

Crystal Reports 8.0

Required NTFS File Permissions for Web Reporting

Overview

If you are running Windows NT Server with NTFS File Security, you must configure your system to work with Crystal Web Component Server. This document specifies the folders and rights required for the Web Component Server component to function.

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Introduction

If you are administering Crystal Reports on a Web server with the NTFS File System installed, you must set certain permissions for the folders listed in the following table. By doing this, you will ensure that you have granted users sufficient access when viewing reports through a web browser.

NOTE	The "Crystal Reports Directory" reference means the directory where Crystal Reports 8 is installed. By default, this directory will be C:\Program Files\Seagate Software\Crystal Reports\
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Directory on Web Server	NT Account	Required Access
Root (C:\)	IUSR_(Server name)	Read (RX) (RX)
	System	Read (RX) (RX)

The root directory is required for the Crystal Web Component Server, Report Designer Component or Crystal Automation Server to be allowed to execute on the file system, and access the directory tree for what it needs to launch.

Seagate Crystal Reports Web Reporting Directory	IUSR_(Server name)	Read (RX) (RX)
	System	Read (RX) (RX)

The Crystal Reports directory is the directory to which Crystal Reports installed. This directory houses the Crystal Web Reporting Engine (wcsinsapi.dll), the Crystal Reports Page Server (Pageserver.exe), and the Crystal Web Component Server (Webcompserver.exe). By default, this directory is C:\Program Files\Seagate Software\WCS\.

\Viewers	IUSR_(Server name)	Read (RX) (RX)
	System	Read (RX) (RX)

The Viewer directory contains the Crystal Report Viewers and their components. By default, this directory is installed as c:\Program Files\Seagate Software\Viewers\.

\Cache	IUSR_(Server name)	Special Access (RWXD) (RX)
	System	Special Access (RWXD) (RX)

The Cache directory is used to house temporary files used by the Crystal Web Component Server to serve reports to the browser. By default this directory is located at c:\Program Files\Seagate Software\WCS\Cache\.

\Reports and subdirectories	IUSR_(Server name)	Read (RX) (RX)
	System	Read (RX) (RX)

The reports directory is used to house the sample web reports that are (optionally) installed with Crystal Reports 8. These sample web reports can be accessed at <http://Machinename/scrreports>. By default this directory is located at C:\Program Files\Seagate Software\Crystal Reports\Samples\Reports\.

\Code\Web and subdirectories	IUSR_(Server name)	Read (RX) (RX)
	System	Read (RX) (RX)

The reports directory is used to run the sample web reports that are (optionally) installed with Crystal Reports Professional. These sample web reports can be

accessed at <http://Machinename/scrsamples> . By default this directory is located at C:\Program Files\Seagate Software\Crystal Reports\Samples\Code\Web.

NOTE	It is actually recommended that you simply provide Read (RX) access to the entire c:\Program Files\Seagate Software\ directory and all its subdirectories. However, if you do this, you must make sure that the Cache directory, C:\Program Files\Seagate Software\WCS\Cache has Read\Add access granted.
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Physical directory where reports (.rpt files) and Active Server Pages (.asp) are stored.	IUSR_(Server name)	Read (RX) (RX)
	System	Read (RX) (RX)

This physical directory is contains your report files along with the ASP files used to serve reports over the web through the Crystal Automation Server. It is also necessary to have access to this directory so that Asp.dll can process the .asp files.

\Winnt\System32	IUSR_(Server name)	Read (RX) (RX)
	System	Read (RX) (RX)

The Winnt\System32 directory contains the Crystal Report Print Engine (Crpe32.dll) and other support components used to create the report for preview.

\Winnt\Crystal	IUSR_(Server name)	Read (RX) (RX)
	System	Read (RX) (RX)

The \Winnt\Crystal directory contains the Crystal Reports database drivers (P2*.DLL) to refresh the report data from the database, as well as the Crystal Reports export drivers .

System Temp Environment Variable directory	IUSR_(Server name)	Change Permissions (P)
	System	Change Permissions (P)

The System Temp Environment variable directory is the directory where temporary files are sent by the operating system, and is used by the Crystal Report Print Engine. When creating a report, the print engine must write temporary files. It is advised that a System Temp Environment variable is added, or the application path will be used (\WinNT\System32)

\\Winnt\System32\Inetsrv\	IUSR_(Server name)	Read (RX) (RX)
	System	Read (RX) (RX)

The \\Winnt\System32\Inetsrv directory contains Asp.dll. Asp.dll is the component that parses Active Server Pages and executes the script on the web server.

NOTE	If you are using a Client/Server SQL database such as Microsoft SQL Server or Oracle then the database client utilities/components must be installed on the Web Server machine. This means that the database client components (DLLs) required to connect to the database server must be available to the IUSR_(Server name) and the System account. So, make sure that the directories that the client components are in have Read (RX) (RX) for both the IUSR and System accounts.
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Contacting Crystal Decisions for Technical Support

We recommend that you refer to the product documentation and that you visit our Technical Support web site for more resources.

Self-serve Support:

<http://support.crystaldecisions.com/>

Email Support:

<http://support.crystaldecisions.com/support/answers.asp>

Telephone Support:

<http://www.crystaldecisions.com/contact/support.asp>