

# Freeware Available in Oracle® Solaris 11.4

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# Oracle Solaris 11.4 Bundled Software Updates

The Oracle Solaris 11.4 operating system (OS) delivers over 1000 Free and Open Source Software (FOSS), or freeware, packages.

The following tables show the versions of some of the commonly used freeware that is bundled with the initial Oracle Solaris 11.4 release and subsequent Support Repository Updates (SRUs).

For SRU release announcements, see [Oracle Solaris blog](#) and Readme files in *Oracle Solaris 11.4 Support Repository Updates (SRU) Index (Doc ID 2433412.1)* on <https://support.oracle.com/>.

For licensing information, see [Licensing Information User Manual Oracle Solaris 11.4](#).

For a list of freeware for which Oracle will provide Premier Support, see [“Freeware Supported on Oracle Solaris 11.4” on page 4](#).

To obtain the FOSS source bundle, see [Source Code for Open Source Software Components: Oracle Solaris](#).

**TABLE 1** Oracle Solaris 11.4 Compilers and Interpreters Freeware Versions

Software	Version in Latest SRU	Version Update History
Cython	0.29.14	<b>SRU 19:</b> Adds 0.29.14, removes 0.28.2
gcc	7.3, 9.3, 10.2	<b>SRU 14:</b> Adds 9.2, removes 9.1 <b>SRU 24:</b> Adds 9.3, removes 9.2 <b>SRU 27:</b> Adds 10.2, removes 5.5
Java	8	–
LLVM/Clang	11.0	<b>SRU 24:</b> Adds 10.0, removes 6.0 <b>SRU 30:</b> Adds 11.0, removes 10.0
PHP	7.3, 7.4	<b>SRU 9:</b> Removes 5.6 <b>SRU 10:</b> Adds 7.3 <b>SRU 21:</b> Adds 7.4 <b>SRU 27:</b> Removes 7.1
Perl	5.26, 5.32	<b>SRU 30:</b> Adds 5.32
Python	2.7, 3.7, 3.9	<b>SRU 12:</b> Adds 3.7 <b>SRU 27:</b> Removes 3.4 <b>SRU 30:</b> Adds 3.9, removes 3.5
Ruby	2.5, 2.6	<b>SRU 5:</b> Adds 2.5 <b>SRU 9:</b> Adds 2.6 <b>SRU 14:</b> Removes 2.1, 2.3
TCL/TK	8.6	–

**TABLE 2** Oracle Solaris 11.4 Developer and DevOps Tools Freeware Versions

Software	Version in Latest SRU	Version Update History
Cmake	3.15	<b>SRU 15:</b> Adds 3.15, removes 3.9
GDB	10.1	<b>SRU 15:</b> Adds 8.3, removes 8.0 <b>SRU 24:</b> Adds 9.2, removes 8.3 <b>SRU 30:</b> Adds 10.1, removes 9.2

Software	Version in Latest SRU	Version Update History
Git	2.19	<b>SRU 6:</b> Adds 2.19, removes 2.15
Mercurial	5.1	<b>SRU 14:</b> Adds 4.9, remove 4.1 <b>SRU 21:</b> Adds 5.1, removes 4.9
MySQL	5.6, 5.7	<b>SRU 21:</b> Removes 5.5
Oracle Instant Client	12.2, 18.3	<b>SRU 3:</b> Adds 18.3
Puppet	5.5	–

**TABLE 3** Oracle Solaris 11.4 Network Services and Clients Freeware Versions

Software	Version in Latest SRU	Version Update History
Apache HTTPD	2.4	–
firewall	OpenBSD 5.5 Packet Filter (PF)	–
ISC BIND	9.11	<b>SRU 8:</b> Adds 9.11, removes 9.10
Kerberos	1.16	–
LDAP	OpenLDAP 2.4	–
Open Fabric Enterprise Distribution	3.18	–
Postfix	3.2	–
Samba	4.13	<b>SRU 6:</b> Adds 4.9, removes 4.7 <b>SRU 21:</b> Adds 4.11, removes 4.9 <b>SRU 30:</b> Adds 4.13, removes 4.11
SSH	OpenSSH 8.2	<b>SRU 6:</b> Adds OpenSSH 7.7, removes OpenSSH 7.5 <b>SRU 20:</b> Adds OpenSSH 8.1, removes OpenSSH 7.7 <b>SRU 30:</b> Adds 8.2, removes 8.1
Tomcat	8.5	–
Wireshark	3.4	<b>SRU 21:</b> Adds 3.2, removes 2.6 <b>SRU 30:</b> Adds 3.4, removes 3.2

**TABLE 4** Oracle Solaris 11.4 User Environment Freeware Versions

Software	Version in Latest SRU	Version Update History
bash	5.0	<b>SRU 12:</b> Adds 5.0, removes 4.4
vim	8.2	<b>SRU 12:</b> Adds 8.1.1561, removes 8.0.711 <b>SRU 24:</b> Adds 8.2, removes 8.1.1561
zsh	5.8	<b>SRU 4:</b> Adds 5.6, removes 5.3 <b>SRU 24:</b> Adds 5.8, removes 5.6
Firefox	78 ESR	<b>SRU 10:</b> Adds 60.7, removes 52.9 <b>SRU 15:</b> Adds 68.0, removes 60.7 <b>SRU 18:</b> Adds 68.4, removes 68.0 <b>SRU 21:</b> Adds 68.6, removes 68.4 <b>SRU 22:</b> Adds 68.8, removes 68.6 <b>SRU 23:</b> Adds 68.9, removes 68.8 <b>SRU 24:</b> Adds 68.10, removes 68.9 <b>SRU 25:</b> Adds 68.11, removes 68.10 <b>SRU 26:</b> Adds 68.12, removes 68.11

Software	Version in Latest SRU	Version Update History
		SRU 27: Adds 78 ESR, removes 68
GNOME	3.34	SRU 27: Adds 3.34, removes 3.24
Thunderbird	78 ESR	SRU 10: Adds 60.7, removes 52.8 SRU 15: Adds 68.0, removes 60.7 SRU 18: Adds 68.4, removes 68.0 SRU 21: Adds 68.6, removes 68.4 SRU 22: Adds 68.8, removes 68.6 SRU 23: Adds 68.9, removes 68.8 SRU 24: Adds 68.10, removes 68.9 SRU 25: Adds 68.11, removes 68.10 SRU 26: Adds 68.12, removes 68.11 SRU 27: Adds 78 ESR, removes 68
Xorg	1.20	SRU 10: Adds 1.20, removes 1.19

## Freeware Supported on Oracle Solaris 11.4

The following is a list of freeware for which Oracle will provide Support Services in accordance with Oracle's Premier Support for Oracle Solaris 11. For information about freeware in Oracle Solaris and customer access to support information, see [Free and Open Source Software \(FOSS\) Support in Oracle Solaris \(Doc ID 1400676.1\)](#).

Apache httpd	ntp-dev
bash	OpenLDAP
bind	OpenBSD Packet Filter (PF) firewall
coreutils	OpenSSH
cups	openssl
GRUB	openssl-fips
ISC DHCP	ProFTPD
Kerberos	quagga
ksh93	sendmail
net-snmp	vim

For versions of the most popular freeware included, see [“Oracle Solaris 11.4 Bundled Software Updates” on page 2](#). To verify the version, in a terminal run the version command for that software component, or for GUI software, use the About menu item. For a complete list of available third-party components and their versions, see [“Third-Party Notices and/or Licenses for Oracle Solaris 11.4” in Licensing Information User Manual Oracle Solaris 11.4](#).

Freeware Available in Oracle Solaris 11.4

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