# Dependency checker Mon, 09 Mar 2015 14:53:43 +0300

Upstream URL: URL

**Upstream** branch

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MOS gerrit URL

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MOS gerrit branch

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;

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

## cinder

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

• rtslib-fb	,	
	>=2.1.39; <=2.1.51;	
• eventlet	>=0.15.1; <=0.15.2;	
keystonemiddleware	>=1.0.0; <1.4.0;	
• python-glanceclient	>=0.14.0; <=0.15.0;	
	>=1.0.0; <=1.2.0;	
	>=2.1.0; <=2.2.1; !=2.4.0;	
	>=0.7.12; <=0.7.13;	
• anyjson	>=0.3.3; <=0.3.3;	
• 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;	
• Paste	<=1.7.5.1;	
• oslo.utils	>=1.0.0; <=1.2.1;	
• 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;	
	>=1.4.0; <=1.6.0;	
	>=2.0.1; <=2.0.3;	
	>=1.7.0; <=1.9.0;	
• retrying	>=1.2.2; !=1.3.0; <=1.3.3;	
	==0.4;	
	>=0.1.9; <=0.1.10;	
201411	>=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;	
	>=2.2.0; <=2.3.1;	
	>=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;

	>=1.4.0; <=1.6.0;
oslo.config	. 400 400.
• 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;
• glance_store	>=0.1.1; <=0.1.10;
• SQLAIchemy	>=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;
	>=0.2.9; <0.3.0;
python-heatclient	>=1.0.0; <1.4.0;
keystonemiddleware	>=0.7.3; <=0.7.6;
python-saharaclient	>=0.14.0; <=0.15.0;
python-glanceclient	>=2.3.6; <3;
python-neutronclient	
• 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;
• 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;	
• iso8601	>=0.1.9; <=0.1.10;	
• SQLAIchemy	>=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-troveclient	>=1.0.4; <=1.0.8;	
python-swiftclient	>=2.2.0; <=2.3.1;	
• Routes	>=1.12.3; !=2.0; <=2.1;	
• posix_ipc	<=0.9.9;	
python-ceilometerclient	>=1.0.6; <=1.0.12;	
• qpid-python	<=0.26.1;	
oslo.log	>=0.4.0;	
• lxml	>=2.3; <=3.3.3;	
• oslo.db	>=1.0.0; <1.1;	
oslo.serialization	>=1.0.0; <=1.2.0;	
python-cinderclient	>=1.1.0; <=1.1.1;	
pbr	>=0.6; !=0.7; <1.0;	
• greenlet	>=0.3.2; <=0.4.2;	
sqlalchemy-migrate	==0.9.1;	
oslo.middleware	>=0.3.0;	
• osprofiler	<=0.3.0; >=0.3.0;	

#### horizon

Package name	DEPENDENCIES
XStatic-JQuery.quicksearch	>=2.0.3.1;
django_compressor	<=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;
	>=1.1.7; !=1.1.8; <=1.1.9;
django_openstack_auth  XStatic-jquery-ui	>=1.10.1;
	>=0.10.0; <=1.1.0;
• python-keystoneclient  XStatic-Hogan	>=2.0.0.2;
	>=1.0.0; <=1.2.1;
• oslo.utils  XStatic-Jasmine	>=2.1.2.0;
XStatic-smart-table	>=1.4.5.3;
	>=1.0.0; <=1.2.0;
• oslo.serialization  XStatic-Angular	>=1.3.7;
XStatic-Bootstrap-SCSS	>=3;
·	==3.0.7;
• kombu 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;

python-troveclient	>=1.0.4; <=1.0.8;
• python-swiftclient	>=2.2.0; <=2.3.1;
• pytz	<=2014.10;
python-ceilometerclient	>=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;
• python-neutronclient	>=2.3.6; <3;
python-cinderclient	>=1.1.0; <=1.1.1;
pbr	>=0.6; !=0.7; <1.0;
XStatic	>=1.0.0;
• django-pyscss	>=1.0.3; <=1.0.6;
pyScss	>=1.2.1; <1.3;
XStatic-Angular-Bootstrap	>=0.11.0.2;
oslo.concurrency	>=0.3.0;

## keystone

Package name	DEPENDENCIES
• 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;
• passlib	<=1.6.2;
jsonschema	>=2.0.0; <3.0.0;
• netaddr	>=0.7.12; <=0.7.13;
• pycadf	>=0.6.0; <0.7.0;
• WebOb	>=1.2.3; <=1.3.1;
• python-keystoneclient	>=0.10.0; <=1.1.0;
cryptography	>=0.4;
• Paste	<=1.7.5.1;

PasteDeploy	>=1.5.0; <=1.5.2;
oauthlib	>=0.6; <=0.7.2;
oslo.concurrency	>=0.3.0;
oslo.messaging	>=1.4.0; <1.5.0;
• oslo.config	>=1.4.0; <=1.6.0;
• six	>=1.9.0; <=1.9.0;
pysaml2	
• iso8601	>=0.1.9; <=0.1.10;
sqlalchemy-migrate	==0.9.1;
• Routes	>=1.12.3; !=2.0; <=2.1;
• posix_ipc	<=0.9.9;
• msgpack-python	>=0.4.0; <=0.4.5;
oslo.log	>=0.4.0;
dogpile.cache	>=0.5.3; <=0.5.6;
• 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;
• SQLAIchemy	>=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
oslo.rootwrap	>=1.3.0; <=1.5.0;
• oslo.utils	>=1.0.0; <=1.2.1;
• eventlet	>=0.15.1; <=0.15.2;
• jsonrpclib	<=0.1.3;
oslo.serialization	>=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
• 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;
• SQLAIchemy	>=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;
• stevedore	>=1.0.0; <=1.2.0;

• six	>=1.7.0; <=1.9.0;
pbr	>=0.6; !=0.7; <1.0;

## oslo.context

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

## oslo.db

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

## oslo.i18n

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

## 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
testscenarios	>=0.4;

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

#### oslo.utils

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

#### oslo.vmware

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

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

## python-cinderclient

Package name	DEPENDENCIES
PrettyTable	>=0.7; <0.8;
• Babel	<=1.3; >=1.3;
• simplejson	>=2.2.0; <=3.3.1;
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-glanceclient

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

## python-heatclient

Package name	DEPENDENCIES
python-keystoneclient	>=0.10.0; <=1.1.0;
• oslo.i18n	>=1.3.0; <=1.3.1;
• PyYAML	>=3.1.0; <=3.10;
• 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	
• six	>=1.7.0; <=1.9.0;
PrettyTable	>=0.7; <0.8;
• Babel	<=1.3; >=1.3;

# python-keystoneclient

Package name	DEPENDENCIES
• oslo.i18n	>=1.3.0; <=1.3.1;
• Babel	<=1.3; >=1.3;
• oslo.utils	>=1.0.0; <=1.2.1;
• oslo.config	>=1.4.0; <=1.6.0;
• 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;
argparse	
• six	>=1.7.0; <=1.9.0;
• stevedore	>=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;

python-cinderclient	>=1.1.0; <=1.1.1;
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;
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;
• six	>=1.7.0; <=1.9.0;
• Jinja2	<=2.7.2;
• 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;
python-swiftclient	>=2.2.0; <=2.3.1;
Flask	>=0.10; <1.0;
oslo.log	>=0.4.0;
• oslo.db	>=1.0.0; <1.1;
jsonschema	>=2.0.0; <3.0.0;
• WebOb	>=1.2.3; <=1.3.1;
pbr	>=0.6; !=0.7; <1.0;
oslo.middleware	>=0.3.0;
alembic	>=0.6.4; <=0.7.4;
• paramiko	>=1.13.0; <=1.15.2;

### sahara-dashboard

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

#### swift

Package name	DEPENDENCIES
Package name	DEFENDENCIES

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