Cisco Network Module Enhanced
Application Performance Assurance
Device Console Installation Guide
August 2007
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About this Guide

Revised: August 15, 2007, OL-14497-01

This document is a guide to the installation and use of the Network Module Enhanced-Application Performance Assurance (NME-APA) Device Console.

The guide assumes a basic familiarity with the telecommunications equipment and installation procedures, the NME-APA and ISR platforms, and their related components.

This guide is intended for the system administrator and the networking or computer technician who is responsible for the on-site installation and configuration of the NME-APA Device Console.

This introduction provides information about the following topics:

- Document Revision History, page iii
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Document Revision History

<table>
<thead>
<tr>
<th>Cisco Service Control Release</th>
<th>Part Number</th>
<th>Publication Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Release 1.0.0</td>
<td>OL-14497-01</td>
<td>August, 2007</td>
</tr>
</tbody>
</table>

Description of Changes

- This is the first version of this installation guide.
Organization

The major sections of this guide are as follows:

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 1</td>
<td>Installation, page 1-1</td>
<td>Describes the installation package and the install and uninstall procedures.</td>
</tr>
<tr>
<td>Chapter 2</td>
<td>Getting Started, page 2-1</td>
<td>Describes the initial login to the Console.</td>
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Related Publications

Use this Cisco SCMS Subscriber Manager User Guide in conjunction with the following Cisco documentation:

- Cisco NME-APA User Guide
- Cisco NME-APA Device Console User Guide

Conventions

This document uses the following conventions:

<table>
<thead>
<tr>
<th>Convention</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>boldface</strong></td>
<td>Commands and keywords are in <strong>boldface</strong>.</td>
</tr>
<tr>
<td><strong>italic</strong></td>
<td>Arguments for which you supply values are in <strong>italic</strong>.</td>
</tr>
<tr>
<td>[ ]</td>
<td>Elements in square brackets are optional.</td>
</tr>
<tr>
<td>{x</td>
<td>y</td>
</tr>
<tr>
<td>[x</td>
<td>y</td>
</tr>
<tr>
<td>string</td>
<td>A nonquoted set of characters. Do not use quotation marks around the string, or the string will include the quotation marks.</td>
</tr>
<tr>
<td><strong>screen</strong></td>
<td>Terminal sessions and information that the system displays are in <strong>screen</strong> font.</td>
</tr>
<tr>
<td><strong>boldface screen</strong></td>
<td>Information you must enter is in <strong>boldface screen</strong> font.</td>
</tr>
<tr>
<td><strong>italic screen</strong></td>
<td>Arguments for which you supply values are in <strong>italic screen</strong> font.</td>
</tr>
</tbody>
</table>
About this Guide

Table 2

<table>
<thead>
<tr>
<th>Convention</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;&gt;</td>
<td>Nonprinting characters, such as passwords, are in angle brackets.</td>
</tr>
<tr>
<td>[ ]</td>
<td>Default responses to system prompts are in square brackets.</td>
</tr>
<tr>
<td>!, #</td>
<td>An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.</td>
</tr>
</tbody>
</table>

Note

Means *reader take note*. Notes contain helpful suggestions or references to materials not covered in this manual.

Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.

Means *reader be warned*. In this situation, you might do something that could result in bodily injury.

Obtaining Documentation

The following sections provide sources for obtaining documentation from Cisco Systems.

World Wide Web

You can access the most current Cisco documentation on the World Wide Web at the following sites:

- http://www.cisco.com
- http://www-china.cisco.com
- http://www-europe.cisco.com

Documentation CD-ROM

Cisco documentation and additional literature are available in a CD-ROM package that ships with your product. The Documentation CD-ROM is updated monthly and may be more current than printed documentation. The CD-ROM package is available as a single unit or as an annual subscription.

Ordering Documentation

Cisco documentation is available in the following ways:

- Registered Cisco Direct Customers can order Cisco Product documentation from the networking Products MarketPlace:
  http://www.cisco.com/cgi-bin/order/order_root.pl
About this Guide

Registered Cisco.com users can order the Documentation CD-ROM through the online Subscription Store:
http://www.cisco.com/pcgi-bin/marketplace/welcome.pl

Nonregistered Cisco.com users can order documentation through a local account representative by calling Cisco corporate headquarters (California, USA) at 408 526-7208 or, in North America, by calling 800 553-NETS(6387).

Documentation Feedback

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You can e-mail your comments to bug-doc@cisco.com.

To submit your comments by mail, use the response card behind the front cover of your document, or write to the following address:
Attn Document Resource Connection
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-9883

We appreciate your comments.

Obtaining Technical Assistance

Cisco provides Cisco.com, page vi as a starting point for all technical assistance. Customers and partners can obtain documentation, troubleshooting tips, and sample configurations from online tools. For Cisco.com registered users, additional troubleshooting tools are available from the TAC website.

Cisco.com

Cisco.com is the foundation of a suite of interactive, networked services that provides immediate, open access to Cisco information and resources at any time, from anywhere in the world. This highly integrated Internet application is a powerful, easy-to-use tool for doing business with Cisco.

Cisco.com provides a broad range of features and services to help customers and partners streamline business processes and improve productivity. Through Cisco.com, you can find information about Cisco and our networking solutions, services, and programs. In addition, you can resolve technical issues with online technical support, download and test software packages, and order Cisco learning materials and merchandise. Valuable online skill assessment, training, and certification programs are also available.

Customers and partners can self-register on Cisco.com to obtain additional personalized information and services. Registered users can order products, check on the status of an order, access technical support, and view benefits specific to their relationships with Cisco.

To access Cisco.com, go to http://www.cisco.com.
Technical Assistance Center

The Cisco Technical Assistance Center (TAC) website is available to all customers who need technical assistance with a Cisco product or technology that is under warranty or covered by a maintenance contract.

Contacting TAC by Using the Cisco TAC Website

If you have a priority level 3 (P3) or priority level 4 (P4) problem, contact TAC by going to the TAC website http://www.cisco.com/tac.

P3 and P4 level problems are defined as follows:

- P3—Your network is degraded. Network functionality is noticeably impaired, but most business operations continue.
- P4—You need information or assistance on Cisco product capabilities, product installation, or basic product configuration.

In each of the above cases, use the Cisco TAC website to quickly find answers to your questions.


If you cannot resolve your technical issue by using the TAC online resources, Cisco.com registered users can open a case online by using the TAC Case Open tool at http://www.cisco.com/tac/caseopen.

Contacting TAC by Telephone

If you have a priority level 1 (P1) or priority level 2 (P2) problem, contact TAC by telephone and immediately open a case. To obtain a directory of toll-free numbers for your country, go to http://www.cisco.com/warp/public/687/Directory/DirTAC.shtml.

P1 and P2 level problems are defined as follows:

- P1—Your production network is down, causing a critical impact to business operations if service is not restored quickly. No workaround is available.
- P2—Your production network is severely degraded, affecting significant aspects of your business operations. No workaround is available.
CHAPTER 1

Installation

This module describes the installation procedure for installing the NME-APA Device Console. It also describes the system requirements and the uninstall procedure for the NME-APA Device Console.

- Prerequisites, page 1-1
- Hardware and Software Requirements, page 1-1
- Installing the NME-APA Device Console, page 1-2
- Uninstalling the NME-APA Device Console, page 1-4

Prerequisites

In order to install the NME-APA Device Console, the following conditions must be met:

- Apache Tomcat is not installed.
- MySQL is not installed.
- Ports 3306 (MySQL) and 8080 (Apache Tomcat) should be available and not taken by other applications.
- Any security or anti-virus software should be disabled during installation.

Hardware and Software Requirements

The hardware and software requirements for the platform running the NME-APA Device Console are listed below:

- Processor—Intel® Pentium® 4, 3.0 GHz
- Hard Drive—60 GB
- RAM—1 GB
- Display—Recommended display with resolution of 1280x1024
- OS—Microsoft® Windows® XP Service Pack 2
Installing the NME-APA Device Console

This section describes how to install the NME-APA Device Console. It also describes the software that is installed as part of the installation procedure.

- The NME-APA Installation Package, page 1-2
- Software Installed during NME-APA Device Console Installation, page 1-2

The NME-APA Installation Package

The NME-APA installation package consists of a single executable file located in the CCO, which installs the Console and the associated software. The name of the executable is `APADC-v<version>.exe`

Software Installed during NME-APA Device Console Installation

The following software is installed during the installation of the NME-APA Device Console:

- Java Runtime Environment—Version 1.5.0.11 of the JRE is installed.
- Apache Tomcat—Version 5.5.20 of the Apache Tomcat web server is installed. This provides the web server software for accessing the NME-APA Device Console.
- MySQL—Version Enterprise-5.0.44-win32 is installed.
- SCA Reporter—Version 3.1.0 of the SCA Reporter is installed to provide the reporting capabilities of the NME-APA Device Console.

The installer creates Windows services for MySQL (Cisco APADC MySQL) and Apache Tomcat (Cisco APADC Tomcat); both services are configured for automatic startup.

Step 1

Navigate to the Console installation file, `APADC-v1.0.2.10a.exe`, and double-click it.

The License Agreement screen of the Setup Wizard opens.

Figure 1-1

Step 2

Click I Agree.

The Install Location screen of the Setup Wizard opens.
Step 3  Click **Browse** if a different destination folder is desired. MySQL is always installed in the default location `C:\mysql-enterprise-5.0.44-win32`.

Step 4  Click **Install**.

The Installing screen of the Setup Wizard opens.

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**Figure 1-2**

![Excelsior Setup: Installation Folder](image)

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Step 5  Wait until installation is complete.

The Close button is enabled.

Step 6  Click **Close**.

The NME-APA Device Console 1.0.2.10a Setup Wizard closes.

The Console is now installed on the machine and an icon named **APADC** is placed on the Desktop to allow quick access to the NME-APA Device Console.
Uninstalling the NME-APA Device Console

This section describes how to uninstall the NME-APA Device Console.

**Step 1** Navigate to the folder where the Console is installed.

**Step 2** Double-click the uninstall file, **Uninstall.exe**.

The Confirm Uninstall screen appears.

Figure 1-4

**Step 3** Click **Uninstall**.

The Apache Tomcat and MySQL services are stopped and all of the NME-APA installed components are uninstalled.
Getting Started

This module describes how to get started with the NME-APA Device Console

Starting the NME-APA Device Console

This section describes how to start the NME-APA Device Console

**Step 1**
Double-click the APADC shortcut icon that is located on the Desktop.
The page http://localhost:8080/login.jsp is opened in a web browser displaying the login screen.

*Figure 2-1*

![Login Screen](image)

**Step 2**
Type `root` in the Username field and type `cisco` in the Password field.
**Step 3**
Click **Login**.
The Create IT Manager User screen appears.
Step 4  Type in the name of the IT manager user in the Username field, and type in and confirm the user password in the Password and Confirm Password fields.

Step 5  Click **Create**.

The login screen reappears.

Step 6  Type in the username and password for the IT manager user created in Step 4.

The NME-APA Device Console appears.