Cisco Application Performance Assurance
Device Console Installation Guide

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About this Guide

This document is a guide to the installation and use of the Application Performance Assurance Device Console (APADC).

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 APADC.

Document Revision History

The Document Revision History below records changes to this document.

<table>
<thead>
<tr>
<th>Revision</th>
<th>Cisco Service Control Release and Date</th>
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<td>OL-14497-02</td>
<td>2.0 September, 2008</td>
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<td>OL-14497-01</td>
<td>1.0 August, 2007</td>
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Organization

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Related Publications

Use this Cisco Application Performance Assurance Device Console Installation Guide in conjunction with the following Cisco documentation:

- Cisco Network Module Enhanced Application Performance Assurance User Guide
- Cisco Application Performance Assurance Device Console User Guide

Conventions

This document uses the following conventions:

<table>
<thead>
<tr>
<th>Convention</th>
<th>Indication</th>
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<tbody>
<tr>
<td><strong>bold</strong> font</td>
<td>Commands and keywords and user-entered text appear in <strong>bold</strong> font.</td>
</tr>
<tr>
<td><em>italic</em> font</td>
<td>Document titles, new or emphasized terms, and arguments for which you supply values are in <em>italic</em> font.</td>
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<tr>
<td>[]</td>
<td>Elements in square brackets are optional.</td>
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<td>{x</td>
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<td>[x</td>
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<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>courier</strong> font</td>
<td>Terminal sessions and information the system displays appear in <strong>courier</strong> font.</td>
</tr>
<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.

Tip

Means the following information will help you solve a problem.

Caution

Means reader be careful. In this situation, you might perform an action that could result in equipment damage or loss of data.

Timesaver

Means the described action saves time. You can save time by performing the action described in the paragraph.
Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly What’s New in Cisco Product Documentation, which also lists all new and revised Cisco technical documentation, at:


Subscribe to the What’s New in Cisco Product Documentation as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS version 2.0.
Installing the Application Performance Assurance Device Console

This module describes the installation procedure for installing the Application Performance Assurance Device Console (APADC). It also describes the system requirements and the uninstall procedure for the APADC.

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

Prerequisites

In order to install the APADC, 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 APADC are listed below:

- Processor—Intel® Pentium® 4, 3.0 GHz
- Hard Drive—80 GB
- RAM—1 GB
- Display—Recommended display with resolution of 1280x1024
- OS—Microsoft® Windows® XP Service Pack 2
Chapter 1      Installing the Application Performance Assurance Device Console

Installing the APA Device Console

This section describes how to install the APADC. It also describes the software that is installed as part of the installation procedure.

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

APA Installation Package

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

Software Installed during APA Device Console Installation

The following software is installed during the installation of the APADC:

- 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 APA Device Console.
- MySQL—Version Enterprise-5.0.44-win32 is installed.
- SCA Reporter—Version 3.1.6 of the SCA Reporter is installed to provide the reporting capabilities of the 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-v2.0.0.0.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.
Chapter 1      Installing the Application Performance Assurance Device Console

Installing the APA Device Console

Figure 1-2

Step 3  (Optional) 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.

Figure 1-3

Step 5  Wait until the installation is complete.

The Close button is enabled.

Step 6  Click Close.

The APA Device Console 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 APA Device Console. Please wait one minute for the web server to initialize before attempting to log into APADC.
Uninstalling the APA Device Console

This section describes how to uninstall the 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](image)

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

The Apache Tomcat and MySQL services are stopped and the SCA Reporter 3.1.6 Uninstall dialog box appears.

**Step 4** Click **Yes**.

**Step 5** Wait until the SCA Reporter 3.1.6 uninstall completes.

The SCA Reporter 3.1.6 Uninstall Complete dialog appears.

**Step 6** Click **OK**.

Upgrading the APA Device Console

This section describes how to upgrade an APADC 1.0.0.0 installation to version 2.0.0.0.

**Caution**

All existing device, traffic management, and user configurations, as well as all retrieved RDR data and report instances are deleted during the upgrade.

**Step 1** Navigate to the Console installation file, APADC-v2.0.0.0.exe, and double-click it.

A confirmation dialog appears.
Step 2  Click **OK**.
The SCA Reporter 3.1.0 Uninstall dialog appears.

Step 3  Click **Yes**.

Step 4  Wait until the SCA Reporter uninstall completes.
The SCA Reporter 3.1.0 Uninstall Complete dialog appears.

Step 5  Click **OK**.
The Excelsior Uninstall: Confirmation dialog appears.

Step 6  Click **Uninstall**.

Step 7  Wait until the Excelsior uninstall is complete.
The Excelsior Uninstall: Completed dialog appears.

Step 8  Click **Close**.
The installation of the APADC version 2.0.0 begins and the License Agreement screen of the Setup Wizard opens.

Step 9  Continue from Step 2 of the installation procedure described in *Installing the APA Device Console*, page 1-2.
Getting Started

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

Starting the APA Device Console

This section describes how to start the 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

Step 2
Login with the following username and password:
- Username: root
- Password: cisco

Step 3
Click Login.
The Create IT Manager User screen appears.
Figure 2-2

In the Username field, enter the username for the IT manager user.

In the Password field, enter the password for the IT manager user.

In the Confirm Password field, re-enter the password for the IT manager user.

Click Create.

The login screen reappears.

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

The APA Device Console appears.

Adding a Device User

In the Navigation pane, select Device Management > Configuration.

The Device Configuration screen appears in the Configuration pane open to the Basic tab.

Click the Security tab.

The Security configuration screen appears in the Configuration pane, displaying the Device Users box in the lower section.

Click Add.

The Add Device User box appears in the upper section of the Configuration pane.

In the Name field, enter the User's user name.

In the Password field, enter the User's password.

In the Confirm Password field, re-enter the User's password.

From the Access Level drop-down list, choose the User's access level.
**Step 8**  
Click OK.
The new User is saved in the configuration.

---

### Adding Device Credentials for an Administrative User

**Step 1**  
In the Navigation pane, select **Admin > Admin User Management**.  
The Admin User Management screen appears in the Configuration pane.  
Administrative user accounts are listed with along with their devices.

**Step 2**  
Click the radio button next to the IT manager user.

**Step 3**  
Click **Edit**.  
The APA Device Console User box appears in the Configuration pane.

---

**Note**  
At this point, you may also edit the user's details.

**Step 4**  
Click **Add New Device**.  
The Devices box appears in the lower portion of the Configuration pane.

---

**Figure 2-4**

**Step 5**  
In the Device Name field, enter the name of the device to which this user will connect.

**Note**  
The device name entered here must match the device name entered when the device is added to the APA Device Console.

**Step 6**  
In the User Name field, enter the user name of the user created in **Adding a Device User, page 2-2**.  
The is the user name with which the IT manager user will login to the device.

**Step 7**  
In the Password field, enter the password of the user name on the device.

**Note**  
The password entered here must match the password for the above user name on the NME-APA device.

**Step 8**  
In the Confirm Password field, re-enter the modified password of the user name on the device.
Step 9  From the Access Level drop-down list, choose the access level with which the user will login to the device.

Note  This value is not currently used. Choose any valid value.

Step 10  Click OK.

The device credentials are saved in the configuration.
The Admin User Management screen reappears in the Configuration pane.

APADC Log Files

If needed for reference, the APADC log files are located at:

- C:\log
- C:\APADC\apache-tomcat-5.5.20\logs