



Installation Guide for Cisco Report Server

Release 2.1

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Installation Guide for Cisco Report Server

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Preface

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>



CHAPTER 1

Planning Your Installation

Cisco Report Server provides a web-based central repository for reports produced by various products, such as Cisco Application Analysis Solution and Cisco Network Planning Solution.

Installation Workflows

There are several possible workflows for installing Cisco Report Server, depending on your situation:

Use the following workflow to install Cisco Report Server:

- [First-Time Installation, page 1-2](#)—use this workflow to install Cisco Report Server for the first time.
- [Update Installation, page 1-2](#)—use this workflow to update from an earlier version of Cisco Report Server.

For additional information regarding software updates, known issues, and support information, please visit the Cisco Solutions Quick Support page (http://www.opnet.com/support/cisco_qsp.html).

First-Time Installation

You should perform a first-time installation only if no prior version of Cisco Report Server is installed.


Note

We recommend that you do the steps in the order listed in [Table 1-1](#).

Table 1-1 *First-Time Installation: Workflow*

	Description	Reference
Step 1	Determine the host computer	Selecting the Host Computer, page 1-3
Step 2	Verify system requirements	System Requirements, page 2-1
Step 3	Install Cisco Report Server	Installing Cisco Report Server (Windows), page 3-1 Installing Cisco Report Server (Linux), page 3-4

Update Installation

You should perform an update installation if you already have an earlier version of Cisco Report Server installed.

Release 2.1 is backward-compatible with Releases 2.0, 2.0.1, and 2.0.2. Most data from your existing installation can be migrated transparently to Release 2.1, including:

- Network models
- Automation tasks

Cisco Report Server reports can be migrated by using a single menu operation.


Note

We recommend that you perform the steps in the order listed in [Table 1-2](#).

**Caution**

If you plan to migrate data from an earlier version of Cisco Report Server, do not uninstall the previous installation prior to performing the migration. If you do, you will lose the data from the previous version.

Table 1-2 Update Installation: Workflow

	Description	Reference
Step 1	Verify system requirements	System Requirements, page 2-1
Step 2	Install current release of Cisco Report Server	Installing Cisco Report Server (Windows), page 3-1 Installing Cisco Report Server (Linux), page 3-4
Step 3	<i>(Optional)</i> Migrate existing Cisco Report Server reports	Migrating Data from a Previous Installation, page 3-5
Step 4	<i>(Optional)</i> Remove previous release of Cisco Report Server	Uninstalling Cisco Report Server (Windows), page 4-1 Uninstalling Cisco Report Server (Linux), page 4-2

Selecting the Host Computer

Before installing Cisco Report Server, select the computer where you want to install the software. The computer must meet the system requirements described in the [System Requirements](#) chapter.

After you complete this step, return to the [“Installation Workflows”](#) section on [page 1-1](#) and continue with the workflow you are following.



CHAPTER 2

System Requirements

This chapter describes the system requirements for Cisco Report Server. We recommend that, before you start to install Cisco Report Server, you verify that your computer hardware and software meet the requirements outlined in this chapter.

System Requirements

Table 2-1 System Requirements for Cisco Report Server

	Windows	Linux
Operating System¹	Windows XP Professional Windows XP Professional x64 Windows 2000 Professional Windows Server 2003 Windows Server 2003 x64 Windows 2000 Server	Red Hat Enterprise Linux 3 (v2.4 Linux kernel) Red Hat Enterprise Linux 4 (v2.6 Linux kernel)
Processor	Intel Pentium III, 4, or compatible, 1 GHz or better	
RAM	512 MB (minimum), 1 GB (recommended)	
Free Disk Space²	60 GB (minimum), 200 GB (recommended)	

1. Cisco Report Server is supported on the English-language version of Windows only.

2. Disk space requirements are highly dependent on the volume of report information stored on the report server and aging and report deletion policies.

Required Operating System Patches

Table 2-2 *Required System Patches for Cisco Report Server*

Vendor	Operating System	Patch Number/Name
Microsoft	Windows 2000 Professional	Service Packs 1, 2, and 4 are supported but not required.
	Windows XP Professional	Service Pack 1 is required; Service Pack 2 is supported but not required.

Browser Requirements

To view Cisco Report Server reports, you must use Internet Explorer 6.x or a compatible browser that supports Style Sheets.



CHAPTER 3

Installing Cisco Report Server

This chapter contains the following procedures:

- [Installing Cisco Report Server \(Windows\), page 3-1](#)
- [Installing Cisco Report Server \(Linux\), page 3-4](#)
- [Migrating Data from a Previous Installation, page 3-5](#)
- [Configuring Cisco Report Server, page 3-6](#)

Installing Cisco Report Server (Windows)



Note

You can install Cisco Report Server as either a service or an application. If you install it as a service, a user does not need to be logged on for Cisco Report Server to run, and Cisco Report Server starts and runs automatically when the host is rebooted. You can install Cisco Report Server as an application if the previous requirements do not apply or for debugging purposes. However, you must decide which method of operation you want to use before installing the Cisco Report Server. You cannot change the method after installation.



Caution

When selecting or creating the installation directory for Cisco Report Server, make sure the directory name DOES NOT contain spaces.

Installing Cisco Report Server (Windows)

-
- Step 1** Log in as Administrator.
- Step 2** Download the installer from the Cisco Software Center:
- Go to <http://www.cisco.com/public/sw-center/sw-netmgmt.shtml>.
 - Click on the **Network Analysis and Planning** link.
 - Expand the tree and select your product, either Cisco Application Analysis Solution 2.1 or Cisco Network Planning Solution 2.1.
 - Enter your user name and password when prompted. (You must have a valid service contract for the specified product to download Cisco Report Server.)
 - Specify the software type, platform, and release to reach the software download page.
 - Download the software (`crs-2.1-win-K9.exe`) and corresponding Readme for Cisco Report Server.
- Step 3** Use **Start > Run** and execute the installer (`crs-2.1-win-K9.exe`).
The Cisco Report Server installation wizard appears.
- Step 4** The *Introduction* panel appears. Press **Next** to continue.
- Step 5** The installer displays a panel to choose the installation path. Select a path and press **Next**.
- Step 6** By default, Cisco Report Server uses port 9090 for HTTP traffic and 8443 for HTTPS traffic. Determine if these ports are free. If either default port is in use, you must select a different (unused) port in [Step 7](#).
- Step 7** The installer displays a panel to select the HTTP/HTTPS ports and Keystore directory used by Cisco Report Server. Specify the desired ports and path (or leave the default settings).

**Note**

During the installation process, you are prompted to specify the Cisco Report Server ports for HTTP (default: 9090) and HTTPS (default: 8443), as well as the Keystore Directory (default: `<install_dir>\security`). Make a note of this information. You will need this information when installing or configuring applications that publish to the Cisco Report Server. The applications will refer to this port as the “Cisco Report Server port.”

After you set these fields, click **Next**.

- Step 8** The installer prompts you for the password for logging in to the Cisco Report Server. Enter the desired password and click **Next**.
- Step 9** The installer displays a panel asking whether you want to run Cisco Report Server as a Windows service.
- Set the checkbox to run Cisco Report Server as a Windows service.
 - Clear the checkbox to run Cisco Report Server as an application.

Then click **Next** to continue.



Note If you run Cisco Report Server as an application, Program Group shortcuts are provided to start and stop Cisco Report Server.

- Step 10** If you are installing Cisco Report Server to run as a Windows service, the installer displays a panel to ask whether you want to start the Cisco Report Server service after installation. Set the checkbox to start services after installation. Clear the checkbox to prevent the start of services after installation. Press Install to continue. An Installing Cisco Report Server panel appears.
- Step 11** From the Install Complete window, click **Done**.

This concludes the Cisco Report Server installation. Look at the following procedures and perform them if needed:

- [Migrating Data from a Previous Installation, page 3-5](#)
- [Configuring Cisco Report Server, page 3-6](#)

When you are finished with all Cisco Report Server installation procedures, return to the installation workflow and continue with the next step.

If you plan to access the Cisco Report Server through a firewall, make sure to open the port specified in the installation process to HTTP traffic in the firewall configuration. Also, if the computer on which you are installing the Cisco Report Server has a sleep/power save mode, make sure you turn off this sleep/power save mode. Otherwise, the Cisco Report Server will suspend operations when the computer goes into sleep or power save mode.

Installing Cisco Report Server (Linux)

**Caution**

When selecting or creating the installation directory for Cisco Report Server, make sure the directory name DOES NOT contain spaces.

Installing Cisco Report Server (Linux)

- Step 1** Log in as `root`.
- Step 2** Insert an installation DVD in your DVD-ROM drive. (You can install the DVDs in any order.)
- Step 3** Move to the `unix` directory on the DVD, which is typically `/mnt/cdrom/unix`.
- Step 4** Enter the following command:

```
./ReportServer_Cisco_25APL2_273_linux.bin
```
- Step 5** The installer displays a panel to choose the installation path. Select a path and press **Next**.
- Step 6** By default, Cisco Report Server uses port 9090 for HTTP traffic and 8443 for HTTPS traffic. Determine if these ports are free. If either default port is in use, you must select a different (unused) port in [Step 7](#).
- Step 7** The installer displays a panel to select the HTTP/HTTPS ports and Keystore directory used by Cisco Report Server. Specify the desired ports and path (or leave the default settings).

**Note**

During the installation process, you are prompted to specify the Cisco Report Server ports for HTTP (default: 9090) and HTTPS (default: 8443), as well as the Keystore Directory (default: `<install_dir>\security`). Make a note of this information. You will need this information when installing or configuring applications that publish to the Cisco Report Server. The applications will refer to this port as the “Cisco Report Server port.”

After you set these fields, click **Next**.

- Step 8** The installer prompts you for the password for logging in to the Cisco Report Server. Enter the desired password and click **Next**.

Step 9 From the Install Complete window, click **Done**.

This concludes the Cisco Report Server installation. Look at the following procedures and perform them if needed:

- [Migrating Data from a Previous Installation, page 3-5](#)
- [Configuring Cisco Report Server, page 3-6](#)

When you are finished with all Cisco Report Server installation procedures, return to the installation workflow and continue with the next step.

Migrating Data from a Previous Installation

If you want to retain information from previous versions of Cisco Report Server, you can migrate the previous data after installing the new version of Cisco Report Server. Use the following procedure to migrate the old data.



Caution

Migration of reports from previous versions of Cisco Report Server is supported. However, you must not uninstall the previous version of Cisco Report Server prior to performing the migration (described in the [“Migrating Data from a Previous Installation” section on page 3-5](#)). Doing so results in the loss of data from the previous version.



Note

Migration does not move old user data to the new installation. You must manually recreate user data.

Migrating Data from a Previous Cisco Report Server Version

Step 1 Install the newest version of Cisco Report Server.

Step 2 Log in to the new version of Cisco Report Server as an administrator.



Note To log in to Cisco Report Server for the first time, you can use one of three preconfigured accounts: *admin* (password specified during installation), *test1* (password: *test1*), or *test2* (password: *test2*).

- Step 3** Navigate to Settings > Migration.
- Step 4** Enter the name of the directory for the previous Cisco Report Server version in the space provided. For example:
- ```
C:\Cisco\Cisco Report Server 2.0.2\
ReportServer\2.0.2
```
- Step 5** Click the Verify button. The migration tool will check to see if the entry is a valid directory. If the specified directory is not found or does not have any reports, you will see a warning message and no migration is performed.
- Step 6** Select the checkbox to “Import Custom Folders and Filters”, if desired. This checkbox will cause the migration tool to import all previously created custom folders and filters. Not checking this box will not impact the migration of any reports, however.
- Step 7** Click Import to complete the migration or Cancel to quit.
- 

## Configuring Cisco Report Server

After you install Cisco Report Server, you must configure the administrative settings. For instructions on how to perform the following tasks, see the corresponding sections in the Cisco Report Server Administration chapter of the *Cisco Report Server User Guide*:

- To log in for the first time, see the “Logging in to Cisco Report Server” section.
- To set up user accounts and passwords, see the “User Administration” section.
- To set up secure communications for Cisco Report Server, see the “Secure Web Portal” section.

- *(Optional)* To change the activation period for the Cisco Report Server cleanup operation, see the “Setting the Activation Period” section.
- *(Optional)* To change the maximum age limit for reports on the Cisco Report Server, see the “Setting the Maximum Age Limit of Published Reports” section.





## CHAPTER 4

# Uninstalling Cisco Report Server

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This chapter contains the following sections:

- [Uninstalling Cisco Report Server \(Windows\)](#), page 4-1
- [Uninstalling Cisco Report Server \(Linux\)](#), page 4-2

## Uninstalling Cisco Report Server (Windows)

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- Step 1** Open the Windows Control Panel from the Start menu:  
**Start > Settings > Control Panel**
- Step 2** In the Windows Control Panel, double-click **Add/Remove Programs**.
- Step 3** Scroll down the list of installed programs, select the entry for the Cisco Report Server release you want to remove, and click **Remove**. For example, you might see the following entry:  
Cisco Report Server 2.1 - Cisco Report Server
- Step 4** Delete the corresponding install directory. Thus, if your version of Report Server is installed in `C:\Cisco\ReportServer\2.5.4`, delete the `2.5.4` directory.

**Note**

When you uninstall a previous release of Cisco Report Server, the Cisco Report Server service registered to the current release will be stopped. Use the Windows Service Manager to re-start the Cisco Report Server service.

## Uninstalling Cisco Report Server (Linux)

**Step 1** Log in as `root`.

**Step 2** Open a command prompt window.

**Step 3** Move to the parent directory of the Report Server installation. Thus, if you installed Report Server in `/opt/cisco`, enter the following command:

```
cd /opt/cisco
```

**Step 4** Enter the following command:

```
./ReportServer/2.5.4/UninstallerData/Uninstall_Cisco_Report_Server_2.1
```

**Note**

You must enter this command from the parent directory and specify the path name to the `UninstallerData` directory.

**Step 5** Delete the ReportServer directory by entering the following command:

```
rm -rf ReportServer
```

**Caution**

The following step will delete all the generated security keys for Report Server. Perform the following step **ONLY** if there are no other programs (such as Cisco Virtual Network Data Server) that are using the `Security` directory.

**Step 6** Delete the Security directory by entering the following command:

```
rm -rf Security
```



## Known Issues

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We highly recommend that you check, after installation and on a regular basis, for software updates and maintenance information of any software, documentation, model, or other components on <http://www.cisco.com/techsupport>.

You can search for additional online information regarding known product issues and workarounds on the Cisco Solutions Quick Support page ([http://www.opnet.com/support/cisco\\_qsp.html](http://www.opnet.com/support/cisco_qsp.html)).







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