



Cisco Report Server Readme

For Cisco Network Planning Solution 2.1, Cisco Network Planning Solution–Service Provider 2.1,
and Cisco Application Analysis Solution 2.1

Release 2.1

Americas Headquarters

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA

<http://www.cisco.com>

Tel: 408 526-4000

800 553-NETS (6387)

Fax: 408 527-0883

Customer Order Number:

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Readme

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Cisco Report Server *Readme*

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Cisco Report Server 2.1 Readme

This document summarizes the differences between Cisco Report Server (Cisco RS) Release 2.1 and Release 2.0.1. Release 2.1 is a full release that replaces existing 2.0 installations. If you are updating to Release 2.1, you should review this document.

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Installing Cisco Report Server 2.1

You can use the Cisco Report Server 2.1 with Cisco Network Planning Solution (Cisco NPS) 2.1 or Cisco Application Analysis Solution (Cisco AAS) 2.1. For detailed instructions on how to install the Release 2.1 software, refer to the instructions in the *Installation Guide for Cisco Report Server*. You can view an online version of this document at Cisco.com.

If you are using Cisco Report Server with Cisco AAS, go to:

http://www.cisco.com/en/US/products/ps6362/prod_installation_guides_list.html

If you are using Cisco Report Server with Cisco NPS installations, go to:

http://www.cisco.com/en/US/products/ps6363/prod_installation_guides_list.html

Release 2.1 Description

Release 2.1 provides enhancements to the existing capabilities of Cisco Report Server. It also implements suggestions and fixes to software problems reported in earlier releases. The following sections highlight the changes to Cisco Report Server that were introduced in Release 2.1.

Cisco Report Server 2.1 Release Notes

Cisco Report Server 2.1 is a software update to the previous release. This release contains new features and enhancements to existing capabilities. This release also implements suggestions and fixes many software problems reported in earlier releases.

This release includes the following enhancements:

- [Unique Identifiers for Reports](#) on page 4
- [Controlling User Access to Reports](#) on page 4
- [Secure Access to Cisco Report Server](#) on page 6
- [User Account Enhancements](#) on page 7
- [Migration History](#) on page 7
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- [Sorting Reports](#) on page 9
- [Relative Time Filters](#) on page 10

Unique Identifiers for Reports

When Cisco Report Server receives a report, a universally unique identifier (UUID) is generated for the report. This UUID lets you navigate directly to a report from within Cisco Report Server by entering the UUID in the Report ID field or through a URL. URLs can be copied and shared with other Cisco Report Server users to provide quick access to a specific report.

Controlling User Access to Reports

You can now control access to specified reports by username or role. The menu option Settings > Report Access Control lets you specify the type of reports to which you want to control access by selecting certain match criteria. You can then specify the users and/or roles that can view the reports. These selections are saved in an *access control statement*, which you can then apply, modify, or delete.

Figure 1 Report Access Control

The screenshot shows the 'Access Control Statements' configuration page. At the top, there is a 'Select Statement' dropdown menu with 'Add New Statem' selected, a 'Statement Name' text input field, and an 'Active' status dropdown. Below this is a 'Pre-fill By' dropdown menu with 'No Pre-fill' selected. The main configuration area is divided into three sections: 'Roles', 'Users', and 'Report Match Criteria'. The 'Roles' section has an 'Allowed' list on the left and an 'All' list on the right containing 'manager', 'admin', and 'guest'. The 'Users' section has an 'Allowed' list on the left and an 'All' list on the right containing 'test1', 'test2', and 'admin'. The 'Report Match Criteria' section has a blue header with the text 'Application(s)'. Navigation arrows (<< and >>) are located between the 'Allowed' and 'All' lists in both the Roles and Users sections.

Applying Access Control Statements

Access control statements (ACS) are applied to reports in the following ways:

- Automatically, when a report is received by Cisco Report Server—that is, published by clients
- Automatically, when the periodic Maintenance Task runs
- Automatically, whenever an ACS definition is saved (configurable option)
- Manually, by clicking the Apply Statements button on the Settings > Report Access Control page

Note—If a report matches the selection criteria for multiple access control statements, it gets the roles and/or users from all of them.

Note—The access control statements specified by Cisco Report Server supplement, rather than replace, any access control specified by the publishing client.

A report is only visible to a user if the access control setting for a report includes the username or one of the roles assigned to the user.

If a report is not protected by any access control statement, then it is visible either to all users or all administrators (users with the "admin" role). This is configured on the Settings > Report Access Control page.

Note—The default setup does not automatically give the "admin" role permissions to view all reports. If this is the desired behavior, then set the `template_all_admin` access control statement to active.

Viewing the Access Control for Reports

You can view the access control that is applied to a report by clicking on the View Access Control link in the Manage Reports menu.

Figure 2 View Access Control Link

The screenshot shows the 'Manage Reports' interface. A table lists several reports, each with a 'View Access Control' link. A red arrow points to this link in the first row. A red box highlights the link, and a red line connects it to a detailed view of the access control for the 'Network Report'.

Date/Time	Report Set	Report	Access Control	Delete	Update Deletion Date
January 5, 2005 4:20 AM	Network Difference	Ignore Hidden Nodes IGNORE	View Access Control	<input type="checkbox"/>	<input type="checkbox"/> month day year 01 25 2005
January 5, 2005 4:19 AM	Network Difference	Ignore Hidden Nodes DONT IGNORE	View Access Control	<input type="checkbox"/>	<input type="checkbox"/> month day year 01 25 2005
November 10, 2004 10:37 AM	WDM Guru Report	Bill-Of-Materials for to 100-18-parallelolconnections	View Access Control	<input type="checkbox"/>	<input type="checkbox"/> month day year 11 30 2004
August 22, 2004 10:49 AM	VNE Server Report	Network Report	View Access Control	<input type="checkbox"/>	<input type="checkbox"/> month day year 08 23 2004

Access Control for Report - Network Report		
Specified via	Type	Values
Publishing Client	Allowed roles	admin, default, manager
	Allowed users	
Report Server	Allowed roles	
	Allowed users	

OK

Secure Access to Cisco Report Server

Cisco Report Server now supports secure communication using SSL. New preferences let you specify the HTTPS port and location of the site certificate. When configured to use HTTPS, Cisco Report Server redirects users to the secure communications port.

If you use a URL to go directly to a report, you are required to log in to Cisco Report Server to view the report.

For more information about using secure communication, see [Secure Web Portal](#).

User Account Enhancements

User authentication is now supported in three ways:

- Local
- RADIUS
- TACACS+

If you use external authentication for users, that is, non-Local authentication, Cisco Report Server creates an account for the user automatically, if a corresponding account is not found. The automatically-created account has the default role of “guest.”

Note—Dialways 3.x Server is not supported for TACACS+ authentication.

For more information about how to configure authentication, see [User Administration](#) on page 4.

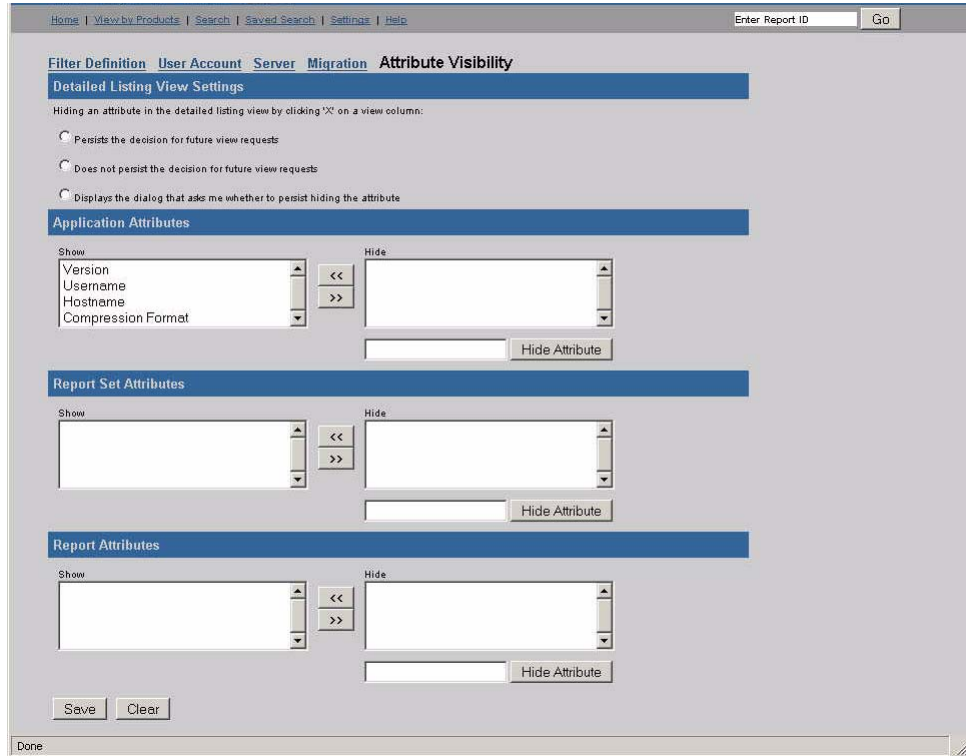
Migration History

When you migrate reports from another installation of Cisco Report Server (or a previous version), you can view a migration history. The history includes the timestamp of the migration, the directory from which the migration was done, and statistics on what was migrated.

Attribute Visibility

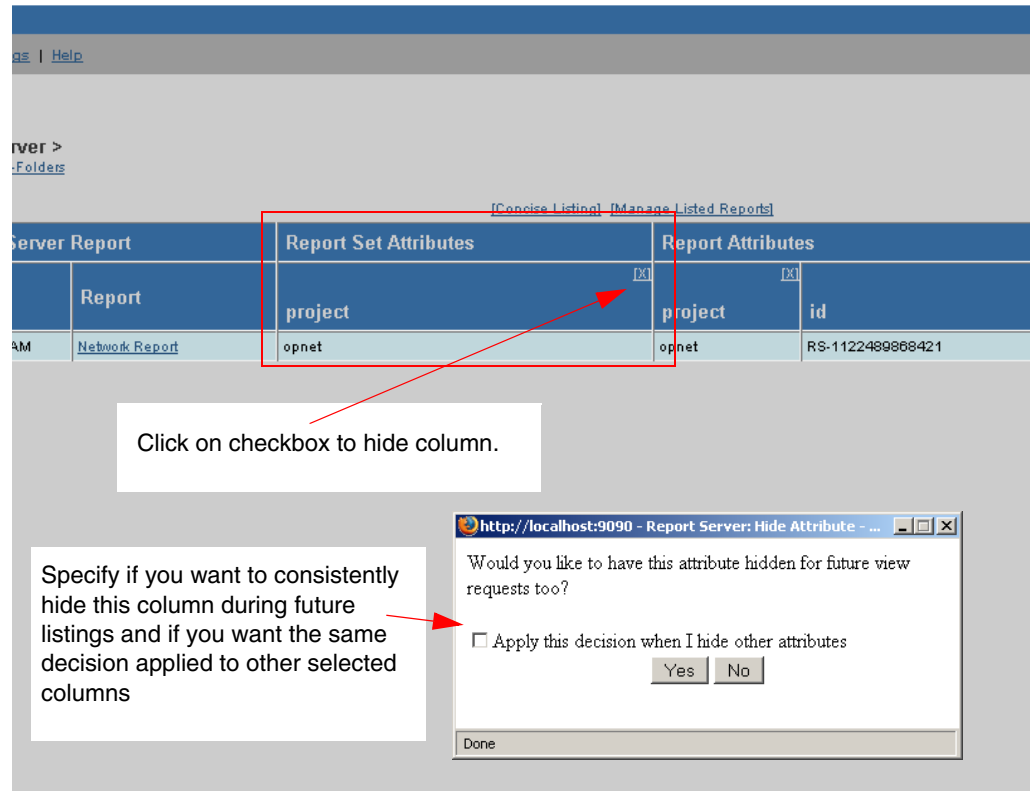
A new setting has been added that lets you specify which columns you want to show or hide in the Detailed Report Listing.

Figure 3 Attribute Visibility



Additionally, you can hide columns while viewing the detailed listing by selecting the checkbox in the column header.

Figure 4 Hide Columns in Listing



Sorting Reports

You can now sort your reports in the detailed listing by selecting the column header for the attribute on which you want to sort. The listing will then be sorted accordingly and the display will refresh.

Relative Time Filters

Relative time filters, that is, Today, Yesterday, Last N Days, are now relative to the current time rather than to the time at which the filter was created.

Previously, the behavior of report folders was static, that is, once reports were sent to a folder, they remained there unless you took actions to remove them. Now, if a folder has a relative time filter associated with it, its behavior changes. For example, for a folder with a time filter of “Today”:

- Cisco Report Server examines this folder periodically to make sure only those reports received today are in this folder.
- When you examine the folder tomorrow, you will only see reports that are received tomorrow, that is, those that are received today or earlier are removed from the folder.

Resolved Problems

None of the enhancements in release 2.1 address software problem reports (SPRs) from previous releases.

Known Issues

This release contains no known issues.