

# **Release Notes for Site Manager Software Version 7.10**

BayRS Version 13.10  
Site Manager Software Version 7.10

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November 1998



**Bay Networks**

*Where Information Flows.™*



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Site Manager Version 7.10 is a major software release that contains the latest information about new features, functionality, and significant software changes made since Site Manager Version 7.01. These release notes contains guidelines for using Site Manager Version 7.10.

## Bay Networks Technical Publications

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- The “CD ROMs” section lists available CDs.
- The “Guides/Books” section lists books on technical topics.
- The “Technical Manuals” section lists available printed documentation sets.

Make a note of the part numbers and prices of the items that you want to order. Use the “Marketing Collateral Catalog description” link to place an order and to print the order form.

## How to Get Help

For product assistance, support contracts, information about educational services, and the telephone numbers of our global support offices, go to the following URL:

*<http://www.baynetworks.com/corporate/contacts/>*

In the United States and Canada, you can dial 800-2LANWAN for assistance.

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# Release Notes for Site Manager Software Version 7.10

Site Manager Version 7.10 lets you manage Bay Networks® routers running BayRS™ Version 13.10.

These release notes include information about:

- Year 2000 compliance
- WEP Configuration Support
- SunOS 4.1.4 Support for Site Manager
- Hi/fn Compression
- Guidelines for Working with Site Manager Version 7.10
- Socket Binding Messages with UNIX Network Management Systems

## Year 2000 Compliance

BayRS Version 13.10 and Site Manager Software Version 7.10 are Year 2000 Compliance Certified by Bay Networks. They have successfully passed the Bay Networks Test Procedure, which tests conformance to the Bay Networks Year 2000 compliance definition. For more information, see the Bay Networks Year 2000 Web site at <http://www.baynetworks.com/year2000/>.

## **WEP Configuration Support**

The capability to configure the WAN Encryption Protocol (WEP) was merged into Site Manager beginning with Version 6.20. Site Manager Version 7.10 provides the capability to configure BayRS with (or without) the DES-40 or DES-56 WAN Encryption Option installed.

Using the DES-40 or DES-56 WAN Encryption Option requires the purchase of a separate CD containing the WEP executables for BayRS Version 13.10 software.

## **SunOS 4.1.4 Support for Site Manager**

Customers using Site Manager with SunOS 4.1.4 must plan to migrate to a supported Solaris OS platform. Site Manager Version 7.20 will be the last release that will ship with SunOS support. Site Manager releases later than 7.20 will not work with SunOS, but will continue to work with Solaris and other supported operating systems.

## **Hi/fn Compression**

If you have purchased the Hi/fn Compression CD for BayRS 13.10, you need to install the Hi/fn executable into the BayRS 13.10 router kernel using Image Builder. To install Hi/fn, follow the instructions in the CD insert.

## **Guidelines for Working with Site Manager Version 7.10**

Note the following guidelines when using Site Manager Version 7.10. These guidelines supplement the instructions in the BayRS Version 13.10 and the Site Manager Version 7.10 documentation sets.

## **Site Manager and BayRS Compatibility**

Site Manager Version 7.10 supports the following BayRS versions:

- 11.00
- 11.01
- 11.02
- 11.03

- 12.00
- 12.01
- 12.02
- 12.10
- 12.20
- 13.01
- 13.10

## Installing Site Manager on Windows NT

The Windows NT<sup>®</sup> platform supports Site Manager Version 7.10 software. The procedures for installing Site Manager on Windows NT and Windows<sup>®</sup> 95 are essentially the same. However, if the TCP/IP *services* file is not in the default directory (*C:\WINNT\system32\drivers\etc*), the installation script prompts for the location of the directory.

For information about installing Site Manager software on Windows NT, see *Quick-Starting Routers* or the CD booklet *BayRS and Site Manager Software Installation*.

## System Requirements

Refer to the section that applies to your PC or UNIX workstation.

### PC Requirements

Site Manager for the PC requires the following hardware and software:

- 486 PC (Pentium recommended)
- Microsoft<sup>®</sup> Windows 95 (16 bit) or Windows NT 4.0 (16 bit)
- Microsoft TCP/IP protocol stack provided with Windows 95 and a compatible network adapter and driver
- 16 MB of RAM (minimum)
- 60 MB of free disk space
- CD-ROM drive

- VGA monitor (SuperVGA monitor recommended)



**Caution:** Read the following instructions before upgrading to Windows 95.

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If you purchased a machine with Windows 95 and a network adapter installed, most likely you have the correct TCP/IP protocol stack, network adapter, and driver. Proceed to “Testing TCP/IP” in *Quick-Starting Routers*.

If you need to upgrade from Windows 3.1 to Windows 95, first uninstall any existing 16-bit TCP/IP stack, such as Distinct TCP/IP Run Time. Otherwise, Windows 95 will install the existing stack instead of the Microsoft TCP/IP protocol stack.

If you already upgraded from Windows 3.1 to Windows 95 and the upgrade kept an existing 16-bit TCP/IP stack, such as Distinct TCP/IP Run Time, you must uninstall the 16-bit TCP/IP stack before adding the Microsoft TCP/IP protocol stack.

To uninstall a 16-bit TCP/IP stack, refer to the TCP/IP provider’s documentation and support for help in removing the stack’s path statements, *services* file, and *winsock.dll* files dated prior to July 11, 1995. (That is the date of the *winsock.dll* file installed by Windows 95.)

To add or update a protocol, network adapter, or driver, refer to the appropriate documentation and support from Microsoft and the adapter manufacturer. You add protocols and driver updates from the Network option of the Control Panel. You add new network adapters and their drivers from the Add New Hardware option of the Control Panel.

Windows 95 attempts to match a driver to the network adapter installed on your computer. If Windows 95 cannot find a compatible driver, you must update the drivers. Contact the adapter manufacturer for the latest drivers. Microsoft and other Windows 95 Web sites may also have updated drivers.

Refer to the *Microsoft Windows 95 Resource Kit* for additional technical information about these issues. A copy of this guide is available from Microsoft Press.

## IBM/AIX Requirements

To run Site Manager, your IBM workstation requires the following hardware and software:

- Supported workstations:
  - IBM RS/6000 340, 370
  - PowerPC
- Supported operating system - IBM AIX Version 4.2
- Window environments:
  - CDE 1.0.1
  - AIX Motif 1.2
- 32 MB of RAM (64 MB recommended)
- 80 MB of disk space
- 32 MB of swap space (64 MB recommended; with NetView for AIX, 96 MB of swap space required)
- Network adapter appropriate for your network
- CD-ROM drive

## HP 9000 Requirements

To run Site Manager, your HP 9000 requires the following hardware and software:

- Supported workstations - HP 9000 Series 700 or 800
- Supported operating system - HP-UX 10.20, including the complete *services* (network services) directory
- Window environment - CDE 1.0.1
- 32 MB of RAM
- 95 MB of disk space
- 32 MB of swap space (64 MB recommended)
- Network adapter appropriate for your network
- CD-ROM drive

## SPARCstation Requirements

To run Site Manager, your SPARCstation requires the following hardware and software:

- Supported workstations:
  - SPARCstation 5, 10, 20
  - UltraSPARCstation
- Supported operating systems:
  - Solaris 2.5, 2.5.1, and 2.6
  - SunOS 4.1.4



**Note:** Customers using Site Manager with SunOS 4.1.4 must plan to migrate to a supported Solaris OS platform. Site Manager Version 7.20 will be the last release that will ship with SunOS support. Site Manager releases later than 7.20 will not work with SunOS, but will continue to work with Solaris and other supported operating systems.

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- Window environment for Solaris:
  - CDE 1.0.1
  - OpenWindows 3.5
- 32 MB of RAM (64 MB recommended)
- 32 MB of swap space
- 85 MB of disk space
- Network adapter appropriate for your network
- CD-ROM drive

## Maximum Number of Well-Known Connections

Site Manager supports up to 50 well-known connections.



**Caution:** Do not add more than the maximum number of connections.

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## Socket Binding Messages with UNIX Network Management Systems

UNIX network management systems such as OpenView or SunNet Manager may prevent Site Manager from binding to the SNMP sockets. As a result, the Trap Manager fails to operate and issues the following messages:

```
wftraps: : Unable to bind udp/snmp sockets. (C3501)
```

```
wftraps: : Permission to bind a socket is denied. Verify that the  
application is owned by "root", and that the permissions have been  
configured to set the effective user id to that of the owner of the  
file when the file is run. If the permissions are correct, another  
process may have already bound to the udp ports. (C3501)
```

To solve this problem, close the network management system and its processes by terminating their process IDs and start Site Manager from the command line.

