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## Video Administration Installation Overview

This chapter provides procedures for installing Video Administration.

See the following sections:

- Before Installing Video Administration
- Installing MSDE
- Installing Video Administration
- Confirming Installation
- Uninstalling Video Administration

## Before Installing Video Administration

The following information is important to consider before installing Video Administration:

- Microsoft Windows SNMP service must be installed.

- Ports 1098 and 1099 must not be occupied.
- The web server port (TCP 8080 by default) and the internal gatekeeper authorization port (TCP 7777 by default) must not be blocked.
- [Supported Databases](#)
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## Supported Databases

You can configure Video Administration to use any of the following databases:

- Microsoft SQL Server 2000 Standard Edition
- Microsoft SQL Server 2000 Enterprise Edition
- Microsoft SQL Server 2000 Desktop Edition (MSDE)

A copy of MSDE is included with Video Administration. See the [Installing MSDE](#) for detailed installation instructions. If you prefer to use the Standard or Enterprise Editions of Microsoft SQL Server 2000, you must install the relevant database before installing Video Administration.

## Login Information Requirements

Login information must comply with the following requirements:

- Number of characters in database name-32 or fewer
- Number of characters in username-16 or fewer
- Number of characters in password-12 or fewer

## Port Considerations

In this document, the term "port" refers to the Video Administration connection to an endpoint.

## Examples of Port Usage

Different situations require different port usage, as shown in the following examples:

- A meeting with five participating video endpoints uses six ports-five for video and one for the audio link to the Cisco Unified MeetingPlace Audio Server.
- A call via a gateway to an MCU uses one port.
- A meeting spans multiple MCUs for bandwidth optimization, therefore an additional port is required on each MCU for cascading.
- A meeting spans two MCUs with three participating endpoints on the first MCU and four

participants on the second MCU. Ten ports (7 endpoints, 2 MCUs, 1 audio link) are required.

## Port Assignment

The default installation port for Video Administration is port 8080.

On certain platforms, some applications such as the Internet Information Services Web Server (IIS) also use port 8080.

Port 8443 is used for SSL connection only.

For media conferences that use audio and video, one additional port is required. This port is reserved for the audio link to the Video Administration Audio Server.

## To Avoid a Port Conflict

1. Before installing Video Administration, disable the specific application that occupies port 8080.  
or  
Install Video Administration on a port other than port 8080.

## To Add Ports to the Programs and Services List If Windows 2003 Service Pack 1 Firewall Is Enabled on the Designated Server

1. In Windows FireWall > Exceptions, add the following ports to the Programs and Services list:  
Video Admin Web Server Port: TCP 8080 (default)  
Video Admin Internal Gatekeeper Authorization Port: TCP 7777 (default)

## Minimum System Requirements

- Internet browser-IE version 6.0 is required.
- Network Time Protocol (NTP) must be configured on the Video Administration Server.

## Configuring Network Time Protocol (NTP)

### To Configure NTP on the Video Administration Server

1. From the Start menu, click **Run**, then enter **cmd** to open a command prompt.
2. Enter the following command:

```
net time /setsntp:<NTP-SERVER-NAME-OR-IP>
```

where <NTP-SERVER-NAME-OR-IP> is the IP address or DNS name of the NTP time server.

3. Close the command window.
4. From the Start menu, click **Settings > Control Panel > Administrative Tools > Services**.
5. From the list of services currently running on the server, right-click **Windows Time** and select **Properties**.
6. In the Startup Type field, select **Automatic**.
7. Under Server Status, click **Start**.
8. Click **OK**.
9. Close the Services control panel.

## Installing MSDE

Use the following procedure to install Microsoft SQL Server 2000 Desktop Edition (MSDE) as the server database. MSDE is included with Video Administration. Installation of MSDE is optional, depending on your requirements.

Note the following when navigating through the installation process:

- The menu on the left side of each installation screen indicates at which stage you are in the installation.
- To return to a previous screen during the installation process, click the Previous button until you reach the screen you require.
- To cancel the installation at any time during the installation process, click the Cancel button in the installation screen that is currently open.

### To Install MSDE

**Note:** Quit all applications before beginning the MSDE installation.

1. Insert the **Video Administration for Cisco Unified MeetingPlace CD**.
2. On the desktop, click **Setup\_MSDE.exe**.  
The MSDE installer opens.
3. In the Installation screen, read the instructions, and then click **Next**.
4. In the Choose Shortcut Folder screen, select a location for product icons. The following options are available:
  - ◆ In a New Program Group (Selected by default. "MSDE2000" appears automatically in the field.)
  - ◆ In an Existing Program Group
  - ◆ In the Start Menu
  - ◆ On the Desktop
  - ◆ In the Quick Launch Bar
  - ◆ Other (Click **Choose** to select another location in a browser screen.)
  - ◆ Do Not Create Icons
  - ◆ Create Icons for All Users (Checked by default.)
5. Click **Next**.

6. In the Choose Install Folder screen, in the Where Would You Like to Install? field, choose the location of the folder:
  - ◆ Use the default location (\Program Files\MSDE2000).
  - ◆ To select a different location, click **Choose**, and in the browser screen that opens, select a location.
  - ◆ To return to the default location settings, click **Restore Default Folder**. The path appears automatically in the Where Would You Like to Install? field.
7. Click **Next**.  
In the MSDE Administration Information screen, information appears automatically in the Server Name field and the Login ID field.
8. Enter information in the Server Port field and the Password field.
9. Click **Install**.  
The Installing MSDE2000 screen appears and includes an installation progress bar. When the installation is successfully completed, a message appears.
10. Continue with the [To Install the Video Administration Component](#).  
**Note:** Do not remove the Video Administration for Cisco Unified MeetingPlace CD. It is required to install Video Administration.

## Installing Video Administration

This section describes the steps involved in a basic initial installation of Video Administration.

Note the following when navigating through the installation process:

- The menu on the left side of each installation screen indicates at which stage you are in the installation.
- To return to a previous screen during the installation process, click the Previous button until you reach the screen you require.
- To cancel the installation at any time during the installation process, click the Cancel button in the installation screen that is currently open.

### To Install the Video Administration Component

**Important!** Do not interrupt the installation procedure.

1. Quit all applications before beginning the Video Administration installation.
2. If you are not continuing from doing the MSDE installation, insert the **Video Administration for Cisco Unified MeetingPlace CD**.
3. To start the Video Administration installation, double-click the **Cisco\_Video\_Admin\_<version #>.exe** icon that appears on the desktop.  
An installation progress bar appears. When the installer is ready, the Introduction screen appears.
4. Read the information on the screen, and then click **Next**.  
The License Agreement screen appears.

5. Select **I Accept the Terms of the License Agreement**, and then click **Next**.  
The Directory Selection screen appears.
6. In the Directory Selection screen, in the Where Would You Like to Install? field, choose the location of the folder:
  - ◆ Use the default location (\Program Files\Cisco\Video Admin).
  - ◆ To select a different location, click **Choose**, and in the browser screen that opens, select a location.
  - ◆ To return to the default location settings, click **Restore Default Folder**. The path appears automatically in the Where Would You Like to Install? field.
7. Click **Next**.  
The Video Admin Default Language Selection screen appears.
8. From the Default Language Selection list, select a language and then click **Next**. English is selected by default.  
The Video Admin Server Information screen appears. By default, the host name of the Video Admin machine that you are using appears in the first field, and the default port (8080) appears in the Port Number field. This information is used in links published by Video Administration, such as links appearing in invitation e-mail.
9. Change the host name or IP address if applicable, first verifying that the host name or IP address that you provide is accessible from any location from which you intend to use Video Administration, and then click **Next**.  
The installer checks for port conflicts.
10. If a port conflict is found, click **Previous**, and on the Video Admin Server Information screen, do one of the following:
  - ◆ Enter a different port number.
  - ◆ Free the Video Admin port setting.
11. Click **Next**.  
The Database Server Administration Information screen appears. The fields in the Database Server section are Server Name and Server Port. The fields in the Administrator Account section are Login ID and Password. Information appears automatically in the fields. Edit as required.
12. Click **Next**.  
The Video Admin Database Information screen appears. The following default information appears in the fields:
  - ◆ Database Name-cisco\_core\_db
  - ◆ Login ID-cisco\_core\_user
  - ◆ Password-cisco\_core\_1111
13. Edit the information if required, and then click **Next**.  
The Video Admin Account Information screen appears.
14. Enter information in the Login ID, Password, Confirm Password, and e-mail fields, and then click **Next**.  
A message appears informing you that Video Administration is being configured on the system.  
The Pre-Installation Summary screen appears and includes the following information regarding the installation: Product Name, Install Folder, Shortcut Folder, and Disk Space Information (for Installation Target).
15. Review the information in the Pre-Installation Summary screen.  
**Note:** Make sure free disk space is adequate. If it is necessary to change the location of the installation folder, click **Previous** until you return to the relevant screen in the installation wizard, change the location, and then click **Next** to proceed again with the installation.
16. To proceed with the installation, click **Install**.  
The Installing Cisco Video Admin screen appears.  
If the database is successfully installed, an Installation Complete screen appears.
17. Click **Done** to exit the installer.

The login screen appears.

**Caution!** When you install Video Administration for the first time, the User Provisioning screen appears after initial login. Do not change the selections that appear automatically. Click **OK**.

## Confirming Installation

Use the following procedure to confirm successful installation.

### To Confirm a Successful Installation

1. After starting the service, allow several minutes for initialization of the server before logging in to the web interface.
2. Go to **http://<va-host>/va**.  
**Note:** If you have modified the Video Administration web server port default setting, add the string:<new port number> after <va-host> in the URL. For example, **http://<va-host>:8080/va**.

After system initialization, the Video Administration login screen appears.

## Uninstalling Video Administration

### To Uninstall Video Administration

1. Do one of the following steps:
  - ◆ From the system Start menu, in the Video Administration program file group, click **Uninstall Video Administration**.
  - ◆ In the Control Panel, in Add/Remove Programs, select the **Video Administration** program, and then select **Uninstall Program**.

The Video Administration server is uninstalled, but the SQL database is not uninstalled.