

Crystal Reports Server XI Release 2 SP4 for Linux

Supported Platforms

Overview

This document lists specific platforms and configurations for the Crystal Reports Server XI Release 2 SP4 for Linux.

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Introduction

This document contains information specific to platforms and configurations for the Crystal Reports Server XI Release 2 SP4. For the latest information on updates to this document, please visit the [Business Objects Articles](#) web site.

NOTE	Anything that is highlighted using red font indicates that it is an update, addition or correction made after the original release of this document.
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Products

Desktop Products

Desktop products are only available on Windows. Please go to the [Business Objects Articles](#) web site and refer to the platforms document corresponding to this operating system for a detailed list of the supported languages and platforms.

Server Products

- Crystal Reports Server XI R2

Languages

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

Supported Operating Systems

- Red Hat 4.0 Advanced Server
- Red Hat 4.0 Enterprise Server (1)
- SuSE Linux 9.0 Enterprise Server

(1) Install workaround required. Refer to Business Objects Note [1199066](#).

Minimum Hardware Requirements for Crystal Reports Server XI R2

- 700-MHz Pentium III-class processor
- 2 GB RAM
- 4 GB hard disk space for complete install
- 2 GB hard disk space for patch install
- 0.2 GB hard disk space for BusinessObjects Live Office

Note: Linux support is on 32-bit and 64-bit versions of Linux operating system. 32-bit Linux which are supported by Crystal Reports Server are ones that operate on either 32 or 64-bit (x64) AMD/Intel chipsets. 64-bit Linux which are supported by Crystal Reports Server are ones that operate on 64-bit (x64) AMD/Intel chipsets. Crystal Reports Server software for Linux is not warranted or supported for use on other chipsets.

Minimum Patch Level for Red Hat 4.0

Required minimum operating system install plus:

- compat-libstdc++-33-3.2.3-47.3.i386.rpm

Minimum Patch Level for SLES 9.0

No additional components outside the minimum.

Higher patches are supported by BusinessObjects.

Supported Locales

Language	RedHat/SuSE Locales
English	en_US.utf8
French	fr_FR.utf8
Japanese	ja_JP.utf8
Simplified Chinese	zh_CN.utf8
German	de_DE.utf8
Italian	it_IT.utf8
Spanish	es_ES.utf8
Dutch	nl_NL.utf8
Korean	ko_KR.utf8
Traditional Chinese	zh_HK.utf8
	zh_TW.utf8
Swedish	sv_SE.utf8
Polish	pl_PL.utf8
Portuguese	pt_BR.utf8
Russian	ru_RU.utf8

Please consult your Linux distribution locale documentation on how to install these on your operating system.

Supported Application Servers

Application Servers	JDK
JBoss 4.0.4	JDK 1.4.2_xx
OAS 10G Rel.2 (10.1.2)	JDK 1.4.2_xx
Tomcat 5.0.27	JDK 1.4.2_13+
	JDK 1.5.0_xx
Tomcat 5.5	JDK 1.5.0_xx
WebLogic 8.1 SP4	JRockit 1.4.2_xx (1)
WebLogic 9.2	JRockit 5.0+ (2) (3)

Application Servers	JDK
WebSphere 5.1.1.x (excluding 5.1.1.4)	JDK 1.4.2_xx
WebSphere 6.0.2.x	JDK 1.4.2_xx
WebSphere 6.1.0.7	JDK 1.5.0_xx

- (1) Not supported for Red Hat 4.0.
- (2) For WebLogic 9.2 running on Red Hat 4, the minimum requirement is 4.0 update 1 with glibc 2.3.4-2.9 and BEA JRockit 5.0 (R26.0.0) JDK (32-bit) and later.
- (3) WebLogic 9.2 running on SuSe, the minimum requirement is SuSE 9.0 SP3 with BEA JRockit 5.0 (R26.0.0-189_CR269406) JDK (32 bit) and later.

Note: Due to security vulnerabilities identified by the SANS Institute in JDK/JRE versions 1.4.2_12 and lower, Crystal Reports Server XI Release 2 SP4 will ship with 1.4.2_13. It is recommended that any JVM be updated to a minimum of 1.4.2_13.

Application Server Incremental Release Support Policy

Specified application servers versions have been successfully tested by BusinessObjects. Incremental releases of the specified versions defined by the last number in the application server name will be supported as they are made available, but may not have been tested by BusinessObjects. Exceptions in support will be documented.

JDK Version Support Policy

JDK major versions are specified to ensure the use of correct version when the vendor provides multiple choices. BusinessObjects tests and supports any _x release installed with a given application server.

Support of WebSphere and WebLogic Editions

Network Editions of the Applications Server listed above are NOT supported. The Express Edition of WebSphere and WebLogic application servers are supported.

WebSphere 5.1.1.4 is not supported

Several issues have been found when applying the cf4 patchset for WebSphere 5.1.1. In consequence, BusinessObjects will not support this particular version of WebSphere. All other 5.1.1x versions are supported.

HTTP Servers

Any supported by Application Server vendor.

Supported Portal Servers

- Oracle Portal Server 10g R2 (10.1.2) (JSR 168)
 - WebLogic Portal 8.1 SP4 (1) (JSR 168)
 - WebLogic Portal 9.2 (JSR 168)
 - WebSphere Portal 6 (JSR 168)
- (1) Not supported on Red Hat 4.0

Portal Server minor release support policy

Specified portal servers versions have been successfully tested by BusinessObjects. Incremental releases of the specified versions defined by the last number in the portal server name will be supported as they are made available, but may not have been tested by BusinessObjects. Exceptions in support will be documented.

Supported Browsers

Browser OS	Browser	JVM
Macintosh	Safari 3.0 (1)	Apple 1.4.2_xx Apple 1.5.0_xx
Windows	Firefox 2.0	Sun 1.5.0_xx Sun 1.6.0_02+
	IE 6.0 SP2	Sun 1.4.2_xx Sun 1.5.0_xx Sun 1.6.0_02+
	IE 7.0	Sun 1.4.2_xx Sun 1.5.0_xx Sun 1.6.0_02+

(1) Supported for Infoview only

Restriction for Crystal Reports Explorer

Please note that the Crystal Reports Explorer add-on leverages IE-specific components and will not work with any browsers other than IE.

Data Source Middleware Support

BusinessObjects products have been tested against data sources using 32-bit middleware connectivity. Unless otherwise specified, 64-bit middleware connectivity is not supported.

CMS Database (Repository) Databases

Provider Name	Data Connector
IBM DB2/UDB for NT/Unix 8.1	DB2 Client 8.1
IBM DB2/UDB for NT/Unix 8.2	DB2 Client 8.2
IBM DB2/UDB for NT/Unix/Linux 9.1	DB2 Client 9.1
Oracle 10g R1 (10.1)	Oracle .NET Client 10.1(1)
Oracle 10g R2 (10.2)	Oracle .NET Client 10.2(1)
Oracle 9.2	Oracle .NET Client 9.2
Sybase Adaptive Server Enterprise 12.5.2	Sybase Open Client 12.5.2
Sybase Adaptive Server Enterprise 15	Sybase Open Client 12.5.2
MySQL 4.1.23	MySQL C-API

(1) Oracle Real Application Cluster (RAC) is supported

Crystal Reports Reporting Data Sources

Provider Name	Data Connector	Unicode Support
Generic JDBC Data Sources	JDK 1.4	Yes
Generic ODBC Data Sources	ODBC	Yes
HP NeoView 2.2	HP NeoView ODBC 2.2	Yes
IBM DB2/UDB for iSeries 5.2	DB2 Client 8.1	Yes
	IBM iSeries Access (JDBC) 5.2	Yes
	DB2 ODBC Client 8.1	Yes
IBM DB2/UDB for iSeries 5.3	DB2 Client 8.2	Yes
	IBM iSeries Access (JDBC) 5.3	Yes

Provider Name	Data Connector	Unicode Support
	DB2 ODBC Client 8.2	Yes
IBM DB2/UDB for NT/Unix 8.1 (1)	DB2 Client 8.1	Yes
	DB2 JDBC 8.1	Yes
	DB2 ODBC Client 8.1	Yes
IBM DB2/UDB for NT/Unix 8.2	DB2 Client 8.2	Yes
	DB2 JDBC 8.2	Yes
	DB2 ODBC Client8.2	Yes
IBM DB2/UDB for NT/Unix/Linux 9.1	DB2 Client 9.1	Yes
	DB2 JDBC 9.1	Yes
	DB2 ODBC Client 9.1	Yes
IBM DB2/UDB for zSeries 7	DB2 Client 8.1	Yes
	DB2 ODBC Client 8.1	Yes
IBM DB2/UDB for zSeries 8	DB2 Client 8.2	Yes
	DB2 ODBC Client 8.2	Yes
IBM Informix Dynamic Server 10.0	ODBC DataDirect 5.1 (2)	Yes
IBM Informix Dynamic Server 9.4	ODBC DataDirect 5.1 (2)	Yes
MS SQL Server 2000 SP4	JDBC SQL Server 2000	Yes
	ODBC DataDirect 5.1 for MS SQL (2)	Yes
MS SQL Server 2005 RTM / SP1 /SP2	JDBC SQL Server 2005	Yes
	ODBC DataDirect 5.1 for MS SQL (2)	Yes
MS SQL Server 7.0 SP4	ODBC DataDirect 5.1 for MS SQL (2)	Yes
MySQL 4.1.10a	JDBC MySQL	Yes
MySQL 4.1.13	JDBC MySQL	Yes
MySQL 4.1.23	JDBC MySQL	Yes
MySQL 5.0	JDBC MySQL	Yes
NCR Teradata V2R6	NCR Teradata JDBC V2R6	Yes
	NCR Teradata ODBC 3.04	Yes

Provider Name	Data Connector	Unicode Support
NCR Teradata V2R6.1	NCR Teradata ODBC 3.05	Yes
NCR Teradata V2R6.2	NCR Teradata ODBC 3.06	Yes
NCR Teradata V12	Teradata ODBC 12 (TTU 12.0)	Yes
	Teradata JDBC 12 (TTU 12.0)	
Netezza NPS Server 3.0	Netezza ODBC 3.0	Yes
Netezza NPS Server 3.1	Netezza ODBC 3.1	Yes
Netezza NPS Server 4.0	Netezza ODBC 4.0	Yes
Oracle 10g R1 (10.1) (3)	JDBC Oracle 10.1	Yes
	ODBC DataDirect 5.1 (2)	Yes
	Oracle .NET Client 10.1	Yes
Oracle 10g R2 (10.2) (3)	JDBC Oracle 10.2	Yes
	ODBC DataDirect 5.1 (2)	Yes
	Oracle .NET Client 10.2	Yes
Oracle 9.2	JDBC Oracle 9.2	Yes
	ODBC DataDirect 5.1 (2)	Yes
	Oracle .NET Client 9.2	Yes
Sybase ASE 12.5	JDBC Sybase 12.5	Yes
	ODBC DataDirect 5.1 (2)	Yes
	Sybase Open Client 12.5	
Sybase Adaptive Server Enterprise 15	Sybase Open Client 15	
Technology		
JavaBean	JDK 1.4	Yes
XML	JDK 1.4	Yes
Crystal Reports Reporting Data Sources Supported for Scheduling Only		
Text	ODBC DataDirect 5.1 (2)	

(1) DB2 8.1 is not supported on SUSE 9

(2) DataDirect drivers for Crystal Reports are available from BusinessObjects on the [Download Center](#).

(3) Oracle Real Application Cluster (RAC) is supported

Generic ODBC, OLEDB and JDBC: Limitation

Database server, Client and ODBC/JDBC/OLEDB driver used must support multiple threads.

Generic JDBC: 3rd Party JDBC Type 4-compliant drivers may potentially have issues as not all combinations have been tested, but are supported for *relational database access* as a general rule.

Generic ODBC: 3rd Party ODBC Level 2-compliant Drivers may potentially have issues as not all combinations have been tested yet, but are supported as a general rule.

Scheduled and On-demand Reporting

'Scheduling Only' indicates that the data connectivity is assumed to be single-threaded. Customers are recommended to use these with scheduled Crystal Reports instances, as concurrent on-demand reports will be handled serially.

Other connectivity are assumed to be multi-threaded and suitable to be used for both scheduled and on-demand Crystal Report instances as concurrent on-demand reports will be handled in parallel.

LDAP Directory

- IBM Tivoli Directory Server 5.2
- IBM Tivoli Directory Server 6.0
- IBM Tivoli Directory Server 6.1
- Lotus Domino Directory 6.0.2
- Lotus Domino Directory 6.5.3
- Novell eDirectory 8.7.3
- Oracle Internet Directory 10gR2 (10.1.2)
- Sun Java System Directory Server 5.1
- Sun Java System Directory Server 5.2
- Microsoft Active Directory Application Mode 2003 (ADAM)

Access Management

- eTrust (Netegrity) SiteMinder 5.5
- eTrust (Netegrity) SiteMinder 6.0

File Transfer Protocol (FTP) Requirements

The following are the guidelines that must be supported by any FTP Server being used in conjunction with Crystal Reports Server as a scheduling destination.

- FTP server needs to support using “./” as a directory
- FTP server needs to support specifying a directory with a trailing “/”
- FTP server needs to support filenames that are 20+ characters (if destination file names are generated randomly by Crystal Reports Server.)
- FTP server needs to support specifying file names starting with a “~” character (if destination file names are generated randomly by Crystal Reports Server.)

Finding More Information

For more information and resources, refer to the product documentation and visit the [Business Objects Support site](#).

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