Sun™ Management Center 3.5 Supplement for Workstations

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Sun Management Center 3.5 Supplement for Workstations

Sun™ Management Center 3.5 software enables you to monitor and manage supported workstations. The desktop add-on (workstation) software packages enable you to monitor and manage supported workstations.

This document describes installation and setup issues that are particular to the desktop add-on software. For information about using or installing core Sun Management Center software, see the *Sun Management Center 3.5 Installation and Configuration Guide* and the other documents accompanying the core product software.

What is Included in the Desktop Add-On Software

The desktop add-on software includes workstation-specific packages. Installation and setup programs are provided for installing, updating, and configuring these packages. See "About the Installation Process" on page 4 and "About Setup" on page 5.

Note – Your media might also include patches to the core Sun Management Center software. These patches must be installed manually, as described in the Release Notes. (The Release Notes are on the Sun Management Center 3.5 CD, in the `Doc/rel_notes` directory, filename `rel_notes.pdf`.)

Description of Software Packages

Each Sun Management Center 3.5 desktop package corresponds to either a server or agent architectural layer of the Sun Management Center 3.5 core product.

TABLE 1 Desktop Add-On Packages for Sun Management Center 3.5

Package Name	Layer	Description
SUNWeswsa	Agent Layer	Provides libraries and other files needed by the Sun Management Center 3.5 agent to monitor supported workstations. This package, in addition to the core Sun Management Center 3.5 agent software, must be installed on all workstations that Sun Management Center 3.5 will monitor.
SUNWeswss	Server Layer	Provides libraries and other files needed by the Sun Management Center 3.5 server to monitor and control supported workstations. This package, in addition to the core Sun Management Center 3.5 server software, must be installed on all systems (regardless of platform type) configured to be Sun Management Center 3.5 servers.
SUNWeswsi	Agent and Server Layer	Provides scripts and Java™ class files to support the add-on install, uninstall and setup features, as well as the new Agent Update feature.

Recommended Software Patches

There are recommended Solaris™ software patches available for the Sun Management Center 3.5 application. If you have a Sun service contract, you can download the patches from the following web site:

`http://sunsolve.sun.com`

You can also download the patches from the Sun Management Center product web site:

`http://www.sun.com/`sunmanagementcenter/

For more information about the patches for Sun Management Center 3.5 software, refer to the *Sun Management Center 3.5 Software Release Notes*.

Supported Sun Workstations

Sun Management Center 3.5 supports the following Sun workstations:

- Sun Ultra 30
- Sun Ultra 60
- Sun Ultra 80
- Sun Blade 100
- Sun Blade 150
- Sun Blade 1000
- Sun Blade 2000

The following operating environments are supported:

- Solaris 2.6 (agent only)
- Solaris 7
- Solaris 8
- Solaris 9

Note – Prior to Sun Management Center 3.0 Platform Update 4, both the desktop (workstation) add-on and the workgroup server add-on could be used to monitor and control some Sun platforms. Sun Management Center 3.5 no longer supports this redundancy.

The current desktop add-on only supports the workstations listed above. Previously supported systems (such as the Sun Ultra 2, Sun Enterprise 2, Sun Ultra 5, Sun Enterprise 5s, Sun Ultra 10, Sun Enterprise 10s, Sun Ultra 450 and Sun Enterprise 450) are now only supported by the workgroup server add-on.

Disk Space Requirements

Before installing the Sun Management Center 3.5 modules, make sure that the system where the module is being installed has sufficient disk space. TABLE 2 shows disk space requirements for each of the Sun Management Center 3.5 modules and for the workstation-specific modules.

TABLE 2 Estimated Disk Space Requirements

Component	Core Product	Desktop (workstation) Add-On
Agent packages	40 Mbytes (*estimated*)	1 Mbyte
Server packages	780 Mbytes (*estimated*)	2 Mbytes
Console packages	70 Mbytes (*estimated*)	None

The disk space estimates are subject to change. For exact requirements, refer to the *Sun Management Center 3.5 Software Installation Guide*.

Adding the Desktop Packages

The *Sun Management Center 3.5 Installation and Configuration Guide* contains complete information and procedures for installing and configuring the Sun Management Center software. Refer to this manual for more information.

Find the Sun Management Center 3.5 documentation at this URL:

http://www.sun.com/documentation/

About the Installation Process

You run the same Sun Management Center 3.5 installation program to install or upgrade any Sun Management Center component on any system. Following installation, you must run a setup program to configure the software properly.

The installation program provides an interactive list of questions that guides you through the installation procedure.

Note – Before beginning the installation process, you should know which systems in your network will function as Sun Management Center 3.5 servers, and which systems will be configured only as agents.

Note – You can use either a terminal window and text based interface to run the installation program, or you can use a Graphical User Interface (GUI).

When you run the installation program, it checks the system hardware and software environment.

If the installation program does find previously installed desktop packages, the installation application prompts you to choose whether to remove those older packages and replace them with newer versions. You must remove localization add-on packages before you install the latest localization packages. See "Updating Localization Packages" on page 7.

If the installation program does not find a previously installed version of Sun Management Center software, the installation program prompts you to choose whether to install the latest Sun Management Center core packages and add-on products.

Note – Core Sun Management Center packages are treated differently from desktop packages. The installation program does not automatically update the core Sun Management Center packages. To update core packages, you must apply the appropriate patches as discussed in the Release Notes.

For complete Sun Management Center 3.5 core software installation instructions, refer to the documentation provided with your Sun Management Center 3.5 media, or consult the Sun Management Center 3.5 web site:

`http://www.sun.com/sunmanagementcenter/`

About Setup

After the Sun Management Center 3.5 core packages and applicable add-on packages are installed, the installation program asks if you want to run the setup program.

You must run the setup program to configure the newly installed software before you can use it.

There are three possible ways to run the setup program:

1. Immediate Script Setup: If you installed the desktop modules with a terminal or shell window, you may proceed directly to the script-based setup program.
2. Immediate GUI Setup If you used the GUI for the installation, you must use the GUI.
3. Delayed Setup: If you delay the setup, you can choose to use either the GUI or a terminal window.

Script-based Setup

You can run the setup script immediately after installation by answering Yes `[y]` to the installation program prompt.

You can also run the setup script later. Change to the Sun Management Center 3.5 directory `/opt/SUNWsymon/sbin` and type:

```
./es-setup
```

GUI Setup

You can run the GUI setup program immediately after the GUI installation by selecting “Next” after the installation has finished.

You can also run the GUI setup later. Change to the Sun Management Center 3.5 directory `/opt/SUNWsymon/sbin` and type:

```
./es-guisetup
```

For more information about the GUI setup application, refer to the *Sun Management Center 3.5 User's Guide*.

Deciding When to Run the Setup Script

The time that the setup script takes to configure newly installed Sun Management Center components depends on what components you've installed. See TABLE 3 for details.

TABLE 3 Times Required for Module Setup

If You've Installed This Module	Then the Setup Script Takes...
Agent only	Under one minute
Console only	Under one minute
Server only	Twenty minutes, approximately. If this is a first-time installation of server components, the setup script prompts you to reboot the system before configuring the software.
Combination of components	Add up the times required for the individual components.

Updating Localization Packages

If you are currently using a localized environment installed from an earlier release of Sun Management Center software, you need to remove the older localization packages manually (see TABLE 4) before installing the newer versions included with this release. Follow the steps described below.

TABLE 4 Localization Packages to Be Removed

Package Name	Description
`SUNWfesw`	French Sun Management Center Server Layer for Workstations
`SUNWdesw`	German Sun Management Center Server Layer for Workstations
`SUNWiesw`	Italian Sun Management Center Server Layer for Workstations
`SUNWeesw`	Spanish Sun Management Center Server Layer for Workstations
`SUNWjesw`	Japanese Sun Management Center Server Layer for Workstations
`SUNWkesw`	Korean Sun Management Center Server Layer for Workstations
`SUNWcesw`	Simplified Chinese Sun Management Center Server Layer for Workstations
`SUNWhesw`	Traditional Chinese Sun Management Center Server Layer for Workstations

Note – You only need to remove these packages if you have an older version of Sun Management software installled. The Sun Mananegement Center 3.5 software contains only the following localization packages: French, Japanese, Korean, Simplified Chinese and Traditional Chinese.

Removing Localization Packages

1. **Check whether you have any localization packages listed in** TABLE 4 **already installed:**

```
% pkginfo package_name  package_name ...
```

2. **If the** `pkginfo` **command displays information for any of the localization packages *without* an error message, become superuser with the** `su -` **command, and remove the package(s):**

```
# pkgrm  package_name  package_name ...
```

Installing Localized Versions of the Supplement Software

Refer to the *Sun Management Center 3.5 Installation and Configuration Guide* for information about how to install the new installation packages.

Unsupported Modules

The Dynamic Reconfiguration module included in the Sun Management Center 3.5 product is not functional on workstations. You should not attempt to install this module.