

Oracle® Private Cloud Appliance

Licensing Information User Manual for Release 2.4

ORACLE®

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Table of Contents

Preface	v
1 Introduction	1
2 Licensing Information	3
3 Third Party Notices and/or Licenses	5
3.1 Oracle Private Cloud Appliance Base Software	5
3.1.1 Tinyproxy 1.8.3	5
3.1.2 JavaScript Extension Toolkit (JET) 9.2.5	11
3.2 Oracle Hardware and Software Products Used In Oracle Private Cloud Appliance	22
3.2.1 Oracle Hardware Management Pack Licensing Information	22
3.2.2 Java SE Runtime Environment 8 Licensing Information	94
3.2.3 Oracle Linux Licensing Information	148
3.2.4 Oracle VM Licensing Information	149
3.2.5 Oracle Fabric Interconnect F1-15 Licensing Information	683
3.2.6 Oracle Switch ES1-24 Licensing Information	736
3.2.7 NM2-36P Sun Datacenter InfiniBand Expansion Switch Licensing Information	791
3.2.8 Oracle Server X9-2 Licensing Information	817
3.2.9 Oracle Server X8-2 Licensing Information	856
3.2.10 Oracle Server X7-2 Licensing Information	885
3.2.11 Oracle Server X6-2 Licensing Information	915
3.2.12 Oracle Server X5-2 Licensing Information	949
3.2.13 Sun Server X4-2 Program Documentation Third Party Licenses and Notices	1086
3.2.14 Oracle SDN Virtual Network Services Licensing Information	1100
3.2.15 Oracle ZFS Storage Appliance ZS7-2 Licensing Information	1105
3.2.16 Oracle ZFS Storage Appliance ZS5-ES Licensing Information	1160
3.2.17 Oracle ZFS Storage Appliance ZS3-ES Licensing Information	1247

Preface

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Table of Contents

3.1 Oracle Private Cloud Appliance Base Software	5
3.1.1 Tinyproxy 1.8.3	5
3.1.2 JavaScript Extension Toolkit (JET) 9.2.5	11
3.2 Oracle Hardware and Software Products Used In Oracle Private Cloud Appliance	22
3.2.1 Oracle Hardware Management Pack Licensing Information	22
3.2.2 Java SE Runtime Environment 8 Licensing Information	94
3.2.3 Oracle Linux Licensing Information	148
3.2.4 Oracle VM Licensing Information	149
3.2.5 Oracle Fabric Interconnect F1-15 Licensing Information	683
3.2.6 Oracle Switch ES1-24 Licensing Information	736
3.2.7 NM2-36P Sun Datacenter InfiniBand Expansion Switch Licensing Information	791
3.2.8 Oracle Server X9-2 Licensing Information	817
3.2.9 Oracle Server X8-2 Licensing Information	856
3.2.10 Oracle Server X7-2 Licensing Information	885
3.2.11 Oracle Server X6-2 Licensing Information	915
3.2.12 Oracle Server X5-2 Licensing Information	949
3.2.13 Sun Server X4-2 Program Documentation Third Party Licenses and Notices	1086
3.2.14 Oracle SDN Virtual Network Services Licensing Information	1100
3.2.15 Oracle ZFS Storage Appliance ZS7-2 Licensing Information	1105
3.2.16 Oracle ZFS Storage Appliance ZS5-ES Licensing Information	1160
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scss/oj/v9.2.5/3rdparty/normalize/normalize.scss	MIT	
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Chai - v4.2.0

<https://github.com/chaijs/chai>

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expression-eval - v2.0.0

<https://github.com/donmccurdy/expression-eval>

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petit-dom - v0.2.2
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webcomponents/custom-elements - v1.1.2

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proj4js - v2.5.0

<http://proj4js.org/>

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require-css - v0.1.10

<https://github.com/guybedford/require-css>

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Hammer.JS - v2.0.8 - 2016-04-22

<http://hammerjs.github.io/>

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RequireJS i18n 2.0.2
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jsTree 1.0-rc3 <http://jstree.com/>
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ES6-Promise

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https://github.com/stefanpenner/es6-promise
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jQuery UI - v1.12.1 - 2015-03-18

```
http://jqueryui.com
```

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Includes: core.js, widget.js, mouse.js, position.js, draggable.js, sortable.js
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JS Signals <<http://millermedeiros.github.com/js-signals/>>
Author: Miller Medeiros
Version: 1.0.0 - Build: 268 (2012/11/29 05:48 PM)

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RequireJS text 2.0.15
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RequireJS 2.3.6

<http://github.com/jrburke/requirejs>

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Knockout JavaScript library v3.5.1

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3.2.4 Oracle VM Licensing Information

Oracle VM is the virtualization platform software component included in Oracle Private Cloud Appliance.

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3.2.4.2 Oracle VM Manager Licensing

Oracle VM Manager Components

This section contains a list of the components that make up Oracle VM Manager. The components in Oracle VM Manager are:

- **Oracle VM Manager Core:** Used to manage *Oracle VM Servers*, virtual machines, and resources. The Oracle VM Manager core is an Oracle WebLogic Server application that may be installed on Oracle Linux. Access to functionality within the Oracle VM Manager core is available via the Oracle VM Web Services API.
- **Oracle VM Manager Database:** Used by Oracle VM Manager core to store and track configuration, status changes and events. Oracle VM Manager uses a MySQL Enterprise database. The database is also used by the Oracle VM Manager Web Interface and Oracle VM Manager Command Line Interface to host configuration and to cache information shared between these two interfaces.
- **Oracle VM Manager Database Backup:** A process that is run on a schedule from within Oracle VM Manager Core to perform regular backup operations using MySQL Enterprise Backup. Scripts are provided to assist with database restoration and manual backup operations.
- **Oracle VM Manager Web Interface:** Provides a graphical user interface to the functionality in the Oracle VM Manager Core via a web interface that makes use of the Oracle Application Development Framework (ADF) available in Oracle Fusion MiddleWare.
- **Oracle VM Manager Command Line Interface:** Provides a command line interface to the functionality in the Oracle VM Manager Core via an SSH-style shell.

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3.2.4.4 Oracle VM Support

Oracle VM Support Levels

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- Oracle VM Premier Support

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bouncycastle v1.61 (optional)

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slf4j, v1.7.26,

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tomcat-apr, v5.5.23 (optional)

Apache Tomcat

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Initial authors:

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2001-12-12

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jMock

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History and License
History of the software
Python was created in the early 1990s by Guido van Rossum at
Stichting Mathematisch Centrum (CWI, see https://www.cwi.nl/)
in the Netherlands as a successor of a language called ABC.
Guido remains Python's principal author, although it includes
many contributions from others.

In 1995, Guido continued his work on Python at the Corporation
for National Research Initiatives
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where he released several versions of the software.

In May 2000, Guido and the Python core development team moved
to BeOpen.com to form the BeOpen PythonLabs team.
In October of the same year, the PythonLabs team moved to
Digital Creations (now Zope Corporation; see https://www.zope.org/).
In 2001, the Python Software Foundation
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Release

Derived from

Year

Owner

GPL compatible?

0.9.0 thru 1.2

n/a

1991-1995

CWI

yes

1.3 thru 1.5.2

1.2

1995-1999

CNRI

yes

```


1.6
1.5.2
2000
CNRI
no
2.0
1.6
2000
BeOpen.com
no
1.6.1
1.6
2001
CNRI
no
2.1
2.0+1.6.1
2001
PSF
no
2.0.1
2.0+1.6.1
2001
PSF
yes
2.1.1
2.1+2.0.1
2001
PSF
yes
2.1.2
2.1.1
2002

PSF

yes

2.1.3

2.1.2

2002

PSF

yes

2.2 and above

2.1.1

2001-now

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A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`
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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard XML Remote Procedure Calls

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SipHash24

The file Python/pyhash.c contains Marek Majkowski' implementation of Dan
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Original location:

<https://github.com/majek/csiphash/>

Solution inspired by code from:

Samuel Neves (supercop/crypto_auth/siphhash24/little)

djb (supercop/crypto_auth/siphhash24/little2)

Jean-Philippe Aumasson (<https://131002.net/siphhash/siphhash24.c>)

strtod and dtoa

The file Python/dtoa.c, which supplies C functions dtoa and strtod for
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cfuhash

The implementation of the hash table used by the tracemalloc is based on the cfuhash project:

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libmpdec

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setuptools 41.0.0
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idna >= 2.1

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PyCA cryptography 2.5

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PyJWT 1.7.1

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PyCA cryptography>=2.2.1

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python-dateutil 2.7.3

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dateutil - Extensions to the standard Python datetime module.

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4P Dependencies:

six >=1.5
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urllib3

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certifi

This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree: <http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>
It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

chardet

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idna

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enum34

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flake8

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image-size

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itsdangerous

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pytest

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requests

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snowballstemmer

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certifi 2018.11.29

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This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:
<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1>
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sphinx-rtd-theme 0.4.2

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ipaddress 1.0.22

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Gunicorn, Version 20.0.4

Gunicorn

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gunicorn.logging_config

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doc/sitemap_gen.py

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util/unlink.py

backport fropp python3 Lib/test/support.py

unicorn/selectors.py

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libguestfs, Version 1.40.2-5.0.1.el7_7.3

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GCC RUNTIME LIBRARY EXCEPTION
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Version 3.1, 31 March 2009

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```
lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c
```

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```
include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c
```

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# Secondary weight range: 0020..0192 (371)
# Variant secondaries: 0159..015E (6)
# Digit secondaries: 015F..0192 (52)
# Tertiary weight range: 0002..001F (30)
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printf("%s",png_get_copyright(NULL));
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888        8 888  .d88'   Y888..8P
888        8 888oo88P'   `8888'
888        8 888        .8PY888.
`88.      .8' 888        d8' `888b
`YbodP'    o888o      o888o o88888o
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loginrec.h

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ppp-watch.c

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version 1.2.2.2, December 30th, 2004

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		2.2	2.1.1	2001	PSF	yes
		2.1.2	2.1.1	2002	PSF	yes
		2.1.3	2.1.2	2002	PSF	yes
		2.2.1	2.2	2002	PSF	yes
		2.2.2	2.2.1	2002	PSF	yes
		2.2.3	2.2.2	2003	PSF	yes
		2.3	2.2.2	2002-2003	PSF	yes
		2.3.1	2.3	2002-2003	PSF	yes
		2.3.2	2.3.1	2002-2003	PSF	yes
		2.3.3	2.3.2	2002-2003	PSF	yes
		2.3.4	2.3.3	2004	PSF	yes
		2.3.5	2.3.4	2005	PSF	yes
		2.4	2.3	2004	PSF	yes
		2.4.1	2.4	2005	PSF	yes
		2.4.2	2.4.1	2005	PSF	yes
		2.4.3	2.4.2	2006	PSF	yes
		2.4.4	2.4.3	2006	PSF	yes
		2.5	2.4	2006	PSF	yes
		2.5.1	2.5	2007	PSF	yes
		2.5.2	2.5.1	2008	PSF	yes
		2.5.3	2.5.2	2008	PSF	yes
		2.6	2.5	2008	PSF	yes
		2.6.1	2.6	2008	PSF	yes
		2.6.2	2.6.1	2009	PSF	yes
		2.6.3	2.6.2	2009	PSF	yes
		2.6.4	2.6.3	2009	PSF	yes
		2.6.5	2.6.4	2010	PSF	yes
		2.7	2.6	2010	PSF	yes
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		2.1.1	2.1+2.0.1	2001	PSF	yes
		2.2	2.1.1	2001	PSF	yes
		2.1.2	2.1.1	2002	PSF	yes
		2.1.3	2.1.2	2002	PSF	yes
		2.2.1	2.2	2002	PSF	yes
		2.2.2	2.2.1	2002	PSF	yes
		2.2.3	2.2.2	2003	PSF	yes
		2.3	2.2.2	2002-2003	PSF	yes
		2.3.1	2.3	2002-2003	PSF	yes
		2.3.2	2.3.1	2002-2003	PSF	yes
		2.3.3	2.3.2	2002-2003	PSF	yes
		2.3.4	2.3.3	2004	PSF	yes
		2.3.5	2.3.4	2005	PSF	yes
		2.4	2.3	2004	PSF	yes
		2.4.1	2.4	2005	PSF	yes
		2.4.2	2.4.1	2005	PSF	yes
		2.4.3	2.4.2	2006	PSF	yes
		2.4.4	2.4.3	2006	PSF	yes
		2.5	2.4	2006	PSF	yes
		2.5.1	2.5	2007	PSF	yes
		2.5.2	2.5.1	2008	PSF	yes
		2.5.3	2.5.2	2008	PSF	yes
		2.6	2.5	2008	PSF	yes
		2.6.1	2.6	2008	PSF	yes
		2.6.2	2.6.1	2009	PSF	yes
		2.6.3	2.6.2	2009	PSF	yes
		2.6.4	2.6.3	2009	PSF	yes
		2.6.5	2.6.4	2010	PSF	yes
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		2.6	2.5	2008	PSF	yes
		2.6.1	2.6	2008	PSF	yes
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2.1.2	2.1.1	2002	PSF	yes																																																															
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		2.0	1.6	2000	BeOpen.com no
		1.6.1	1.6	2001	CNRI yes (2)
		2.1	2.0+1.6.1	2001	PSF no
		2.0.1	2.0+1.6.1	2001	PSF yes
		2.1.1	2.1+2.0.1	2001	PSF yes
		2.2	2.1.1	2001	PSF yes
		2.1.2	2.1.1	2002	PSF yes
		2.1.3	2.1.2	2002	PSF yes
		2.2.1	2.2	2002	PSF yes
		2.2.2	2.2.1	2002	PSF yes
		2.2.3	2.2.2	2003	PSF yes
		2.3	2.2.2	2002-2003	PSF yes
		2.3.1	2.3	2002-2003	PSF yes
		2.3.2	2.3.1	2002-2003	PSF yes
		2.3.3	2.3.2	2002-2003	PSF yes
		2.3.4	2.3.3	2004	PSF yes
		2.3.5	2.3.4	2005	PSF yes
		2.4	2.3	2004	PSF yes
		2.4.1	2.4	2005	PSF yes
		2.4.2	2.4.1	2005	PSF yes
		2.4.3	2.4.2	2006	PSF yes
		2.4.4	2.4.3	2006	PSF yes
		2.5	2.4	2006	PSF yes
		2.5.1	2.5	2007	PSF yes
		2.5.2	2.5.1	2008	PSF yes
		2.5.3	2.5.2	2008	PSF yes
		2.6	2.5	2008	PSF yes
		2.6.1	2.6	2008	PSF yes
		2.6.2	2.6.1	2009	PSF yes
		2.6.3	2.6.2	2009	PSF yes
		2.6.4	2.6.3	2009	PSF yes
		2.6.5	2.6.4	2010	PSF yes
		2.7	2.6	2010	PSF yes
		Footnotes:			
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Version: 4.1

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3.2.15.2 Licensing Information User Manual Oracle ZFS Storage Appliance Software Release OS8.8.x

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- Encryption

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Technology Name	Technology Version	Packages and Link to License Text
Babel	2.3.4	library/python/babel-27
Backbone.js	0.9.2	system/install/auto-install/auto-install-common
CherryPy	5.1.0	library/python/cherrypy-27
Cracklib	2.7	system/library
Csh		system/core-os
DTraceToolkit	0.99	system/dtrace/dtrace-toolkit
Django	1.11.1	library/python/django-27
FormEncode	1.3.0	library/python/formencode-27
GMP		library/gmp
GRUB 2	2.00	system/boot/grub
HAL (Hardware Abstraction Layer)	0.5.4	system/hal
ICU	3.6	system/library/iconv
Imaging	1.1.7	library/python/python-imaging-27
Jinja2	2.8	library/python/jinja2-27
Kerberos	1.16.0	security/kerberos-5
LZMA SDK	4.62	system/library
M2Crypto	0.24.0	library/python/m2crypto-27
MPFR		library/mpfr
Mako	1.0.4	library/python/mako-27
MarkupSafe	0.23	library/python/markupsafe-27
MiniSAT	1.14.1	package/pkg
MySQL-python	1.2.5	library/python/python-mysql-27
NDMP SDK		service/storage/ndmp
Netscape Communications		system/kernel/crypto
Open Fabrics kernel components	1.5.3	system/io/infiniband/open-fabrics
PAPI	3.5	diagnostic/cpu-counters
Paste	2.0.3	library/python/paste-27
PasteDeploy	1.5.2	library/python/paste.deploy-27
PrettyTable	0.7.2	library/python/prettytable-27
PyYAML	3.11	library/python/pyyaml-27
Pygments	2.1.3	library/python/pygments-27
Python	2.7.14	library/python/tkinter-27
Python	3.4.8	library/python/tkinter-34
RSA	4	system/kernel/crypto
Reliable Datagram Sockets (RDSv3)	1.3	system/io/infiniband/reliable-datagram-sockets-v3
RequireJS	2.0.5	system/install/auto-install/auto-install-common

Oracle ZFS Storage Appliance ZS7-2 Licensing Information

Technology Name	Technology Version	Packages and Link to License Text
RequireJS i18n plugin	2.0.1	system/install/auto-install/auto-install-common
RequireJS text plugin	2.0.3	system/install/auto-install/auto-install-common
Routes	2.3.1	library/python/routes-27
SQLAlchemy	1.0.12	library/python/sqlalchemy-27
SQLite	2.8.15	system/core-os
Twisted	10.1.0	library/python/python-twisted-27
Underscore.js	1.3.3	system/install/auto-install/auto-install-common
Unicode	8.0	system/library/iconv
V4L2 API definition header files	V4L2 in Linux 3.14	system/header
WebOb	1.5.1	library/python/webob-27
XML-Parser	2.44	library/perl-5/xml-parser-522
Xen PV Drivers	Xen 3.0.4-1	driver/xvm/pv
aac	2.2.3	driver/storage/aac
acpica	20140325	system/kernel
amqp	1.4.9	library/python/amqp-27
anyjson	0.3.3	library/python/anyjson-27
apache2	2.4.34	web/server/apache-24
apr	1.6.3	library/apr-16
apr-util	1.6.1	library/apr-util-16
arn	1.0	driver/network/wlan/arn
arp		system/network
asn1crypto	0.24.0	library/python/asn1crypto-27
atu	1.92	driver/network/wlan/atu
backup		system/core-os
bash	4.4.19.19	shell/bash
bge	1.91.2.32.2.1	driver/network/ethernet/bge
bib		text/doctools
bind	9.10.6-P1	network/dns/bind
binutils	2.30-1	developer/gnu-binutils
boto	2.40.0	library/python/boto-27
bpf	4.3BSD	system/network/bpf
bzip2	1.0.6	compress/bzip2
cdrtools	3.01	media/cdrtools
cfffi	1.11.4	library/python/cffi-27
checkeq		text/doctools
cmd2	0.6.8	library/python/cmd2-27
compress		system/core-os
contextlib2	0.5.1	library/python/contextlib2-27

Technology Name	Technology Version	Packages and Link to License Text
coreutils	8.27	file/gnu-coreutils
coverage	4.0.3	library/python/coverage-27
cron		system/core-os
cryptography	2.1.4	library/python/cryptography-27
curl	7.61.0	web/curl
cyrus-sasl	2.1.26	legacy/system/library/security/libsassl-links
dbus	1.10.22	system/library/dbus
dbus-glib	0.102	system/library/libdbus-glib
debtcollector	1.3.0	library/python/debtcollector-27
desktop-file-utils	0.23	desktop/xdg/desktop-file-utils
diffutils	3.6	text/gnu-diffutils
dnspython	1.12.0	library/python/dnspython-27
eeprom		system/core-os
emlxs		driver/fc/emlxs
enum34	1.1.6	library/python/enum-27
eventlet	0.18.4	library/python/eventlet-27
fasteners	0.14.1	library/python/fasteners-27
filechunkio	1.6	library/python/filechunkio-27
fontconfig	2.12.1	system/library/fontconfig
freetype	2.9.1	system/library/freetype-2
ftp		network/ftp
ftp-proxy	5.5	network/firewall/firewall-ftp-proxy
fts	1.22	system/library
funcsigs	0.4	library/python/funcsigs-27
futures	3.0.5	library/python/futures-27
futurist	0.13.0	library/python/futurist-27
gSOAP	2.7.17	system/library/security/pkcs11_kms
gamin	0.1.10	library/file-monitor/gamin
gawk	4.1.4	text/gawk
gcc	5.5.0	developer/gcc/gcc-c++-5
gcc	7.3.0	developer/gcc/gcc-c++-7
gdbm	1.8.3	library/database/gdbm
getopt_long		system/library
gettext	0.19.8	text/gnu-gettext
gladman	04-03-08	system/kernel/crypto
glib	2.52.0	library/glib2
gmime	2.6.23	library/gmime
gnutls	3.5.16	library/gnutls-3

Oracle ZFS Storage Appliance ZS7-2 Licensing Information

Technology Name	Technology Version	Packages and Link to License Text
gpgme	1.6.0	library/security/gpgme
greenlet	0.4.9	library/python/greenlet-27
groff	1.22.3	text/groff
gsskex	5.7p1	network/ssh
gsskrbkernel	1.8	system/kernel/security/gss
gzip	1.8	compress/gzip
httplib2	0.9.2	library/python/httplib2-27
hwa1480_fw	RC1.3PA2-2	system/io/usb
ibutils	1.5.7	network/open-fabrics
icu	3.6	system/kernel
idna	2.0	library/python/idna-27
ifconfig		system/network
ifparse		system/network
infiniband-diags	1.6.5	network/open-fabrics
iniparse	0.4	library/python/iniparse
intel		system/kernel/platform
ipaddress	1.0.16	library/python/ipaddress-27
ipfilter	4.1.9	network/ipf2pf
ipmi	8.0,8.1	driver/management/ipmi
ipmitool	1.8.15.0	system/management/ipmitool
ipython	0.10	library/python/ipython-27
isl	0.18	library/isl
iso8601	0.1.11	library/python/iso8601-27
iwh	1.0	driver/network/wlan/iwh
iwk	1.16	driver/network/wlan/iwk
iwp	1.0	driver/network/wlan/iwp
jQuery	1.8.0	system/install/auto-install/auto-install-common
jansson	2.10	library/jansson
jpeg	6.0.2	image/library/libjpeg
json-c	0.12	library/json-c
jsonrplib	0.2.6	library/python/jsonrplib-27
jsonschema	2.0.0	library/python/jsonschema-27
kcmbd		network/legacy-remote-utilities
keymaster.js	1.0.2	system/install/auto-install/auto-install-common
keystoneauth1	2.4.0	library/python/keystoneauth1-27
keystonemiddleware	4.4.0	library/python/keystonemiddleware-27
kombu	3.0.35	library/python/kombu-27
ksh93	93u+ 2012-08-01	developer/astdev93

Technology Name	Technology Version	Packages and Link to License Text
lastcomm		system/core-os
less	530	text/less
libX11	1.6.5	x11/library/libx11
libXScrnSaver	1.2.2	x11/library/libxscrn saver
libXau	1.0.8	x11/library/libxau
libXdmcp	1.1.2	x11/library/libxdmcp
libXevie	1.0.3	x11/library/libxevie
libXext	1.3.3	x11/library/libxext
libXft	2.3.2	x11/library/libxft
libXmu	1.1.2	x11/library/libxmu
libXrender	0.9.10	x11/library/libxrender
libassuan	2.4.3	library/security/libassuan
libbsdmalloc		system/library
libcroco	0.6.12	library/libcroco
libedit	20150325-3.1	library/libedit
libestr	0.1.10	library/libestr
libevent	2.0.22	library/libevent
libexpat	2.2.5	library/expat
libffi	3.2.1	library/libffi
libgcrypt	1.8.1	system/library/security/libgcrypt
libgpg-error	1.27	library/security/libgpg-error
libibmad	1.3.12	network/open-fabrics
libibumad	1.3.10.2	network/open-fabrics
libibverbs	1.1.4	network/open-fabrics
libidn	1.34	library/libidn
libidn2	2.0.4	library/libidn2
libinetutil		system/library
libipt	1.5.0	developer/debug/mdb
libkmf		system/library
liblogging	1.0.5	library/liblogging
libmicrohttpd	0.9.52	library/libmicrohttpd
libmlx4	1.0.1	network/open-fabrics
libmp		system/library
libpcap	1.8.1	system/library/libpcap
libpng	1.0.67	image/library/libpng10
libpng	1.2.57	image/library/libpng12
libpng	1.4.20	image/library/libpng14
libpthread-stubs	0.3	x11/library/libpthread-stubs

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Technology Name	Technology Version	Packages and Link to License Text
librabbitmq	1.6.1	library/python/librabbitmq-27
librdmacm	1.0.14.1	network/open-fabrics
libresolv2		system/library
librstp	1.1.02	network/bridging
libsdp	1.1.108	network/open-fabrics
libsigsegv	2.10	library/libsigsegv
libssh2	1.7.0	library/libssh2
libtecla	1.6.1	library/libtecla
libtool	2.4.6	developer/build/libtool
libuuid	1.0	system/library
libxcb	1.12	x11/library/libxcb
libxml2	2.9.5	library/libxml2
libxslt	1.1.28	library/libxslt
look		text/spelling-utilities
lxml	3.6.4	library/python/lxml-27
lz4		system/file-system/zfs
mdb		system/kernel
mdns	1.0	service/network/dns/mdns
mega_sas		driver/storage/mega_sas
memcached	1.4.35	service/memcached
mock	1.3.0	library/python/mock-27
mod_gss	1.3.8	service/network/ftp
mod_wsgi	4.5.1	web/server/apache-24/module/apache-wsgi-27
monotonic	0.6	library/python/monotonic-27
mpathd		system/network
mpc	0.9	library/mpc
mpc	1.0.3	library/mpc
mr_sas		driver/storage/mr_sas
msgpack-python	0.4.7	library/python/msgpack-27
mt		system/core-os
ncurses	6.0.0.20170708	library/ncurses
net-snmp	5.7.3	library/python/net-snmp-27
net80211	1.43	system/kernel
netaddr	0.7.18	library/python/netaddr-27
netcat	1.89	network/netcat
netifaces	0.10.4	library/python/netifaces-27
netlink		system/kernel
netlink	67a7848	system/header

Technology Name	Technology Version	Packages and Link to License Text
nettle	3.2	library/security/nettle
nghttp2	1.27.0	library/nghttp2
nose	1.3.7	library/python/nose
nspr	4.19	library/nspr
nss	3.36.1	library/security/nss
ntp	4.2.8p11	service/network/ntp
oauthlib	1.0.3	library/python/oauthlib-27
openldap	2.4.45	service/network/ldap/openldap
opensm	3.3.19	network/open-fabrics
openssh	7.5p1	network/ssh
openssl	1.0.0	system/kernel/crypto
openssl	1.0.2o	library/security/openssl
openssl-fips-140	1.0.2o	library/security/openssl/openssl-fips-140
oslo.concurrency	3.7.1	library/python/oslo.concurrency-27
oslo.config	3.9.0	library/python/oslo.config-27
oslo.context	2.2.0	library/python/oslo.context-27
oslo.i18n	3.5.0	library/python/oslo.i18n-27
oslo.log	3.3.0	library/python/oslo.log-27
oslo.messaging	4.6.1	library/python/oslo.messaging-27
oslo.middleware	3.8.0	library/python/oslo.middleware-27
oslo.serialization	2.4.0	library/python/oslo.serialization-27
oslo.service	1.8.0	library/python/oslo.service-27
oslo.utils	3.8.0	library/python/oslo.utils-27
osprofiler	1.2.0	library/python/osprofiler-27
ovs		system/kernel
ovs	2.6.1	system/header
p7zip	16.02-3	compress/p7zip
paramiko	2.0.8	library/python/paramiko-27
patricia		system/kernel
pbr	1.8.1	library/python/pbr-27
pcfs		system/file-system/pcfs
pci.ids	2018.06.18	system/data/hardware-registry
pcre	8.41	library/pcre
perftest	1.3.0	network/open-fabrics
perl	5.22.1.1	runtime/perl-522
pf	5.5	network/firewall
pflogd	5.5	network/firewall/firewall-pflog
pigz	2.3.4	compress/pigz

Oracle ZFS Storage Appliance ZS7-2 Licensing Information

Technology Name	Technology Version	Packages and Link to License Text
pika	0.10.0	library/python/pika-27
pika-pool	0.1.3	library/python/pika-pool-27
pip	8.1.1	library/python/pip-27
pkcs11	2.40	system/header
ply	3.8	library/python/ply-27
policykit		system/library/policykit
popt	1.16	library/popt
portfp		system/library
portgen		system/library
positional	1.0.1	library/python/positional-27
proftpd	1.3.6	service/network/ftp
py	1.4.31	library/python/py-27
pyOpenSSL	16.2.0	library/python/pyopenssl-27
pyasn1	0.4.2	library/python/pyasn1-27
pyasn1-modules	0.2.1	library/python/pyasn1-modules-27
pybonjour	1.1.1	library/python/pybonjour-27
pycadf	2.2.0	library/python/pycadf
pycparser	2.14	library/python/pycparser-27
pycurl	7.43.0	library/python/pycurl
pyparsing	2.1.4	library/python/pyparsing-27
pyrabbit	1.1.0	library/python/pyrabbit-27
pytest	2.9.1	library/python/pytest-27
python-ceilometerclient	2.4.0	library/python/ceilometerclient-27
python-dateutil	2.5.3	library/python/dateutil-27
python-keystoneclient	2.3.1	library/python/keystoneclient-27
python-ldap	2.4.25	library/python/python-ldap-27
python-memcached	1.57	library/python/python-memcached-27
python-swiftclient	3.0.0	library/python/swiftclient
pytz	2016.4	library/python/pytz-27
qlc		driver/fc/qlc
qperf	0.4.9	network/open-fabrics
quagga	0.99.19	system/network/routing/quagga
raccoon2	1.38	system/network/ike
rnp		network/legacy-remote-utilities
rds-tools	2.0.4	network/open-fabrics
readline	5.2	library/readline
readline	6.3	library/readline
repoze.lru	0.6	library/python/repoze.lru-27

Technology Name	Technology Version	Packages and Link to License Text
requests	2.9.1	library/python/requests-27
retrying	1.3.3	library/python/retrying-27
route		system/network
routed.bsd		system/network/routing
rsh		network/legacy-remote-utilities
rsync	3.1.2	network/rsync
rsyslog	8.15.0	system/rsyslog
rts		system/kernel
rum	1.13.2.1	driver/network/wlan/rum
script		system/core-os
sendmail	8.14.9	mail/mail.local
sendmail	8.15.2	library/libmilter
setuptools	19.2	library/python/setuptools-27
sg3_utils	1.42	system/storage/sg3_utils
shared-mime-info	1.8	data/shared-mime-info
shim	0.9	boot/shim
simplejson	3.6.5	library/python/simplejson-27
six	1.10.0	library/python/six-27
smbfs	1.4.5	system/file-system/smb
smp_utils	0.98	system/storage/smp_utils
snappy	1.1.3	library/snappy
snia-hbaapi	2.0	system/library/storage/snia-hbaapi
snia-ima	1.0	system/library/storage/snia-ima
snia-mpapi	1.1	system/library/storage/snia-mpapi
sqlite	3.24.0	database/sqlite-3
sqlparse	0.1.19	library/python/sqlparse-27
sscanf		system/kernel
stevedore	1.12.0	library/python/stevedore-27
swift	Mitaka 2.7.0	cloud/openstack/swift
t11-sm-hba	1.0	system/library/storage/t11-sm-hba
tarfile	2.4	package/pkg
tcl	8.6.7	runtime/tcl-8
tcp-wrapper	7.6	security/tcp-wrapper
tcpdump	4.9.2	diagnostic/tcpdump
tcsh	6.20.0	shell/tcsh
telnet		network/telnet
terminfo		system/data/terminfo
termio		system/kernel

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Technology Name	Technology Version	Packages and Link to License Text
timers		system/kernel
tip		system/core-os
tk	8.6.7	runtime/tk-8
traceroute	1.3.2	system/network
trousers	0.3.13	library/security/trousers
uath	1.3	driver/network/wlan/uath
ufs		system/file-system/ufs
ul		text/doctools
unicode	5.0	system/kernel
units		system/core-os
ural	1.70	driver/network/wlan/ural
urtw	1.23	driver/network/wlan/urtw
usb.ids	2018.05.04	system/data/hardware-registry
vgaarb	1.0.0	driver/x11/xsvc
vgrind		text/doctools
vi		developer/base-developer-utilities
vim	8.0.711	editor/gvim
vmstat		system/core-os
wget	1.19.5	web/wget
which		system/core-os
which	2.21	shell/which
wireshark	2.6.3	diagnostic/wireshark
wrapt	1.10.6	library/python/wrapt-27
xattr	0.9.3	library/python/xattr-27
xauth	1.0.10	x11/session/xauth
xorriso	1.4.8	media/xorriso
xproto	7.7	x11/header/x11-protocols
xstr		system/core-os
xz	5.2.3	compress/xz
zlib	1.2.11	library/zlib
zope.interface	4.3.2	library/python/python-zope-interface-27
zsh	5.3.1	shell/zsh
zyd	0.1.3.1	driver/network/wlan/zyd

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3.2.16.1 Licensing Information User Manual Oracle ZFS Storage ZS5-ES

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Chelsio Communications	Chelsio N110 10GbE NIC Driver	Licensed under the Chelsio Communications license agreement available at driver/network/ethernet/chxge
Emulex	Emulex FCA Driver	Licensed under the Emulex license agreement available at driver/fc/emlxs
Intel	Intel Pro/100 Family NIC Driver	Licensed under the Intel license agreement available at driver/network/ethernet/iprb.
LSI	LSI MegaRAID SAS HBA Driver	Licensed under the LSI license agreement available at driver/storage/mega_sas.
LSI	LSI MegaRAID SAS 2.0 HBA Driver	Licensed under the LSI license agreement available at driver/storage/mr_sas.
Myricom	Myricom 10GbE NIC Driver	Licensed under the Myricom license agreement available at driver/network/ethernet/myri10ge.
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Table 3.8 Third Party Licenses and Notices

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aac	2.2.3	driver/storage/aac
acpica	20120215	system/kernel
AES	39541	system/boot/wanboot
afe	v0.8.0	driver/network/ethernet/afe
apache2	2.2.31	web/server/apache-22
apr	1.5.1	library/apr-15
apr-util	1.5.4	library/apr-util-15
apr-util	1.5.4	library/apr-util-15/apr-ldap
apr-util	1.5.4	library/apr-util-15/dbd-mysql
apr-util	1.5.4	library/apr-util-15/dbd-sqlite
arn	1.0	driver/network/wlan/arn
arp		system/network
ath	20040619	driver/network/wlan/ath
atu	1.92	driver/network/wlan/atu
backup		system/core-os
base-developer-utilities		developer/base-developer-utilities
bash	4.1.11	shell/bash
berkeleydb-5		database/berkeleydb-5
bge	1.91.2.32.2.1	driver/network/ethernet/bge
bigreqsproto	1.1.2	x11/header/x11-protocols
bind	9.6-ESV-R10-P2	system/manual
bind	9.6-ESV-R11	network/dns/bind
bind	9.6-ESV-R11	service/network/dns/bind
binutils	2.23.1	developer/gnu-binutils
bpf	4.3BSD	system/network/bpf
bzip2	1.0.6	compress/bzip2
bzip2	1.0.6	developer/debug/mdb
checkedq		text/doctools
checknr		text/doctools
CherryPy	3.1.2	library/python-2/cherrypy-26
compositeproto	0.4.2	x11/header/x11-protocols
compress		system/core-os

Technology Name	Technology Version	Packages and Link to License Text
cron		system/core-os
Csh		system/core-os
curl	7.40.0	web/curl
damageproto	1.2.1	x11/header/x11-protocols
dbus	1.7.1	system/library/dbus
dbus	1.7.1	system/library/libdbus
device-administration		system/device-administration
dmxproto	2.3.1	x11/header/x11-protocols
dri2proto	2.8	x11/header/x11-protocols
DTraceToolkit	0.99	system/dtrace/dtrace-toolkit
EEPROM		system/core-os
elx	1.109	driver/network/ethernet/elx
eqn		text/doctools
evieext	1.1.1	x11/header/x11-protocols
fixesproto	5.0	x11/header/x11-protocols
fontproto	2.1.2	x11/header/x11-protocols
freetype	2.4.11	system/library/freetype-2
ftp	1.3.5	service/network/ftp
gawk	3.1.8	text/gawk
gcc	3.4.3	developer/gcc-3
gcc	3.4.3	system/library/gcc-3-runtime
gcc	4.5.2	developer/gcc-45
gcc	4.5.2	system/library/gcc-45-runtime
gdbm	1.8.3	library/database/gdbm
getopt_long		system/library
gladman		system/kernel
gladman		system/library
glib2	2.28.6	library/glib2
glproto	1.4.16	x11/header/x11-protocols
gnutls	2.8.6	library/gnutls
groff	1.19.2	text/groff/groff-core
grub	1.99	system/boot/grub
gzip	1.5	compress/gzip
ibutils	1.5.7	network/open-fabrics
ICU	3.6	system/library/iconv/utf-8
icu	3.6	system/kernel
ifconfig		system/network
ifparse		system/network

Technology Name	Technology Version	Packages and Link to License Text
infiniband-diags	1.5.8	network/open-fabrics
inputproto	2.3	x11/header/x11-protocols
instant	1.116	text/doctools
intel		system/kernel/platform
IPFilter	4.1.9	network/ipfilter
ipmitool	1.8.12	system/management/ipmitool
ipw	1.30.2.1	driver/network/wlan/ipw
iwh	1.0	driver/network/wlan/iwh
iwi	1.57	driver/network/wlan/iwi
iwk	1.16	driver/network/wlan/iwk
iwp	1.0	driver/network/wlan/iwp
jss	4.3.2	library/java/jss
kbproto	1.0.6	x11/header/x11-protocols
kcmd		network/legacy-remote-utilities
kerberos	1.13	system/security/kerberos-5
kerberos	1.13	system/kernel/security/gss
kerberos	1.13	service/security/kerberos-5
keyboard-utilities		system/keyboard/keyboard-utilities
lastcomm		system/core-os
ldap command line tools	Sun/Netscape/iPlanet	naming/ldap
less	436	text/less
libbsdmalloc		system/library
libexpat	2.1.0	library/expat
libffi	3.0.9	library/libffi
libgcrypt	1.5.3	system/library/security/libgcrypt
libgpg-error	1.12	library/security/libgpg-error
libhbaapi	2.0	system/library/storage/snia-hbaapi
libibmad	1.3.7	network/open-fabrics
libibumad	1.3.7	network/open-fabrics
libibverbs	1.1.4	network/open-fabrics
libidn	1.19	library/libidn
libinetutil		system/library
libkmf		system/library
libldap4		system/library
libmlx4	1.0.1	network/open-fabrics
libmp		system/library
libmpapi	1.0	system/library/storage/snia-mpapi
libpcap	1.5.1	system/library/libpcap

Technology Name	Technology Version	Packages and Link to License Text
libpng	1.4.11	image/library/libpng
libpthread-stubs	0.3	x11/library/libpthread-stubs
librdmacm	1.0.14.1	network/open-fabrics
libresolv		system/library
librstp	1.1.02	network/bridging
libsasl	2.12	system/library/security/gss
libsasl	2.12	system/library/security/libsasl
libsdp	1.1.108	network/open-fabrics
libssh2	1.4.2	library/libssh2
libtasn1	2.8	library/libtasn1
libtecla	1.6.1	library/libtecla
libtool	2.4.2	library/libtool/libltdl
libuuid	1.0	system/library
libX11	1.6.2	x11/library/libx11
libXau	1.0.8	x11/library/libxau
libxcb	1.9.1	x11/library/libxcb
libXdmcp	1.1.1	x11/library/libxdmcp
libXevie	1.0.3	x11/library/libxevie
libXext	1.3.2	x11/library/libxext
libxml2	2.9.2	library/libxml2
libXScrnSaver	1.2.2	x11/library/libxscrnsaver
libxslt	1.1.28	library/libxslt
libxslt	1.1.28	library/python-2/libxsl-26
linker		system/linker
locale		system/install/locale
look		text/spelling-utilities
lua	5.1.4	runtime/lua
LZMA SDK	4.62	system/library
M2Crypto	0.21.1	library/python-2/m2crypto-26
Mako	0.4.1	library/python-2/mako-26
Man command support: SGML (Standard Generalized Markup Language) SDATA (Specific Character Data)		text/doctools
mdb		system/kernel
mdb		system/kernel/platform
mdns	1.0	service/network/dns/mdns
MiniSAT	1.14.1	package/pkg
mpathd		system/network

Technology Name	Technology Version	Packages and Link to License Text
mt		system/core-os
mw1	1.5	driver/network/wlan/mw1
mxfe	0.8.0	driver/network/ethernet/mxfe
mysql-55	5.5.43	database/mysql-55
mysql-55	5.5.43	database/mysql-55/library
ncurses	5.7	library/ncurses
ndmp	SDK	service/storage/ndmp
net80211	1.43	system/kernel
netcat	1.89	network/netcat
net-snmp	5.4.1	system/management/snmp/net-snmp
net-snmp	5.4.1	system/management/snmp/net-snmp/addons
nfs		system/file-system/nfs
nsgmls	1.3.1	text/doctools
NSPR	4.9.5	library/nspr
NSS	3.14.3	library/security/nss
NSS	3.14.3	security/nss-utilities
ntp	4.2.8	service/network/ntp
numpy	1.4.1	library/python-2/python-extra-26
omp_collector_api.h		system/library/openmp
Open Fabrics Infiniband stack	1.3.1	system/io/infiniband/open-fabrics
Open Fabrics Infiniband stack	1.3.1	system/io/infiniband/reliable-datagram-sockets
open-fabrics	1.5.3	network/open-fabrics
openldap	2.4.30	library/openldap
opensm	3.3.9	network/open-fabrics
OpenSSH	5.6	network/ssh
OpenSSH	5.6	network/ssh/ssh-key
OpenSSH	5.6	service/network/ssh
openssl	1.0.1p	library/security/openssl
p7zip	9.20.1	compress/p7zip
pam_pkcs11	0.6.0	system/manual
PAPI	3.5	diagnostic/cpu-counters
patricia		system/kernel
patricia		system/kernel/platform
pcan	5.1	driver/network/wlan/pcan
pcfs		system/file-system/pcfs
pcfs		system/kernel

Technology Name	Technology Version	Packages and Link to License Text
pcre	8.37	library/pcre
pcwl	5.1	driver/network/wlan/pcwl
perftest	1.3.0	network/open-fabrics
perl-584	5.8.4	runtime/perl-584
perl-584	5.8.4	runtime/perl-584/extra
Perl	5.12.3	runtime/perl-512
Perl	5.8.4	library/perl-5/sun-solaris-512
ping		network/ping
ply	3.1	library/python-2/ply-26
ply	3.1	library/python-2/ply-27
portgen		system/library
printproto	1.0.5	x11/header/x11-protocols
pybonjour	1.1.1	library/python-2/pybonjour-26
pycurl	7.19.0.1	library/python-2/pycurl
pycurl	7.19.0.1	library/python-2/pycurl-26
pycurl	7.19.0.1	library/python-2/pycurl-27
pylxml	2.3.3	library/python-2/lxml-26
pylxml	2.3.3	library/python-2/lxml-27
pyOpenSSL	0.13	library/python-2/pyopenssl-26
pyOpenSSL	0.13	library/python-2/pyopenssl-27
Pyrex	0.9.9	library/python-2/python-extra-26
Python	2.6.8	runtime/python-26
qperf	0.4.6	network/open-fabrics
quagga	0.99.19	system/network/routing/quagga
ral	1.7	driver/network/wlan/ral
randproto	1.4.0	x11/header/x11-protocols
rcp		network/legacy-remote-utilities
rdisc		system/network/routing
rds-tools	2.0.4	network/open-fabrics
readline	5.2	library/readline
recordproto	1.14.2	x11/header/x11-protocols
refer		text/doctools
renderproto	0.11.1	x11/header/x11-protocols
resourceproto	1.2.0	x11/header/x11-protocols
rlogind		service/network/legacy-remote-utilities
route		system/network
routed.bsd		system/network/routing
rsh		network/legacy-remote-utilities

Technology Name	Technology Version	Packages and Link to License Text
rts		system/kernel
rtw	1.9	driver/network/wlan/rtw
rum	1.13.2.1	driver/network/wlan/rum
rwd	1.17	driver/network/wlan/rwd
rwn	1.20	driver/network/wlan/rwn
script		system/core-os
scrnsaverproto	1.2.2	x11/header/x11-protocols
sendmail	8.14.5	library/libmilter
sfe	2.2.0	driver/network/ethernet/sfe
sg3_utils	1.33	system/storage/sg3_utils
simplejson	2.1.2	library/python-2/simplejson-26
simplejson	2.1.2	library/python-2/simplejson-27
smbfs	1.4.5	system/file-system/smb
soelim		text/doctools
SolBook DTD	2.0	text/doctools
SQLite	2.8.15	system/core-os
sqlite	3.7.14.1	database/sqlite-3
sqlite	3.7.14.1	database/sqlite-3/documentation
sqlite	3.7.14.1	runtime/tcl-8/tcl-sqlite-3
sscanf		system/kernel
sscanf		system/kernel/platform
Storage Management HBA API	1	system/library/storage/t11-sm-hba
svr4		package/svr4
tack	1.06	terminal/tack
tarfile	2.4	package/pkg
tbl		text/doctools
tcl	8.5.12	runtime/tcl-8
tcpdump	4.7.4	diagnostic/tcpdump
tcp-wrapper	7.6	system/library
telnet		network/telnet
terminfo		system/data/terminfo
termio		system/kernel
timers		system/kernel
timers		system/kernel/platform
tip		system/core-os
traceroute	1.3.2	system/network
trousers	0.3.6	library/security/trousers
Twisted	10.1.0	library/python-2/python-twisted-26

Technology Name	Technology Version	Packages and Link to License Text
uath	1.3	driver/network/wlan/uath
ufs		system/file-system/ufs
ul		text/doctools
Unicode	6.0	system/library/iconv/unicode-core
Unicode	6.0	system/library/iconv/utf-8
units		system/core-os
ural	1.70	driver/network/wlan/ural
urtw	1.23	driver/network/wlan/urtw
usb		system/io/usb
V4L2 API definition header files	V4L2 in Linux 3.14	system/header
vgrind		text/doctools
vi		system/core-os
vi		system/library
videoproto	2.3.2	x11/header/x11-protocols
vim	7.3.600	editor/vim/vim-core
vmstat		system/core-os
wget	1.16	web/wget
which		system/core-os
wireshark	1.12.7	diagnostic/wireshark/tshark
wireshark	1.12.7	diagnostic/wireshark/wireshark-common
wpi	1.38	driver/network/wlan/wpi
xcmiscproto	1.2.2	x11/header/x11-protocols
xcu4		system/xopen/xcu4
xdg-utils	1.0.2	desktop/xdg/xdg-utils
xextproto	7.2.1	x11/header/x11-protocols
xf86dgaproto	2.1	x11/header/x11-protocols
xf86driproto	2.1.1	x11/header/x11-protocols
xf86miscproto	0.9.3	x11/header/x11-protocols
xf86vidmodeproto	2.3.1	x11/header/x11-protocols
XML-Parser	2.36	library/perl-5/xml-parser-512
xorriso	0.6.0	media/xorriso
xproto	7.0.24	x11/header/x11-protocols
xproxymanagementprotocol	1.0.3	x11/header/x11-protocols
xstr		system/core-os
yge	7.3	driver/network/ethernet/yge
zlib	1.2.8	library/zlib
zlib	1.2.3	developer/debug/mdb
zope.interface	3.3.0	library/python-2/python-zope-interface-26

Technology Name	Technology Version	Packages and Link to License Text
zsh	4.3.12	shell/zsh
zyd	0.1.3.1	driver/network/wlan/zyd

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Technology Name	Technology Version	Packages and Link to License Text
aac	2.2.3	driver/storage/aac
acpica	20120215	system/kernel
AES	39541	system/boot/wanboot
afe	v0.8.0	driver/network/ethernet/afe
amd8111s		driver/network/ethernet/amd8111s
amqp	1.0.12	library/python-2/amqp-27
anyjson	0.3.3	library/python/anyjson-27
apache2	2.2.31	web/server/apache-22
apr	1.5.1	library/apr-15
apr-util	1.5.4	library/apr-util-15
apr-util	1.5.4	library/apr-util-15/apr-ldap
apr-util	1.5.4	library/apr-util-15/dbd-mysql
apr-util	1.5.4	library/apr-util-15/dbd-sqlite
arn	1.0	driver/network/wlan/arn
arp		system/network
ath	20040619	driver/network/wlan/ath
atu	1.92	driver/network/wlan/atu
aryehleib		library/python/django-26
Babel	1.3	library/python/babel-34
backup		system/core-os
base-developer-utilities		developer/base-developer-utilities
bash	4.1.11	shell/bash
berkeleydb-5		database/berkeleydb-5
bge	1.91.2.32.2.1	driver/network/ethernet/bge
bigreqsproto	1.1.2	x11/header/x11-protocols
bind	9.6-ESV-R10-P2	system/manual
bind	9.6-ESV-R11	network/dns/bind
bind	9.6-ESV-R11	service/network/dns/bind
binutils	2.23.1	developer/gnu-binutils
boto	2.34.0	library/python/boto-27
bpf	4.3BSD	system/network/bpf
bzip2	1.0.6	compress/bzip2
bzip2	1.0.6	developer/debug/mdb
cff	0.8.2	library/python/cffi-34
checkeq		text/doctools
checknr		text/doctools
CherryPy	3.1.2	library/python-2/cherrypy-26

Technology Name	Technology Version	Packages and Link to License Text
chxge		driver/network/ethernet/chxge
compositeproto	0.4.2	x11/header/x11-protocols
compress		system/core-os
cron		system/core-os
Csh		system/core-os
curl	7.40.0	web/curl
D3	3.5.16	https://d3js.org/
damageproto	1.2.1	x11/header/x11-protocols
dbus	1.7.1	system/library/dbus
dbus	1.7.1	system/library/libdbus
device-administration		system/device-administration
Django	1.4.22	library/python/django-26
django/contrib/gis/measure.py		library/python/django-26
dnspython	1.11.1	library/python/dnspython-27
dmxproto	2.3.1	x11/header/x11-protocols
dri2proto	2.8	x11/header/x11-protocols
DTraceToolkit	0.99	system/dtrace/dtrace-toolkit
eeprom		system/core-os
elx1	1.109	driver/network/ethernet/elx1
emlxs		driver/fc/emlxs
eqn		text/doctools
eventlet	0.15.2	library/python/eventlet-34
evieext	1.1.1	x11/header/x11-protocols
filechunkio	1.5	library/python/filechunkio-34
fixesproto	5.0	x11/header/x11-protocols
fontspROTO	2.1.2	x11/header/x11-protocols
freetype	2.4.11	system/library/freetype-2
ftp	1.3.5	service/network/ftp
futures	2.2.0	library/python/futures-27
gawk	3.1.8	text/gawk
gcc	3.4.3	developer/gcc-3
gcc	3.4.3	system/library/gcc-3-runtime
gcc	4.5.2	developer/gcc-45
gcc	4.5.2	system/library/gcc-45-runtime
gdbm	1.8.3	library/database/gdbm
getopt_long		system/library
gettext	0.16.1	text/gnu-gettext
gladman		system/kernel

Technology Name	Technology Version	Packages and Link to License Text
gladman		system/library
glib2	2.28.6	library/glib2
glproto	1.4.16	x11/header/x11-protocols
gnutls	2.8.6	library/gnutls
groff	1.19.2	text/groff/groff-core
grub	1.99	system/boot/grub
gzip	1.5	compress/gzip
httplib2	0.8	library/python-2/httplib2-27
ibutils	1.5.7	network/open-fabrics
ICU	3.6	system/library/iconv/utf-8
icu	3.6	system/kernel
ifconfig		system/network
ifparse		system/network
imaging	1.1.7	library/python/python-imaging-27
ipmitool	1.8.12	system/management/ipmitool
infiniband-diags	1.5.8	network/open-fabrics
iprb		driver/network/ethernet/iprb
iniparse	0.4	library/python/iniparse-27
inputproto	2.3	x11/header/x11-protocols
instant	1.116	text/doctools
intel		system/kernel/platform
IPFilter	4.1.9	network/ipfilter
ipw	1.30.2.1	driver/network/wlan/ipw
ipython	0.10	library/python/ipython-27
isc-dhcp	4.1.0.7.2	service/network/dhcp/isc-dhcp
iso8601	0.1.10	library/python/iso8601-27
iso_abstract_expand.xsl		library/python-2/lxml-27
iso_dsd_include.xsl		library/python-2/lxml-27
iso-schematron.rng		library/python-2/lxml-27
iso_schematron_message.xsl		library/python-2/lxml-27
iso_schematron_skeleton_for_xslt.xsl		library/python-2/lxml-27
iso_svrl_for_xslt.xsl		library/python-2/lxml-27
iwh	1.0	driver/network/wlan/iwh
iwi	1.57	driver/network/wlan/iwi
iwk	1.16	driver/network/wlan/iwk
iwp	1.0	driver/network/wlan/iwp
jpeg	v6b	image/library/libjpeg
jquery		library/python/django-26

Technology Name	Technology Version	Packages and Link to License Text
jquery		library/python/sqlalchemy-27
jss	4.3.2	library/java/jss
kbproto	1.0.6	x11/header/x11-protocols
kcnd		network/legacy-remote-utilities
kerberos	1.13	system/security/kerberos-5
kerberos	1.13	system/kernel/security/gss
kerberos	1.13	service/security/kerberos-5
keyboard-utilities		system/keyboard/keyboard-utilities
keystonemiddleware	1.3.1	library/python/keystonemiddleware-26
kombu	2.5.12	library/python-2/kombu-27
ksh93	93.21.0.20110208	shell/ksh93
lastcomm		system/core-os
ldap command line tools	Sun/Netscape/iPlanet	naming/ldap
less	436	text/less
lib/python-2.3/ConfigParser.py		library/python/iniparse-27
lib/python-2.3/test/test_cfgparse.py		library/python/iniparse-27
libbsdmalloc		system/library
libevent	1.4.14b	library/libevent
libexpat	2.1.0	library/expat
libffi	3.0.9	library/libffi
libgcrypt	1.5.3	system/library/security/libgcrypt
libgpg-error	1.12	library/security/libgpg-error
libhbaapi	2.0	system/library/storage/snia-hbaapi
libibmad	1.3.7	network/open-fabrics
libibumad	1.3.7	network/open-fabrics
libibverbs	1.1.4	network/open-fabrics
libidn	1.19	library/libidn
libinetutil		system/library
libkmf		system/library
libldap4		system/library
libmlx4	1.0.1	network/open-fabrics
libmp		system/library
libmpapi	1.0	system/library/storage/snia-mpapi
libpcap	1.5.1	system/library/libpcap
libpng	1.4.11	image/library/libpng
libpthread-stubs	0.3	x11/library/libpthread-stubs
librabbitmq	1.0.1	library/python/librabbitmq-26

Technology Name	Technology Version	Packages and Link to License Text
librdmacm	1.0.14.1	network/open-fabrics
libresolv		system/library
librstp	1.1.02	network/bridging
libsasl	2.12	system/library/security/gss
libsasl	2.12	system/library/security/libsasl
libsdp	1.1.108	network/open-fabrics
libssh2	1.4.2	library/libssh2
libtasn1	2.8	library/libtasn1
libtecla	1.6.1	library/libtecla
libuuid	1.0	system/library
libX11	1.6.2	x11/library/libx11
libXau	1.0.8	x11/library/libxau
libxcb	1.9.1	x11/library/libxcb
libXdmcp	1.1.1	x11/library/libxdmcp
libXevie	1.0.3	x11/library/libxevie
libXext	1.3.2	x11/library/libxext
libxml2	2.9.2	library/libxml2
libxmu	1.1.2	x11/library/libxmu
libXScrnSaver	1.2.2	x11/library/libxscrnsaver
libxslt	1.1.28	library/libxslt
libxslt	1.1.28	library/python-2/libxslt-26
linker		system/linker
locale		system/install/locale
look		text/spelling-utilities
lua	5.1.4	runtime/lua
LZMA SDK	4.62	system/library
M2Crypto	0.21.1	library/python-2/m2crypto-26
Mako	0.4.1	library/python-2/mako-26
Man command support: SGML (Standard Generalized Markup Language) SDATA (Specific Character Data)		text/doctools
mdb		system/kernel
mdb		system/kernel/platform
mdns	1.0	service/network/dns/mdns
mega_sas		driver/storage/mega_sas
MiniSAT	1.14.1	package/pkg
mock	1.0.1	library/python-2/mock-27
mod_gss	1.3.6	system/network/ftp

Technology Name	Technology Version	Packages and Link to License Text
mod_wsgi	4.3.0	web/server/apache-22/module/apache-wsgi-27
mpathd		system/network
mr_sas		driver/storage/mr_sas
mt		system/core-os
mwll	1.5	driver/network/wlan/mwll
mxfe	0.8.0	driver/network/ethernet/mxfe
myri10ge		driver/network/ethernet/myri10ge
mysql-26	1.2.5	library/python/python-mysql-26
mysql-51	5.1.37	database/mysql-51/library
mysql-55	5.5.43	database/mysql-55
mysql-55	5.5.43	database/mysql-55/library
ncurses	5.7	library/ncurses
ndmp	SDK	service/storage/ndmp
net80211	1.43	system/kernel
netaddr	0.7.13	library/python/netaddr-27
netcat	1.89	network/netcat
netifaces	0.8	library/python-2/netifaces-27
net-snmp	5.4.1	system/management/snmp/net-snmp
net-snmp	5.4.1	system/management/snmp/net-snmp/addons
nfs		system/file-system/nfs
nsgmls	1.3.1	text/doctools
NSPR	4.9.5	library/nspr
NSS	3.14.3	library/security/nss
NSS	3.14.3	security/nss-utilities
ntp	4.2.8	service/network/ntp
numpy	1.4.1	library/python-2/python-extra-26
oauthlib	0.7.2	library/python/oauthlib-27
omp_collector_api.h		system/library/openmp
Open Fabrics Infiniband stack	1.3.1	system/io/infiniband/open-fabrics
Open Fabrics Infiniband stack	1.3.1	system/io/infiniband/reliable-datagram-sockets
open-fabrics	1.5.3	network/open-fabrics
openldap	2.4.30	library/openldap
opensm	3.3.9	network/open-fabrics
OpenSSH	0.5.11	service/network/ssh-common
OpenSSH	6.5.0.1	network/openssh
openssl	1.0.1p	library/security/openssl

Technology Name	Technology Version	Packages and Link to License Text
openstackclient	1.0.4	library/python/openstackclient-27
openstack-common	0.2014.2.2	cloud/openstack/openstack-common
oslo.config	1.6.0	library/python/oslo.config-34
oslo.i18n	1.3.1	library/python/oslo.i18n-34
oslo.messaging	1.4.1	library/python/oslo.messaging-27
oslo.serialization	1.2.0	library/python/oslo.serialization-27
oslo.utils	1.2.1	library/python/oslo.utils-27
p7zip	9.20.1	compress/p7zip
pam_pkcs11	0.6.0	system/manual
PAPI	3.5	diagnostic/cpu-counters
paste	1.7.5.1	library/python/paste-27
patricia		system/kernel
patricia		system/kernel/platform
pbr	0.8.1	library/python/pbr-27
pcan	5.1	driver/network/wlan/pcan
pcfs		system/file-system/pcfs
pcfs		system/kernel
pcre	8.37	library/pcre
pcwl	5.1	driver/network/wlan/pcwl
perftest	1.3.0	network/open-fabrics
perl-584	5.8.4	runtime/perl-584
perl-584	5.8.4	runtime/perl-584/extra
Perl	5.12.3	runtime/perl-512
Perl	5.8.4	library/perl-5/sun-solaris-512
ping		network/ping
pip	6.0.8	library/python/pip-27
plxml	2.3.3	library/python/lxml-27
ply	3.1	library/python-2/ply-26
ply	3.1	library/python-2/ply-27
portgen		system/library
posix_ipc	0.9.9	library/python/posix_ipc-27
prettytable	0.7.2	library/python/prettytable-34
printproto	1.0.5	x11/header/x11-protocols
pybonjour	1.1.1	library/python-2/pybonjour-26
pycadf	0.6.0	library/python/pycadf-27
pycparser	2.10	library/python/pycparser-34
pycurl	7.19.0.1	library/python-2/pycurl
pycurl	7.19.0.1	library/python-2/pycurl-26

Technology Name	Technology Version	Packages and Link to License Text
pycurl	7.19.0.1	library/python-2/pycurl-27
pylxml	2.3.3	library/python-2/lxml-26
pylxml	2.3.3	library/python-2/lxml-27
pyOpenSSL	0.13	library/python-2/pyopenssl-26
pyOpenSSL	0.13	library/python-2/pyopenssl-27
pyrabbit	1.0.1	library/python/pyrabbit-27
Pyrex	0.9.9	library/python-2/python-extra-26
Python	2.6.8	runtime/python-26
python-memcached	1.53	library/python/python-memcached-27
pytz	2014.10	library/python/pytz-27
PyYAML	3.9	library/python/pyyaml-34
qlc		driver/fc/qlc
qperf	0.4.6	network/open-fabrics
quagga	0.99.19	system/network/routing/quagga
ral	1.7	driver/network/wlan/ral
randrproto	1.4.0	x11/header/x11-protocols
rarp		network/legacy-remote-utilities
rdisc		system/network/routing
rds-tools	2.0.4	network/open-fabrics
readline	5.2	library/readline
recordproto	1.14.2	x11/header/x11-protocols
refer		text/doctools
renderproto	0.11.1	x11/header/x11-protocols
requests	2.6.0	library/python/requests-27
resourceproto	1.2.0	x11/header/x11-protocols
rlogind		service/network/legacy-remote-utilities
RNG2Schtrn.xml		library/python-2/lxml-27
route		system/network
routed.bsd		system/network/routing
rsh		network/legacy-remote-utilities
rsync	3.1.0	network/rsync
rts		system/kernel
rtw	1.9	driver/network/wlan/rtw
rum	1.13.2.1	driver/network/wlan/rum
rwd	1.17	driver/network/wlan/rwd
rwn	1.20	driver/network/wlan/rwn
script		system/core-os
scrnsaverproto	1.2.2	x11/header/x11-protocols

Technology Name	Technology Version	Packages and Link to License Text
sendmail	8.14.5	library/libmilter
setuptools	19.2	library/python/setuptools-35
sfe	2.2.0	driver/network/ethernet/sfe
sg3_utils	1.33	system/storage/sg3_utils
simplejson	2.1.2	library/python-2/simplejson-26
simplejson	2.1.2	library/python-2/simplejson-27
six	1.9.0	library/python/six-27
smbfs	1.4.5	system/file-system/smb
smp_utils	0.97	system/storage/smp_utils
soelim		text/doctools
SolBook DTD	2.0	text/doctools
sqlalchemy	0.9.8	library/python/sqlalchemy-27
SQLite	2.8.15	system/core-os
sqlite	3.7.14.1	database/sqlite-3
sqlite	3.7.14.1	database/sqlite-3/documentation
sqlite	3.7.14.1	runtime/tcl-8/tcl-sqlite-3
sscanf		system/kernel
sscanf		system/kernel/platform
stevedore	0.10	library/python-2/stevedore-26
Storage Management HBA API	1	system/library/storage/t11-sm-hba
svr4		package/svr4
swift	1.10.0	cloud/openstack/swift
tack	1.06	terminal/tack
tarfile	2.4	package/pkg
tbl		text/doctools
tcl	8.5.12	runtime/tcl-8
tcpdump	4.7.4	diagnostic/tcpdump
tcp-wrapper	7.6	system/library
telnet		network/telnet
terminfo		system/data/terminfo
termio		system/kernel
test_compat.py		library/python/iniparse-27
tests	2.7.9	runtime/python-27/tests
timers		system/kernel
timers		system/kernel/platform
tip		system/core-os
traceroute	1.3.2	system/network
trousers	0.3.6	library/security/trousers

Technology Name	Technology Version	Packages and Link to License Text
Twisted	10.1.0	library/python-2/python-twisted-26
uath	1.3	driver/network/wlan/uath
ufs		system/file-system/ufs
ul		text/doctools
underscore		library/python/sqlalchemy-27
Unicode	6.0	system/library/iconv/unicode-core
Unicode	6.0	system/library/iconv/utf-8
units		system/core-os
unittest	0.5.1	library/python/unittest2-26
ural	1.70	driver/network/wlan/ural
urtw	1.23	driver/network/wlan/urtw
usb		system/io/usb
V4L2 API definition header files	V4L2 in Linux 3.14	system/header
vgrind		text/doctools
vi		system/core-os
vi		system/library
videoproto	2.3.2	x11/header/x11-protocols
vim	7.3.600	editor/vim/vim-core
vmstat		system/core-os
WebOb	1.2.3	library/python/webob-27
WebOb	1.2.3	library/python/webob-34
wget	1.16	web/wget
which		system/core-os
wireshark	1.12.7	diagnostic/wireshark/tshark
wireshark	1.12.7	diagnostic/wireshark/wireshark-common
wpi	1.38	driver/network/wlan/wpi
xattr	0.7.4	library/python/xattr-27
xauth	1.0.7	x11/session/xauth
xcmiscproto	1.2.2	x11/header/x11-protocols
xcu4		system/xopen/xcu4
xdg-utils	1.0.2	desktop/xdg/xdg-utils
xextproto	7.2.1	x11/header/x11-protocols
xf86dgaproto	2.1	x11/header/x11-protocols
xf86driproto	2.1.1	x11/header/x11-protocols
xf86miscproto	0.9.3	x11/header/x11-protocols
xf86vidmodeproto	2.3.1	x11/header/x11-protocols
XML-Parser	2.36	library/perl-5/xml-parser-512
xorriso	0.6.0	media/xorriso

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xproto	7.0.24	x11/header/x11-protocols
xproxymanagementprotocol	1.0.3	x11/header/x11-protocols
XSD2Schtrn.xsl		library/python-2/lxml-27
xstr		system/core-os
yge	7.3	driver/network/ethernet/yge
zlib	1.2.8	library/zlib
zlib	1.2.3	developer/debug/mdb
zope.interface	3.3.0	library/python-2/python-zope-interface-26
zsh	4.3.12	shell/zsh
zyd	0.1.3.1	driver/network/wlan/zyd

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3.2.17.1 Licensing Information User Manual Oracle ZFS Storage Appliance ZS3-ES Release 2013.1.4.0

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aac	2.2.3	driver/storage/aac
acpica	20120215	system/kernel
AES	39541	system/boot/wanboot
afe	v0.8.0	driver/network/ethernet/afe
apache2	2.2.27	web/server/apache-22
apache-php52	5.2.17	web/server/apache-22/module/apache-php52
apr	1.3.9	library/apr-13
apr-util	1.3.9	library/apr-util-13
apr-util	1.3.9	library/apr-util-13/apr-ldap
apr-util	1.3.9	library/apr-util-13/dbd-mysql
apr-util	1.3.9	library/apr-util-13/dbd-sqlite
arn	1.0	driver/network/wlan/arn
arp		system/network
ath	20040619	driver/network/wlan/ath
atu	1.92	driver/network/wlan/atu
backup		system/core-os
base-developer-utilities		developer/base-developer-utilities
bash	4.1.11	shell/bash
berkeleydb-5		database/berkeleydb-5
bge	1.91.2.32.2.1	driver/network/ethernet/bge
bigreqsproto	1.1.2	x11/header/x11-protocols
bind	9.6-ESV-R10-P2	system/manual
bind	9.6-ESV-R11	network/dns/bind
bind	9.6-ESV-R11	service/network/dns/bind
binutils	2.23.1	developer/gnu-binutils

Technology Name	Technology Version	Packages and Link to License Text
bpf	4.3BSD	system/network/bpf
bzip2	1.0.6	compress/bzip2
bzip2	1.0.6	developer/debug/mdb
checkeq		text/doctools
checknr		text/doctools
CherryPy	3.1.2	library/python-2/cherrypy-26
compositeproto	0.4.2	x11/header/x11-protocols
compress		system/core-os
cron		system/core-os
Csh		system/core-os
curl	7.21.2	web/curl
damageproto	1.2.1	x11/header/x11-protocols
dbus	1.6.18	system/library/dbus
dbus	1.6.18	system/library/libdbus
device-administration		system/device-administration
dmxproto	2.3.1	x11/header/x11-protocols
dri2proto	2.8	x11/header/x11-protocols
DTraceToolkit	0.99	system/dtrace/dtrace-toolkit
EEPROM		system/core-os
elx1	1.109	driver/network/ethernet/elx1
eqn		text/doctools
evieext	1.1.1	x11/header/x11-protocols
fixesproto	5.0	x11/header/x11-protocols
fontproto	2.1.2	x11/header/x11-protocols
freetype	2.4.11	system/library/freetype-2
ftp		network/ftp
gawk	3.1.8	text/gawk
gcc	3.4.3	developer/gcc-3
gcc	3.4.3	system/library/gcc-3-runtime
gcc	4.5.2	developer/gcc-45
gcc	4.5.2	system/library/gcc-45-runtime
gdbm	1.8.3	library/database/gdbm
getopt_long		system/library
gladman		system/kernel
gladman		system/library
glib2	2.28.6	library/glib2
glproto	1.4.16	x11/header/x11-protocols
gnutls	2.8.6	library/gnutls

Technology Name	Technology Version	Packages and Link to License Text
groff	1.19.2	text/groff/groff-core
grub	1.99	system/boot/grub
gzip	1.5	compress/gzip
ibutils	1.5.7	network/open-fabrics
ICU	3.6	system/library/iconv/utf-8
icu	3.6	system/kernel
ifconfig		system/network
ifparse		system/network
infiniband-diags	1.5.8	network/open-fabrics
inputproto	2.3	x11/header/x11-protocols
instant	1.116	text/doctools
intel		system/kernel/platform
IPFilter	4.1.9	network/ipfilter
ipmitool	1.8.12	system/management/ipmitool
ipw	1.30.2.1	driver/network/wlan/ipw
iwh	1.0	driver/network/wlan/iwh
iwi	1.57	driver/network/wlan/iwi
iwk	1.16	driver/network/wlan/iwk
iwp	1.0	driver/network/wlan/iwp
jpeg	v6b	image/library/libjpeg
jss	4.3.2	library/java/jss
kbproto	1.0.6	x11/header/x11-protocols
kcmd		network/legacy-remote-utilities
kerberos	1.13	system/security/kerberos-5
kerberos	1.13	system/kernel/security/gss
kerberos	1.13	service/security/kerberos-5
keyboard-utilities		system/keyboard/keyboard-utilities
lastcomm		system/core-os
ldap command line tools	Sun/Netscape/iPlanet	naming/ldap
less	436	text/less
libbsdmalloc		system/library
libexpat	2.1.0	library/expat
libffi	3.0.9	library/libffi
libgcrypt	1.5.3	system/library/security/libgcrypt
libgpg-error	1.12	library/security/libgpg-error
libhbaapi	2.0	system/library/storage/snia-hbaapi
libibmad	1.3.7	network/open-fabrics
libibumad	1.3.7	network/open-fabrics

Technology Name	Technology Version	Packages and Link to License Text
libibverbs	1.1.4	network/open-fabrics
libICE	1.0.8	x11/library/libice
libidn	1.19	library/libidn
libinetutil		system/library
libkrmf		system/library
libldap4		system/library
libmccrypt	2.5.8	system/library/security/libmccrypt
libmlx4	1.0.1	network/open-fabrics
libmp		system/library
libmpapi	1.0	system/library/storage/snia-mpapi
libpcap	1.5.1	system/library/libpcap
libpng	1.4.11	image/library/libpng
libpthread-stubs	0.3	x11/library/libpthread-stubs
librdmacm	1.0.14.1	network/open-fabrics
libresolv		system/library
librstp	1.1.02	network/bridging
libsasl	2.12	system/library/security/gss
libsasl	2.12	system/library/security/libsas
libsdp	1.1.108	network/open-fabrics
libSM	1.2.2	x11/library/libsm
libtasn1	2.8	library/libtasn1
libtecla	1.6.1	library/libtecla
libtool	2.4.2	library/libtool/libltdl
libuuid	1.0	system/library
libX11	1.6.2	x11/library/libx11
libXau	1.0.8	x11/library/libxau
libxcb	1.9.1	x11/library/libxcb
libXdmcp	1.1.1	x11/library/libxdmcp
libXevie	1.0.3	x11/library/libxevie
libXext	1.3.2	x11/library/libxext
libxml2	2.9.1	library/libxml2
libxml2	2.9.1	library/python-2/libxml2-26
libXpm	3.5.9	x11/library/libxpm
libXScrnSaver	1.2.2	x11/library/libxscrnsaver
libxslt	1.1.28	library/libxslt
libxslt	1.1.28	library/python-2/libxsl-26
libXt	1.1.4	x11/library/toolkit/libxt
linker		system/linker

Technology Name	Technology Version	Packages and Link to License Text
locale		system/install/locale
look		text/spelling-utilities
lua	5.1.4	runtime/lua
LZMA SDK	4.62	system/library
M2Crypto	0.21.1	library/python-2/m2crypto-26
Mako	0.4.1	library/python-2/mako-26
Man command support: SGML (Standard Generalized Markup Language) SDATA (Specific Character Data)		text/doctools
mdb		system/kernel
mdb		system/kernel/platform
mdns	1.0	service/network/dns/mdns
MiniSAT	1.14.1	package/pkg
mpathd		system/network
mt		system/core-os
mw1	1.5	driver/network/wlan/mw1
mxfe	0.8.0	driver/network/ethernet/mxfe
mysql-51	5.1.37	database/mysql-51
mysql-51	5.1.37	database/mysql-51/library
ncurses	5.7	library/ncurses
ndmp	SDK	service/storage/ndmp
net80211	1.43	system/kernel
netcat	1.89	network/netcat
net-snmp	5.4.1	system/management/snmp/net-snmp
net-snmp	5.4.1	system/management/snmp/net-snmp/addons
nfs		system/file-system/nfs
nsgmls	1.3.1	text/doctools
NSPR	4.9.5	library/nspr
NSS	3.14.3	library/security/nss
NSS	3.14.3	security/nss-utilities
NTP	4.2.5p200	service/network/ntp
numpy	1.4.1	library/python-2/python-extra-26
omp_collector_api.h		system/library/openmp
Open Fabrics Infiniband stack	1.3.1	system/io/infiniband/open-fabrics
Open Fabrics Infiniband stack	1.3.1	system/io/infiniband/reliable-datagram-sockets
open-fabrics	1.5.3	network/open-fabrics

Technology Name	Technology Version	Packages and Link to License Text
openldap	2.4.30	library/openldap
opensm	3.3.9	network/open-fabrics
OpenSSH	5.6	network/ssh
OpenSSH	5.6	network/ssh/ssh-key
OpenSSH	5.6	service/network/ssh
openssl	1.0.1h	library/security/openssl
p7zip	4.55	compress/p7zip
pam_pkcs11	0.6.0	system/manual
PAPI	3.5	diagnostic/cpu-counters
patricia		system/kernel
patricia		system/kernel/platform
pcan	5.1	driver/network/wlan/pcan
pcfs		system/file-system/pcfs
pcfs		system/kernel
pcre	8.21	library/pcre
pcwl	5.1	driver/network/wlan/pcwl
perftest	1.3.0	network/open-fabrics
perl-584	5.8.4	runtime/perl-584
perl-584	5.8.4	runtime/perl-584/extra
Perl	5.12.3	runtime/perl-512
Perl	5.8.4	library/perl-5/sun-solaris-512
php-52	5.2.17	web/php-52
php-mysql	5.2.17	web/php-52/extension/php-mysql
ping		network/ping
ply	3.1	library/python-2/ply-26
ply	3.1	library/python-2/ply-27
portgen		system/library
printproto	1.0.5	x11/header/x11-protocols
pybonjour	1.1.1	library/python-2/pybonjour-26
pycurl	7.19.0.1	library/python-2/pycurl
pycurl	7.19.0.1	library/python-2/pycurl-26
pycurl	7.19.0.1	library/python-2/pycurl-27
pylxml	2.3.3	library/python-2/lxml-26
pylxml	2.3.3	library/python-2/lxml-27
pyOpenSSL	0.13	library/python-2/pyopenssl-26
pyOpenSSL	0.13	library/python-2/pyopenssl-27
Pyrex	0.9.9	library/python-2/python-extra-26
Python	2.6.8	runtime/python-26

Technology Name	Technology Version	Packages and Link to License Text
qperf	0.4.6	network/open-fabrics
quagga	0.99.19	system/network/routing/quagga
ral	1.7	driver/network/wlan/ral
randrproto	1.4.0	x11/header/x11-protocols
rcp		network/legacy-remote-utilities
rdisc		system/network/routing
rds-tools	2.0.4	network/open-fabrics
readline	5.2	library/readline
recordproto	1.14.2	x11/header/x11-protocols
refer		text/doctools
renderproto	0.11.1	x11/header/x11-protocols
resourceproto	1.2.0	x11/header/x11-protocols
rlogind		service/network/legacy-remote-utilities
route		system/network
routed.bsd		system/network/routing
rsh		network/legacy-remote-utilities
rts		system/kernel
rtw	1.9	driver/network/wlan/rtw
rum	1.13.2.1	driver/network/wlan/rum
rwd	1.17	driver/network/wlan/rwd
rwn	1.20	driver/network/wlan/rwn
script		system/core-os
scrsaverproto	1.2.2	x11/header/x11-protocols
sendmail	8.14.5	library/libmilter
sfe	2.2.0	driver/network/ethernet/sfe
sg3_utils	1.33	system/storage/sg3_utils
simplejson	2.1.2	library/python-2/simplejson-26
simplejson	2.1.2	library/python-2/simplejson-27
smbfs	1.4.5	system/file-system/smb
soelim		text/doctools
SolBook DTD	2.0	text/doctools
SQLite	2.8.15	system/core-os
sqlite	3.7.14.1	database/sqlite-3
sqlite	3.7.14.1	database/sqlite-3/documentation
sqlite	3.7.14.1	runtime/tcl-8/tcl-sqlite-3
sscanf		system/kernel
sscanf		system/kernel/platform
Storage Management HBA API	1	system/library/storage/t11-sm-hba

Technology Name	Technology Version	Packages and Link to License Text
svr4		package/svr4
tack	1.06	terminal/tack
tarfile	2.4	package/pkg
tbl		text/doctools
tcl	8.5.12	runtime/tcl-8
tcpdump	4.5.1	diagnostic/tcpdump
tcp-wrapper	7.6	system/library
telnet		network/telnet
terminfo		system/data/terminfo
termio		system/kernel
tidy	1.0.0	text/tidy
timers		system/kernel
timers		system/kernel/platform
tip		system/core-os
traceroute	1.3.2	system/network
trousers	0.3.6	library/security/trousers
Twisted	10.1.0	library/python-2/python-twisted-26
uath	1.3	driver/network/wlan/uath
ufs		system/file-system/ufs
ul		text/doctools
Unicode	6.0	system/library/iconv/unicode-core
Unicode	6.0	system/library/iconv/utf-8
units		system/core-os
ural	1.70	driver/network/wlan/ural
urtw	1.23	driver/network/wlan/urtw
usb		system/io/usb
V4L2 API definition header files	V4L2 in Linux 3.14	system/header
vgrind		text/doctools
vi		system/core-os
vi		system/library
videoproto	2.3.2	x11/header/x11-protocols
vim	7.3.600	editor/vim/vim-core
vmstat		system/core-os
wget	1.14	web/wget
which		system/core-os
wireshark	1.10.7	diagnostic/wireshark/tshark
wireshark	1.10.7	diagnostic/wireshark/wireshark-common
wpi	1.38	driver/network/wlan/wpi

Technology Name	Technology Version	Packages and Link to License Text
xcmiscproto	1.2.2	x11/header/x11-protocols
xcu4		system/xopen/xcu4
xdg-utils	1.0.2	desktop/xdg/xdg-utils
xextproto	7.2.1	x11/header/x11-protocols
xf86dgaproto	2.1	x11/header/x11-protocols
xf86driproto	2.1.1	x11/header/x11-protocols
xf86miscproto	0.9.3	x11/header/x11-protocols
xf86vidmodeproto	2.3.1	x11/header/x11-protocols
XML-Parser	2.36	library/perl-5/xml-parser-512
xorriso	0.6.0	media/xorriso
xproto	7.0.24	x11/header/x11-protocols
xproxymanagementprotocol	1.0.3	x11/header/x11-protocols
xstr		system/core-os
yge	7.3	driver/network/ethernet/yge
zlib	1.2.3	library/zlib
zlib	1.2.3	developer/debug/mdb
zope.interface	3.3.0	library/python-2/python-zope-interface-26
zsh	4.3.12	shell/zsh
zyd	0.1.3.1	driver/network/wlan/zyd

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aac	2.2.3	driver/storage/aac
acpica	20120215	system/kernel
AES	39541	system/boot/wanboot
afe	v0.8.0	driver/network/ethernet/afe
apache2	2.2.27	web/server/apache-22
apache-php52	5.2.17	web/server/apache-22/module/apache-php52
apr	1.3.9	library/apr-13
apr-util	1.3.9	library/apr-util-13
apr-util	1.3.9	library/apr-util-13/apr-ldap
apr-util	1.3.9	library/apr-util-13/dbd-mysql
apr-util	1.3.9	library/apr-util-13/dbd-sqlite
arn	1.0	driver/network/wlan/arn
arp		system/network
ath	20040619	driver/network/wlan/ath
atu	1.92	driver/network/wlan/atu
backup		system/core-os
base-developer-utilities		developer/base-developer-utilities
bash	4.1.11	shell/bash
berkeleydb-5		database/berkeleydb-5
bge	1.91.2.32.2.1	driver/network/ethernet/bge
bigreqsproto	1.1.2	x11/header/x11-protocols
bind	9.6-ESV-R10-P2	system/manual
bind	9.6-ESV-R11	network/dns/bind
bind	9.6-ESV-R11	service/network/dns/bind
binutils	2.23.1	developer/gnu-binutils
bpf	4.3BSD	system/network/bpf
bzip2	1.0.6	compress/bzip2
bzip2	1.0.6	developer/debug/mdb
checkeq		text/doctools
checknr		text/doctools
CherryPy	3.1.2	library/python-2/cherrypy-26
compositeproto	0.4.2	x11/header/x11-protocols
compress		system/core-os
cron		system/core-os

Technology Name	Technology Version	Packages and Link to License Text
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curl	7.21.2	web/curl
damageproto	1.2.1	x11/header/x11-protocols
dbus	1.6.18	system/library/dbus
dbus	1.6.18	system/library/libdbus
device-administration		system/device-administration
dmxproto	2.3.1	x11/header/x11-protocols
dri2proto	2.8	x11/header/x11-protocols
DTraceToolkit	0.99	system/dtrace/dtrace-toolkit
eeprom		system/core-os
elx	1.109	driver/network/ethernet/elx
eqn		text/doctools
evieext	1.1.1	x11/header/x11-protocols
fixesproto	5.0	x11/header/x11-protocols
fontspROTO	2.1.2	x11/header/x11-protocols
freetype	2.4.11	system/library/freetype-2
ftp		network/ftp
gawk	3.1.8	text/gawk
gcc	3.4.3	developer/gcc-3
gcc	3.4.3	system/library/gcc-3-runtime
gcc	4.5.2	developer/gcc-45
gcc	4.5.2	system/library/gcc-45-runtime
gdbm	1.8.3	library/database/gdbm
getopt_long		system/library
gladman		system/kernel
gladman		system/library
glib2	2.28.6	library/glib2
glproto	1.4.16	x11/header/x11-protocols
gnutls	2.8.6	library/gnutls
groff	1.19.2	text/groff/groff-core
grub	1.99	system/boot/grub
gzip	1.5	compress/gzip
ibutils	1.5.7	network/open-fabrics
ICU	3.6	system/library/iconv/utf-8
icu	3.6	system/kernel
ifconfig		system/network
ifparse		system/network
infiniband-diags	1.5.8	network/open-fabrics

Technology Name	Technology Version	Packages and Link to License Text
inputproto	2.3	x11/header/x11-protocols
instant	1.116	text/doctools
intel		system/kernel/platform
IPFilter	4.1.9	network/ipfilter
ipmitool	1.8.12	system/management/ipmitool
ipw	1.30.2.1	driver/network/wlan/ipw
iwh	1.0	driver/network/wlan/iwh
iwi	1.57	driver/network/wlan/iwi
iwk	1.16	driver/network/wlan/iwk
iwp	1.0	driver/network/wlan/iwp
jpeg	v6b	image/library/libjpeg
jss	4.3.2	library/java/jss
kbproto	1.0.6	x11/header/x11-protocols
kcmd		network/legacy-remote-utilities
kerberos	1.13	system/security/kerberos-5
kerberos	1.13	system/kernel/security/gss
kerberos	1.13	service/security/kerberos-5
keyboard-utilities		system/keyboard/keyboard-utilities
lastcomm		system/core-os
ldap command line tools	Sun/Netscape/iPlanet	naming/ldap
less	436	text/less
libbsdmalloc		system/library
libexpat	2.1.0	library/expat
libffi	3.0.9	library/libffi
libgcrypt	1.5.3	system/library/security/libgcrypt
libgpg-error	1.12	library/security/libgpg-error
libhbaapi	2.0	system/library/storage/snia-hbaapi
libibmad	1.3.7	network/open-fabrics
libibumad	1.3.7	network/open-fabrics
libibverbs	1.1.4	network/open-fabrics
libICE	1.0.8	x11/library/libice
libidn	1.19	library/libidn
libinetutil		system/library
libkmf		system/library
libldap4		system/library
libmcrypt	2.5.8	system/library/security/libmcrypt
libmlx4	1.0.1	network/open-fabrics
libmp		system/library

Technology Name	Technology Version	Packages and Link to License Text
libmpapi	1.0	system/library/storage/snia-mpapi
libpcap	1.5.1	system/library/libpcap
libpng	1.4.11	image/library/libpng
libpthread-stubs	0.3	x11/library/libpthread-stubs
librdmacm	1.0.14.1	network/open-fabrics
libresolv		system/library
librstp	1.1.02	network/bridging
libsasl	2.12	system/library/security/gss
libsasl	2.12	system/library/security/libsas
libsdp	1.1.108	network/open-fabrics
libSM	1.2.2	x11/library/libsm
libtasn1	2.8	library/libtasn1
libtecla	1.6.1	library/libtecla
libtool	2.4.2	library/libtool/libltdl
libuuid	1.0	system/library
libX11	1.6.2	x11/library/libx11
libXau	1.0.8	x11/library/libxau
libxcb	1.9.1	x11/library/libxcb
libXdmcp	1.1.1	x11/library/libxdmcp
libXevie	1.0.3	x11/library/libxevie
libXext	1.3.2	x11/library/libxext
libxml2	2.9.1	library/libxml2
libxml2	2.9.1	library/python-2/libxml2-26
libXpm	3.5.9	x11/library/libxpm
libXScrnSaver	1.2.2	x11/library/libxscrnsaver
libxslt	1.1.28	library/libxslt
libxslt	1.1.28	library/python-2/libxsl-26
libXt	1.1.4	x11/library/toolkit/libxt
linker		system/linker
locale		system/install/locale
look		text/spelling-utilities
lua	5.1.4	runtime/lua
LZMA SDK	4.62	system/library
M2Crypto	0.21.1	library/python-2/m2crypto-26
Mako	0.4.1	library/python-2/mako-26
Man command support: SGML (Standard Generalized Markup Language) SDATA (Specific Character Data)		text/doctools

Technology Name	Technology Version	Packages and Link to License Text
mdb		system/kernel
mdb		system/kernel/platform
mdns	1.0	service/network/dns/mdns
MiniSAT	1.14.1	package/pkg
mpathd		system/network
mt		system/core-os
mw1	1.5	driver/network/wlan/mw1
mxfe	0.8.0	driver/network/ethernet/mxfe
mysql-51	5.1.37	database/mysql-51
mysql-51	5.1.37	database/mysql-51/library
ncurses	5.7	library/ncurses
ndmp	SDK	service/storage/ndmp
net80211	1.43	system/kernel
netcat	1.89	network/netcat
net-snmp	5.4.1	system/management/snmp/net-snmp
net-snmp	5.4.1	system/management/snmp/net-snmp/addons
nfs		system/file-system/nfs
nsgmls	1.3.1	text/doctools
NSPR	4.9.5	library/nspr
NSS	3.14.3	library/security/nss
NSS	3.14.3	security/nss-utilities
NTP	4.2.5p200	service/network/ntp
numpy	1.4.1	library/python-2/python-extra-26
omp_collector_api.h		system/library/openmp
Open Fabrics Infiniband stack	1.3.1	system/io/infiniband/open-fabrics
Open Fabrics Infiniband stack	1.3.1	system/io/infiniband/reliable-datagram-sockets
open-fabrics	1.5.3	network/open-fabrics
openldap	2.4.30	library/openldap
opensm	3.3.9	network/open-fabrics
OpenSSH	5.6	network/ssh
OpenSSH	5.6	network/ssh/ssh-key
OpenSSH	5.6	service/network/ssh
openssl	1.0.1h	library/security/openssl
p7zip	4.55	compress/p7zip
pam_pkcs11	0.6.0	system/manual
PAPI	3.5	diagnostic/cpu-counters

Technology Name	Technology Version	Packages and Link to License Text
patricia		system/kernel
patricia		system/kernel/platform
pcan	5.1	driver/network/wlan/pcan
pcfs		system/file-system/pcfs
pcfs		system/kernel
pcrc	8.21	library/pcrc
pcwl	5.1	driver/network/wlan/pcwl
perftest	1.3.0	network/open-fabrics
perl-584	5.8.4	runtime/perl-584
perl-584	5.8.4	runtime/perl-584/extra
Perl	5.12.3	runtime/perl-512
Perl	5.8.4	library/perl-5/sun-solaris-512
php-52	5.2.17	web/php-52
php-mysql	5.2.17	web/php-52/extension/php-mysql
ping		network/ping
ply	3.1	library/python-2/ply-26
ply	3.1	library/python-2/ply-27
portgen		system/library
printproto	1.0.5	x11/header/x11-protocols
pybonjour	1.1.1	library/python-2/pybonjour-26
pycurl	7.19.0.1	library/python-2/pycurl
pycurl	7.19.0.1	library/python-2/pycurl-26
pycurl	7.19.0.1	library/python-2/pycurl-27
pylxml	2.3.3	library/python-2/lxml-26
pylxml	2.3.3	library/python-2/lxml-27
pyOpenSSL	0.13	library/python-2/pyopenssl-26
pyOpenSSL	0.13	library/python-2/pyopenssl-27
Pyrex	0.9.9	library/python-2/python-extra-26
Python	2.6.8	runtime/python-26
qperf	0.4.6	network/open-fabrics
quagga	0.99.19	system/network/routing/quagga
ral	1.7	driver/network/wlan/ral
randproto	1.4.0	x11/header/x11-protocols
rcp		network/legacy-remote-utilities
rdisc		system/network/routing
rds-tools	2.0.4	network/open-fabrics
readline	5.2	library/readline
recordproto	1.14.2	x11/header/x11-protocols

Technology Name	Technology Version	Packages and Link to License Text
refer		text/doctools
renderproto	0.11.1	x11/header/x11-protocols
resourceproto	1.2.0	x11/header/x11-protocols
rlogind		service/network/legacy-remote-utilities
route		system/network
routed.bsd		system/network/routing
rsh		network/legacy-remote-utilities
rts		system/kernel
rtw	1.9	driver/network/wlan/rtw
rum	1.13.2.1	driver/network/wlan/rum
rwd	1.17	driver/network/wlan/rwd
rwn	1.20	driver/network/wlan/rwn
script		system/core-os
scrnsaverproto	1.2.2	x11/header/x11-protocols
sendmail	8.14.5	library/libmilter
sfe	2.2.0	driver/network/ethernet/sfe
sg3_utils	1.33	system/storage/sg3_utils
simplejson	2.1.2	library/python-2/simplejson-26
simplejson	2.1.2	library/python-2/simplejson-27
smbfs	1.4.5	system/file-system/smb
soelim		text/doctools
SolBook DTD	2.0	text/doctools
SQLite	2.8.15	system/core-os
sqlite	3.7.14.1	database/sqlite-3
sqlite	3.7.14.1	database/sqlite-3/documentation
sqlite	3.7.14.1	runtime/tcl-8/tcl-sqlite-3
sscanf		system/kernel
sscanf		system/kernel/platform
Storage Management HBA API	1	system/library/storage/t11-sm-hba
svr4		package/svr4
tack	1.06	terminal/tack
tarfile	2.4	package/pkg
tbl		text/doctools
tcl	8.5.12	runtime/tcl-8
tcpdump	4.5.1	diagnostic/tcpdump
tcp-wrapper	7.6	system/library
telnet		network/telnet
terminfo		system/data/terminfo

Technology Name	Technology Version	Packages and Link to License Text
termio		system/kernel
tidy	1.0.0	text/tidy
timers		system/kernel
timers		system/kernel/platform
tip		system/core-os
traceroute	1.3.2	system/network
trousers	0.3.6	library/security/trousers
Twisted	10.1.0	library/python-2/python-twisted-26
uath	1.3	driver/network/wlan/uath
ufs		system/file-system/ufs
ul		text/doctools
Unicode	6.0	system/library/iconv/unicode-core
Unicode	6.0	system/library/iconv/utf-8
units		system/core-os
ural	1.70	driver/network/wlan/ural
urtw	1.23	driver/network/wlan/urtw
usb		system/io/usb
V4L2 API definition header files	V4L2 in Linux 3.14	system/header
vgrind		text/doctools
vi		system/core-os
vi		system/library
videoproto	2.3.2	x11/header/x11-protocols
vim	7.3.600	editor/vim/vim-core
vmstat		system/core-os
wget	1.14	web/wget
which		system/core-os
wireshark	1.10.7	diagnostic/wireshark/tshark
wireshark	1.10.7	diagnostic/wireshark/wireshark-common
wpi	1.38	driver/network/wlan/wpi
xcmiscproto	1.2.2	x11/header/x11-protocols
xcu4		system/xopen/xcu4
xdg-utils	1.0.2	desktop/xdg/xdg-utils
xextproto	7.2.1	x11/header/x11-protocols
xf86dgaproto	2.1	x11/header/x11-protocols
xf86driproto	2.1.1	x11/header/x11-protocols
xf86miscproto	0.9.3	x11/header/x11-protocols
xf86vidmodeproto	2.3.1	x11/header/x11-protocols
XML-Parser	2.36	library/perl-5/xml-parser-512

Technology Name	Technology Version	Packages and Link to License Text
xorriso	0.6.0	media/xorriso
xproto	7.0.24	x11/header/x11-protocols
xproxymanagementprotocol	1.0.3	x11/header/x11-protocols
xstr		system/core-os
yge	7.3	driver/network/ethernet/yge
zlib	1.2.3	library/zlib
zlib	1.2.3	developer/debug/mdb
zope.interface	3.3.0	library/python-2/python-zope-interface-26
zsh	4.3.12	shell/zsh
zyd	0.1.3.1	driver/network/wlan/zyd

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