

Sun Enterprise SyMON™ 2.0.1 Supplement for Workgroup Servers



THE NETWORK IS THE COMPUTER™

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Sun Enterprise SyMON 2.0.1 Supplement for Workgroup Servers

Sun Enterprise SyMON™ 2.0.1 for Workgroup Servers software is an extension to Sun Enterprise SyMON 2.0.1 (or SyMON) software. This extension enables customers to monitor and manage supported workgroup server systems.

Note – For the sake of clarity, the expression “Sun Enterprise SyMON 2.0.1 software” is occasionally shortened to “SyMON software.” All references to “SyMON” in any form in this document imply the Sun Enterprise SyMON 2.0.1 product.

SyMON 2.0.1 for Workgroup Servers

The three Sun Enterprise SyMON 2.0.1 for Workgroup Servers (WGS SyMON) modules correspond to the three architectural layers of the SyMON 2.0.1 product. The following is an overview of the three WGS SyMON modules:

- **SUNWeswgs** – WGS server module: Provides libraries and other files needed by the SyMON server to monitor and control supported WGS systems. This software must be installed on all SyMON server systems in addition to the base SyMON server software.
- **SUNWeswga** – WGS agent module: Provides libraries and other files needed by the SyMON agent to monitor supported WGS systems. This software must be installed on all SyMON monitored WGS systems in addition to the base SyMON agent software.
- **SUNWeswgc** – WGS console module: Provides files needed by the SyMON console to view supported WGS systems. This software must be installed on all SyMON console systems in addition to the base SyMON console software.

Supported Systems

The following WGS systems are supported in this release:

- Sun Enterprise™ 450 workgroup server
- Sun Enterprise 250 workgroup server
- Sun Enterprise 150 workgroup server
- Sun Enterprise 2 workgroup server
- Sun Enterprise Ultra 5s
- Sun Enterprise Ultra10s

The following operating environments are supported:

- Solaris™ 2.5.1
- Solaris 2.6
- Solaris 7 (32-bit and 64-bit versions)

Preparing for Installation

The workgroup server system packages are installed as part of the Sun Enterprise SyMON 2.0.1 installation procedures. Before beginning the installation process, you should know which workgroup server systems in your network will function as servers and consoles, and which systems will be monitored by the servers and consoles.

For Sun Enterprise SyMON 2.0.1 software installation instructions, please refer to the *Sun Enterprise SyMON 2.0.1 Software User's Guide*, which is shipped with your SyMON CD-ROM, or consult the SyMON web site, www.sun.com/symon for instructions.

Installation Planning

Before installing the Sun Enterprise SyMON modules, make sure that the system where the module is being installed has sufficient disk space. The table below shows the disk space requirements for *both* the Sun Enterprise SyMON 2.0.1 modules and for the WGS-specific packages.

TABLE 1 Approximate Disk Space Requirements

Component	SyMON 2.0.1 Module	WGS SyMON
Agent module	25 Megabytes	5 Megabytes
Server module	45 Megabytes	4 Megabytes
Console module	25 Megabytes	1 Megabyte

Adding the Workgroup Server Packages

At the end of the Sun Enterprise SyMON installation, the installation program informs you that you can choose whether or not to install the workstation (or “desktop”) agents. If you are installing one of the Sun Enterprise SyMON components on a workgroup server system, answer No [n] to the prompt for installing workstation (desktop) packages:

```
Core packages installed successfully: <package_names>
  Checking for possible add-on packages.
  Please verify the platform for package: SUNWeswsa
  Found: Sun Microsystems sun4u Sun Enterprise 450
(4 X UltraSPARC-II 248MHz)
  Package Supports: Sun Enterprise 450 - Ultra-Desktop
  Package Name: Sun Enterprise SyMON Configd Agent For Ultra
Workstations
  Package Description: This package provides the configd agent
for Ultra Workstation platforms
  Do you want to install this package now? [y|n|q] n
```

The script will then skip the workstation packages. The installation program then asks you if you want to install the workgroup server agent. If you are installing one of the components on a workgroup server system, answer Yes [y] to the prompt for installing workgroup server packages:

```
Please verify the platform for package: SUNWeswga
  Found: Sun Microsystems sun4u Sun Enterprise 450
(4 X UltraSPARC-II 248MHz)
  Package Supports: Enterprise 450 - Workgroup Server
  Package Name: Sun Enterprise SyMON Workgroup Server Agent Support
  Package Description: This package provides the necessary libraries
for Workgroup Server Agent
  Do you want to install this package now? [y|n|q] y
```



Caution – Be sure to install *only* WGS packages on workgroup servers and *only* workstation system packages on Ultra workstation systems. The Sun Enterprise SyMON 2.0.1 software may not work properly if you install both workstation and workgroup server packages on the same system.

Using the Setup Program

After the Sun Enterprise SyMON packages are installed successfully, the installation script asks you if you want to run the setup script at that time. You can run the setup script at that time by answering Yes [y] to the prompt. If you decline to run the setup program at that time, you can run it at a later time by going to the SyMON 2.0.1 directory `/opt/SUNWsymon/sbin` and typing the command `./es-setup`.

The setup script prompts you through dialogues about the license key and about the Configuration Reader you wish to set up. For license key and other basic information, see the section on “Pre-Install Information” in the *Sun Enterprise SyMON 2.0.1 Software User’s Guide*. The remainder of this section explains how to respond to the prompts for setting up a Configuration Reader for workgroup server systems.

You will see the following message, asking you to confirm the selection of the Configuration Reader:

```
-----  
Starting Sun Enterprise SyMON WGS Setup  
-----  
Platform Found: Enterprise 250  
Do you want to set up the workgroup server config reader for this  
platform?  
[y|n|q] y
```

1. Answer Yes to confirm your selection, as shown above.

Note – If you are installing the workgroup server agent on either the Sun Enterprise Ultra 5s or the Sun Enterprise Ultra 10s, the setup program asks you an additional question, which is explained in Step 2 below.

2. If you are installing the workgroup server agent on either of these workgroup servers—the Sun Enterprise Ultra 5s or the Sun Enterprise Ultra 10s, the setup program prompts you to specify the type of system on which you are installing an agent.

```
Choose the platform you are installing the agent on:  
1. Ultra Enterprise 5  
2. Ultra Enterprise 10  
Enter the platform type [1|2] 1
```

a. Specify the platform on which you are installing the agent.

Provide the appropriate answer. In the example above, the Ultra Enterprise 5s has been selected.

Note – You will be asked the question above *only if* you are installing the workgroup server packages on one of these two systems.

b. Confirm your selection of the Configuration Reader.

When you specify the platform, the setup program asks you to confirm your selection of the Configuration Reader:

```
Do you want to set up the workgroup server config reader for this  
platform? [y|n|q] y
```

Answer Yes to confirm your selection, as shown above.

Unsupported Modules

The Dynamic Reconfiguration (DR) module included in the Sun Enterprise SyMON 2.0.1 product is not functional on workgroup server systems. Therefore, do not load the Dynamic Reconfiguration (DR) module on WGS agents.

Using SyMON 2.0.1

After you have completed the installation procedure for each system, you are now ready to use Sun Enterprise SyMON 2.0.1 software to monitor your workgroup server systems.

Refer to the *Sun Enterprise SyMON 2.0.1 Software User's Guide* for instructions.