



Quantum[®] StorNext Appliance Controller Open-Source Licenses

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[Open-Source Packages List](#)

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Similar documents exist for StorNext and the various StorNext appliances. These documents can be found online at

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Open-Source Packages

The following table lists the open-source products used with StorNext Appliance Controller.

| Products | URL | License |
|------------------------------|---|--|
| boost | http://www.boost.org | Boost and MIT and Python |
| gperftools-libs | http://code.google.com/p/gperftools/ | BSD |
| haproxy | http://www.haproxy.org/ | GPLv2+ |
| isa-l | https://github.com/01org/isa-l | Intel Corp |
| keepalived | http://www.keepalived.org/ | GPLv2+ |
| krb5 (Kerberos) | http://web.mit.edu/kerberos/www/ | MIT |
| liberasurecode | https://bitbucket.org/tsg-/liberasurecode/ | BSD and CRC32 |
| libkadm5 | http://web.mit.edu/kerberos/www/ | MIT |
| libtomcrypt | http://www.libtom.net/ | Public Domain |
| libtommath | http://www.libtom.org/?page=features&newsitems=5&whatfile=ltm | Public Domain |
| libunwind | http://savannah.nongnu.org/projects/libunwind | BSD |
| libyaml | http://pyyaml.org/ | MIT |
| mariadb | http://mariadb.org | GPLv2 with exceptions and LGPLv2 and BSD |
| memcached | http://www.memcached.org/ | BSD |
| mod_wsgi | http://modwsgi.org | ASL 2.0 |
| MySQL-python | https://github.com/farcepest/MySQLdb1 | GPLv2+ |
| openstack-keystone | http://keystone.openstack.org/ | ASL 2.0 |
| openstack-swift | http://launchpad.net/swift | ASL 2.0 |
| Pound | http://www.apsis.ch/pound | GPLv3 |
| pyflakes | https://launchpad.net/pyflakes | MIT |
| PyPAM | http://www.pangalactic.org/PyPAM | LGPLv2 |
| python2-alembic | https://pypi.io/project/alembic | MIT |
| python2-amqp | http://pypi.python.org/pypi/amqp | LGPLv2+ |
| python2-appdirs | http://github.com/ActiveState/appdirs | MIT |
| python2-asn1crypto | https://github.com/wbond/asn1crypto | MIT |
| python2-babel | http://babel.pocoo.org/ | BSD |
| python2-bcrypt | http://pypi.python.org/pypi/bcrypt | ASL 2.0 and Public Domain and BSD |
| python2-boto | https://github.com/boto/boto | MIT |
| python2-cachetools | https://pypi.python.org/pypi/cachetools | MIT |
| python2-castellan | http://git.openstack.org/cgi/openstack/castellan | ASL 2.0 |
| python2-ceilometermiddleware | http://github.com/openstack/ceilometermiddleware | ASL 2.0 |
| python2-cffi | http://cffi.readthedocs.org/ | MIT |
| python2-chardet | https://github.com/chardet/chardet | LGPLv2 |
| python2-cinderclient | http://github.com/openstack/python-cinderclient | ASL 2.0 |
| python2-cliff | https://pypi.io/pypi/cliff | ASL 2.0 |

| Products | URL | License |
|----------------------------|---|--------------------------------|
| python2-cmd2 | http://pypi.python.org/pypi/cmd2 | MIT |
| python2-contextlib2 | https://pypi.io/project/contextlib2 | Python |
| python2-crypto | http://www.pycrypto.org/ | Public Domain and Python |
| python2-cryptography | https://cryptography.io/en/latest/ | ASL 2.0 or BSD |
| python2-dateutil | https://github.com/dateutil/dateutil | Python |
| python2-debtcollector | https://pypi.python.org/pypi/debtcollector | ASL 2.0 |
| python2-defusedxml | https://github.com/tiran/defusedxml | Python |
| python2-deprecation | http://deprecation.readthedocs.io/ | ASL 2.0 |
| python2-eventlet | http://eventlet.net | MIT |
| python2-extras | https://github.com/testing-cabal/extras | MIT |
| python2-fasteners | https://github.com/harlowja/fasteners | ASL 2.0 |
| python2-fixtures | https://launchpad.net/python-fixtures | ASL 2.0 or BSD |
| python2-flake8 | http://pypi.python.org/pypi/flake8 | MIT |
| python2-flask | http://flask.pocoo.org/ | BSD |
| python2-flask-restful | https://www.github.com/flask-restful/flask-restful/ | BSD |
| python2-funcsigs | https://github.com/testing-cabal/funcsigs? | ASL 2.0 |
| python2-future | http://python-future.org/ | MIT |
| python2-futures | https://github.com/agronholm/pythonfutures | Python |
| python2-futurist | http://docs.openstack.org/developer/futurist | ASL 2.0 |
| python2-glanceclient | https://launchpad.net/python-glanceclient | ASL 2.0 |
| python2-greenlet | https://github.com/python-greenlet/greenlet | MIT |
| python2-hacking | http://github.com/openstack-dev/hacking | ASL 2.0 |
| python2-idna | https://github.com/kjd/idna | BSD and Python and Unicode |
| python2-ipaddress | https://pypi.python.org/pypi/ipaddress/ | Python |
| python2-iso8601 | http://pypi.python.org/pypi/iso8601/ | MIT |
| python2-itsdangerous | http://pythonhosted.org/itsdangerous/ | BSD |
| python2-jinja2 | http://jinja.pocoo.org/ | BSD |
| python2-jmespath | https://github.com/jmespath/jmespath.py | MIT |
| python2-jsonpatch | https://github.com/stefankoegl/%{github_name} | BSD |
| python2-jsonpointer | https://github.com/stefankoegl/python-json-pointer | BSD |
| python2-jsonschema | http://pypi.python.org/pypi/jsonschema | MIT |
| python2-keystoneauth1 | https://pypi.io/pypi/keystoneauth1 | ASL 2.0 |
| python2-keystoneclient | https://launchpad.net/python-keystoneclient | ASL 2.0 |
| python2-keystonemiddleware | http://launchpad.net/keystonemiddleware | ASL 2.0 |
| python2-kombu | http://kombu.readthedocs.org/ | BSD and Python |
| python2-ldappool | https://github.com/mozilla-services/ldappool | MPLv1.1 and GPLv2+ and LGPLv2+ |
| python2-markupsafe | http://pypi.python.org/pypi/MarkupSafe | BSD |
| python2-mimeparse | https://github.com/dbtsai/python-mimeparse | MIT |
| python2-mock | http://www.voidspace.org.uk/python/mock/ | BSD |
| python2-monotonic | https://github.com/atdt/monotonic | ASL 2.0 |

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| python2-mox3 | http://git.openstack.org/cgit/openstack/mox3 | ASL 2.0 |
| python2-msgpack | https://pypi.python.org/pypi/msgpack-python/ | ASL 2.0 |
| python2-munch | https://pypi.io/project/munch | MIT |
| python2-netaddr | http://github.com/drkjam/netaddr | BSD |
| python2-neutronclient | http://launchpad.net/python-neutronclient/ | ASL 2.0 |
| python2-novaclient | https://launchpad.net/python-novaclient | ASL 2.0 |
| python2-oauthlib | http://pypi.python.org/pypi/oauthlib | BSD |
| python2-openstackclient | http://launchpad.net/python-openstackclient | ASL 2.0 |
| python2-openstacksdk | http://www.openstack.org/ | ASL 2.0 |
| python2-osc-lib | https://github.com/openstack/osc-lib/ | ASL 2.0 |
| python2-os-client-config | https://github.com/openstack/os-client-config | ASL 2.0 |
| python2-oslo-cache | http://launchpad.net/oslo.cache | ASL 2.0 |
| python2-oslo-concurrency | https://launchpad.net/oslo | ASL 2.0 |
| python2-oslo-config | https://launchpad.net/oslo.config | ASL 2.0 |
| python2-oslo-context | https://launchpad.net/oslo.context | ASL 2.0 |
| python2-oslo-db | http://launchpad.net/oslo | ASL 2.0 |
| python2-oslo-i18n | https://github.com/openstack/oslo.i18n | ASL 2.0 |
| python2-oslo-log | http://launchpad.net/oslo | ASL 2.0 |
| python2-oslo-messaging | https://launchpad.net/oslo | ASL 2.0 |
| python2-oslo-middleware | https://launchpad.net/oslo | ASL 2.0 |
| python2-oslo-policy | https://launchpad.net/oslo | ASL 2.0 |
| python2-oslo-policy-tests | https://launchpad.net/oslo | ASL 2.0 |
| python2-oslo-serialization | https://launchpad.net/oslo | ASL 2.0 |
| python2-oslo-serialization-tests | https://launchpad.net/oslo | ASL 2.0 |
| python2-oslo-service | http://launchpad.net/oslo | ASL 2.0 |
| python2-oslotest | http://launchpad.net/oslo | ASL 2.0 |
| python2-oslo-utils | http://launchpad.net/oslo | ASL 2.0 |
| python2-osprofiler | http://www.openstack.org/ | ASL 2.0 |
| python2-os-service-types | http://www.openstack.org/ | ASL 2.0 |
| python2-passlib | https://bitbucket.org/ecollins/passlib | BSD and Beerware and Copyright only |
| python2-pbr | http://pypi.python.org/pypi/pbr | ASL 2.0 |
| python2-pexpect | https://github.com/pexpect/pexpect | MIT |
| python2-ptyprocess | https://github.com/pexpect/ptyprocess | ISC |
| python2-pyasn1 | http://pyasn1.sourceforge.net/ | BSD |
| python2-pycadf | https://launchpad.net/pycadf | ASL 2.0 |
| python2-pycodestyle | https://pypi.python.org/pypi/pycodestyle | MIT |
| python2-pyeclib | https://bitbucket.org/kmgreen2/pyeclib/ | BSD |
| python2-PyMySQL | https://pypi.python.org/pypi/PyMySQL/ | MIT |
| python2-pyOpenSSL | https://pyopenssl.readthedocs.org/ | ASL 2.0 |
| python2-pyparsing | http://pyparsing.wikispaces.com/ | MIT |

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| python2-pyperclip | https://github.com/asweigart/pyperclip | BSD |
| python2-pysaml2 | https://github.com/IdentityPython/pysaml2 | Apache 2.0 |
| python2-pysocks | https://github.com/Anorov/PySocks | BSD |
| python2-qpido | http://qpido.apache.org | ASL 2.0 |
| python2-qpido-proton | http://qpido.apache.org/proton/ | ASL 2.0 |
| python2-requests | https://pypi.io/project/requests | ASL 2.0 |
| python2-requestsexceptions | http://www.openstack.org/ | ASL 2.0 |
| python2-rfc3986 | https://pypi.python.org/pypi/rfc3986 | ASL 2.0 |
| python2-rsa | http://stuvel.eu/rsa | ASL 2.0 |
| python2-scrypt | http://bitbucket.org/mhallin/py-scrypt | BSD |
| python2-setuptools | https://pypi.python.org/pypi/setuptools | MIT |
| python2-simplejson | http://undefined.org/python/#simplejson | (MIT or AFL) and (MIT or GPLv2) |
| python2-six | https://pypi.python.org/pypi/six | MIT |
| python2-sqlalchemy | http://www.sqlalchemy.org/ | MIT |
| python2-statsd | https://github.com/jsocol/pystatsd | MIT |
| python2-stderr | https://pypi.python.org/pypi/stderr | ASL 2.0 |
| python2-stevedore | https://github.com/openstack/stevedore | ASL 2.0 |
| python2-subunit | https://launchpad.net/subunit | ASL 2.0 or BSD |
| python2-suds | https://bitbucket.org/jurko/suds | LGPLv3+ |
| python2-swiftclient | http://launchpad.net/python-swiftclient/ | ASL 2.0 |
| python2-tenacity | https://github.com/jd/tenacity | ASL 2.0 |
| python2-traceback2 | https://github.com/testing-cabal/traceback2 | Python |
| python2-unitest2 | http://pypi.python.org/pypi/unitest2 | BSD |
| python2-urllib3 | https://github.com/shazow/urllib3 | MIT |
| python2-vine | http://github.com/celery/vine | BSD |
| python2-wcwidth | https://github.com/jquast/wcwidth | MIT |
| python2-webob | http://pythonpaste.org/webob/ | MIT |
| python2-werkzeug | http://werkzeug.pocoo.org/ | BSD |
| python-aniso8601 | https://bitbucket.org/nelsenb/aniso8601 | GPLv3+ |
| python-anyjson | http://pypi.python.org/pypi/anyjson | BSD |
| python-backports-ssl_match_hostname | https://bitbucket.org/brandon/backports.ssl_match_hostname | Python |
| python-beaker | http://beaker.groovie.org/ | BSD and MIT |
| python-click | http://github.com/mitsuhiko/click | BSD |
| python-configobj | http://www.voidspace.org.uk/python/configobj.html | BSD |
| python-dns | http://www.dnspython.org/ | MIT |
| python-dogpile-cache | http://pypi.python.org/pypi/dogpile.cache | BSD |
| python-dogpile-core | http://pypi.python.org/pypi/dogpile.core | BSD |
| python-editor | https://github.com/fmoo/python-editor | ASL 2.0 |
| python-enum34 | https://pypi.python.org/pypi/enum34 | BSD |

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| python-inotify | https://github.com/seb-m/pyinotify | MIT |
| python-jwcrypto | https://github.com/latchset/jwcrypto | LGPLv3+ |
| python-keyring | http://bitbucket.org/kang/python-keyring-lib/ | MIT and Python |
| python-keystone | http://keystone.openstack.org/ | ASL 2.0 |
| python-linecache2 | https://github.com/testing-cabal/linecache2 | Python |
| python-mako | http://www.makotemplates.org/ | (MIT and Python) and (BSD or GPLv2) |
| python-mccabe | http://pypi.python.org/pypi/mccabe | MIT |
| python-memcached | http://www.tummy.com/Community/software/python-memcached/ | Python |
| python-migrate | https://github.com/openstack/sqlalchemy-migrate | MIT |
| python-netifaces | https://bitbucket.org/al45tair/netifaces | MIT License |
| python-nose | https://nose.readthedocs.org/en/latest/ | LGPLv2+ and Public Domain |
| python-openstackclient-doc | http://launchpad.net/python-openstackclient | ASL 2.0 |
| python-openstackclient-lang | http://launchpad.net/python-openstackclient | ASL 2.0 |
| python-oslo-cache-lang | http://launchpad.net/oslo.cache | ASL 2.0 |
| python-oslo-concurrency-lang | https://launchpad.net/oslo | ASL 2.0 |
| python-oslo-db-lang | http://launchpad.net/oslo | ASL 2.0 |
| python-oslo-i18n-lang | https://github.com/openstack/oslo.i18n | ASL 2.0 |
| python-oslo-log-lang | http://launchpad.net/oslo | ASL 2.0 |
| python-oslo-middleware-lang | https://launchpad.net/oslo | ASL 2.0 |
| python-oslo-policy-lang | https://launchpad.net/oslo | ASL 2.0 |
| python-oslo-utils-lang | http://launchpad.net/oslo | ASL 2.0 |
| python-paste | http://pythonpaste.org | MIT and ZPLv2.0 and Python and Public Domain and (AFL or MIT) and (MIT or ASL 2.0) |
| python-paste-deploy | http://pythonpaste.org/deploy | MIT |
| python-ply | http://www.dabeaz.com/ply/ | BSD |
| python-posix_ipc | http://semanchuk.com/philip/posix_ipc/ | BSD |
| python-prettytable | http://pypi.python.org/pypi/PrettyTable | BSD |
| python-pycadf-common | https://launchpad.net/pycadf | ASL 2.0 |
| python-pycparser | http://github.com/eliben/pycparser | BSD |
| python-pyngus | http://pypi.python.org/pypi/pyngus/2.0.3 | ASL 2.0 |
| python-repoze-lru | http://pypi.python.org/pypi/repoze.lru | BSD |
| python-repoze-who | http://pypi.python.org/pypi/repoze.who | BSD |
| python-requests-mock | http://requests-mock.readthedocs.org/ | ASL 2.0 |
| python-retrying | https://github.com/rholder/retrying | ASL 2.0 |
| python-routes | http://routes.groovie.org/ | BSD |
| python-saslwrapper | http://qp.id.apache.org/ | ASL 2.0 |
| python-sqlparse | https://github.com/andialbrecht/sqlparse | BSD |
| python-subprocess32 | http://pypi.python.org/pypi/subprocess32/ | Python |
| python-swift | http://launchpad.net/swift | ASL 2.0 |

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| python-tempita | http://pythonpaste.org/tempita/ | MIT |
| python-testtools | https://launchpad.net/testtools | MIT |
| python-unicodcsv | https://github.com/jdunck/python-unicodcsv | BSD |
| python-warlock | http://pypi.python.org/pypi/warlock | ASL 2.0 |
| python-websocket-client | http://pypi.python.org/pypi/websocket-client | LGPLv2 |
| python-wrapt | https://github.com/GrahamDumpleton/wrapt | BSD |
| python-zope-interface | http://pypi.python.org/pypi/zope.interface | ZPLv2.1 |
| Pytz | http://pytz.sourceforge.net/ | MIT |
| PyYAML | http://pyyaml.org/ | MIT |
| qpid-cpp-client | http://qpid.apache.org | ASL 2.0 |
| qpid-proton-c | http://qpid.apache.org/proton/ | ASL 2.0 |
| samba | http://www.samba.org/ | GPLv3+ and LGPLv3+ |
| saslwrapper | http://qpid.apache.org/ | ASL 2.0 |
| swift3 | https://opendev.org/x/swift3 | ASL 2.0 |

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