

BusinessObjects Enterprise XI 3.1 for Linux – Supported Platforms



Applies to:

BusinessObjects Enterprise XI 3.1 for Linux

Summary

This document lists specific platforms and configurations for the BusinessObjects Enterprise XI 3.1 for Linux.

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Introduction

This document contains information specific to platforms and configurations for the BusinessObjects Enterprise XI 3.1 release. For the latest information on updates to this document, please visit [Business Objects Articles](#).

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

Desktop

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.

Server

- BusinessObjects™ Enterprise XI
- BusinessObjects™ Performance Manager XI
- BusinessObjects™ Predictive Analysis XI
- BusinessObjects™ Process Analysis XI
- BusinessObjects™ Set Analysis XI (server components)
- BusinessObjects™ Web Intelligence XI
- BusinessObjects™ Voyager XI
- Crystal Reports® 2008 (server components)
- Dashboard Builder
- Encyclopedia
- Process Tracker (1)

(1) Process Tracker product is installed separately. Note that BusinessObjects Enterprise Premium XI 3.1 includes Process Tracker.

Languages

- Chinese Simplified
- Chinese Traditional
- Danish
- Dutch
- English
- French
- German

- Italian
- Japanese
- Korean
- Norwegian
- Polish
- Portuguese (Brazil)
- Spanish
- Swedish
- Russian
- Thai

Supported Operating Systems

- Red Hat Linux Enterprise Server 4
- Red Hat Linux Advanced Server 4
- Red Hat Linux Enterprise Server 5
- Red Hat Linux Enterprise Advanced Platform Server 5
- SuSE Linux Enterprise Server 9 SP3
- SuSE Linux Enterprise Server 10

Minimum Hardware Requirements for BusinessObjects Enterprise XI 3.1

- 2.0 GHz Pentium 4-class processor
- 2 GB RAM
- 5.5 GB hard drive for BusinessObjects Enterprise complete install
- 3 GB hard drive for BusinessObjects Enterprise patch install

Note: BusinessObjects Enterprise software is supported running on 32-bit versions of Linux running on x86 (32-bit) and x64 CPUs (64-bit) made by AMD and Intel.

BusinessObjects Enterprise software is supported running on 64-bit versions of Linux running on x64 CPUs made by AMD and Intel.

Note: Additional languages can be installed in BusinessObjects Enterprise via Language Pack Install. On average, an additional 0.3 GB hard disk space is required per language install.

Minimum Patch Level for Red Hat 4

Required minimum operating system install plus:

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

Higher patches beyond the specified minimum patch requirement may be used, but they may not be officially tested by BusinessObjects products.

Minimum Patch Level for Red Hat 5

Required minimum operating system install plus:

- RHBA-2007:0619-3

Higher patches beyond the specified minimum patch requirement may be used, but they may not be officially tested by BusinessObjects products.

Minimum Patch Level for SLES 9

Required minimum operating system install plus:

- XFree86-4.3.99.902-43.22 (XFree86)
- XFree86-libs-4.3.99.902-43.22 (XFree86 Libs)

Higher patches beyond the specified minimum patch requirement may be used, but they may not be officially tested by BusinessObjects products.

Minimum Patch Level for SLES 10

No additional components outside the minimum.

Higher patches beyond the specified minimum patch requirement may be used, but they may not be officially tested by BusinessObjects products.

Supported Locales

| Language | 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 |

| | |
|------------|------------|
| Swedish | zh_TW.utf8 |
| Portuguese | sv_SE.utf8 |
| Danish | pt_BR.utf8 |
| Norwegian | da_DK.utf8 |
| Polish | no_NO.utf8 |
| Russian | pl_PL.utf8 |
| Thai | ru_RU.utf8 |
| | th_TH.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 1.5.0_xx |
| Oracle Application Server 10gR3 (10.1.3) (4) | JDK 1.5.0_xx |
| SAP Web Application Server 7 (5) | JDK 1.4.2_xx |
| Tomcat 5.5 | JDK 1.5.0_xx |
| WebLogic 9.2 MP2 | JRockit 5.0+ (1) (2) |
| WebLogic 10 (3) | JRockit 5.0+ |
| WebSphere Application Server 6.1.0.7 | JDK 1.5.0_xx |
| WebSphere Application Server Community Edition 2.0 | JDK 1.5.0_xx |

(1) 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.

(2) 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.

(3) Not supported for SuSE.

(4) Please see release notes on the minimum version supported for Dashboard and Analytics.

(5) Not supported for Web Services.

Note: Native 64-bit Java Application Servers are supported.

Application Server Incremental Release Support Policy

Specified application servers versions have been successfully tested by Business Objects. 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 Business Objects. Exceptions in support will be documented.

JDK Version Support Policy

JDK major versions are specified to ensure the use of correct version when there are multiple choices provided by the vendor. Business Objects tests and supports any _xx release installed with a given application server.

HTTP Servers

Any supported by Application Server vendor.

Supported Portal Servers

- Oracle Portal Server 10g R3 (10.1.4) (JSR 168)
- WebLogic Portal Server 9.2.x (JSR168)
- WebLogic Portal Server 10.0.x (JSR168)
- WebSphere Portal 6.0.x.x (JSR 168)

Portal Server minor release support policy

Specified portal servers versions have been successfully tested by Business Objects. Minor/incremental releases of the specified versions defined by the last number (or two in the case of WebSphere) in the portal server version number will be supported as they are made available, but all may not have been tested by BO. Exceptions in support will be documented.

Supported Browsers

| Browser OS | Browser | JVM |
|-------------------|-------------|----------------------------------|
| Apple Mac OS X | Firefox 3.0 | Apple 1.5.0_xx Apple 1.6.0_xx |
| | Firefox 2.0 | Apple 1.5.0_xx Apple 1.6.0_xx |
| | Safari 3.0 | Apple 1.5.0_xx Apple 1.6.0_xx |
| Microsoft Windows | Firefox 3.0 | Sun 1.5.0_xx Sun 1.6.0_02+ |
| | Firefox 2.0 | Sun 1.5.0_xx Sun 1.6.0_02+ |
| | IE 6.0 SP2 | Sun 1.5.0_xx Sun 1.6.0_02+ |
| | IE 7.0 | Sun 1.5.0_xx Sun 1.6.0_02+ |

SVG and Flash support for Dashboard and Analytics

- SVG is not supported by Dashboard and Analytics for Firefox.

- 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 Enterprise Suite products that are compiled as 32-bit native binary are designed to use 32-bit data source middleware connectivity. Unless otherwise specified in the PAR, 64-bit middleware connectivity is not supported. Conversely, native 64-bit offerings of BusinessObjects Enterprise Suite products are designed to exclusively use 64-bit data source middleware connectivity.

CMS Database (Repository) & Audit Databases

| Provider Name | Data Connector |
|--------------------------------------|--------------------------------|
| IBM DB2/UDB for NT/Unix 8.2 | DB2 Client 8.2 (3) |
| IBM DB2/UDB for NT/Unix/Linux 9.1 | DB2 Client 9.1 |
| IBM DB2/UDB for NT/Unix/Linux 9.5 | DB2 Client 9.5 |
| MySQL AB 5.0 | MySQL C-API |
| Oracle 11g R1 (11.1) | Oracle Net Client 10.2 (1) (2) |
| 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 15 | Sybase Open Client 15 |

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

(2) For more information about support of Oracle 11g R1 with Oracle Net Client 10.2, please refer to the Release Notes.

(3) Please refer to SAP Note 1473992.

Dashboard and Analytics Repository Databases

| Provider Name | Data Connector |
|-----------------------------------|----------------------------------|
| 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 |
| IBM DB2/UDB for NT/Unix/Linux 9.5 | DB2 Client 9.5 |
| 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 3.05 (TTU 8.1) |
| NCR Teradata V2R6.1 | NCR Teradata ODBC 3.06 (TTU 8.2) |
| NCR Teradata V2R6.2 | NCR Teradata ODBC 3.06 (TTU 8.2) |

| | |
|--|------------------------------|
| Teradata V12.0 | Teradata ODBC TU 12.00.00.1 |
| | Teradata JDBC TTU 12.00.00.1 |
| Oracle 11g R1 (11.1) | Oracle Net Client 11 R1 (1) |
| Oracle 10g R1 (10.1) | Oracle Net Client 10.1 (1) |
| Oracle 10g R1 (10.2) | Oracle Net Client 10.2 (1) |
| Oracle 9.2 | Oracle Net Client 9.2 |
| 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, Dashboard and Analytics Data Sources

| Provider Name | Data Connector | Unicode Support |
|--|---|-----------------|
| OLAP | | |
| Hyperion Essbase Server 7.1.x (1) | Hyperion Essbase API 7.1.x | |
| Hyperion System 9 | Hyperion Essbase client 9.0 | |
| | Hyperion Essbase client 9.2 | |
| | Hyperion Essbase client 9.3 | |
| RDBMS | | |
| Generic JDBC Data Sources | Java 1.5 (5) | |
| Generic ODBC Data Sources | UNIX ODBC or DataDirect ODBC manager | |
| BusinessObjects Data Federator 3.5 (XI R2) | Data Federator JDBC driver v3.5 (1) (5) | |
| HP Neoview 2.3.1 | HP Neoview ODBC Driver 2.3.1 (4) | |
| HP Neoview 2.2 | HP Neoview ODBC Driver 2.2 (4) | |
| IBM DB2/UDB for NT/Unix 8.2 | DB2 Client 8.2 | Yes |
| | DB2 Universal JDBC Driver (5) | Yes |
| IBM DB2/UDB for NT/Unix/Linux 9.1 | DB2 Client 9.1 | Yes |
| | DB2 Universal JDBC Driver (5) | Yes |

| | | |
|---------------------------------------|--|------------------------|
| IBM DB2/UDB for NT/Unix/Linux 9.5 | DB2 Client 9.5 | Yes |
| | DB2 Universal JDBC Driver (5) | Yes |
| Provider Name | Data Connector | Unicode Support |
| 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 2.90 | |
| 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 | |
| Microsoft SQL Server 2000 SP4 | DataDirect ODBC v5.0 for MS SQL (2) | |
| Microsoft SQL Server 2005 RTM/SP1/SP2 | DataDirect ODBC v5.1 for MS SQL (2) | Yes |
| | JDBC SQL Server 2005 (1) (5) | Yes |
| MySQL AB 5.0 | MySQL AB ODBC 3.51.12 | |
| | MySQL AB JDBC 5.0 (1) (5) | |
| NCR Teradata V2R6 | NCR Teradata ODBC 3.05 (TTU 8.1) | Yes |
| NCR Teradata V2R6.1 | NCR Teradata ODBC 3.06 (TTU 8.2) | Yes |
| | NCR Teradata JDBC 3.04 (TTU 8.2) (1) (5) | Yes |
| NCR Teradata V2R6.2 | NCR Teradata ODBC 3.06 (TTU 8.2) | Yes (3) |
| | NCR Teradata JDBC 3.04 (TTU 8.2) (1) (5) | Yes |
| Teradata V12.0 | TTU12.0 Teradata ODBC Driver 12.00.00.01 | Yes |
| | TTU12.0 Teradata JDBC Driver 12.00.00.01 | Yes |
| Netezza NPS Server 3.0 | Netezza ODBC 3.0 (1) | |
| Netezza NPS Server 3.1 | Netezza ODBC 3.1 (1) | |
| | Netezza JDBC Access (1) (5) | |
| Netezza NPS Server 4.0 | Netezza ODBC 4.0 (1) | |
| | Netezza JDBC Access (3) | |
| Oracle 11g R1 (11.1) | Oracle Net Client 11gR1 (11.1) (4) (6) | Yes |

| | | |
|--|--|-----|
| | Oracle JDBC 11g R1 (11.1.0.6) (5) (6) | Yes |
| Oracle 10g R1 (10.1) | Oracle Net Client 10.1 (6) | Yes |
| | Oracle JDBC 10g R1 (10.1.0.3) (5) (6) | Yes |
| Oracle 10g R2 (10.2) | Oracle Net Client 10.2 (6) | Yes |
| | Oracle JDBC 10g R2 (10.2.0.1) (5) (6) | Yes |
| Oracle 9.2 | Oracle Net Client 9.2 | Yes |
| | Oracle JDBC 9i (9.2.0.5) (5) | Yes |
| Progress OpenEdge 10.1B | OpenEdge 10.1B JDBC (1) (5) | |
| Sybase Adaptive Server Enterprise 12.5 | Sybase Open Client 12.5 | |
| | jConnect JDBC driver 6.05 (1) (5) | |
| Sybase Adaptive Server Enterprise 15 | Sybase Open Client 15 | |
| | jConnect JDBC driver 6.05 (1) (5) | |
| 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 (1) | |
| | Sybase SQL Anywhere ODBC Driver 10 (1) | |

(1) Not supported for Dashboard and Analytics.

(2) DataDirect drivers for Desktop Intelligence, Dashboard and Analytics, and Web Intelligence are not provided by BusinessObjects.

(3) Unicode is supported if you follow the workaround found in Note 1204919.

(4) Not supported for Predictive Analysis.

(5) Not supported for Desktop Intelligence.

(6) Oracle Real Application Cluster (RAC) is supported.

Supported Data Sources for Set Analysis

| Provider Name | Data Connector |
|-----------------------------------|---------------------------------|
| IBM DB2/UDB for NT/Unix/Linux 8.2 | DB2 Client 8.1 (1) |
| IBM DB2/UDB for NT/Unix/Linux 9.1 | DB2 Client 9.1 (1) |
| IBM DB2/UDB for NT/Unix/Linux 9.5 | DB2 Client 9.5 |
| Microsoft SQL Server 2000 SP4 | DataDirect ODBC v5.0 for MS SQL |

| | |
|--|--|
| Microsoft SQL Server 2005 RTM/SP1/SP2 | DataDirect ODBC v5.1 for MS SQL (2) |
| Microsoft SQL Server 2008 | Microsoft JDBC 1.2 for SQL Server 2005 (2) |
| NCR Teradata V2R6 | NCR Teradata ODBC 3.05 (TTU 8.1) |
| NCR Teradata V2R6.1 | NCR Teradata ODBC 3.06 (TTU 8.2) |
| NCR Teradata V2R6.2 | NCR Teradata ODBC 3.06 (TTU 8.2) |
| Teradata V12.0 | Teradata ODBC TTU 12.00.00.1 |
| Netezza NPS Server 2.5 | Netezza ODBC 2.5 |
| Netezza NPS Server 3.0 | Netezza ODBC 3.0 |
| Oracle 9.2 | Oracle Net Client 9.2 (1) |
| Oracle 10g R1 (10.1) | Oracle Net Client 10.1 (1) (3) |
| Oracle 10g R2 (10.2) | Oracle Net Client 10.2 (1) (3) |
| Oracle 11g R1 (11.1) | Oracle Net Client 11.1 (1) |
| Sybase Adaptive Server Enterprise 12.5 | Sybase Open Client 12.5 |
| Sybase Adaptive Server Enterprise 12.5.1 | Sybase Open Client 12.5.1 |
| Sybase Adaptive Server Enterprise 15 | Sybase Open Client 15 |

- (1) Please see release notes for Oracle and DB2 connectivity for this product.
(2) DataDirect drivers are not provided by BusinessObjects.
(3) Oracle Real Application Cluster (RAC) is supported.

Crystal Reports Reporting Data Sources

| Provider Name | Data Connector | Unicode Support |
|-----------------------------------|-------------------------------|-----------------|
| Generic JDBC Data Sources | Java 1.5 | Yes |
| Generic ODBC Data Sources | ODBC | Yes |
| HP NeoView 2.2 | HP NeoView ODBC 2.2 | |
| HP NeoView 2.3.1 | HP NeoView ODBC 2.3.1 | |
| IBM DB2/UDB for iSeries 5.3 | DB2 Client 8.2 | Yes |
| | IBM iSeries Access (JDBC) 5.3 | Yes |
| IBM DB2/UDB for iSeries 5.4 | DB2 Connect 9.1 | |
| | IBM iSeries Access (ODBC) 5.4 | |
| IBM DB2/UDB for NT/Unix 8.2 | DB2 Client 8.2 | Yes |
| | DB2 JDBC 8.2 | Yes |
| IBM DB2/UDB for NT/Unix/Linux 9.1 | DB2 Client 9.1 | Yes |
| | DB2 JDBC 9.1 | Yes |
| IBM DB2/UDB for NT/Unix/Linux 9.5 | DB2 Client 9.5 | |
| | DB2 Universal JDBC Driver | 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 |
| IBM Informix Dynamic Server 10.0 | DataDirect ODBC 5.3 (1) | Yes |
| IBM Informix Dynamic Server 9.4 | DataDirect ODBC 5.3 (1) | Yes |
| Microsoft SQL Server 2000 SP4 | JDBC SQL Server 2000 | Yes |
| | DataDirect ODBC 5.3 for MS SQL (1) | Yes |
| Microsoft SQL Server 2005 RTM/SP1/SP2 | JDBC SQL Server 2005 | Yes |
| | DataDirect ODBC 5.3 for MS SQL (1) | Yes |
| Microsoft SQL Server 2008 | JDBC SQL Server 2005 | Yes |
| MySQL AB 5.0 | MySQL AB ODBC 3.51 | Yes |
| | MySQL AB JDBC 5.0 | Yes |
| NCR Teradata V2R6 | NCR Teradata ODBC 3.05 (TTU 8.1) | Yes |
| NCR Teradata V2R6 | NCR Teradata ODBC 3.06 (TTU 8.2) | Yes |
| | NCR Teradata JDBC 3.04 (TTU 8.2) | |
| NCR Teradata V2R6.2 | NCR Teradata ODBC 3.06 (TTU 8.2) | Yes |
| | NCR Teradata JDBC 3.04 (TTU 8.2) | |
| Teradata V12.0 | Teradata ODBC Driver TTU 12.00.00.1 | Yes |
| | Teradata JDBC Driver TTU 12.00.00.1) | Yes |
| Netezza NPS Server 2.5 | Netezza ODBC 2.5 | Yes |
| Netezza NPS Server 3.0 | Netezza ODBC 3.0 | Yes |
| Netezza NPS Server 3.1 | Netezza ODBC 3.1 | Yes |
| | Netezza JDBC Access | |
| Netezza NPS Server 4.0 | Netezza ODBC 4.0 | Yes |
| | Netezza JDBC Access | Yes |
| Oracle 11g R1 (11.1) | JDBC Oracle 11.1 (2) | Yes |
| | Oracle Net Client 11.1 (2) | Yes |
| Oracle 10g R1 (10.1) | JDBC Oracle 10.1 (2) | Yes |
| | DataDirect ODBC 5.3 (1) (2) | Yes |
| | Oracle Net Client 10.1 (2) | Yes |
| Oracle 10g R2 (10.2) | JDBC Oracle 10.2 (2) | Yes |
| | DataDirect ODBC 5.3 (1) (2) | Yes |
| | Oracle Net Client 10.2 (2) | Yes |
| Oracle 9.2 | JDBC Oracle 9.2 | Yes |
| | DataDirect ODBC 5.3 (1) | Yes |

| | | |
|---|-------------------------|-----|
| | Oracle Net Client 9.2 | Yes |
| Progress OpenEdge 10.0B | OpenEdge SQL 10.0B JDBC | Yes |
| Sybase ASE 12.5 | JDBC Sybase 12.5 | Yes |
| | DataDirect ODBC 5.3 (1) | Yes |
| | Sybase Open Client 12.5 | |
| Sybase Adaptive Server Enterprise 15 | Sybase Open Client 15 | |
| Technology | | |
| JavaBean | JDK 1.5 | Yes |
| XML | JDK 1.5 | Yes |
| Crystal Reports Reporting Data Sources Supported for Scheduling Only | | |
| Text | DataDirect ODBC 5.1 (1) | |

(1) DataDirect drivers for Crystal Reports are available from Business Objects.

(2) 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

| Provider Name | Data Connector |
|-------------------------------|-----------------------------|
| Hyperion Essbase Server 7.1.x | Hyperion Essbase API 7.1.x |
| Hyperion System 9 | Hyperion Essbase client 9.0 |
| | Hyperion Essbase client 9.2 |
| | Hyperion Essbase client 9.3 |

Support for SAP Application Servers

BusinessObjects XI Integration for SAP Solutions must be installed in order to use an SAP application server as a data source. For the latest information on SAP platforms required by BusinessObjects XI Integration for SAP Solutions, please visit the support area of the website:

<https://www.sdn.sap.com/irj/sdn/businessobjects-articles>.

The following list of products is applicable to SAP application server support:

- Crystal Reports (Relational)
- Dashboard Builder(OLAP)
- Voyager (OLAP)
- Web Intelligence (OLAP)
- Live Office (OLAP and Relational)
- QaaWS (OLAP)

Reverse Proxy Servers

- Apache HTTP Servers 2.2
- WebSEAL 6.0 (from IBM Tivoli Access Manager)

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
- Microsoft Active Directory Application Mode 2003 (ADAM)
- Microsoft Active Directory Application Mode 2003 (ADAM) SP1
- Microsoft Active Directory Application Mode 2008 (ADAM)
- Novell eDirectory 8.7.3
- Novell eDirectory 8.8
- Oracle Internet Directory 10gR3 (10.1.3)
- Sun Java System Directory Server 5.2
- Sun Java System Directory Server Enterprise 6.0

Access Management

- Trust (Netegrity) Siteminder 6.0
- eTrust (Computer Associates) Siteminder 12.0

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).

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JavaScript is a registered trademark of Sun Microsystems, Inc., used under license for technology invented and implemented by Netscape.

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