

PrimeYield CMP Installation Notes

Version C-2009.06

June 8, 2009

These installation notes present information about installing PrimeYield CMP version C-2009.06 in the following sections:

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Note:

The installation instructions in this chapter are the most up-to-date available at the time of production. However, changes might have occurred. For the latest installation information, see the product release notes or documentation.

See also <http://www.synopsys.com/Support/Licensing/Installation/Pages/default.aspx> for additional installation and licensing information.

Media Availability and Supported Platforms

PrimeYield CMP is available on CD or by EST. You must have IC Validator and PrimeYield CMP licenses to obtain the appropriate binary executable files based on the operating system you need.

The remainder of this document provides you with information on how to set up your IC Validator environment for use with PrimeYield CMP.

Table 1 shows the supported compute platforms, operating systems, Synopsys platform keywords, and windowing environments for this release. The IC Validator software is configured so that multiple platforms of this version can be installed in a single installation directory (install_dir).

Table 1 Supported Platforms, Operating Systems, and Keywords

| Compute Platform | Operating System | Synopsys Platform Keyword | Windowing Environment |
|------------------|---|---|-----------------------|
| x86_64 | Red Hat Enterprise Linux v4, 5 ¹ | amd64 (64-bit mode) linux (32-bit mode) ² | GNOME |
| x86 | Red Hat Enterprise Linux v4, 5 ¹ | linux (32-bit mode) ² | GNOME |

1. Binary-compatible hardware platform or operating system. Note, however, that binary compatibility is not guaranteed. See <http://www.synopsys.com/Support/Licensing/Pages/default.aspx> for latest information.

2. The 32-bit (x86) and 64-bit (x86_64) Linux software is binary compatible with the Intel EM64T or AMD Opteron running Red Hat Enterprise Linux. See <http://www.synopsys.com/Support/Licensing/Pages/default.aspx> for latest information.

Disk Space and Memory Requirements

Make sure you have enough disk space for IC Validator-VUE installation. The disk space requirement depends on the platform. Table 2 shows the maximum space required for installing each product on a particular platform.

Table 2 Disk Space Requirements (in Megabytes)

| Operating System | Megabytes |
|--------------------------------------|-----------|
| Platform-independent files (Base MB) | 110 |
| Red Hat Linux 32-bit | 220 |
| Red Hat Enterprise Linux 64-bit | 220 |

Table 2 Disk Space Requirements (in Megabytes) (Continued)

| Operating System | Megabytes |
|-------------------|-----------|
| AMD 64-bit | 240 |
| AIX 5.3 RS 64-bit | 270 |

Installing the Software

IC Validator uses the Synopsys Installer tool, which allows you to use a text script or a graphical user interface (GUI). For information about downloading the Synopsys Installer, see *Installing Synopsys Tools* at

<http://www.synopsys.com/Support/Licensing/Installation/Pages/default.aspx>.

To install IC Validator, follow the procedures described in *Installing Synopsys Tools*. This document provides a Synopsys media installation script. IC Validator is installed in a similar manner.

IC Validator is a stand-alone product and cannot be installed over an existing Synopsys product, including a prior versions of IC Validator. You must create a new directory for IC Validator.

Setting Up the User Environment

To set up the user environment, you must modify the `icv_setup.csh` and `icv_setup.sh` files and set the license environment variable.

Specifying the Executable File Location

Set the `$ICV_HOME_DIR` environment variable by replacing the `<TOP-LEVEL-INSTALL-DIR>` text in the `icv_setup.csh` and `icv_setup.sh` files with the path of the IC Validator installation directory.

- If you are using the C shell, modify the following line:

```
setenv ICV_HOME_DIR <TOP-LEVEL-INSTALL-DIR>
```

For example,

```
setenv ICV_HOME_DIR /usr/synopsys/icv/version
```

- If you are using the Bourne shell, modify the following line:

```
ICV_HOME_DIR=<TOP-LEVEL-INSTALL-DIR>
```

For example,

```
ICV_HOME_DIR=/usr/synopsys/icv/version
```

Setting the SNPSLMD_LICENSE_FILE Environment Variable

You must install the Synopsys Common Licensing (SCL) software and define the `SNPSLMD_LICENSE_FILE` variable before you can verify the IC Validator installation.

For information about downloading SCL, installing SCL, or setting the license variable, see *Installing Synopsys Tools* at <http://www.synopsys.com/Support/Licensing/Installation/Pages/default.aspx>.

Verifying the IC Validator Installation

To verify the IC Validator installation,

1. Make sure you are in a directory where you have read/write privileges.

```
% cd $HOME
```

2. Invoke the tool by entering

```
% icv -V
```

If you see information about the product version, production date, and copyright, the installation was successful.

Viewing the IC Validator Documentation

The IC Validator documentation is in `ICV_HOME_DIR/doc/icv`. The pdf directory contains PDF files of all IC Validator user guides and the reference manual.

The documentation is available

- through the VUE Help menu.
- from the Synopsys SolvNet web site Documentation page.

The release notes are available on SolvNet in the Download Center.