

BusinessObjects Enterprise XI Release 2 SP4 for AIX

Supported Platforms

Overview

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

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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.
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Products

Server Products

- BusinessObjects Enterprise XI R2
 - BusinessObjects Web Intelligence XI R2
 - Crystal Reports XI R2
 - BusinessObjects Dashboard Manager XI R2
 - BusinessObjects OLAP Intelligence (Server Components) XI R2 (2)
 - 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.
- (2) OLAP Intelligence has reached end-of-life as of XI R2 SP2. No new features or new platform support will be added for this product. For the list of platforms supported by OLAP Intelligence, please refer to SP2 platform support documentation. This can be found by visiting the [supported platforms](#) web site.

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

- AIX 5L 5.2 (1)
- AIX 5L 5.3 (1)

(1) BusinessObjects Enterprise has been tested and is certified to function properly within IBM AIX Logical Partitions (LPAR) for this service pack release.

Minimum Hardware Requirements on AIX

- AIX 5.2, AIX 5.3
- 2 GB RAM
- 5.82 GB hard disk space for complete install (BusinessObjects Enterprise without Performance management)
- 6.82 GB hard disk space for complete install (BusinessObjects Enterprise with Performance management)
- 4.80 GB hard disk space for patch install

Note: BusinessObjects Enterprise software support covers both 32-bit and 64-bit versions of the AIX operating system. BusinessObjects Enterprise software is compiled natively as 32-bit binaries.

Minimum Patch Level for AIX 5.2

Required minimum operating system install for AIX 5L plus:

- Maintenance Level 5
- November 2003 C++ Runtime PTF => x1C.aix50.rte 6.0.0.14 (Note that this PTF requires Runtime of Level 6.0.0.0 to be installed prior to installing the PTF)
- APAR IY75115

Higher patches are supported by BusinessObjects.

Minimum Patch Level for AIX 5.3

Required minimum operating system install for AIX 5L plus:

- Maintenance Level 1
- November 2003 C++ Runtime PTF => x1C.aix50.rte 6.0.0.14* (Note that this PTF requires Runtime of Level 6.0.0.0 to be installed prior to installing the PTF)

Higher patches are supported by BusinessObjects.

- * Except for double byte character set locales in which ONLY the x1C.aix50.rte 6.0.0.14 runtime library is currently supported because of a compatibility issue with library revisions higher than 6.0.0.14. Revisions higher than 6.0.0.14 could cause unexpected string conversion behavior (such as universe names corruption in the File repository).

Supported Locales

Language	AIX Locales
English	EN_US.UTF-8
French	FR_FR.UTF-8
Japanese	JA_JP.UTF-8
Simplified Chinese	ZH_CN.UTF-8
German	DE_DE.UTF-8
Italian	IT_IT.UTF-8
Spanish	ES_ES.UTF-8
Dutch	NL_NL.UTF-8
Korean	KO_KR.UTF-8
Traditional Chinese	ZH_HK.UTF-8
	ZH_TW.UTF-8
Swedish	SV_SE.UTF-8
Polish	PL_PL.UTF-8
Portuguese	PT_BR.UTF-8
Russian	RU_RU.UTF-8

Please consult your UNIX 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 (5)
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	IBM JDK 1.4.2+
WebLogic 9.2	IBM JDK 1.5.0+ (3) (4)
WebSphere 5.1.1.x (excluding 5.1.1.4)	JDK 1.4.2_xx (2)
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 at this time Only Enterprise Edition is supported. See release notes for patch levels for other products.
- (2) EPM products support WebSphere 5.1.1.6 and later versions
- (3) WebLogic 9.2 running on AIX 5.3, ML3 (or higher MLs) is required.
- (4) WebLogic 9.2 running on AIX 5.2, ML7 (or higher MLs) is required.
- (5) Not supported for Process Tracker

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 (JSR 168)
- WebLogic Portal 9.2 (JSR 168)
- WebSphere Portal 6 (JSR 168)

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+

Browser OS	Browser	JVM
	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
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
OLAP		
SAP BI 7 SP10	SAP GUI 640 (1) (4)	
SAP BW Server 3.5	SAP GUI 640 (1) (4)	
RDBMS		
IBM DB2/UDB for iSeries 5.2	DB2 Client 8.1	
	DB2 ODBC Client 8.1	

Provider Name	Data Connector	Unicode Support
IBM DB2/UDB for iSeries 5.3	DB2 Client 8.2	
	DB2 ODBC Client 8.2	
IBM DB2 UDB 8.1 for Linux, UNIX, and Windows	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
IBM DB2/UDB for zSeries 7	DB2 Client 8.1 (1)	
	DB2 ODBC Client 8.1 (1)	
IBM DB2/UDB for zSeries 8	DB2 Client 8.2 (1)	
	DB2 ODBC Client 8.2 v	
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	

Provider Name	Data Connector	Unicode Support
MySQL 4.1.23	MySQL ODBC Connector 3.51.12	
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	
Teradata v12	Teradata ODBC 12 (TTU 12.0)	Yes
Netezza NPS Server 3.0	Netezza ODBC Driver 3.0 (1)	
Netezza NPS Server 3.1	Netezza ODBC Driver 3.1 (1)	
Netezza NPS Server 4.0	Netezza ODBC 4.0 Driver (1)	
Oracle 10g R1 (10.1)	Oracle .NET Client 10.1(5)	Yes
Oracle 10g R2 (10.2)	Oracle .NET Client 10.2(5)	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 (1)	
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 (2)	
Sybase SQL Anywhere (ASA) 10	Sybase ODBC 9 for Adaptive Server IQ 12.7 (1)	

- (1) Not supported for Performance Management.
- (2) Not supported on AIX 5.2
- (3) An OEM DataDirect driver is available. Contact your Account Manager for further details
- (4) Not supported for Desktop Intelligence.
- (5) Oracle Real Application Cluster (RAC) is supported

Support of SAP BW Server

BusinessObjects XI R2 Integration Kit for SAP MUST be installed in order to use SAP BW Server as a data source. The exact patch levels

required for SAP BW servers and API are specified in the Platforms.txt for BusinessObjects XI Release 2 Integration Kit for SAP.

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)
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
OLAP		
Hyperion Essbase Server 7.0	Hyperion Essbase API 7.0	

Provider Name	Data Connector	Unicode Support
Hyperion Essbase Server 7.1.x	Hyperion Essbase API 7.1.x	
SAP BW Server 3.5	SAP GUI 640	
SAP BI 7 SP10	SAP GUI 640	
RDBMS		
Generic JDBC Data Sources	JDK 1.4	Yes
Generic ODBC Data Sources	ODBC	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
	DB2 ODBC Client 8.2	Yes
IBM DB2 UDB 8.1 for Linux, UNIX, and Windows	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 Client 8.2	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 (1)	Yes
IBM Informix Dynamic Server 9.4	ODBC DataDirect 5.1 (1)	Yes

Provider Name	Data Connector	Unicode Support
MS SQL Server 2000 SP4	JDBC SQL Server 2000	Yes
	ODBC DataDirect 5.1 for MSQL (1)	Yes
MS SQL Server 2005 RTM / SP1 /SP2	JDBC SQL Server 2005	Yes
	ODBC DataDirect 5.1 for MSQL (1)	Yes
MS SQL Server 7.0 SP4	ODBC DataDirect 5.1 for MSQL (1)	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
NCR Teradata V2R6.1	NCR Teradata ODBC 3.05	Yes
NCR Teradata V2R6.2	NCR Teradata ODBC 3.06	Yes
Teradata V12	Teradata ODBC 12 (TTU 12.0)	Yes
	Teradata JDBC 12 (TTU 12.0)	Yes
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) (2)	JDBC Oracle 10.1	Yes
	ODBC DataDirect 5.1 (1)	Yes
	Oracle .NET Client 10.1	Yes
Oracle 10g R2 (10.2) (2)	JDBC Oracle 10.2	Yes
	ODBC DataDirect 5.1 (1)	Yes
	Oracle .NET Client 10.2	Yes
Oracle 9.2	JDBC Oracle 9.2	Yes
	ODBC DataDirect 5.1 (1)	Yes
	Oracle .NET Client 9.2	Yes

Provider Name	Data Connector	Unicode Support
Sybase ASE 12.5	JDBC Sybase 12.5	Yes
	ODBC DataDirect 5.1 (1)	Yes
	Sybase Open Client 12.5	
Sybase Adaptive Server Enterprise 15	Sybase Open Client 15	
Technology		
Java Bean	JDK 1.4	Yes
XML	JDK 1.4	Yes
Crystal Reports Reporting Data Sources Supported for Scheduling Only		
Text	ODBC DataDirect 5.1 (1)	

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

(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.

Support of SAP BW Server

BusinessObjects XI R2 Integration Kit for SAP MUST be installed in order to use SAP BW Server as a data source. The exact patch levels

required for SAP BW servers and API are specified in the Platforms.txt for BusinessObjects XI Release 2 Integration Kit for SAP.

OLAP Connectivity 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

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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