

# Dependency checker Tue, 10 Mar 2015 10:27:22 +0300

Upstream URL: URL  
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MOS gerrit URL:  
MOS gerrit branch:

## ceilometer

Package name	DEPENDENCIES
• oslo.rootwrap	>=1.3.0; <=1.5.0;
• oslo.utils	>=1.0.0; <=1.2.1;
• eventlet	>=0.15.1; <=0.15.2;
• keystonemiddleware	>=1.0.0; <1.4.0;
• python-neutronclient	>=2.3.6; <3;
• python-glanceclient	>=0.14.0; <=0.15.0;
jsonschema	>=2.0.0; <3.0.0;
• requests	>=2.1.0; <=2.2.1; !=2.4.0;
• netaddr	>=0.7.12; <=0.7.13;
werkzeug	>=0.7;
• python-novaclient	>=2.18.0; <=2.20.0;
• oslo.i18n	>=1.0.0; <=1.3.1;
• PasteDeploy	>=1.5.0; <=1.5.2;
• stevedore	>=1.0.0; <=1.2.0;
• python-keystoneclient	>=0.10.0; <=1.1.0;
• PyYAML	>=3.1.0; <=3.10;
• oslo.concurrency	>=0.3.0;
pysnmp	>=4.2.1; <5.0.0;
• oslo.messaging	>=1.4.0; <1.5.0;
• oslo.context	<=0.1.0; >=0.1.0;

• <b>pytz</b>	<=2014.10;
• <b>oslo.config</b>	>=1.4.0; <=1.6.0;
• <b>six</b>	>=1.9.0; <=1.9.0;
• <b>WSME</b>	>=0.6; <=0.6.4;
• <b>retrying</b>	>=1.2.2; !=1.3.0; <=1.3.3;
• <b>iso8601</b>	>=0.1.9; <=0.1.10;
• <b>SQLAlchemy</b>	>=0.8.4; !=0.9.0; !=0.9.1; !=0.9.2; !=0.9.3; !=0.9.4; !=0.9.5; !=0.9.6; <=0.9.99;
• <b>python-swiftclient</b>	>=2.2.0; <=2.3.1;
• <b>posix_ipc</b>	<=0.9.9;
• <b>python-ceilometerclient</b>	>=1.0.6; <=1.0.12;
• <b>msgpack-python</b>	>=0.4.0; <=0.4.5;
• <b>tooz</b>	>=0.3; <=0.12;
• <b>lxml</b>	>=2.3; <=3.3.3;
• <b>oslo.db</b>	>=1.0.0; <1.1;
• <b>oslo.serialization</b>	>=1.0.0; <=1.2.0;
• <b>WebOb</b>	>=1.2.3; <=1.3.1;
pbr	>=0.6; !=0.7; <1.0;
• <b>sqlalchemy-migrate</b>	==0.9.1;
oslo.middleware	>=0.3.0;
jsonpath-rw	>=1.2.0; <2.0;
• <b>alembic</b>	>=0.6.4; <=0.7.4;
• <b>pecan</b>	>=0.5.0; <=0.8.3;
• <b>croniter</b>	>=0.3.4; <=0.3.5;

## cinder

Package name	DEPENDENCIES
• <b>taskflow</b>	>=0.4; <0.7.0;
• <b>oslo.rootwrap</b>	>=1.3.0; <=1.5.0;
• <b>Babel</b>	<=1.3; >=1.3;

• <b>rtslib-fb</b>	>=2.1.39; <=2.1.51;
• <b>eventlet</b>	>=0.15.1; <=0.15.2;
• <b>keystonemiddleware</b>	>=1.0.0; <1.4.0;
• <b>python-glanceclient</b>	>=0.14.0; <=0.15.0;
• <b>oslo.serialization</b>	>=1.0.0; <=1.2.0;
• <b>requests</b>	>=2.1.0; <=2.2.1; !=2.4.0;
• <b>netaddr</b>	>=0.7.12; <=0.7.13;
• <b>anyjson</b>	>=0.3.3; <=0.3.3;
• <b>python-novaclient</b>	>=2.18.0; <=2.20.0;
• <b>oslo.i18n</b>	>=1.0.0; <=1.3.1;
• <b>PasteDeploy</b>	>=1.5.0; <=1.5.2;
• <b>stevedore</b>	>=1.0.0; <=1.2.0;
• <b>Paste</b>	<=1.7.5.1;
• <b>oslo.utils</b>	>=1.0.0; <=1.2.1;
• <b>oslo.concurrency</b>	>=0.3.0;
• <b>kombu</b>	==3.0.7;
• <b>oslo.messaging</b>	>=1.4.0; <1.5.0;
• <b>oslo.context</b>	<=0.1.0; >=0.1.0;
• <b>oslo.config</b>	>=1.4.0; <=1.6.0;
• <b>pyparsing</b>	>=2.0.1; <=2.0.3;
• <b>six</b>	>=1.7.0; <=1.9.0;
• <b>retrying</b>	>=1.2.2; !=1.3.0; <=1.3.3;
• <b>suds</b>	==0.4;
• <b>iso8601</b>	>=0.1.9; <=0.1.10;
• <b>SQLAlchemy</b>	>=0.8.4; !=0.9.0; !=0.9.1; !=0.9.2; !=0.9.3; !=0.9.4; !=0.9.5; !=0.9.6; <=0.9.99;
• <b>pycrypto</b>	>=2.6; <=2.6.1;
• <b>python-swiftclient</b>	>=2.2.0; <=2.3.1;
• <b>Routes</b>	>=1.12.3; !=2.0; <=2.1;

• lxml	>=2.3; <=3.3.3;
• oslo.db	>=1.0.0; <1.1;
• python-barbicanclient	>=2.1.0; !=3.0.0; <3.0.2;
• WebOb	>=1.2.3; <=1.3.1;
pbr	>=0.6; !=0.7; <1.0;
• greenlet	>=0.3.2; <=0.4.2;
• oslo.vmware	>=0.6.0; <0.9.0;
• sqlalchemy-migrate	==0.9.1;
• paramiko	>=1.13.0; <=1.15.2;
• osprofiler	<=0.3.0; >=0.3.0;

## glance

Package name	DEPENDENCIES
• taskflow	>=0.4; <0.7.0;
• oslo.i18n	>=1.0.0; <=1.3.1;
• oslo.utils	>=1.0.0; <=1.2.1;
• eventlet	>=0.15.1; <=0.15.2;
• keystonemiddleware	>=1.0.0; <1.4.0;
jsonschema	>=2.0.0; <3.0.0;
• anyjson	>=0.3.3; <=0.3.3;
• WebOb	>=1.2.3; <=1.3.1;
• python-keystoneclient	>=0.10.0; <=1.1.0;
• stevedore	>=1.0.0; <=1.2.0;
• Paste	<=1.7.5.1;
• PasteDeploy	>=1.5.0; <=1.5.2;
• oslo.concurrency	>=0.3.0;
• kombu	==3.0.7;
• oslo.messaging	>=1.4.0; <1.5.0;
• oslo.context	<=0.1.0; >=0.1.0;

• oslo.config	>=1.4.0; <=1.6.0;
• six	>=1.9.0; <=1.9.0;
• httplib2	>=0.7.5; <=0.9;
• WSME	>=0.6; <=0.6.4;
• retrying	>=1.2.2; !=1.3.0; <=1.3.3;
• pyOpenSSL	>=0.11; <=0.13;
• iso8601	>=0.1.9; <=0.1.10;
semantic_version	>=2.3.1;
• glance_store	>=0.1.1; <=0.1.10;
• SQLAlchemy	>=0.8.4; !=0.9.0; !=0.9.1; !=0.9.2; !=0.9.3; !=0.9.4; !=0.9.5; !=0.9.6; <=0.9.99;
• pycrypto	>=2.6; <=2.6.1;
• python-swiftclient	>=2.2.0; <=2.3.1;
• Routes	>=1.12.3; !=2.0; <=2.1;
• posix_ipc	<=0.9.9;
• oslo.db	>=1.0.0; <1.1;
• oslo.serialization	>=1.0.0; <=1.2.0;
pbr	>=0.6; !=0.7; <1.0;
• greenlet	>=0.3.2; <=0.4.2;
• oslo.vmware	>=0.6.0; <0.9.0;
• sqlalchemy-migrate	==0.9.1;
• ordereddict	<=1.1;
• osprofiler	<=0.3.0; >=0.3.0;

## glance\_store

Package name	DEPENDENCIES
enum34	
• oslo.i18n	>=1.0.0; <=1.3.1;
• oslo.utils	>=1.0.0; <=1.2.1;
• eventlet	>=0.15.1; <=0.15.2;

• oslo.config	>=1.4.0; <=1.6.0;
• oslo.concurrency	>=0.3.0;
• oslo.serialization	>=1.0.0; <=1.2.0;
• python-cinderclient	>=1.1.0; <=1.1.1;
jsonschema	>=2.0.0; <3.0.0;
• ordereddict	<=1.1;
• stevedore	>=1.0.0; <=1.2.0;
• six	>=1.7.0; <=1.9.0;

## heat

Package name	DEPENDENCIES
• WebOb	>=1.2.3; <=1.3.1;
• oslo.i18n	>=1.0.0; <=1.3.1;
• Babel	<=1.3; >=1.3;
• PyYAML	>=3.1.0; <=3.10;
• eventlet	>=0.15.1; <=0.15.2;
• python-heatclient	>=0.2.9; <0.3.0;
• keystonemiddleware	>=1.0.0; <1.4.0;
• python-saharaclient	>=0.7.3; <=0.7.6;
• python-glanceclient	>=0.14.0; <=0.15.0;
• python-neutronclient	>=2.3.6; <3;
• requests	>=2.1.0; <=2.2.1; !=2.4.0;
• netaddr	>=0.7.12; <=0.7.13;
• python-novaclient	>=2.18.0; <=2.20.0;
• python-keystoneclient	>=0.10.0; <=1.1.0;
• stevedore	>=1.0.0; <=1.2.0;
• PasteDeploy	>=1.5.0; <=1.5.2;
• oslo.utils	>=1.0.0; <=1.2.1;
• kombu	==3.0.7;

• <b>oslo.messaging</b>	>=1.4.0; <1.5.0;
• <b>oslo.context</b>	<=0.1.0; >=0.1.0;
• <b>oslo.config</b>	>=1.4.0; <=1.6.0;
• <b>six</b>	>=1.9.0; <=1.9.0;
• <b>httplib2</b>	>=0.7.5; <=0.9;
• <b>iso8601</b>	>=0.1.9; <=0.1.10;
• <b>SQLAlchemy</b>	>=0.8.4; !=0.9.0; !=0.9.1; !=0.9.2; !=0.9.3; !=0.9.4; !=0.9.5; !=0.9.6; <=0.9.99;
• <b>pycrypto</b>	>=2.6; <=2.6.1;
• <b>python-troveclient</b>	>=1.0.4; <=1.0.8;
• <b>python-swiftclient</b>	>=2.2.0; <=2.3.1;
• <b>Routes</b>	>=1.12.3; !=2.0; <=2.1;
• <b>posix_ipc</b>	<=0.9.9;
• <b>python-ceilometerclient</b>	>=1.0.6; <=1.0.12;
• <b>qpidd-python</b>	<=0.26.1;
oslo.log	>=0.4.0;
• <b>lxml</b>	>=2.3; <=3.3.3;
• <b>oslo.db</b>	>=1.0.0; <1.1;
• <b>oslo.serialization</b>	>=1.0.0; <=1.2.0;
• <b>python-cinderclient</b>	>=1.1.0; <=1.1.1;
pbr	>=0.6; !=0.7; <1.0;
• <b>greenlet</b>	>=0.3.2; <=0.4.2;
• <b>sqlalchemy-migrate</b>	==0.9.1;
oslo.middleware	>=0.3.0;
• <b>osprofiler</b>	<=0.3.0; >=0.3.0;

## horizon

Package name	DEPENDENCIES
XStatic-JQuery.quicksearch	>=2.0.3.1;
• <b>django_compressor</b>	<=1.4; >=1.4;
XStatic-term.js	>=0.0.4;

• oslo.i18n	>=1.0.0; <=1.3.1;
• Babel	<=1.3; >=1.3;
• PyYAML	>=3.1.0; <=3.10;
• eventlet	>=0.15.1; <=0.15.2;
• python-heatclient	>=0.2.9; <0.3.0;
• python-saharaclient	>=0.7.3; <=0.7.6;
• python-glanceclient	>=0.14.0; <=0.15.0;
XStatic-Angular-Irdragndrop	>=1.0.2.1;
• netaddr	>=0.7.12; <=0.7.13;
XStatic-Bootstrap-Datepicker	>=1.3.1.0;
• python-novaclient	>=2.18.0; <=2.20.0;
• django_openstack_auth	>=1.1.7; !=1.1.8; <=1.1.9;
XStatic-jquery-ui	>=1.10.1;
• python-keystoneclient	>=0.10.0; <=1.1.0;
XStatic-Hogan	>=2.0.0.2;
• oslo.utils	>=1.0.0; <=1.2.1;
XStatic-Jasmine	>=2.1.2.0;
XStatic-smart-table	>=1.4.5.3;
• oslo.serialization	>=1.0.0; <=1.2.0;
XStatic-Angular	>=1.3.7;
XStatic-Bootstrap-SCSS	>=3;
• kombu	==3.0.7;
Pint	>=0.5;
XStatic-Font-Awesome	>=4.2.0;
• oslo.config	>=1.4.0; <=1.6.0;
• six	>=1.7.0; <=1.9.0;
• httplib2	>=0.7.5; <=0.9;
XStatic-Rickshaw	>=1.5.0;
XStatic-D3	>=3.1.6.2;
• iso8601	>=0.1.9; <=0.1.10;
XStatic-JQuery.TableSorter	>=2.0.5;
XStatic-JQuery-Migrate	>=1.2.1.1;



XStatic-Spin	>=1.2.5.2;
• <b>python-troveclient</b>	>=1.0.4; <=1.0.8;
• <b>python-swiftclient</b>	>=2.2.0; <=2.3.1;
• <b>pytz</b>	<=2014.10;
• <b>python-ceilometerclient</b>	>=1.0.6; <=1.0.12;
XStatic-jQuery	>=1.7.2;
XStatic-JSEncrypt	>=2.0.0.2;
XStatic-QUnit	>=1.14.0.2;
Django	>=1.4.2; <1.7;
• <b>python-neutronclient</b>	>=2.3.6; <3;
• <b>python-cinderclient</b>	>=1.1.0; <=1.1.1;
pbr	>=0.6; !=0.7; <1.0;
XStatic	>=1.0.0;
• <b>django-pyscss</b>	>=1.0.3; <=1.0.6;
pyScss	>=1.2.1; <1.3;
XStatic-Angular-Bootstrap	>=0.11.0.2;
• <b>oslo.concurrency</b>	>=0.3.0;

## keystone

Package name	DEPENDENCIES
• <b>oslo.i18n</b>	>=1.0.0; <=1.3.1;
• <b>oslo.utils</b>	>=1.0.0; <=1.2.1;
• <b>eventlet</b>	>=0.15.1; <=0.15.2;
• <b>keystonemiddleware</b>	>=1.0.0; <1.4.0;
• <b>passlib</b>	<=1.6.2;
jsonschema	>=2.0.0; <3.0.0;
• <b>netaddr</b>	>=0.7.12; <=0.7.13;
• <b>pycadf</b>	>=0.6.0; <0.7.0;
• <b>WebOb</b>	>=1.2.3; <=1.3.1;
• <b>python-keystoneclient</b>	>=0.10.0; <=1.1.0;
cryptography	>=0.4;

• <b>Paste</b>	<=1.7.5.1;
• <b>PasteDeploy</b>	>=1.5.0; <=1.5.2;
• <b>oauthlib</b>	>=0.6; <=0.7.2;
• <b>oslo.concurrency</b>	>=0.3.0;
• <b>oslo.messaging</b>	>=1.4.0; <1.5.0;
• <b>oslo.config</b>	>=1.4.0; <=1.6.0;
• <b>six</b>	>=1.9.0; <=1.9.0;
pysaml2	
• <b>iso8601</b>	>=0.1.9; <=0.1.10;
• <b>sqlalchemy-migrate</b>	==0.9.1;
• <b>Routes</b>	>=1.12.3; !=2.0; <=2.1;
• <b>posix_ipc</b>	<=0.9.9;
• <b>msgpack-python</b>	>=0.4.0; <=0.4.5;
oslo.log	>=0.4.0;
• <b>dogpile.cache</b>	>=0.5.3; <=0.5.6;
• <b>oslo.db</b>	>=1.0.0; <1.1;
• <b>oslo.serialization</b>	>=1.0.0; <=1.2.0;
pbr	>=0.6; !=0.7; <1.0;
• <b>greenlet</b>	>=0.3.2; <=0.4.2;
• <b>SQLAlchemy</b>	>=0.8.4; !=0.9.0; !=0.9.1; !=0.9.2; !=0.9.3; !=0.9.4; !=0.9.5; !=0.9.6; <=0.9.99;
oslo.policy	>=0.3.0;
oslo.middleware	>=0.3.0;

## neutron

Package name	DEPENDENCIES
• <b>oslo.rootwrap</b>	>=1.3.0; <=1.5.0;
• <b>oslo.utils</b>	>=1.0.0; <=1.2.1;
• <b>eventlet</b>	>=0.15.1; <=0.15.2;
• <b>jsonrpclib</b>	<=0.1.3;
• <b>oslo.serialization</b>	>=1.0.0; <=1.2.0;

• requests	>=2.1.0; <=2.2.1; !=2.4.0;
• netaddr	>=0.7.12; <=0.7.13;
• python-novaclient	>=2.18.0; <=2.20.0;
• oslo.i18n	>=1.0.0; <=1.3.1;
• python-keystoneclient	>=0.10.0; <=1.1.0;
• stevedore	>=1.0.0; <=1.2.0;
• Paste	<=1.7.5.1;
• PasteDeploy	>=1.5.0; <=1.5.2;
• oslo.concurrency	>=0.3.0;
• oslo.messaging	>=1.4.0; <1.5.0;
• oslo.context	<=0.1.0; >=0.1.0;
• oslo.config	>=1.4.0; <=1.6.0;
• keystonemiddleware	>=1.0.0; <1.4.0;
• six	>=1.9.0; <=1.9.0;
• httplib2	>=0.7.5; <=0.9;
• Jinja2	<=2.7.2;
• retrying	>=1.2.2; !=1.3.0; <=1.3.3;
• SQLAlchemy	>=0.8.4; !=0.9.0; !=0.9.1; !=0.9.2; !=0.9.3; !=0.9.4; !=0.9.5; !=0.9.6; <=0.9.99;
• Routes	>=1.12.3; !=2.0; <=2.1;
• oslo.db	>=1.0.0; <1.1;
• python-neutronclient	>=2.3.6; <3;
• WebOb	>=1.2.3; <=1.3.1;
pbr	>=0.6; !=0.7; <1.0;
• greenlet	>=0.3.2; <=0.4.2;
• alembic	>=0.6.4; <=0.7.4;
oslo.middleware	>=0.3.0;

## nova

Package name	DEPENDENCIES
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• WebOb	>=1.2.3; <=1.3.1;
• oslo.rootwrap	>=1.3.0; <=1.5.0;
• Babel	<=1.3; >=1.3;
• oslo.utils	>=1.0.0; <=1.2.1;
• eventlet	>=0.15.1; <=0.15.2;
• keystonemiddleware	>=1.0.0; <1.4.0;
• python-glanceclient	>=0.14.0; <=0.15.0;
• oslo.serialization	>=1.0.0; <=1.2.0;
• netaddr	>=0.7.12; <=0.7.13;
• oslo.i18n	>=1.0.0; <=1.3.1;
• PasteDeploy	>=1.5.0; <=1.5.2;
• stevedore	>=1.0.0; <=1.2.0;
• Paste	<=1.7.5.1;
• decorator	<=3.4.0; >=3.4.0;
• oslo.concurrency	>=0.3.0;
• rfc3986	<=0.2.0; >=0.2.0;
• oslo.messaging	>=1.4.0; <1.5.0;
• oslo.context	<=0.1.0; >=0.1.0;
• oslo.config	>=1.4.0; <=1.6.0;
• six	>=1.9.0; <=1.9.0;
• Jinja2	<=2.7.2;
• suds	==0.4;
• iso8601	>=0.1.9; <=0.1.10;
• SQLAlchemy	>=0.8.4; !=0.9.0; !=0.9.1; !=0.9.2; !=0.9.3; !=0.9.4; !=0.9.5; !=0.9.6; <=0.9.99;
psutil	>=1.1.1; <2.0.0;
websockify	>=0.6.0; <0.7;
• Routes	>=1.12.3; !=2.0; <=2.1;
• pyasn1	<=0.1.7;
jsonschema	>=2.0.0; <3.0.0;

oslo.log	>=0.4.0;
• lxml	>=2.3; <=3.3.3;
• oslo.db	>=1.0.0; <1.1;
• python-neutronclient	>=2.3.6; <3;
• python-cinderclient	>=1.1.0; <=1.1.1;
pbr	>=0.6; !=0.7; <1.0;
• greenlet	>=0.3.2; <=0.4.2;
• oslo.vmware	>=0.6.0; <0.9.0;
• sqlalchemy-migrate	==0.9.1;
oslo.middleware	>=0.3.0;
• boto	>=2.32.1; <2.35.0;
• paramiko	>=1.13.0; <=1.15.2;

## oslo.concurrency

Package name	DEPENDENCIES
• oslo.i18n	>=1.3.0; <=1.3.1;
• Babel	<=1.3; >=1.3;
• retrying	>=1.2.2; !=1.3.0; <=1.3.3;
• iso8601	>=0.1.9; <=0.1.10;
• oslo.utils	>=1.0.0; <=1.2.1;
pbr	>=0.6; !=0.7; <1.0;
• fixtures	>=0.3.14; <=1.0.0;
• six	>=1.7.0; <=1.9.0;
• oslo.config	>=1.4.0; <=1.6.0;
• posix_ipc	<=0.9.9;

## oslo.config

Package name	DEPENDENCIES
argparse	
• netaddr	>=0.7.12; <=0.7.13;

• <b>stevedore</b>	>=1.0.0; <=1.2.0;
• <b>six</b>	>=1.7.0; <=1.9.0;
pbr	>=0.6; !=0.7; <1.0;

## oslo.context

Package name	DEPENDENCIES
• <b>Babel</b>	>=1.3; <=1.3;
pbr	>=0.6; !=0.7; <1.0;

## oslo.db

Package name	DEPENDENCIES
testscenarios	>=0.4;
• <b>oslo.i18n</b>	>=1.3.0; <=1.3.1;
• <b>Babel</b>	<=1.3; >=1.3;
• <b>oslo.utils</b>	>=1.0.0; <=1.2.1;
• <b>oslo.config</b>	>=1.4.0; <=1.6.0;
• <b>iso8601</b>	>=0.1.9; <=0.1.10;
pbr	>=0.6; !=0.7; <1.0;
• <b>sqlalchemy-migrate</b>	==0.9.1;
testresources	>=0.2.4;
• <b>alembic</b>	>=0.6.4; <=0.7.4;
• <b>stevedore</b>	>=1.0.0; <=1.2.0;
• <b>SQLAlchemy</b>	>=0.8.4; !=0.9.0; !=0.9.1; !=0.9.2; !=0.9.3; !=0.9.4; !=0.9.5; !=0.9.6; <=0.9.99;
• <b>six</b>	>=1.7.0; <=1.9.0;

## oslo.i18n

Package name	DEPENDENCIES
• <b>six</b>	>=1.7.0; <=1.9.0;
• <b>Babel</b>	>=1.3; <=1.3;
pbr	>=0.6; !=0.7; <1.0;

## oslo.log

Package name	DEPENDENCIES
• oslo.i18n	>=1.3.0; <=1.3.1;
• Babel	<=1.3; >=1.3;
• oslo.utils	>=1.0.0; <=1.2.1;
• iso8601	>=0.1.9; <=0.1.10;
• oslo.serialization	>=1.0.0; <=1.2.0;
pbr	>=0.6; !=0.7; <1.0;
• oslo.context	<=0.1.0; >=0.1.0;
• oslo.config	>=1.4.0; <=1.6.0;
• six	>=1.7.0; <=1.9.0;

## oslo.messaging

Package name	DEPENDENCIES
• oslo.i18n	>=1.3.0; <=1.3.1;
• PyYAML	>=3.1.0; <=3.10;
• oslo.utils	>=1.0.0; <=1.2.1;
• eventlet	>=0.15.1; <=0.15.2;
• oslo.config	>=1.4.0; <=1.6.0;
• oslo.serialization	>=1.0.0; <=1.2.0;
pbr	>=0.6; !=0.7; <1.0;
aioeventlet	>=0.4;
• kombu	==3.0.7;
trollius	>=1.0;
• futures	>=2.1.6; <=2.2.0;
• stevedore	>=1.0.0; <=1.2.0;
oslo.middleware	>=0.3.0;
• six	>=1.7.0; <=1.9.0;

## oslo.middleware

Package name	DEPENDENCIES
• oslo.i18n	>=1.3.0; <=1.3.1;
• Babel	<=1.3; >=1.3;
• oslo.config	>=1.4.0; <=1.6.0;
pbr	>=0.6; !=0.7; <1.0;
• WebOb	>=1.2.3; <=1.3.1;
• oslo.context	<=0.1.0; >=0.1.0;
• stevedore	>=1.0.0; <=1.2.0;
• six	>=1.7.0; <=1.9.0;

## oslo.rootwrap

Package name	DEPENDENCIES
• six	>=1.9.0; <=1.9.0;

## oslo.serialization

Package name	DEPENDENCIES
• Babel	<=1.3; >=1.3;
• oslo.utils	>=1.2.0; <=1.2.1;
• msgpack-python	>=0.4.0; <=0.4.5;
• iso8601	>=0.1.9; <=0.1.10;
pbr	>=0.6; !=0.7; <1.0;
• pytz	<=2014.10;
• six	>=1.7.0; <=1.9.0;

## oslosphinx

Package name	DEPENDENCIES
• requests	!=2.4.0; >=2.2.0; <=2.2.1;
pbr	>=0.6; !=0.7; <1.0;

## oslotest

Package name	DEPENDENCIES
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testscenarios	>=0.4;
• <b>testtools</b>	>=0.9.34; !=1.4.0; <=1.5.0;
• <b>six</b>	>=1.7.0; <=1.9.0;
• <b>testrepository</b>	>=0.0.18; <=0.0.20;
pbr	>=0.6; !=0.7; <1.0;
• <b>fixtures</b>	>=0.3.14; <=1.0.0;
discover	
mock	>=1.0;
• <b>python-subunit</b>	>=0.0.18; <=1.0.0;
mox3	>=0.7.0;

## oslo.utils

Package name	DEPENDENCIES
• <b>oslo.i18n</b>	>=1.3.0; <=1.3.1;
• <b>Babel</b>	<=1.3; >=1.3;
• <b>iso8601</b>	>=0.1.9; <=0.1.10;
pbr	>=0.6; !=0.7; <1.0;
• <b>netifaces</b>	>=0.10.4; <=0.10.4;
• <b>netaddr</b>	>=0.7.12; <=0.7.13;
• <b>six</b>	>=1.7.0; <=1.9.0;

## oslo.vmware

Package name	DEPENDENCIES
• <b>httplib2</b>	>=0.7.5; <=0.9;
• <b>oslo.i18n</b>	>=1.3.0; <=1.3.1;
• <b>Babel</b>	<=1.3; >=1.3;
• <b>oslo.utils</b>	>=1.0.0; <=1.2.1;
• <b>suds</b>	==0.4;
• <b>oslo.concurrency</b>	>=0.3.0;
• <b>iso8601</b>	>=0.1.9; <=0.1.10;

• oslo.serialization	>=1.0.0; <=1.2.0;
pbr	>=0.6; !=0.7; <1.0;
• requests	>=2.1.0; <=2.2.1; !=2.4.0;
• netaddr	>=0.7.12; <=0.7.13;
• eventlet	>=0.15.1; <=0.15.2;
urllib3	>=1.8.3;
• stevedore	>=1.0.0; <=1.2.0;
• PyYAML	>=3.1.0; <=3.10;
• six	>=1.7.0; <=1.9.0;

## python-barbicanclient

Package name	DEPENDENCIES
• cliff	>=1.7.0; <=1.9.0;
• oslo.i18n	>=1.3.0; <=1.3.1;
• oslo.utils	>=1.0.0; <=1.2.1;
• oslo.serialization	>=1.0.0; <=1.2.0;
pbr	>=0.6; !=0.7; <1.0;
• requests	>=2.1.0; <=2.2.1; !=2.4.0;
argparse	
• python-keystoneclient	>=0.10.0; <=1.1.0;
• six	>=1.7.0; <=1.9.0;

## python-ceilometerclient

Package name	DEPENDENCIES
• oslo.i18n	>=1.3.0; <=1.3.1;
• oslo.utils	>=1.0.0; <=1.2.1;
• iso8601	>=0.1.9; <=0.1.10;
• oslo.serialization	>=1.0.0; <=1.2.0;
pbr	>=0.6; !=0.7; <1.0;
• requests	>=2.1.0; <=2.2.1; !=2.4.0;

argparse	
• <b>python-keystoneclient</b>	>=0.10.0; <=1.1.0;
• <b>stevedore</b>	>=1.0.0; <=1.2.0;
PrettyTable	>=0.7; <0.8;
• <b>six</b>	>=1.7.0; <=1.9.0;

## python-cinderclient

Package name	DEPENDENCIES
PrettyTable	>=0.7; <0.8;
• <b>Babel</b>	<=1.3; >=1.3;
• <b>simplejson</b>	>=2.2.0; <=3.3.1;
pbr	>=0.6; !=0.7; <1.0;
• <b>requests</b>	>=2.1.0; <=2.2.1; !=2.4.0;
argparse	
• <b>python-keystoneclient</b>	>=0.10.0; <=1.1.0;
• <b>six</b>	>=1.7.0; <=1.9.0;

## python-glanceclient

Package name	DEPENDENCIES
• <b>oslo.i18n</b>	>=1.0.0; <=1.3.1;
• <b>Babel</b>	<=1.3; >=1.3;
• <b>oslo.utils</b>	>=1.0.0; <=1.2.1;
warlock	>=1.0.1; <2;
pbr	>=0.6; !=0.7; <1.0;
• <b>pyOpenSSL</b>	>=0.11; <=0.13;
• <b>requests</b>	>=2.1.0; <=2.2.1; !=2.4.0;
argparse	
• <b>python-keystoneclient</b>	>=0.10.0; <=1.1.0;
PrettyTable	>=0.7; <0.8;
• <b>six</b>	>=1.7.0; <=1.9.0;

## python-heatclient

Package name	DEPENDENCIES
• <b>python-keystoneclient</b>	>=0.10.0; <=1.1.0;
• <b>oslo.i18n</b>	>=1.3.0; <=1.3.1;
• <b>PyYAML</b>	>=3.1.0; <=3.10;
• <b>oslo.utils</b>	>=1.0.0; <=1.2.1;
• <b>iso8601</b>	>=0.1.9; <=0.1.10;
• <b>oslo.serialization</b>	>=1.0.0; <=1.2.0;
pbr	>=0.6; !=0.7; <1.0;
• <b>requests</b>	>=2.1.0; <=2.2.1; !=2.4.0;
argparse	
• <b>six</b>	>=1.7.0; <=1.9.0;
PrettyTable	>=0.7; <0.8;
• <b>Babel</b>	<=1.3; >=1.3;

## python-keystoneclient

Package name	DEPENDENCIES
• <b>oslo.i18n</b>	>=1.3.0; <=1.3.1;
• <b>Babel</b>	<=1.3; >=1.3;
• <b>oslo.utils</b>	>=1.0.0; <=1.2.1;
• <b>oslo.config</b>	>=1.4.0; <=1.6.0;
• <b>iso8601</b>	>=0.1.9; <=0.1.10;
• <b>oslo.serialization</b>	>=1.0.0; <=1.2.0;
pbr	>=0.6; !=0.7; <1.0;
• <b>requests</b>	>=2.1.0; <=2.2.1; !=2.4.0;
• <b>netaddr</b>	>=0.7.12; <=0.7.13;
argparse	
• <b>six</b>	>=1.7.0; <=1.9.0;
• <b>stevedore</b>	>=1.0.0; <=1.2.0;
PrettyTable	>=0.7; <0.8;

## python-neutronclient

Package name	DEPENDENCIES
• cliff	>=1.7.0; <=1.9.0;
• oslo.i18n	>=1.3.0; <=1.3.1;
• simplejson	>=2.2.0; <=3.3.1;
• oslo.utils	>=1.0.0; <=1.2.1;
• iso8601	>=0.1.9; <=0.1.10;
• oslo.serialization	>=1.0.0; <=1.2.0;
pbr	>=0.6; !=0.7; <1.0;
• requests	>=2.1.0; <=2.2.1; !=2.4.0;
• netaddr	>=0.7.12; <=0.7.13;
• Babel	<=1.3; >=1.3;
argparse	
• python-keystoneclient	>=0.10.0; <=1.1.0;
• six	>=1.7.0; <=1.9.0;

## python-novaclient

Package name	DEPENDENCIES
• oslo.i18n	>=1.3.0; <=1.3.1;
• simplejson	>=2.2.0; <=3.3.1;
• oslo.utils	>=1.0.0; <=1.2.1;
• iso8601	>=0.1.9; <=0.1.10;
• oslo.serialization	>=1.0.0; <=1.2.0;
pbr	>=0.6; !=0.7; <1.0;
• requests	>=2.1.0; <=2.2.1; !=2.4.0;
• six	>=1.7.0; <=1.9.0;
argparse	
• python-keystoneclient	>=0.10.0; <=1.1.0;
PrettyTable	>=0.7; <0.8;
• Babel	<=1.3; >=1.3;

## python-openstackclient

Package name	DEPENDENCIES
• cliff	>=1.7.0; <=1.9.0;
• oslo.i18n	>=1.3.0; <=1.3.1;
• Babel	<=1.3; >=1.3;
• oslo.utils	>=1.0.0; <=1.2.1;
• python-keystoneclient	>=0.10.0; <=1.1.0;
• oslo.config	>=1.4.0; <=1.6.0;
• oslo.serialization	>=1.0.0; <=1.2.0;
• python-cinderclient	>=1.1.0; <=1.1.1;
• python-neutronclient	>=2.3.6; <3;
• cliff-tablib	>=1.0; <=1.1;
• requests	>=2.1.0; <=2.2.1; !=2.4.0;
• python-glanceclient	>=0.14.0; <=0.15.0;
• python-novaclient	>=2.18.0; <=2.20.0;
pbr	>=0.6; !=0.7; <1.0;
• stevedore	>=1.0.0; <=1.2.0;
• six	>=1.7.0; <=1.9.0;

## python-saharaclient

Package name	DEPENDENCIES
• oslo.i18n	>=1.3.0; <=1.3.1;
• Babel	<=1.3; >=1.3;
• oslo.utils	>=1.0.0; <=1.2.1;
pbr	>=0.6; !=0.7; <1.0;
• requests	>=2.1.0; <=2.2.1; !=2.4.0;
• netaddr	>=0.7.12; <=0.7.13;
argparse	
• python-keystoneclient	>=0.10.0; <=1.1.0;
PrettyTable	>=0.7; <0.8;
• six	>=1.7.0; <=1.9.0;

## python-swiftclient

Package name	DEPENDENCIES
• requests	!=2.4.0; >=2.1.0; <=2.2.1;
• futures	>=2.1.6; <=2.2.0;
• simplejson	>=2.2.0; <=3.3.1;
• six	>=1.7.0; <=1.9.0;

## python-troveclient

Package name	DEPENDENCIES
• simplejson	>=2.2.0; <=3.3.1;
• python-keystoneclient	>=0.10.0; <=1.1.0;
• Babel	<=1.3; >=1.3;
• oslo.utils	>=1.0.0; <=1.2.1;
pbr	>=0.6; !=0.7; <1.0;
• requests	>=2.1.0; <=2.2.1; !=2.4.0;
argparse	
PrettyTable	>=0.7; <0.8;
• six	>=1.7.0; <=1.9.0;

## sahara

Package name	DEPENDENCIES
• oslo.rootwrap	>=1.3.0; <=1.5.0;
• Babel	<=1.3; >=1.3;
• oslo.utils	>=1.0.0; <=1.2.1;
• eventlet	>=0.15.1; <=0.15.2;
• python-heatclient	>=0.2.9; <0.3.0;
• keystonemiddleware	>=1.0.0; <1.4.0;
• python-neutronclient	>=2.3.6; <3;
• oslo.serialization	>=1.0.0; <=1.2.0;
• requests	>=2.1.0; <=2.2.1; !=2.4.0;

• <b>python-cinderclient</b>	>=1.1.0; <=1.1.1;
• <b>python-novaclient</b>	>=2.18.0; <=2.20.0;
• <b>oslo.i18n</b>	>=1.0.0; <=1.3.1;
• <b>python-keystoneclient</b>	>=0.10.0; <=1.1.0;
• <b>stevedore</b>	>=1.0.0; <=1.2.0;
• <b>oslo.concurrency</b>	>=0.3.0;
• <b>oslo.messaging</b>	>=1.4.0; <1.5.0;
• <b>oslo.context</b>	<=0.1.0; >=0.1.0;
• <b>oslo.config</b>	>=1.4.0; <=1.6.0;
• <b>six</b>	>=1.7.0; <=1.9.0;
• <b>Jinja2</b>	<=2.7.2;
• <b>iso8601</b>	>=0.1.9; <=0.1.10;
• <b>SQLAlchemy</b>	>=0.8.4; !=0.9.0; !=0.9.1; !=0.9.2; !=0.9.3; !=0.9.4; !=0.9.5; !=0.9.6; <=0.9.99;
• <b>python-swiftclient</b>	>=2.2.0; <=2.3.1;
Flask	>=0.10; <1.0;
oslo.log	>=0.4.0;
• <b>oslo.db</b>	>=1.0.0; <1.1;
jsonschema	>=2.0.0; <3.0.0;
• <b>WebOb</b>	>=1.2.3; <=1.3.1;
pbr	>=0.6; !=0.7; <1.0;
oslo.middleware	>=0.3.0;
• <b>alembic</b>	>=0.6.4; <=0.7.4;
• <b>paramiko</b>	>=1.13.0; <=1.15.2;

## sahara-dashboard

Package name	DEPENDENCIES
pbr	!=0.7; >=0.6; <1.0;

## swift

Package name	DEPENDENCIES
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• <b>simplejson</b>	>=2.2.0; <=3.3.1;
• <b>dnspython</b>	>=1.9.4; <=1.12.0;
• <b>eventlet</b>	>=0.15.1; <=0.15.2;
• <b>xattr</b>	>=0.4; <=0.6.4;
• <b>greenlet</b>	>=0.3.2; <=0.4.2;
• <b>netifaces</b>	>=0.10.4; <=0.10.4;
pastedeploy	>=1.3.3;