

Synopsys Common Licensing Release Notes Version 11.3

December 5, 2011

These release notes present the latest information about Synopsys Common Licensing version 11.3 in the following sections:

- [Installation Information](#)
- [New Features, Changes, and Enhancements](#)
- [Known Issues in FLEXNet Version 11.9.1.1 and Previous Versions](#)
- [Resolved STARS](#)

Installation Information

The 11.3 release of Synopsys Common Licensing (SCL) is a standalone release and must be installed in an empty directory, using the latest version of the Synopsys Installer. Do not install this release over an existing release of a Synopsys tool. SCL version 11.3 includes all the bug fixes in SCL version 11.2 and earlier releases.

You should use the Synopsys Installer to install the SCL software. For SCL configuration and startup instructions, see *Starting the SCL Server on UNIX and Windows Systems* in the *Synopsys Common Licensing Administration Guide*, which is available at

<http://www.synopsys.com/install>

To download SCL via Electronic Software Transfer, download the `scl_v11.3_common.tar` file and the platform-specific tar file that you need. For example, for the AMD64 platform, you should download the `scl_v11.3_linux.tar` file or the `scl_v11.3_amd64.tar` file.

The Synopsys Installer defaults to the following root directory: `/usr/synopsys/SCL_11.3`. Under this root directory are additional directories, such as `/usr/synopsys/SCL_11.3/amd64/bin/snpslmd`

For the Windows platform, the default install directory is `C:\synopsys\SCL_11.3`. After installation, the path to the executable looks like this:
`C:\synopsys\SCL_11.3\windows\bin\snpslmd.exe`.

Synopsys also provides various dongle drivers for Windows and Linux that are required a dongle can be used as a license server on Windows.

Drivers for the Windows platforms are included in this directory:
`C:\synopsys\SCL_11.3\windows\drivers`.

Drivers for the Linux platforms are included in this directory:
`/usr/synopsys/SCL_11.3/linux_platform/drivers`.

New Features, Changes, and Enhancements

Synopsys Common Licensing version 11.3 provides new features, changes, and enhancements as described in the following sections:

- [Synopsys Common Licensing Version 11.3 Change List](#)
- [Combined Vendor Daemons](#)
- [Combined Vendor Daemon Operating System Support](#)

- [Issues Resolved in FLEXNet Version 11.9.1.1 and Previous Versions](#)

Synopsys Common Licensing Version 11.3 Change List

Synopsys Common Licensing version 11.3 is based on FLEXNet version 11.9.1.1, the standard licensing software provided by Flexera Software.

This section covers the following issues resolved in this release:

- [Support for Virage Logic ARC Products License Daemons](#)
- [Support for the ladmin Utility](#)
- [New Synopsys Statistical Debug Manager \(SSDM\) Tool](#)

Support for Virage Logic ARC Products License Daemons

The legacy license daemons for Virage Logic ARC products, arcd and mwflexd, have been incorporated into SCL version 11.3. These legacy license daemons can now be used within sclsh in version 11.3.

For example,

```
% sclsh> arcd init
% sclsh> arcd co <Feature_name>
```

or

```
% sclsh> mwflexd init
% sclsh> mwflexd co<Feature_name>
```

For help on sclsh, type `help` at the sclsh prompt to see all the commands supported by sclsh:

```
% sclsh
> help
```

For more help on a specific command, use the following option:

```
% sclsh
> <command_name> -help
```

Support for the Imadmin Utility

The Imadmin utility is a Web-based license server manager provided by Flexera Software, similar to Imgrd, and can be used to start and maintain vendor daemons as required for serving Synopsys licenses. It provides improved methods of managing the license server and vendor daemons. You can use either the Imgrd or Imadmin utility to start and manage the license server.

See the *FLEXNet License Administration Guide* and the *Imadmin_migration_faq* from the Flexera Software for additional information about the Imadmin utility.

New Synopsys Statistical Debug Manager (SSDM) Tool

Synopsys Statistical Debug Manager (SSDM) is a new tool to gather complete information about your license server. It will eventually replace the sysmon utility script. Synopsys Statistical Debug Manager (SSDM) captures real-time performance data and other system statistics from the license server system which can then be used to identify and resolve license server related issues. It can also be used to monitor system activities for resource planning and for proactively taking action to prevent system failures.

The Synopsys Statistical Debug Manager (SSDM) tool can be started and stopped with a command line admin tool found in the <scl_root>/<platform>/bin directory. Synopsys Statistical Debug Manger (SSDM) is currently available for the linux and amd64 platforms.

See the *Synopsys Common Licensing Administration Guide* for additional information about the Synopsys Statistical Debug Manager (SSDM) tool.

Combined Vendor Daemons

[Table 1](#) shows the complete list of legacy vendor daemons incorporated into SCL version 11.3. Before starting SCL, these daemon processes must be shut down.

Table 1 Legacy Daemons Incorporated Into SCL Version 11.3

Acquired Company	Daemons
Analog Design Automation	adalmd
Avant! Corporation	anagram, avantd, chrysalisd, hscd, metasoftd, saber_dmn, tmald
Innologic Systems, Inc.	innologd
Integrated Systems Engineering	ISE-TCADD

Table 1 Legacy Daemons Incorporated Into SCL Version 11.3 (Continued)

Acquired Company	Daemons
Legacy and other daemons	EPIC, everest, la_damon, leda, ssilmd, synopsysd, vcsd
Nassda Corporation	nassd
Numerical Technologies	numeritchd, TE_CATS, CADABRA
Placeholder for future OEM partners	snpsOEM2, snpsOEM3
SIGMA-C	sigmacd
Zenpire Corporation	snpsOEM1
Sandwork Design	sandwork
CHIPit	pdlld
Synplicity	synplctyd
CoWare, Inc.	cowared
Synfora	synforad
VaST Systems Technology Corporation	vastlmd
Virage Logic ¹	arcd, mwflexd

1. These daemon were added in the 11.3 release. They are supported in version 11.3 only.

Combined Vendor Daemon Operating System Support

Table 2 shows the list of OS platforms and license daemon support in SCL version 11.3.

Table 2 Supported Platforms, Operating Systems, and License Daemons in SCL Version 11.3

OS and computer platform (Synopsys platform keyword)	License daemon support							
	sandwork	pdlld	synplctyd	vastlmd	cowared	synforad	arcd/mwflexd	All other Synopsys license daemons ¹
Sun SPARC Solaris — 32-bit (sparcOS5)	yes	yes	yes	yes	yes	yes	yes	yes
Sun SPARC Solaris — 64-bit (sparc64)	yes	yes	no	no	no	no	no	yes
Red Hat Enterprise Linux x86 — 32-bit (linux)	yes	yes	yes	yes	yes	yes	yes	yes
Red Hat Enterprise Linux x86 — 64-bit (amd64)	yes	yes	yes	yes	yes	yes	no	yes
SUSE Linux Enterprise Server — 32-bit (suse32)	yes	yes	yes	yes	yes	yes	yes	yes
SUSE Linux Enterprise Server — 64-bit (suse64)	yes	yes	yes	no	no	no	no	yes

*Table 2 Supported Platforms, Operating Systems, and License Daemons in SCL Version 11.3
(Continued)*

OS and computer platform (Synopsys platform keyword)	License daemon support							
	sandwork	pdlld	synplctyd	vastlmd	cowared	synforad	arcd/ mwflexd	All other Synopsys license daemons ¹
Solaris x86 — 32-bit (x86sol32)	no	no	no	no	no	no	no	yes
Solaris x86 — 64-bit (x86sol64)	yes	no	no	no	no	no	no	yes
Microsoft Windows XP Professional — SP2, Windows Vista — SP1, Windows 7 — 32-bit (windows)	yes	yes	yes	yes	yes	yes	yes	yes
IBM RS6000 AIX — 32-bit (rs6000)	no	no	no	no	no	no	no	yes
IBM RS6000 AIX — 64-bit (aix64)	no	no	no	no	no	no	no	yes

1. All other Synopsys license daemons (excluding sandwork, pdlld, synplctyd, vastlmd, cowared, synforad, arcd, and mwflexd): adalmd, anagram, avantd, chrysalisd, hscd, metasoftd, saber_dmn, tmald, innologd, ISE-TCADD, EPIC, everest, la_damon, leda, ssilmd, synopsysd, vcscd, nassd, numeritchd, TE_CATS, CADABRA, snpsOEM1, snpsOEM2, snpsOEM3 and sigmacd.

Important:

- If you are using a Linux platform and have a dongle, install the 32-bit daemon. You can run the 32-bit daemon on a 64-bit OS.

- The Sentinel SuperPro dongle is not supported on Windows platforms for server-based licenses. It is supported only for uncounted (server-less) licenses on Windows.

Issues Resolved in FLEXNet Version 11.9.1.1 and Previous Versions

The following issues are resolved in FLEXnet version 11.9.1.1 and previous releases:

- **IOC-00008540: Imstat Issues With License Server Connections Over WAN**

Due to communication issues between the client and the license server, the Imstat tool could not obtain license usage information from a license server on a wide-area network (WAN) and would report the following error message:

```
Error getting status: Cannot connect to license server system.  
(-15,570:150 Operaton now in progress)
```

The communication issues have been resolved. The Imstat tool can now obtain license usage information.

The following Imadmin issues are resolved in FLEXnet version 11.9.1.1 and previous releases:

- **IOA-000057829: Communication between Imadmin and Imstat Accomodates Large License Files**

The Imstat tool was not showing licenses installed or consumption information when the size of the data files exceeded the MAX size (32KB). The issues with sending large license file data files from Imadmin to Imstat have been resolved.

- **IOC-000082241, IAO-000044783: Checkout Works When the SERVER Line Contains an IP Address**

Prior to version 11.9.1, if the Imadmin tool was started with a license file in which the SERVER line contains an IP address specification for the server hostid field, then a license client could not checkout licenses. The Imadmin tool now works as expected in this scenario.

- **IOA-000045381: Imadmin Using -allowStopServer and -allowRemoteStopServer**

When -allowStopServer is set to no, -allowRemoteStopServer is now correctly forced to no as well, even when it had been set to yes.

Known Issues in FLEXNet Version 11.9.1.1 and Previous Versions

The following are known issues in FLEXnet version 11.9.1.1 and other recent FLEXnet releases. Note that except for Wibu (FLEXID10) and Aladdin (FLEXID9), dongles are not supported by Windows 7.

- **IOB-00056618: Removing FLEXNet ID Dongle Driver on Windows 64-bit**

When removing the FLEXNet ID dongle driver on a Windows 64-bit machine where only this driver is installed, the following erroneous message is displayed:

```
There is no flexid dongle driver detected on this machine.
```

Checking the box to remove the FLEXID9 drivers removed this message.

- **IOB-000056600: Spurious Error Message When Uninstalling FLEXNet ID Dongle Driver**

When uninstalling a FLEXID9 driver and choosing not to reboot immediately, the following message is displayed even when the FLEXID8 driver is not installed:

```
FLEXID8 driver installation requires an immediate system reboot. You risk serious damage to the system if you do not reboot now.
```

This message is incorrect and can safely be ignored.

- **IOA-000048229: Imadmin Dashboard Displays Wrong License Usage When Licenses in Queue**

The Imadmin dashboard does not include the currently queued licenses and displays their count as available in the dashboard. Use Imstat to obtain an accurate count of both checked out and queued licenses.

The following are known Imadmin issues in FLEXnet version 11.9.1.1:

- **IOA-000045632: FLEXID9 Dongle Not Reported by Imadmin on 64-bit Windows**

The 32-bit Windows version of the Imadmin tool can be run on a 64-bit machine. However, when a FLEXID9 dongle is correctly installed, the FLEXID is not reported on the System Information page of the license server management interface.

- **IOC-000075427: Imadmin Not Reporting Checkout Details Correctly**

When a feature is checked out by the same user but from different displays, the Hosts display for this feature is incorrect. All check outs are reported from one of the display names.

Resolved STARs

The Synopsys Technical Action Requests (STARs) listed in the following table are resolved in Synopsys Common Licensing version 11.3.

Table 3 Resolved Synopsys Common Licensing STARs

STAR ID	Title
9000481307	Support for Virage Logic products legacy license daemons is added to SCL 11.3
9000438143	sssverify prints a message to let a user know if the license file requires a new version of SCL
