



## BARS Installation

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This section contains the following topics, which include the step-by-step procedure for installing BARS:

- [Restrictions When Installing or Upgrading BARS, page 2-1](#)
- [About Third-Party Applications and Services, page 2-2](#)
- [Installation Procedure, page 2-2](#)
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- [Determining Which Version of BARS Runs on Your System, page 2-4](#)



**Note**

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BARS installation automatically removes any previously installed version of the Cisco Unified Communications Applications Backup Utility 3.5. BARS also migrates backup-server configurations from Cisco Unified Communications Applications Backup Utility 3.5 installation to BARS backup-server configuration. However, check all configurations after a migration is performed.

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## Restrictions When Installing or Upgrading BARS

This section contains the following topics that describe restrictions about the usage of various services and applications when you install or upgrade BARS:

- [About Terminal Services, page 2-1](#)
- [About Third-Party Applications and Services, page 2-2](#)

### About Terminal Services

Do not use Terminal Services to install/upgrade the utility.

To eliminate remote access to the server during the installation/upgrade, disable Terminal Services before the utility installation/upgrade and reboot the server. You must enable Terminal Services after the installation/upgrade.

If you want to use Virtual Network Computing (VNC) to remotely install supported applications, see [Table 2 on page -ix](#) to obtain the latest version of the VNC document.

**Caution**

If you have installed VNC but do not plan to use it to perform the installation, disable it to prevent remote access to the server. If you do not disable VNC and a user/administrator accesses the server during the installation, the utility installation will fail.

Do not use Integrated Lights Out (ILO) to install or upgrade the utility. Cisco supports ILO for remote management and remote configuration tasks only.

## About Third-Party Applications and Services

Be sure to stop and disable all non-Cisco Unified CallManager applications and services before performing a BARS installation or upgrade. Failure to do so could interrupt the installation.

The following platform agents may interfere with the installation/upgrade: antivirus services, intrusion detection services, OEM server agents, server management agents, and VOIP monitoring/performance monitoring, or remote access/remote management agents. Disabling platform agents and services ensures that you do not encounter issues that are associated with these services.

If you installed Cisco IDS Sensor Host Agents on the server, locate the corresponding product documentation for procedures on disabling and stopping the services.

**Caution**

Remember to manually enable all services after the installation/upgrade completes.

## Installation Procedure




You can install BARS as a backup server (the server that will perform the backup procedure) on the following servers:

- Cisco Unified CallManager
- CER
- Servers with only OS installed (MSDE/SQL is installed). A prompt occurs during this type of installation that warns the user that backup/restore may fail if none of the supported applications (CCM/CER) is installed later.
- Servers with only OS installed (No MSDE/SQL installed)
- Standalone CRS (4.0 or later). Such setups allow backup and restore of CRS 4.0 and later only; be aware that other applications cannot be backed up or restored on these backup servers.

For detailed information about using BARS with CRS 4.5, refer to *Backup and Restore System for Cisco CRS 4.5, Version 4.0(9)*.

To install BARS, perform the following procedure:

### Procedure

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- Step 1** Two methods exist for obtaining BARS 4.0(11):
- Download BARS from the following URL:  
<http://www.cisco.com/cgi-bin/tablebuild.pl/cmva-3des>
-  **Tip** Before you can access the software download website, you must log in to [www.cisco.com](http://www.cisco.com) by entering your CCO username and password.
- 
- Insert your BARS-installation CD.
- Step 2** To launch the BARS installation process, run the BARS executable (.exe file).
- Step 3** Click **Next**.
- Step 4** Accept the license agreement and click **Next**.
- Step 5** The program now asks you to specify the purpose of this server:
- Backup server—This constitutes the default. Use this choice if the server where you are performing the BARS installation will perform the actual backup operation when you back up data.
  - Backup target—Choose this option if you want the server where you are performing the BARS installation to have its data backed up when the BARS backup process runs.
- You must choose this option if a backup server already exists.
- If you choose this option, a field displays where you enter the name of the server.
-  **Note** You must configure all backup targets as *data source servers* on the BARS administration configuration window. For more information, see the [“Configuring a Data Source Server” section on page 3-2](#).
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- Step 6** Click **Next**. The BackAdmin Password window displays.
- Step 7** Enter the Backadmin Private Password Phrase for the BackAdmin account.
- The installation uses the string that you enter to create a unique, encrypted password. You must enter the same phrase on the backup server and all backup targets.
- If the passwords do not match or if BARS cannot verify the passwords, you receive a warning message that asks whether you want to proceed. If you proceed and the passwords do not match, a message displays in the log file.
-  **Note** The Administrator and BackAdmin user passwords must match on the backup server and the backup target. BackAdmin passwords synchronize during BARS installation because servers have the same private phrase. Synchronizing the Administrator and BackAdmin passwords ensures a successful configuration, backup, or restoration, especially with the CER database.
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- Click **Next**.
- Step 8** Follow the instructions on the screen and complete the installation process.

**Step 9** When the process completes, reboot the server.

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**Note**

Find the installation log file, *BARSInstall mm-dd-yyyy hh.mm.ss.log*, in the folder: C:\Program Files\Common Files\Cisco\Log.

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## Procedure to Uninstall BARS

If you need to uninstall BARS, perform the following procedure:

### Procedure

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- Step 1** Choose **Start > Settings > Control Panel**.
  - Step 2** Double-click **Add/Remove Programs**.
  - Step 3** Click **Cisco Backup And Restore System**.
  - Step 4** Click **Remove**.
  - Step 5** Reboot the server and log in to the server by using the Administrator password.
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## Changing the Purpose of a Server

You can change a backup server to a backup target, or vice versa, but you must uninstall and then reinstall BARS on the server; you can then specify the purpose by clicking the **Backup Server** or **Backup Target** radio button during the reinstallation of BARS. If you change a backup target to a backup server, you must configure the backup settings on the backup server. If you change the backup server to a backup target, be aware that you must choose and configure another backup server for BARS to run.

## Determining Which Version of BARS Runs on Your System

To identify the version of BARS on your system, perform the following procedure:

### Procedure

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- Step 1** Invoke the main Backup and Restore System configuration window. To invoke this window, go to **Start > Programs > Cisco BARS > BARS Admin**.
  - Step 2** Click the **Details** button in the main configuration window, and the version of BARS displays.
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You should upgrade BARS when later versions become available on the web; always verify that you have the latest utility installed on the backup server before you perform an application upgrade. Before the application upgrade, always back up the data to a network directory or tape device. If you store the data on the local directory, the application upgrade may overwrite the data.

