3.0-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-keystoneclient-doc	1.3.0-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-keystoneclient-kerberos	0.1.4-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-keystonemiddleware	1.5.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-keystonemiddleware-doc	1.5.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-kombu	3.0.23-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-ldapool	1.0-4.el7ost	Unchanged	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
python-lesscpy	0.9j-4.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-lockfile	0.9.1-5.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-logutils	0.3.3-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-lxml	-	-	3.2.1-5.el7ost.x86_64	Unchanged	Unchanged
python-manila	2015.1.0-1.el7ost	2015.1.0-2	Unchanged	Unchanged	Unchanged
python-manilaclient	1.1.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-manilaclient-doc	1.1.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-markdown	2.4.1-1.1.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-memcached	---	---	---	---	1.53-3.el7ost
python-migrate	0.9.6-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-mimeparse	0.1.4-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-mock	1.0.1-5.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-mox	0.5.3-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-mox3	0.7.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-msgpack	0.4.6-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-ncclient	0.4.2-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-netaddr	0.7.12-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-netifaces	0.10.4-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-networking-bigswitch	-	-	2015.1.38-1.el7ost	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
python-networking-csico	2015.1.0-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-networkx	1.8.1-13.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-networkx-core	1.8.1-13.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-networkx-doc	1.8.1-13.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-neutron	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
python-neutronclient	2.4.0-1.el7ost	2.4.0-2	Unchanged	Unchanged	Unchanged
python-neutron-fwaas	2015.1.0-3.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
python-neutron-fwaas-tests	2015.1.0-3.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
python-neutron-lbaas	2015.1.0-5.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
python-neutron-lbaas-tests	2015.1.0-5.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
python-neutron-tests	2015.1.0-12.el7ost	2015.1.0-16	2015.1.1-6.el7ost	2015.1.2-3.el7ost	2015.1.2-9.el7ost
python-neutron-vpnaas	2015.1.0-5.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
python-neutron-vpnaas-tests	2015.1.0-5.el7ost	Unchanged	2015.1.1-1.el7ost	2015.1.2-1.el7ost	Unchanged
python-nova	2015.1.0-16.el7ost	2015.1.0-18	2015.1.1-1.el7ost	2015.1.2-7.el7ost	2015.1.2-18.el7ost
python-novaclient	2.23.0-1.el7ost	Unchanged	Unchanged	2.23.0-2.el7ost	Unchanged
python-novaclient-doc	2.23.0-1.el7ost	Unchanged	Unchanged	2.23.0-2.el7ost	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
python-numexpr	2.3-5.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oauthlib	0.6.0-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-openstackclient	1.0.3-2.el7ost	Unchanged	Unchanged	1.0.3-3.el7ost	Unchanged
python-openstackclient-doc	1.0.3-2.el7ost	Unchanged	Unchanged	1.0.3-3.el7ost	Unchanged
python-openvswitch	2.3.1-2.git20150113.el7	2.3.2-1.git20150730	Unchanged	2.4.0-1.el7	Unchanged
python-oslo-concurrency	1.8.0-1.el7ost	1.8.2-1	Unchanged	Unchanged	Unchanged
python-oslo-concurrency-doc	1.8.0-1.el7ost	1.8.2-1	Unchanged	Unchanged	Unchanged
python-oslo-config	1.9.3-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-config-doc	1.9.3-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-context	0.2.0-5.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-context-doc	0.2.0-5.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-db	1.7.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-db-doc	1.7.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-i18n	1.5.0-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-i18n-doc	1.5.0-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-log	1.0.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
python-oslo-log-doc	1.0.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-messaging	1.8.3-1.el7ost	Unchanged	Unchanged	Unchanged	1.8.3-3.el7ost
python-oslo-messaging-doc	1.8.3-1.el7ost	Unchanged	Unchanged	Unchanged	1.8.3-3.el7ost
python-oslo-middleware	1.0.0-2.el7ost	Unchanged	Unchanged	Unchanged	1.0.0-3.el7ost
python-oslo-middleware-doc	1.0.0-2.el7ost	Unchanged	Unchanged	Unchanged	1.0.0-3.el7ost
python-oslo-policy	0.3.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-policy-doc	0.3.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-rootwrap	1.6.0-1.el7ost	Unchanged	Unchanged	1.6.0-2.el7ost	Unchanged
python-oslo-serialization	1.4.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-serialization-doc	1.4.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-sphinx	2.5.0-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslotest	1.5.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-utils	1.4.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-utils-doc	1.4.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-versionedobjects	0.1.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-versionedobjects-doc	0.1.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
python-oslo-vmware	0.11.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-oslo-vmware-doc	0.11.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-osprofiler	0.3.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-osprofiler-doc	0.3.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-pandas	0.16.0-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-paramiko	1.15.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-passlib	1.5.3-4.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-paste-deploy	1.5.0-10.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-pbr	0.10.8-1.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-pecan	0.8.3-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-pint	0.6-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-ply	3.4-4.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-posix_ipc	0.9.8-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-pretend	1.0.8-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-prettytable	0.7.2-1.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-psutil	1.2.1-1.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-pyasn1-modules	0.1.6-2.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-pycadf	0.8.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-pycparser	2.10-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-pyeclib	1.0.7-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
python-pyghmi	0.5.9-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-pygments	1.4-9.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-pymemcache	1.2.5-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-pymongo	2.5.2-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-pymongo-gridfs	2.5.2-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-pysaml2	3.0.0-0.3.git40603ae.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-pysaml2-doc	3.0.0-0.3.git40603ae.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-pytimeparse	1.1.4-1.el7ost	1.1.5-1	Unchanged	Unchanged	Unchanged
python-qpidd	0.30-6.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-qpidd-proton	0.9-2.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-qpidd-qmf	0.30-6.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-redis	2.10.3-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-repoze-lru	0.4-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-repoze-who	2.1-4.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-requests	2.7.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-requests-kerberos	0.6-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-requests-mock	0.6.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
python-requests-oauthlib	0.4.0-6.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-retrying	1.2.3-4.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-rfc3986	0.2.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-routes	1.13-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-saharaclient	0.9.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-saslwrapper	0.22-5.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-scss	1.2.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-semantic_version	2.4.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-semantic_version-doc	2.4.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-simplegeneric	0.8-7.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-simplejson	3.5.3-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-singledispatch	3.4.0.2-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-six	1.9.0-1.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-speaklater	1.3-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-sqlalchemy	1.0.5-1.el7ost	Unchanged	1.0.8-1.el7ost.x86_64	Unchanged	Unchanged
python-sqlalchemy-utils	0.30.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-sqlparse	0.1.11-4.el7ost	Unchanged	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
python-stevedore	1.3.0-1.1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-subunit	1.0.0-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-swiftclient	2.4.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-swiftclient-doc	2.4.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-sysv_ipc	0.4.2-11.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-tables	3.1.1-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-tables-doc	3.1.1-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-taskflow	0.7.1-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-taskflow-doc	0.7.1-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-tempest-lib	0.5.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-tempest-lib-doc	0.5.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-testrepository	0.0.20-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-testresources	0.2.7-6.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-testscenarios	0.4-4.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-testtools	1.1.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-testtools-doc	1.1.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-tooaz	0.13.2-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-tooaz-doc	0.13.2-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-trollius	1.0.4-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
python-trove	2015.1.0-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-troveclient	1.0.9-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-tuskarclient	0.1.18-3.el7ost	Unchanged	0.1.18-4.el7ost	0.1.18-5.el7ost	Unchanged
python-urllib3	1.10.4-1.20150503gita91975b.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-versiontools	1.9.1-4.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-voluptuous	0.8.5-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-warlock	1.0.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-webob	1.2.3-6.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-websockify	0.6.0-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-webtest	1.3.4-6.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-werkzeug	0.9.1-1.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-werkzeug-doc	0.9.1-1.el7	Unchanged	Unchanged	Unchanged	Unchanged
python-wrapt	1.10.4-5.1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-wsme	0.6-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic	1.0.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-Angular	1.3.7.0-4.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-Angular-Bootstrap	0.11.0.2-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
python-XStatic-Angular-Irdragndrop	1.0.2.2-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-Angular-Mock	1.2.1.1-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-Bootstrap-Datepicker	1.3.1.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-Bootstrap-SCSS	3.2.0.0-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-D3	3.1.6.2-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-Font-Awesome	4.1.0.0-4.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-Hogan	2.0.0.2-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-Jasmine	1.3.1.1-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-jQuery	1.10.2.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-JQuery-Migrate	1.2.1.1-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-JQuery-quicksearch	2.0.3.1-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-JQuery-TableSorter	2.14.5.1-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-jquery-ui	1.10.4.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-JSEncrypt	2.0.0.2-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-Magic-Search	0.2.0.1-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
python-XStatic-QUnit	1.14.0.2-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-Rickshaw	1.5.0.0-4.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-smart-table	1.4.5.3-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-Spin	1.2.5.2-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-XStatic-termjs	0.0.4.2-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-zaqarclient	0.1.0-3.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
python-zope-interface	4.0.5-4.el7	Unchanged	Unchanged	Unchanged	Unchanged
qemu-img-rhev	2.1.2-23.el7_1.4	2.1.2-23	2.1.2-23.el7_1.9.x86_64	2.3.0-31.el7_2.4.x86_64	2.3.0-31.el7_2.7.x86_64
qemu-kvm-common-rhev	2.1.2-23.el7_1.4	2.1.2-23	2.1.2-23.el7_1.9.x86_64	2.3.0-31.el7_2.4.x86_64	2.3.0-31.el7_2.7.x86_64
qemu-kvm-rhev	2.1.2-23.el7_1.4	2.1.2-23	2.1.2-23.el7_1.9.x86_64	2.3.0-31.el7_2.4.x86_64	2.3.0-31.el7_2.7.x86_64
qemu-kvm-tools-rhev	2.1.2-23.el7_1.4	2.1.2-23	2.1.2-23.el7_1.9.x86_64	2.3.0-31.el7_2.4.x86_64	2.3.0-31.el7_2.7.x86_64
qpid-cpp-client	0.30-8.el7	Unchanged	Unchanged	Unchanged	Unchanged
qpid-cpp-server	0.30-8.el7	Unchanged	Unchanged	Unchanged	Unchanged
qpid-cpp-server-ha	0.30-8.el7	Unchanged	Unchanged	Unchanged	Unchanged
qpid-proton-c	0.9-2.el7	Unchanged	Unchanged	Unchanged	Unchanged
qpid-qmf	0.30-6.el7	Unchanged	Unchanged	Unchanged	Unchanged
qpid-tools	0.30-5.el7	Unchanged	Unchanged	Unchanged	Unchanged

Package Name	7.0.0	7.0.1	7.0.2	7.0.3	7.0.4
rabbitmq-server	3.3.5-3.el7ost	3.3.5-4	3.3.5-5.el7ost	3.3.5-7.el7ost	3.3.5-16.el7ost
redhat-access-plugin-openstack	7.0.0-0.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
redis	2.8.21-1.el7ost	Unchanged	Unchanged	2.8.21-2.el7ost.x86_64	2.8.24-1.el7ost.x86_64
ruby-augeas	0.5.0-1.el7	Unchanged	Unchanged	Unchanged	Unchanged
rubygem-rgen	0.6.6-2.1.el7	Unchanged	Unchanged	Unchanged	Unchanged
rubygem-rgen-doc	0.6.6-2.1.el7	Unchanged	Unchanged	Unchanged	Unchanged
ruby-libguestfs	1.28.1-1.18.el7	Unchanged	Unchanged	---	Unchanged
ruby-qpid-qmf	0.30-6.el7	Unchanged	Unchanged	Unchanged	Unchanged
ruby-saslwrapper	0.22-5.el7	Unchanged	Unchanged	Unchanged	Unchanged
ruby-shadow	1.4.1-21.el7	Unchanged	Unchanged	Unchanged	Unchanged
sahara-image-elements	2015.1.0-3.el7ost	Unchanged	Unchanged	2015.1.0-5.el7ost	Unchanged
saslwrapper	0.22-5.el7	Unchanged	Unchanged	Unchanged	Unchanged
sos	3.2-16.el7ost.2	3.2-16	3.2-16.el7ost.5	3.2-36.el7ost.1	Unchanged
subunit	1.0.0-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
subunit-filters	1.0.0-2.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
v8	3.14.5.10-18.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
virt-v2v	1.28.1-1.18.el7	Unchanged	Unchanged	---	Unchanged
web-assets-filesystem	5-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
web-assets-httpd	5-1.el7ost	Unchanged	Unchanged	Unchanged	Unchanged
yaml-cpp	0.5.1-7.el7ost	Unchanged	Unchanged	Unchanged	Unchanged

A. REVISION HISTORY

Revision 7.0.0-0	Tue Jul 21 2015	Don Domingo
Release for Red Hat Enterprise Linux OpenStack Platform 7.0.		