



Crystal Reports Server 2008 V1 Quick Installation Guide for Windows

- Crystal Reports Server 2008 V1

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Introduction to Crystal Reports Server 2008 V1

What is Crystal Reports Server 2008 V1?

Crystal Reports Server 2008 V1 is a complete reporting solution that enables you to create, manage, and deliver Crystal reports over the web. It is built on SAP BusinessObjects Enterprise platform. It includes a report publisher and a web portal interface that is used to view reports. It also includes Software Development Kit (SDK) that enables you to customize Crystal Reports Server 2008 V1 and integrate it with custom applications.

Crystal Reports Server 2008 V1 can be installed on a single system for up to 20 end users to concurrently access, view, and interact with reports over the web without installing Crystal Reports on their systems. It enables you to store reports in a central database to ensure security and data integrity. Users can access reports by using the web portal.

With Crystal Reports Server 2008 V1, you can control user access to specific folders and reports. You can also specify rights for users or groups to perform tasks such as scheduling and exporting reports.

Who is Crystal Reports Server 2008 V1 for?

Crystal Reports Server 2008 V1 is ideal for organizations that need to deliver reports over the web for smaller audiences. It does not allow you to deal with multiple servers and complex configurations. All components are installed on a single server, which enables you to install and set up the solution quickly.

The quick setup allows you to start using the software to increase the report development productivity and data security immediately.

About this documentation

This documentation provides you with information and procedures for installing Crystal Reports Server 2008 V1. It also includes an overview of Crystal Reports Server 2008 V1 with details about how it is built on the proven Business Intelligence platform, SAP BusinessObjects Enterprise.

This document describes how to perform a quick installation of Crystal Reports Server 2008 V1.

Who should read this documentation?

This documentation is intended for system administrators, IT professionals, or database administrators, who need to install Crystal Reports Server 2008 V1. Familiarity with the database environment and web server software is beneficial.

Crystal Reports Server 2008 V1 guides

The following table provides a list of Crystal Reports Server 2008 V1 guides and a brief description of them:

Guide	Description
Crystal Reports Server 2008 V1 Installation Guide	This guide describes how to run the setup program and complete the installation of Crystal Reports Server 2008 V1. There are Linux and Windows versions of this guide available.
Crystal Reports Server 2008 V1 Upgrade Guide	This guide provides the upgrade scenarios for Crystal Reports Server 2008 V1 from the earlier versions.
Crystal Reports Server 2008 V1 Release Notes	This guide describes fixed and known problems in the Crystal Reports Server 2008 V1 release, and also describes what's new in Crystal Reports Server 2008 V1.
Crystal Reports Server 2008 V1 Getting Started Guide	This guide introduces Crystal Reports Server 2008 V1 components and describes how to work with them.
Crystal Reports Server 2008 V1 Quick Installation Guide	This guide describes how to run the quick install setup program and complete the installation of Crystal Reports Server 2008 V1. There are Linux and Windows versions of this guide available.
White Paper on WACS Administration and Deployment	This document elaborates the steps required to create a WACS instance, deploy different applications, and perform debugging.

For a complete list of all of our product documentation visit:

<http://help.sap.com/>

Preparing to install Crystal Reports Server 2008 V1

Crystal Reports Server 2008 V1 is a server-side installation. You can install it on one central server rather than on each client system. You can access Crystal Reports Server from any client system by using InfoView.

Before you begin the installation, ensure that the necessary components are installed and configured correctly. For more information, see [System requirements](#) on page 9.

For information on performing a basic installation, see [Performing a new installation of Crystal Reports Server 2008 V1](#) on page 10.

For information on configuring a separate database for Crystal Reports Server 2008 V1 before you begin your installation, see [Configuring the existing database server](#) on page 14.

System requirements

The following components must be installed and configured correctly on the server before you install Crystal Reports Server 2008 V1:

- Windows operating system
- Internet Explorer
- Web server software

For a detailed list of tested environments, see the Platforms.txt file included with the product distribution. This file includes information about specific version and Service Pack requirements for web servers, web browsers, web application servers, databases, and operating systems.

For information on deployment, see *Crystal Reports Server 2008 V1 Release Notes* included with the product distribution.

Installing on a non-system drive

You can install Crystal Reports Server 2008 V1 on any drive in your system. The installation program targets the folder or directory that you specify. However, there is an exception to this rule: If you have installed another SAP BusinessObjects product of the same version, then the Crystal Reports Server 2008 V1 setup program automatically uses the existing common directory to add any shared SAP BusinessObjects product files. If this common directory is on the system drive, the drive containing your operating system files automatically installs the shared files in this directory.

To install several SAP BusinessObjects products on a non-system drive, you must first install Crystal Reports Server 2008 V1. All SAP BusinessObjects products that you subsequently install will use the same non-system drive for the shared files.

Performing a new installation of Crystal Reports Server 2008 V1

To install Crystal Reports Server 2008 V1, perform the following steps:

1. If Autorun is not enabled for your CD-ROM, run `setup.exe` from the root folder of the product distribution.

The "Open file: Security Warning" dialog box appears with the following message: Do you want to run this file?

2. Click **Run**.
The "Crystal Report Server 2008 V1 Setup" screen appears.
3. Select the language that you want the Setup program to use.

Note:

This setting is used only by the Setup program during the installation. You can select languages to be installed on your new Crystal Reports Server 2008 V1 later.

4. Deselect **Create log file during installation** if you do not want the installer to create a log file.

The log file is created at: `<INSTALLDIR>\BusinessObjects Enterprise 12.0\Logging\BOEInstall_X.log`.

5. Click **OK**.

The "Welcome to the Crystal Reports Server 2008 V1 Installation Wizard" screen appears.

6. Click **Next**.

The "License Agreement" screen appears.

7. Select **I accept the License Agreement**, and click **Next**.

The "User Information" screen appears.

8. Enter the "Full Name", "Organization," and "Product Keycode", and click **Next**.

Note:

The "Organization" field is optional.

The "Choose Language Packs" screen appears.

9. Select the language packs you want to install, and click **Next**.

Note:

- English is mandatory because it is used as a back-up language if a problem with a language pack is detected. English cannot be deselected. You can select **All Languages**, if you want to install all available language packs.
- You can also add language packs after installing Crystal Reports Server 2008 V1.

The "Install Type" screen appears.

10. Select one of the following options:

- **Install MySQL Database Server**, if you do not have a database server.
- **Use an existing database server**, if you want to use the existing database server.

For information and instructions on how to use an existing database server, see [Configuring the existing database server](#) on page 14.

11. Select **Enable servers upon installation**, if you want to launch Crystal Reports Server 2008 V1 automatically once the installation process is complete. Use **Browse** to specify the "destination folder."

12. Click **Next** to continue with the installation.

The "Server Components Configuration" screen appears.

13. In the "Server Components Configuration" screen, specify a port number in the "CMS port" field.

The default CMS port number is 6400.

14. Specify a password for the CMS administrator account in the "Password" and "Confirm password" fields.

Tip:

You can opt to skip this step by selecting the **Configure the Crystal Reports Server 2008 Administrator password at a later time** option.

15. Click **Next**.

The "Server Intelligence Agent" screen appears.

16. Specify the node name and the port number in "the Node Name" and "Port" fields.

17. Click **Next**.

Note:

The "CMS Database Information" screen appears if you have chosen to configure the existing database server. For more information, see [Configuring the existing database server](#) on page 14.

The "MySQL Database Server Configuration" screen appears.

18. Specify a new port number for the MySQL database server in the "MySQL Port Number" field if the default port is not available.

The default port number is 3306.

19. Specify a password for the MySQL root user account in the "Password" and "Confirm password" fields in the "MySQL root User Account" pane.

20. Specify a password for the MySQL BusinessObjects user account in the "Password" and "Confirm password" fields in the "MySQL BusinessObjects User Account" pane, and click **Next**.

The "Select Web Application Server" screen appears.

21. Select **Java Web Application Server** and a deployment option, and then select **IIS Web Application Server (ASP.NET v1.1 is required)**. You must select a website from the "Deploy to the following website" drop-down list.

The following deployment options are supported:

- **Deploy the applications in Web Application Container Server (WACS).**
 - a. Click **Next**.

The "Web Application Container Server Configuration" screen appears.

- b. In the "Web Application Container Server Configuration" screen, enter a new port number in the "HTTP Port" field to change the default HTTP port number for the WACS server. The default "HTTP Port" number is 6405.

The "Start Installation" screen appears.

- **Install Tomcat application server and deploy to it.**

- a. Click **Next**.

The "Configure Tomcat " screen appears.

- b. In the "Configure Tomcat" screen, enter new port numbers for Connection port, Shutdown port, and Redirect port, if required.

Note:

If the port numbers you specified are in use, a warning message is displayed. To continue, you must specify valid port numbers that are not in use.

The "Start Installation" screen appears.

- **Automatically deploy to a pre-installed Web Application Server. Please choose one from the following list.**

- a. Click **Next**.

The "Configure Web Application Server" screen appears.

- b. In the "Configure Web Application Server", enter configuration information about the existing web application server, and click **Next**.

The "Start Installation" screen appears.

- **I will deploy the web components after installation.**

- a. Click **Next**.

The "Start Installation" screen appears.

- 22. In the "Start Installation" screen, click **Next**.

The installation of Crystal Reports Server 2008 V1 begins.

- 23. Click **Finish**.

The new installation of Crystal Reports Server 2008 V1 is complete.

Configuring the existing database server

The "CMS Database Information" screen appears if you choose to use an existing database server as the CMS for the new Crystal Reports Server 2008 V1 installation.

To configure the existing database server, perform the following steps:

1. Select a database type from the **Select existing CMS database** drop-down list in the "CMS Database" pane.

Depending on the database server you selected, the corresponding input fields are displayed in the "CMS Database" pane.

2. Provide the required information in the appropriate fields.

The following table summarizes information required for each database type:

Database type	Information required at install time
MySQL	<ul style="list-style-type: none"> • Database: MySQL database name • Server: MySQL server name • Port: default port is 3306 • Login credentials used to access database

Database type	Information required at install time
Sybase	<ul style="list-style-type: none"> • Server: Sybase Server Name • Login credentials used to access database <p>Note: The Sybase server name is a combination of the host name and the port number, which is set by your database administrator in the <code>sql.ini</code> file.</p>
DB2	<ul style="list-style-type: none"> • Server: DB2 database alias • Login credentials used to access database
Oracle	<ul style="list-style-type: none"> • Server: tnsnames connect identifier • Login credentials used to access database
Microsoft SQL Server	<ul style="list-style-type: none"> • ODBC DSN

3. Select **Reset existing database** to delete all current tables and entries in the existing database.
4. Click **Next** to continue with the installation setup.

The "Select Web Application Server" screen is displayed. This screen appears only if a connection is established with the database configuration that you provided.

After performing the above-mentioned steps, go back to [Performing a new installation of Crystal Reports Server 2008 V1](#) on page 10, and continue the installation procedure.

Selecting the Tomcat Application Server configuration option

If you are using a pre-installed Tomcat Application Server, follow the steps mentioned below to configure:

1. In the "Select Web Application Server" screen, select **Automatically deploy to a pre-installed Web Application Server. Please choose one from the following list.**
2. Select the Tomcat Application Server from the list and click **Next**.
The "Configure Web Application Server" screen appears.
3. Enter the "Server Instance" and "Service Name".
4. Navigate to the location of the folder where the Tomcat Application Server is installed.
5. Click **Next**.
The "Start Installation" screen appears.
6. Click **Next**.
The installation of Crystal Reports Server 2008 V1 begins.
7. Click **Finish** after the installation is completed.
The new installation of Crystal Reports Server 2008 V1 is complete.

Performing client tools installation

To install Crystal Reports Server 2008 V1 Client Tools, perform the following steps:

1. If Autorun is not enabled for the CD-ROM, run `setup.exe` from the root folder of the product distribution.
The "Open file: Security Warning" dialog box appears with the message:
Do you want to run this file?
2. Click **Run**.
The "Crystal Report Server 2008 V1 Client Tools Setup" screen appears.
3. Select the language for the installation setup from the drop-down list, and click **OK**.

The "Welcome to the Crystal Reports Server 2008 V1 Client Tools Installation Wizard" screen appears.

4. Click **Next** to proceed with the installation.

Note:

Click **Cancel** to terminate the installation.

The "License Agreement" screen appears.

5. Select **I accept the License Agreement**, and click **Next**.

The "Choose Language Packs" screen appears.

6. Select the Language Packs you want to install with the client tools, and click **Next**.

The following language packs are available for installation:

- English
- French
- Japanese
- German
- Spanish
- Italian
- Chinese Simplified
- Chinese Traditional
- Korean
- Dutch
- Swedish
- Portuguese (Brazil)
- Danish
- Norwegian
- Polish
- Russian
- Thai

Note:

English is mandatory because it is used as a back-up language if a problem with a language pack is detected. English cannot be deselected. You can select **All Languages**, if you want to install all available language packs.

The "Directory Selection" screen appears.

7. Specify the installation directory for the client tools in **Destination Folder**, and click **Next**.

Note:

If the installer finds another instance of SAP BusinessObjects product already installed on the system, then the client tools will be installed to that directory.




The "Select Features" screen appears.




8. Select the feature you want to install under the Crystal Reports Server 2008 V1 Client Tools node.

Note:

Click '+' to expand the node.

You can do any of the following:

- Specify that the selected feature must be installed on the local hard drive. Click the  icon to perform this activity.
- Specify that the selected feature and its subfeatures must be installed on the local hard drive. Click the  icon to perform this activity.
- Specify that a selected feature and its subfeatures must not be installed. Click the  icon to perform this activity.

Icon	Description
	The feature and only the subfeatures you select will be installed on the local hard drive specified in the Setup program.
	The feature and all its subfeatures will be installed on the local hard drive you specified.
	The feature or subfeatures is either unavailable or will not be installed.

The following steps are optional:

- a. Click **Disk Cost** to calculate if sufficient disk space is available for the selected features.

A "Crystal Reports Server 2008 V1 Client Tools Setup" screen displays the storage space available on the local machine and mapped network drives. Drives that do not have enough disk space for the currently

selected features are highlighted. Click **OK** to return to the "Select Features" screen.

b. Click **Reset** to revert to the original configuration of the feature list.

9. Click **Next**.

The "Start Installation" screen is displayed.

10. Click **Next**.

The installation process begins.

11. Click **Finish** when the installation is complete.

Crystal Reports Server 2008 V1 Product Information

Crystal Reports Server 2008 V1 components

This section provides a brief overview of the Crystal Reports Server 2008 V1 components and where to find more information about them. Crystal Reports Server 2008 V1 includes the following components:

- Business View Manager

Business View Manager enables you to design relational views of information that provides a wide range of capabilities for creating and modifying Data Connections, Dynamic Data Connections, Data Foundations, Business Elements, and Business Views.

For more information on Business View Manager, see *Business Views Administrator's Guide*.

- InfoView

InfoView is a web application that provides access to Crystal reports that are published to Crystal Reports Server 2008 V1. InfoView enables you to view, schedule, export, and save Crystal reports.

For more information on InfoView, see *BusinessObjects Enterprise InfoView User's Guide*.

- Central Configuration Manager

The Central Configuration Manager (CCM) is a server management tool that enables you to configure each of your Crystal Reports Server 2008 V1 components. This tool also enables you to start, stop, enable, and disable servers. In addition, you can use this tool to view and configure advanced server settings.

For more information on Central Configuration Manager, see *BusinessObjects Enterprise Administrator's Guide*.

- Central Management Console

The Central Management Console (CMC) is a web application that enables you to manage the Crystal Reports Server 2008 V1 environment. You can use this application to manage users, content, and servers. You can also use the CMC to stop, enable, and configure servers.

For more information on Central Management Console, see *BusinessObjects Enterprise Administrator's Guide*.

- Import Wizard

The Import Wizard is a locally installed tool that enables administrators to import users, groups, folders, and reports from an existing BusinessObjects Enterprise, Crystal Enterprise, or Crystal Info implementation to Crystal Reports Server 2008 V1.

For more information on Import Wizard, see *BusinessObjects Enterprise Administrator's Guide*.

- Publishing Wizard

The Publishing Wizard is a locally installed tool that enables administrators and users to add Crystal reports to Crystal Reports Server 2008 V1.

For more information on Publishing Wizard, see *BusinessObjects Enterprise Administrator's Guide*.

- Data Source Migration Wizard

The Data Source Migration Wizard is a tool that enables you to migrate Crystal reports that are based on Crystal queries, dictionaries, and Business Views to Crystal Reports Server 2008 V1.

For more information on Data Source Migration Wizard, see *Data Source Migration Wizard Help*.

- Diagnostic Tool

The Deployment Diagnostic Tool is a Java-based application designed to verify basic operating functionality of a Crystal Reports Server 2008 V1 installation. It is an open-framework utility that allows for the development of additional test drivers through the use of various SDKs provided by SAP BusinessObjects.

For more information on Diagnostic Tool, see *BusinessObjects Enterprise XI 3.1 Deployment Diagnostic Tool User's Guide*.

- Software Inventory Tool

The Crystal Reports Server Software Inventory Tool is a Java-based maintenance tool available to administrators. It creates and maintains an inventory of all changes made to Crystal Reports Server 2008 V1 via the installers and allows users to view these changes.

For more information about the Software Inventory Tool, see the *BusinessObjects Enterprise Software Inventory Tool User's Guide*.

For more information on using Crystal Reports Server 2008 V1, see *BusinessObjects Enterprise Administrator's Guide*.

More Information

Information Resource	Location
SAP BusinessObjects product information	http://www.sap.com
SAP Help Portal	<p>Select http://help.sap.com > SAP BusinessObjects.</p> <p>You can access the most up-to-date documentation covering all SAP BusinessObjects products and their deployment at the SAP Help Portal. You can download PDF versions or installable HTML libraries.</p> <p>Certain guides are stored on the SAP Service Marketplace and are not available from the SAP Help Portal. These guides are listed on the Help Portal accompanied by a link to the SAP Service Marketplace. Customers with a maintenance agreement have an authorized user ID to access this site. To obtain an ID, contact your customer support representative.</p>

Information Resource	Location
<p>SAP Service Marketplace</p>	<p>http://service.sap.com/bosap-support > Documentation</p> <ul style="list-style-type: none"> • Installation guides: https://service.sap.com/bosap-instguides • Release notes: http://service.sap.com/releasenotes <p>The SAP Service Marketplace stores certain installation guides, upgrade and migration guides, deployment guides, release notes and Supported Platforms documents. Customers with a maintenance agreement have an authorized user ID to access this site. Contact your customer support representative to obtain an ID. If you are redirected to the SAP Service Marketplace from the SAP Help Portal, use the menu in the navigation pane on the left to locate the category containing the documentation you want to access.</p>
<p>Developer resources</p>	<p>https://boc.sdn.sap.com/ https://www.sdn.sap.com/irj/sdn/businessobjects-sdklibrary</p>
<p>SAP BusinessObjects articles on the SAP Community Network</p>	<p>https://www.sdn.sap.com/irj/boc/businessobjects-articles</p> <p>These articles were formerly known as technical papers.</p>
<p>Notes</p>	<p>https://service.sap.com/notes</p> <p>These notes were formerly known as Knowledge Base articles.</p>
<p>Forums on the SAP Community Network</p>	<p>https://www.sdn.sap.com/irj/scn/forums</p>

Information Resource	Location
<p>Training</p>	<p>http://www.sap.com/services/education</p> <p>From traditional classroom learning to targeted e-learning seminars, we can offer a training package to suit your learning needs and preferred learning style.</p>
<p>Online customer support</p>	<p>http://service.sap.com/bosap-support</p> <p>The SAP Support Portal contains information about Customer Support programs and services. It also has links to a wide range of technical information and downloads. Customers with a maintenance agreement have an authorized user ID to access this site. To obtain an ID, contact your customer support representative.</p>
<p>Consulting</p>	<p>http://www.sap.com/services/bysubject/businessobjectscounseling</p> <p>Consultants can accompany you from the initial analysis stage to the delivery of your deployment project. Expertise is available in topics such as relational and multidimensional databases, connectivity, database design tools, and customized embedding technology.</p>

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