

BusinessObjects Enterprise XI 3.1 SP2 for HP-UX (PA-RISC) – Supported Platforms



Applies to:

BusinessObjects Enterprise XI 3.1 SP2 for HP-UX (PA-RISC)

Summary

This document contains information specific to platforms and configurations for the BusinessObjects Enterprise XI 3.1 SP2 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.

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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
- 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
- Czech
- Danish
- Dutch
- English
- Finnish
- French
- German
- Italian
- Japanese
- Korean
- Norwegian
- Polish
- Portuguese (Brazil)

- Spanish
- Swedish
- Russian
- Thai

Supported Locales

Language	HP-UX
Czech	cs_CZ.utf8
English	en_US.utf8
Finnish	fi_FI.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
Portuguese	pt_BR.utf8
Danish	da_DK.utf8
Norwegian	no_NO.utf8
Polish	pl_PL.utf8
Russian	ru_RU.utf8
Thai	No locale

Supported Operating Systems

Server

- HP-UX 11.23 (PA-RISC)

Minimum Hardware Requirements

- 2 GB RAM
- Hard disk space availability (without language pack):
 - 3.5 GB for BusinessObjects Enterprise patch install
- Hard disk space availability (with language pack):
 - 4.0 GB for BusinessObjects Enterprise patch install

Note: The 32-bit compiled binaries of BusinessObjects Enterprise software is supported on 32-bit and 64-bit versions of the HP-UX (PA-RISC) operating system.

Minimum Patch Level for HP-UX 11.23

HP-UX 11.23 minimum install plus the following packages:

- HPUX11i-OE_B.11.23.0409 (HP-UX Foundation Operating Environment Component)
- BUNDLE11i_B.11.23.0409.3 (Required Patch Bundle for HP-UX 11i v2 (B.11.23), September 2004)
- PHKL_35029 to enable correct functioning of JDK 1.5
- PHSS_36336 for DNS with Oracle databases
- PHCO_32220

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

Supported Application Servers

Application Servers	JDK
JBoss 4.0.4	JDK 1.5.0_xx
Oracle Application Server 10gR3 (10.1.3) (2)	JDK 1.5.0_xx
SAP NetWeaver 7.0 (3)	JDK 1.4.2_xx
SAP Netweaver 7.1	JDK 1.5.0_xx
Tomcat 5.5	JDK 1.5.0_xx
Tomcat 6.0.18	JDK 1.5.0_xx
WebLogic 9.2 MP2	HP-UX JDK 5.0+ (1)
WebLogic 10	HP-UX JDK 5.0+
WebLogic 10.3	JDK 1.6.0_xx JRockit 6.0+
WebSphere Application Server 6.1.0.7	JDK 1.5.0_xx
WebSphere Application Server 7 (3)	JDK 1.6.0_xx
WebSphere Application Server Community Edition 2.0	JDK 1.5.0_xx

(1) WebLogic 9.2 requires JDK for the Java 2 Standard Edition platform version 5.0.03 HP PA-RISC 2 with Java HotSpot™ Server VM (32-bit) or any later JDK 5.0.x service packs. It is recommended to install HP-UX patches for Java™ listed at: <http://www.hp.com/products1/unix/java/patches/index.html>

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

(3) Not supported for Web Services.

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

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 (JSR 168)
- WebSphere Portal 6.1 (JSR 286)

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 3.2.x (1)	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 / SP3	Sun 1.5.0_xx Sun 1.6.0_02+

Browser OS	Browser	JVM
	IE 7.0	Sun 1.5.0_xx Sun 1.6.0_02+
	IE 8.0 (2)	Sun 1.6.0_xx

- (1) Not supported by Performance Management.
- (2) Only Compatibility Mode supported.

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/Linux 8.2	DB2 Client 8.2 (3)
IBM DB2/UDB for NT/Unix/Linux 9.1	DB2 Client 9.1
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/Linux 8.2	DB2 Client 8.2
IBM DB2/UDB for NT/Unix/Linux 9.1	DB2 Client 9.1
IBM DB2/UDB for zSeries 8	DB2 Client 8.2
IBM DB2/UDB for zSeries 9.1	DB2 Client 9.1
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 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, Dashboard and Analytics Data Sources

Provider Name	Data Connector	Unicode Support
Generic JDBC Data Sources	Java 1.5 (3)	
Generic ODBC Data Sources	UNIX ODBC or DataDirect ODBC manager	
BusinessObjects Data Federator 3.5 (XI R2)	Data Federator JDBC driver v3.5 (1) (3)	
IBM DB2/UDB for iSeries 5.3	DB2 Client 8.2	
IBM DB2/UDB for iSeries 5.4	DB2 Connect 9.1	
IBM DB2/UDB for NT/Unix/Linux 8.2	DB2 Client 8.2	Yes
	DB2 Universal JDBC Driver (3)	Yes
IBM DB2/UDB for NT/Unix/Linux 9.1	DB2 Client 9.1	Yes

Provider Name	Data Connector	Unicode Support
	DB2 Universal JDBC Driver (3)	Yes
IBM DB2/UDB for zSeries 8	DB2 Client 8.2 (1)	
IBM DB2/UDB for zSeries 9.1	DB2 Client 9.1	
IBM Informix Dynamic Server 7.31	IBM Informix ODBC SDK 2.81	
IBM Informix Dynamic Server 10.0	IBM Informix ODBC SDK 2.90	
IBM Informix Dynamic Server 11.1	IBM Informix ODBC SDK 3.50	
	IBM Informix JDBC	
IBM Informix Dynamic Server 11.5	IBM Informix ODBC SDK 3.50	
	IBM Informix JDBC	
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	
Microsoft SQL Server 2005 RTM/SP1/SP2	DataDirect ODBC v5.1 for MS SQL	Yes
	DataDirect ODBC for MS SQL Server 5.3	
	DataDirect ODBC for MS SQL Server 5.3 branded (OEM)	
	JDBC SQL Server 2005 (1) (3)	Yes
Microsoft SQL Server 2008	Microsoft JDBC 1.2 for SQL Server 2005	Yes
MySQL AB 5.0	MySQL AB ODBC 3.51.12	
	MySQL AB JDBC 5.0 (1) (3)	
NCR Teradata V2R6.2	NCR Teradata ODBC 3.06 (TTU 8.2)	Yes
	NCR Teradata JDBC 3.04 (TTU 8.2) (1) (3)	Yes

Provider Name	Data Connector	Unicode Support
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 3.1	Netezza ODBC 3.1 (1)	
	Netezza JDBC Access (1) (3)	
Netezza NPS Server 4.0	Netezza ODBC 4.0 (1)	
	Netezza JDBC Access (3)	
Netezza 4.5	DataDirect 5.3	
	Netezza JDBC 4.5	
Oracle 11g R1 (11.1)	Oracle Net Client 11gR1 (11.1) (4)	Yes
	Oracle JDBC 11g R1 (11.1.0.6) (3) (4)	Yes
Oracle 10g R1 (10.1)	Oracle Net Client 10.1 (4)	Yes
	Oracle JDBC 10g R1 (10.1.0.3) (3) (4)	Yes
Oracle 10g R2 (10.2)	Oracle Net Client 10.2 (4)	Yes
	Oracle JDBC 10g R2 (10.2.0.1) (3) (4)	Yes
Oracle 9.2	Oracle Net Client 9.2	Yes
	Oracle JDBC 9i (9.2.0.5) (3)	Yes
Progress OpenEdge 10.1B	OpenEdge 10.1B JDBC (1) (3)	
Sybase Adaptive Server Enterprise 12.5	Sybase Open Client 12.5	
	jConnect JDBC driver 6.05 (1) (3)	
Sybase Adaptive Server Enterprise 15	Sybase Open Client 15	
	jConnect JDBC driver 6.05 (1) (3)	
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	

(1) Not supported for Dashboard and Analytics.

- (2) DataDirect drivers for MS SQL Server on UNIX for Desktop Intelligence, Dashboard and Analytics, and Web Intelligence are provided by BusinessObjects.
- (3) Not supported for Desktop Intelligence.
- (4) Oracle Real Application Cluster (RAC) is supported.

Note: Web Intelligence supports connecting to Microsoft SQL Server 2000 and 2005 through the Business Objects branded data direct drivers version 5.3.

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)
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 V2R6.2	NCR Teradata ODBC 3.06 (TTU 8.2)
Teradata V12.0	Teradata ODBC TTU 12.00.00.1
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 IQ 12.7	Sybase ODBC 9
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

Provider Name	Data Connector	Unicode Support
Generic ODBC Data Sources	ODBC	Yes
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	
	DB2 Universal JDBC Driver	Yes
IBM DB2/UDB for NT/Unix/Linux 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 zSeries 8	DB2 Client 8.2	Yes
IBM DB2/UDB for zSeries 9.1	DB2 Client 9.1	Yes
IBM Informix Dynamic Server 10.0	DataDirect ODBC 5.3 (1)	Yes
IBM Informix Dynamic Server 11.1	DataDirect ODBC 5.3 (1)	Yes
	Informix ODBC SDK 3.50	Yes
IBM Informix Dynamic Server 11.5	DataDirect ODBC 5.3 (1)	Yes
	Informix ODBC SDK 3.50	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 3.51.12	Yes
	MySQL AB JDBC 5.0	Yes
NCR Teradata V2R6.2	NCR Teradata ODBC 3.06 (TTU 8.2)	Yes
	NCR Teradata JDBC 3.04 (TTU 8.2)	Yes

Provider Name	Data Connector	Unicode Support
Teradata V12.0	Teradata ODBC Driver TTU 12.00.00.1	Yes
	Teradata JDBC Driver TTU 12.00.00.1)	Yes
Netezza NPS Server 3.1	Netezza ODBC 3.1	Yes
	Netezza JDBC Access	Yes
Netezza NPS Server 4.0	Netezza ODBC 4.0	Yes
	Netezza JDBC Access	Yes
Netezza NPS Server 4.5	Netezza ODBC 4.5	Yes
	Netezza JDBC 4.5	Yes
Oracle 11g R1 (10.1)	JDBC Oracle 11.1 (2)	Yes
	Oracle Native Client 11.1 (2)	Yes
Oracle 10g R1 (10.1)	JDBC Oracle 10.1 (2)	Yes
	DataDirect ODBC 5.3 (1) (2)	Yes
	Oracle Native Client 10.1 (2)	Yes
Oracle 10g R2 (10.2)	JDBC Oracle 10.2 (2)	Yes
	DataDirect ODBC 5.3 (1) (2)	Yes
	Oracle Native Client 10.2 (2)	Yes
Oracle 9.2	JDBC Oracle 9.2	Yes
	DataDirect ODBC 5.3 (1)	Yes
	Oracle Native Client 9.2	Yes
Progress OpenEdge 10.0B	OpenEdge SQL 10.0B JDBC	Yes
Sybase Adaptive Server Enterprise 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		
Java Bean	JDK 1.5	Yes
XML	JDK 1.5	Yes

Provider Name	Data Connector	Unicode Support
CRYSTAL REPORTS REPORTING DATA SOURCES SUPPORTED FOR SCHEDULING ONLY		
Text	DataDirect ODBC 5.3 (1)	Yes

- (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

No platforms are supported.

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) (1)
- Live Office (Relational)

- (1) CR only supports access to SAP OLAP data via MDX and BW (CRDB) drivers.

Other Tools

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
- IBM Tivoli Directory Server 6.2
- 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

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