Read Me First
Router Software 11.02
Site Manager 5.02

Router Software Version 11.02
Site Manager Software Version 5.02

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Bay Networks

4401 Great America Parkway
Santa Clara, CA 95054

8 Federal Street
Billerica, MA 01821

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Read Me First

This document supplements the *Release Notes for Router Software Version 11.02*, *Release Notes for Site Manager Software Version 5.02*, and *Known Anomalies: Router Software 11.02 and Site Manager 5.02*.

It contains information about

- Bay Networks Documentation on the World Wide Web
- Disk Space Requirements
- Using Classical IP Over ATM
- Using BAP with ISDN Leased Line Applications
- Adding RADIUS to Virtual Network Router Software Suites

Bay Networks Documentation on the World Wide Web

Bay Networks provides current technical documentation on the World Wide Web at

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From this site you can

- Access and print current technical documentation including Version 11.02/5.02
- Search for the information you need
- Download the Bay Networks Press Catalog to order hardcopy documentation

We want to make our documentation and Web site as complete and useful as possible. If you have any questions or comments on the information provided at this site, you can send them directly to the Bay Networks Technical Publications department at

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Disk Space Requirements

Table 1 summarizes the minimum free disk space requirements for Site Manager Version 5.02.

Table 1. Minimum Disk Space Requirements

Platform	11.02/5.02
Sparcstation	78 MB
HP-UX	85 MB
IBM	67 MB
PC	40 MB

Using Classical IP Over ATM

When using Version 11.02 in a classical IP over ATM environment, the ATM interface experiences a fault when the Registration Refresh Interval parameter expires. This interval is 900 seconds (15 minutes) for clients and 1200 seconds (20 minutes) for servers.

To avoid this fault, you must create IP adjacent hosts between nodes on ATM classical IP networks. When creating these IP adjacent hosts, set the MAC address field for the adjacent host to the host's 20-byte ATM NSAP address.

Using BAP with ISDN Leased Line Applications

For bandwidth-on-demand using the bandwidth allocation protocol (BAP), the default value of the No Phone Number Needed parameter is Enable. You may change the default value of this parameter to avoid configuring an outgoing phone list, but change it only for configurations where the default values of the ISDN Numbering Plan and ISDN Numbering Type parameters in the outgoing phone list are acceptable to the ISDN switch.

Note: Certain countries have ISDN networks where the default values of the ISDN Numbering Plan and ISDN Numbering Type parameters do not work. Ask your sales engineer for details.

Adding RADIUS to Virtual Network Router Software Suites

The RADIUS executable file (*radius.exe*) does not appear in the following virtual network router (VNR) software suites:

- BN VNR Flash Card (PN 114620-A Rev. C)
- ATM VNR Flash Card (PN 114657-A Rev. C)
- The following CD-ROM (PN 114647) router platform selections:
  - -- bn/vnr “Backbone Node VNR”
  - -- 5780 “Model 5780 ATM Router installed on System 5000”

To add RADIUS to these sofware suites:

1. **Log in to the following FTP site as anonymous:**

   192.32.253.5

2. **Type the following from the FTP prompt:**

   cd /perm/radius_11.02

3. **Set the tranfer preference to binary (for example, type bin).**

4. **Download the *radius.exe* file from the FTP site (for example, type get radius.exe).**

5. **Place the executable into the default directory of your workstation.**

   The default directory on a PC is *wf\builder.dir\rel1102\bn810*
   The default directory on a UNIX platform is *$BUILDER_DIR/rel1102/bn810*

Note: The BUILDER_DIR resides in the *.cshrc*, *.login*, or other equivalent startup file.

6. **Start Image Builder and open the image to which you want to add *radius.exe*.**

7. **Click on Details in the Available Components box, select the *radius.exe* file, and click on Add.**

8. **Check the size of the *radius.exe* file (compressed -- approximately 22KB; uncompressed -- approximately 45KB).**

   If the file does not match the expected size, repeat this procedure or call Bay Networks Customer Support for assistance.

9. **Save the image that includes RADIUS and exit Image Builder.**

10. **Use FTP to transfer the new image to the router and reboot the router, following the directions in *Modifying Software Images for Routers*.**

    You can now use RADIUS on this router.

For further information about using Image Builder, refer to *Modifying Software Images for Routers*.