

Business Objects Enterprise XI Release 2 SP4 for Linux

Supported Platforms

Overview

This document lists specific platforms and configurations for the BusinessObjects Enterprise XI Release 2 SP4 for Linux.

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Introduction

This document contains information specific to platforms and configurations for the BusinessObjects Enterprise XI Release 2 SP4. For the latest information on updates to this document, please visit the [supported platforms](#) 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. |
|-------------|--|

Products

Server Products

- BusinessObjects Enterprise XI R2
 - BusinessObjects Web Intelligence XI R2
 - Crystal Reports XI R2
 - BusinessObjects Dashboard Manager XI R2
 - BusinessObjects Performance Manager XI R2
 - BusinessObjects Predictive Analysis XI R2
 - BusinessObjects Process Analysis XI R2
 - BusinessObjects Set Analysis (Server Components) XI R2
 - BusinessObjects Encyclopedia XI R2
 - BusinessObjects Process Tracker XI R2 (1)
- (1) Process Tracker product is installed separately. Note that BusinessObjects Enterprise Premium XI Release 2 includes Process Tracker.

Desktop Products

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

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 [KB4026578](#) article.

Minimum Hardware Requirements for BusinessObjects Enterprise XI R2

- 700-MHz Pentium III-class processor
- 2 GB RAM
- 4 GB hard disk space for complete install (BusinessObjects Enterprise without Performance management)
- 5 GB hard disk space for complete install (BusinessObjects Enterprise with Performance management)
- 2 GB hard disk space for patch install

Note: Linux support is on 32-bit and 64-bit versions of Linux operating system. 32-bit Linux which are supported by BusinessObjects are ones that operate on either 32 or 64-bit (x64) AMD/Intel chipsets. 64-bit Linux which are supported by BusinessObjects are ones that operate on 64-bit (x64) AMD/Intel chipsets. BusinessObjects Enterprise 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 (1) |
| 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 (2) |
| WebLogic 9.2 | JRockit 5.0+ (4) (5) |
| WebSphere 5.1.1.x (excluding 5.1.1.4) | JDK 1.4.2_xx (3) |
| WebSphere 6.0.2.x | JDK 1.4.2_xx |
| WebSphere 6.1.0.7 | JDK 1.5.0_xx |

- (1) Not supported for Performance Management and Process Tracker. Only Enterprise Edition is supported. See release notes for patch levels for other products.
- (2) Not supported for Red Hat 4.0.
- (3) EPM products support WebSphere 5.1.1.6 and later versions.
- (4) 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.
- (5) 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, BusinessObjects Enterprise 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 (2) | 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 (3) | Sun 1.4.2_xx Sun 1.5.0_xx Sun 1.6.0_02+ |

(1) Supported for Infoview only

(2) SVG is not supported (EPM)

(3) Please note that this browser is NOT SUPPORTED for OLAP Intelligence, and Process Tracker.

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.

SVG and Flash support for EPM

SVG version 3.0.3 and above supported for Internet Explorer. Flash version 7 and above supported for Internet Explorer and Firefox.

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) & Audit Databases

| Provider Name | Data Connector |
|--|----------------------------|
| IBM DB2 UDB 8.1 for Linux, UNIX, and Windows | DB2 Client 8.1 |
| IBM DB2 UDB 8.2 for Linux, UNIX, and Windows | DB2 Client 8.2 |
| IBM DB2 9.1 for Linux, UNIX, and Windows | 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

Performance Management Repository Databases

| Provider Name | Data Connector |
|--|------------------------------|
| IBM DB2 UDB 8.1 for Linux, UNIX, and Windows | DB2 Client 8.1 |
| IBM DB2 UDB 8.2 for Linux, UNIX, and Windows | DB2 Client 8.2 |
| IBM DB2 9.1 for Linux, UNIX, and Windows | DB2 Client 9.1 |
| IBM DB2/UDB for zSeries 7 | DB2 Client 8.1 |
| IBM DB2/UDB for zSeries 8 | DB2 Client 8.2 |
| NCR Teradata V2R6 | NCR Teradata ODBC 3.04 |
| NCR Teradata V2R6.1 | NCR Teradata ODBC 3.05 |
| NCR Teradata V2R6.2 | NCR Teradata ODBC 3.06 |
| Teradata v12 | Teradata ODBC 12 (TTU 12.0) |
| 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 |

| Provider Name | Data Connector |
|--|-------------------------|
| Sybase Adaptive Server Enterprise 12.5 | Sybase Open Client 12.5 |
| Sybase Adaptive Server Enterprise 15 | Sybase Open Client 15 |

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

Web Intelligence, Desktop Intelligence and Performance Management Data Sources

| Provider Name | Data Connector | Unicode Support |
|--|--|-----------------|
| IBM DB2 UDB 8.1 for Linux, UNIX, and Windows (1) | DB2 Client 8.1 | Yes |
| | DB2 ODBC Client 8.1 | Yes |
| IBM DB2 UDB 8.2 for Linux, UNIX, and Windows | DB2 Client 8.2 | Yes |
| | DB2 ODBC Client 8.2 | Yes |
| IBM DB2 9.1 for Linux, UNIX, and Windows | DB2 Client 9.1 | Yes |
| | DB2 ODBC Client 9.1 | Yes |
| HP NeoView 2.2 | HP NeoView ODBC 2.2 (5) | |
| IBM Informix Dynamic Server 10.0 | IBM Informix ODBC SDK 2.90 | |
| IBM Informix Dynamic Server 7.31 | IBM Informix ODBC SDK 2.81 | |
| IBM Informix Dynamic Server 9.4 | IBM Informix ODBC SDK 2.81 | |
| IBM Informix XPS 8.40 | IBM Informix ODBC SDK 2.81 | |
| IBM Informix XPS 8.50 | IBM Informix ODBC SDK 2.90 | |
| IBM Red Brick Decision Server 6.3 | IBM Red Brick ODBC 5 | |
| MS SQL Server 2000 SP4 | DataDirect ODBC Driver v5.0 for MS SQL (3) | |
| MS SQL Server 2005 RTM / SP1 / SP2 | DataDirect ODBC Driver v5.1 for MS SQL (3) | Yes |
| MS SQL Server 7.0 SP4 | DataDirect ODBC Driver v5.0 for MS SQL (3) | |
| MySQL 4.1.10a | MySQL ODBC connector 3.51.12 | |
| MySQL 4.1.13 | MySQL ODBC connector 3.51.12 | |
| MySQL 4.1.23 | MySQL ODBC connector 3.51.12 | |

| Provider Name | Data Connector | Unicode Support |
|--|---|-----------------|
| MySQL 5.0 | MySQL ODBC connector 3.51.12 | |
| NCR Teradata V2R6 | NCR Teradata ODBC 3.04 | |
| NCR Teradata V2R6.1 | NCR Teradata ODBC 3.05 | |
| NCR Teradata V2R6.2 | NCR Teradata ODBC 3.06 (2) | Yes (4) |
| Teradata v12 | Teradata ODBC 12 (TTU 12.0) | Yes |
| Netezza NPS Server 3.0 | Netezza ODBC 3.0 (2) | |
| Netezza NPS Server 3.1 | Netezza ODBC 3.1 (2) | |
| Netezza NPS Server 4.0 | Netezza ODBC 4.0(1) | |
| Oracle 10g R1 (10.1) | Oracle .NET Client 10.1(6) | Yes |
| Oracle 10g R2 (10.2) | Oracle .NET Client 10.2(6) | Yes |
| Oracle 9.2 | Oracle .NET Client 9.2 | Yes |
| Sybase Adaptive Server Enterprise 12.5 | Sybase Open Client 12.5 | |
| Sybase Adaptive Server Enterprise 15 | Sybase Open Client 15 | |
| Sybase Adaptive Server IQ 12.6 | Sybase ODBC 9 for Adaptive Server IQ 12.6 | |
| Sybase Adaptive Server IQ 12.7 | Sybase ODBC 9 for Adaptive Server IQ 12.7 | |
| Sybase SQL Anywhere (ASA) 10 | Sybase ODBC 9 for Adaptive Server IQ 12.7 (2) | |

- (1) DB2 8.1 is not supported on SUSE 9.
- (2) Not supported for Performance Management.
- (3) **An OEM DataDirect driver is available. Contact your Account Manager for further details**
- (4) Unicode is supported if you follow the workaround found in knowledge base article 7997435.
- (5) Not supported for Predictive Analysis
- (6) Oracle Real Application Cluster (RAC) is supported

Supported Data Sources for Set Analysis

| Provider Name | Data Connector |
|----------------------|-----------------------------|
| Oracle 9.2 | Oracle .NET Client 9.2 (1) |
| Oracle 10g R1 (10.1) | Oracle .NET Client 10.1 (1) |

| Provider Name | Data Connector |
|--|--------------------------------------|
| Oracle 10g R2 (10.2) | Oracle .NET Client 10.2 (1) |
| MS SQL Server 7.0 SP4 | Microsoft ODBC MDAC 2.7 |
| | Microsoft OLEDB MDAC 2.7 |
| MS SQL Server 2000 SP4 | Microsoft ODBC MDAC 2.8 |
| | Microsoft OLEDB MDAC 2.8 |
| MS SQL Server 2005 | Microsoft ODBC MDAC 2.8 |
| | Microsoft ODBC SNAC (native client) |
| | Microsoft OLEDB MDAC 2.8 |
| | Microsoft OLEDB SNAC (native client) |
| IBM DB2 UDB 8.1 for Linux, UNIX, and Windows | DB2 Client 8.1 (1) |
| IBM DB2 UDB 8.2 for Linux, UNIX, and Windows | DB2 Client 8.1 (1) |
| IBM DB2 9.1 for Linux, UNIX, and Windows | DB2 Client 9.1 (1) |
| NCR Teradata V2R6 | NCR Teradata ODBC 3.04 |
| NCR Teradata V2R6.2 | NCR Teradata ODBC 3.06 |
| Netezza NPS Server 3.0 | Netezza ODBC 3.0 |
| Sybase Adaptive Server Enterprise 12.5 | Sybase Open Client 12.5 |
| Sybase Adaptive Server Enterprise 12.5.1 | Sybase Open Client 12.5.1 |

(1) Please see release notes for Oracle and DB2 connectivity for this product.

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 |

| Provider Name | Data Connector | Unicode Support |
|--|------------------------------------|-----------------|
| | IBM iSeries Access (JDBC) 5.3 | Yes |
| | DB2 ODBC Client 8.2 | Yes |
| IBM DB2 UDB 8.1 for Linux, UNIX, and Windows (1) | DB2 Client 8.1 | Yes |
| | DB2 JDBC 8.1 | Yes |
| | DB2 ODBC Client 8.1 | Yes |
| IBM DB2 UDB 8.2 for Linux, UNIX, and Windows | DB2 Client 8.2 | Yes |
| | DB2 JDBC 8.2 | Yes |
| | DB2 ODBC Client8.2 | Yes |
| IBM DB2 9.1 for Linux, UNIX, and Windows | 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 |

| Provider Name | Data Connector | Unicode Support |
|---|-------------------------------|-----------------|
| NCR Teradata V2R6 | NCR Teradata JDBC V2R6 | Yes |
| | NCR Teradata ODBC 3.04 | Yes |
| 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

(Supported for Crystal Reports Only)

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.

OLAP Data Sources for Voyager

No platforms are supported.

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 BusinessObjects Enterprise 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 BusinessObjects Enterprise.)
- FTP server needs to support specifying file names starting with a “~” character (if destination file names are generated randomly by BusinessObjects Enterprise.)

Finding More Information

For more information and resources, refer to the product documentation and visit the support area of the web site at:

<http://www.businessobjects.com/>

► www.businessobjects.com

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