

# SpiceCheck Installation Guide

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# Installing SpiceCheck

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This document describes how to install the SpiceCheck product.

**Note:**

The installation instructions in this document 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.

This document provides instructions for both UNIX and Linux platforms. The document includes the following sections:

- [Preparing for Installation](#)
- [Installing SpiceCheck](#)
- [Viewing and Printing SpiceCheck Documentation in Portable Document Format](#)
- [Uninstalling SpiceCheck](#)
- [Customer Support](#)

**Important:**

Do not install later versions of the SpiceCheck tools over earlier versions of the tools.

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## Preparing for Installation

Before beginning the installation process, read the *SpiceCheck Release Notes*. The release notes are in Portable Document Format (PDF) and are located in the electronic software transfer (EST) download directory. They require a PDF file reader to view and print them. Check for the following information:

- Changes in licensing requirements
- Changes in memory requirements

## Installing SpiceCheck

### Preparing for Installation

- The operating system versions on which the software is supported
- Changes made from prior releases

If you have not already done so, retrieve your license keys from the SmartKeys Web page at <http://solvnet.synopsys.com/smartkeys>.

For detailed licensing information, see the Synopsys Licensing QuickStart Guide Web page at <http://www.synopsys.com/keys>.

Root or administration privileges are not required.

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## Supported Platforms and Compilers

SpiceCheck is available on CD or by EST. Obtain the appropriate binary executable files for your operating system. Table 1 lists the supported platforms for this release.

*Table 1 Supported Platforms, Operating Systems, and Keywords*

Platform	Operating system	Synopsys platform keyword	Window environment
HP PA-RISC 2.0	HP-UX 11.0	hp32 (32-bit mode) hp64 (64-bit mode)	CDE
Sun SPARC	Solaris 9 (32-bit and 64-bit)	sparcOS5	CDE
IA-32 (X86) AMD Opteron (64-bit)	Red Hat Enterprise Linux v3, 4	linux (32-bit mode) linux (64-bit mode)	GNOME

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## Disk Space and Memory Requirements

The disk space requirement varies depending on the platform and the features selected for installation. Table 2 shows the maximum space required for installing all SpiceCheck features on a particular platform. Each CD also includes this information in the top-level INSTALL\_README.wri file.

Table 2 Disk Space and Memory Requirements (in Megabytes)

Platform	Software (maximum)	Default temporary directory location	Temporary disk space from CD	Temporary disk space from EST
HP-UX	82	/var/tmp	82	82
Solaris	82	/var/tmp	82	82
Linux	82	/tmp	82	82

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## Installing SpiceCheck

You can install SpiceCheck version A-2008.03 by using a GUI or by using text commands. By default, the SpiceCheck installer invokes the installation GUI. To install SpiceCheck by using text commands, see [Installing Synopsys Tools](#).

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### Installing SpiceCheck by EST

Download the SpiceCheck release to any directory. You can obtain the latest SpiceCheck download instructions from the SolvNet Release Library.

The UNIX version of SpiceCheck is distributed in a compressed tar file, which can be installed in any directory. Root (administrator) permission is not required.

To install the software on UNIX systems:

1. Ensure your environment has the needed Tcl/Perl/Java runtime libraries already installed.

If you do not have these libraries installed, download the `sx_common.tar.gz` file. You can untar the `sx_common.tar.gz` file at a disk location independent from the release directory. Set the `SW_SX_COMMON` environment variable to the `sx_common` root directory.

2. Extract the tar file into a directory (the installation directory). Make sure that the installation directory has proper read permission to the end users. The distribution tar file is named `sc_rev.tar.gz`, where `rev` is the revision code.
3. Enter `gunzip sc_rev.tar.gz` to uncompress the tar file.

## Installing SpiceCheck

### Setting Up Licenses

4. Enter `tar xvf sc_rev.tar` to extract the release directory `sc_rev` from the tar file.
5. Enter `rm sc_rev.tar` to remove the tar file.
6. Append `installation_directory/sc_rev/bin` to the search path in your shell init file (for example, `.cshrc` for C-shell).

For example, the Solaris release directory contains the following files and directories:

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File or Directory	Description
LICENSE	License agreement
bin/	Program executable and license daemon
doc/	Documentation
examples/	SpiceCheck examples
check_lib/	Pre-built SpiceCheck check functions

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## Installing SpiceCheck from a CD

Mounting the CD might require root access privileges. If you do not have root access privileges, see your system administrator for instructions on mounting the CD. For detailed instructions, see [Installing Synopsys Tools](#).

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## Setting Up Licenses

SpiceCheck uses Flexlm for license management. If you receive an uncounted node-locked evaluation or demo license, no license server needs to be started.

To install an uncounted node-locked evaluation license, append the full path of the license file (including the license file name) to the environment variable `LM_LICENSE_FILE`.

To install a production or floating license, you need to start the license server by entering the following line:

```
lmgrd -c license.dat
```

The `lmgrd` license server automatically invokes the `sandwork` vendor daemon. Make sure the path to the `sandwork` vendor daemon is appended to the `VENDOR` line in your license file. You can find `lmgrd` and `sandwork` in the `bin/` directory for different platforms. Please consult your system administrator to install the floating license. A copy of Flexlm end user's manual is included in the `doc/` directory. An online user's manual is also available at <http://www.macrovision.com/>.

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## Viewing and Printing SpiceCheck Documentation in Portable Document Format

To view and print SpiceCheck documentation in Portable Document Format (PDF), you must have Adobe Acrobat Reader installed on your machine. To determine which version of Adobe Reader your operating system requires, see Table 3.

*Table 3 Platform and Supported Version*

Platform	Product documentation version	Adobe Reader version
HP-UX	A-2008.03 or later	Adobe Reader 5.0 or earlier
Linux	A-2008.03 or later	Adobe Reader 7.0
Sun SPARC (Solaris) <sup>1</sup>	A-2008.03 or later	Adobe Reader 7.0

*1. On Solaris operating systems, the GNOME desktop manager must be installed to support Adobe Reader 7.0.*

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## Uninstalling SpiceCheck

To uninstall SpiceCheck, delete the entire software installation directory.

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## Customer Support

For information about accessing customer support, see [Installing Synopsys Tools](#).

**Installing SpiceCheck**  
Customer Support