



CHAPTER 2

Deploying the Network Module Enhanced Application Performance Assurance Solution

This module provides an overview of the steps involved in deploying the Cisco Network Module Enhanced Application Performance Assurance (NME-APA) solution in your network.

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Installing the NME-APA Module

When first deploying the NME-APA solution, you must install the NME-APA module in the integrated services router (ISR) that is in your network. There are two variants of the NME-APA module:

- NME-APA-E2 for the 2800 series ISR
- NME-APA-E3 for the 3800 series ISR

The ISR must be running Cisco IOS Release 12.4(20)YA or a later release.

For full details on installing the NME-APA module in the ISR, see *Installing Cisco Network Modules in Cisco Access Routers* at

http://www.cisco.com/en/US/products/hw/modules/ps2797/products_module_installation_guide_chapter09186a008007c8ec.html

Managing the NME-APA Module

There are two management interfaces for managing the NME-APA module: CLI using Telnet and the APA Device Console (APADC) GUI. Although the two management methods provide identical functionality, we recommend that you use the APADC for configuration and management.

Installing the APA Device Console

The APADC is a web based element management application running on a Microsoft Windows XP workstation. The APADC is delivered through a standard Windows installer application. To install the APADC, choose a suitable workstation that meets the system requirements and install the application. For further information, see the *Cisco Application Performance Assurance Device Console Installation Guide*, the “Installing the Application Performance Assurance Device Console” chapter.

NME-APA Module Initial Configuration

The NME-APA module initial configuration can be performed using the CLI through Telnet interface or by using the APA Device Console.

The main point to consider when setting up the NME-APA module is whether to use the device for reporting only, or to use it for traffic management and reporting.

For initial configuration of the NME-APA module using the CLI, see the *Cisco Network Module Enhanced Application Performance Assurance User Guide*, the “Getting Started with Application Performance Assurance” chapter.

For initial configuration of the NME-APA module using the GUI, see the *Cisco Application Performance Assurance Device Console User Guide*, the “Device Setup and Management” chapter.

NME-APA Module Management and System Configuration

We recommend that you manage and configure the NME-APA module and configure the Cisco APA solution using the APA Device Console. For full details about the APADC, see the *Cisco Application Performance Assurance Device Console User Guide*.

The APADC provides the following capabilities:

- Device management
- Traffic management
- User management
- Reporting
- Administrative management