

Crystal Reports 6.0

Required NTFS File Permissions for Web Reporting

Overview

It is necessary that you apply certain permissions to the directory structure of your web server computer so that the Web Report Server can function correctly. This document specifies the folders and permissions required for the Web Reports 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 7.0 Professional is installed. By default, this directory will be Drive:\Program Files\Seagate Software\Crystal Reports\
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Directory on Web Server	NT Account	Required
Root (C:\)	IUSR_(Server name)	Read (RX) (RX)
	System	Read (RX) (RX)

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

Crystal Reports 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 (CRWeb.DLL) and the Crystal Reports Page Server (CRpgsvr.exe). By default, this directory is c:\Program Files\Seagate Software\Crystal Reports

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

The viewer directory contains the Crystal Smart Viewer components. By default, it is installed as c:\Program Files\Seagate Software\ Viewers

\cachedir	IUSR_(Server name)	Special Access (RWXD) (RX)
	System	Special Access (RWXD) (RX)
The cachedir directory is used to house temporary files used by the Crystal Web Reports Server to serve reports to the browser. By default this directory is located at c:\Program Files\Seagate Software\Crystal Reports\CacheDir \reports 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/srreports>.

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 the 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 the 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_Machinename 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>