

## SAP BusinessObjects Data Services 4.0 Supported Platforms – Windows 32-bit



### Applies to:

SAP BusinessObjects Data Services 4.0 Client Tools

### Summary

This document contains information specific to platforms and configurations for the SAP BusinessObjects Data Services 4.0 SP3 Release (version 14.0.3) for Windows 32-bit.

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## Introduction

This document contains information specific to platforms and configurations for the SAP BusinessObjects Data Services 4.0 release. For the latest information on updates to this document, please visit the support area of the web site at: <http://service.sap.com/bosap-support>.

Note: Anything that is highlighted using red font indicates that it is an update, addition or correction made after the prior release of the Supported Platforms document that was published with this product.

## Products

This information is specific to SAP BusinessObjects Data Services Client version **14.0.3** (Windows 32-bit)

## Languages

- English: UI and docs
- Japanese: UI and docs
- Turkish: UI only

Note: Installer supports English only.

## Supported Operating Systems

### Desktop Products <sup>(2)</sup><sup>(3)</sup>

- Windows Server 2003 SP2 <sup>(1)</sup>
- Windows Server 2003 R2 SP2 <sup>(1)</sup>
- Windows Server 2008 <sup>(1)</sup>
- Windows Server 2008 SP2 <sup>(1)</sup>
- Windows XP SP3
- Windows Vista SP2
- Windows 7

<sup>(1)</sup> Datacenter, Enterprise, Standard, and Web Editions supported

<sup>(2)</sup> Data Services Client 32-bit cannot be co-exist with Data Services 64-bit server components on the same machine.

<sup>(3)</sup> Specified servers versions have been successfully tested by SAP Business Objects. Incremental releases of the specified versions defined by the last number in the server name will be supported as they are made available, but may not have been tested by SAP BusinessObjects. Exceptions in support will be documented.

Please see Compatible Support section of the

[Platforms and Technologies Support Policy Guide for SAP BusinessObjects Products \(2010\)](#)

## Patch Level for Windows 32-bit:

Critical patches are required for successful installation of Data Services. Non-critical patches are recommended, but not required.

Platform /OS	Achitecture	Mode	Patch	Requirement
Windows 2003	X86	32-bit	KB941105 for 32-bit	Recommended <sup>(1)</sup>

- <sup>(1)</sup> Recommend Kernel patch to prevent possible runtime issue

## SAP BusinessObjects and Microsoft Critical Patches

SAP BusinessObjects supports the install of all Microsoft critical patches for the operating systems listed above.

## Product Infrastructure Dependency

Data Services requires SAP BusinessObjects BI or Information platform services (IPS) for security capability. The following is compatible versions:

- SAP BusinessObjects Business Intelligence platform **4.0 SP4** or higher compatible patches  
OR
- SAP BusinessObjects Information platform services **4.0 SP4** or higher compatible patches

The Supported Platforms information of BI/IPS 4.0 can be found in <http://service.sap.com/PAM> or direct link to [PAM of BI 4.0 SP4](#). Documentation and supported platforms information for BI 4.0 also apply to IPS 4.0.

## Minimum Hardware Requirements for SAP BusinessObjects Data Services 4.0

### Data Services Designer

- 1 processor (dual processor with minimum 2 GHz recommended) with a minimum of 1 GB RAM (4 GB recommended)
- 4 GB free disk space

## Supported Connectivity

### Supported Browsers

Browser OS	Browser	Plug-In
Windows	Internet Explorer 7.0	Macromedia <b>Flash Player 9.0</b> or above supported for Internet Explorer
	Internet Explorer 8.0	Macromedia <b>Flash Player 9.0</b> or above supported for Internet Explorer

## Application Connectivity

Data Source	Version	Client	Source	Target
JD Edwards <sup>(1)</sup>	XE (B7.33)	MS SQL Server Client, DB2 iSeries, or Oracle Net Client	x	x
JD Edwards World <sup>(1)</sup>	A7.1		x	x
Oracle E-Business Suite	11i	Oracle Net Client	x	x
	12	Oracle Net Client	x	x
	12.1	Oracle Net Client	x	x
PeopleTools <sup>(2)</sup> to connect to PeopleSoft Applications	8.40 or higher compatible versions	Oracle Net Client	x	x
Salesforce.com	21.0	AppExchange API for Enterprise version 21.0	x	x
SAP NetWeaver BW <sup>(3)</sup>	3.5	RFC SDK 7.10 and JCO 3.0	x	x
	7.0	RFC SDK 7.10 and JCO 3.0	x	x
	7.3	RFCSDK 7.10 and JCO 3.0	x	x
SAP R/3	4.6	SAP GUI Client 6.20 or higher <sup>(4)</sup>	x	x
	4.7	SAP GUI Client 6.20 or higher <sup>(4)</sup>	x	x
SAP ERP	ECC 5.0	SAP GUI Client 6.20 or higher <sup>(4)</sup>	x	x
	ECC 6.0	SAP GUI Client 6.20 or higher <sup>(4)</sup>	x	x
SAP CRM	CRM 2007(6.0)	SAP GUI Client 6.20 or higher <sup>(4)</sup>	x	x
	CRM 7.0	SAP GUI Client 6.20 or higher <sup>(4)</sup>	x	x
SAP SRM	SRM 6.0	SAP GUI Client 6.20 or higher <sup>(4)</sup>	x	x
	SRM 7.0	SAP GUI Client 6.20 or higher <sup>(4)</sup>	x	x
Siebel	7.5.2	MS SQL Server Client, DB2 Connect Enterprise or Personal edition, or Oracle Net Client <sup>(5)</sup>	x	x
	7.7	MS SQL Server Client, DB2 Connect Enterprise or Personal edition, or Oracle Net Client <sup>(5)</sup>	x	x
	8.0	MS SQL Server Client, DB2 Connect Enterprise or Personal edition, or Oracle Net Client <sup>(5)</sup>	x	x
	8.1	MS SQL Server Client, DB2 Connect Enterprise or Personal edition, or Oracle Net Client <sup>(5)</sup>	x	x

**(1) SAP BusinessObjects Data Services with JD Edwards Applications**

If the SAP BusinessObjects Data Services server is on Windows, JDE One World is only supported with source database Microsoft SQL Server, Oracle, and DB2 on AS/400.

If the SAP BusinessObjects Data Services server is on Windows, and JDE World is using DB2 on AS/400, connection must be made through iSeries Access.

**(2) SAP BusinessObjects Data Services with PeopleTools**

PeopleSoft 8 support is implemented for Oracle only. The version of the Oracle client connecting to the underlying PeopleSoft database must be supported by SAP BusinessObjects Data Services.

PeopleTools versions 8.40 and 8.49 were used in certification testing.

Certification for PeopleSoft is based on the version of PeopleTools used to connect to the PeopleSoft Applications. Please check with the vendor for PeopleSoft application versions which are compatible with the listed versions of PeopleTools.

**(3) SAP BusinessObjects Data Services with SAP NetWeaver Business Warehouse**

Loading SAP NetWeaver Business Warehouse (BW) 7.0 is supported only for SAP BW 3.x data sources which can exist in BW 7.0 in emulation mode. Support for native SAP NetWeaver BW 7.0 objects is only provided from BW 7.3 onwards. Extracting from SAP BW through Open Hub is only supported for SAP BW 7.01 Patch Level 003 and above, not for older versions.

The RFC SDK and JCO libraries needed for SAP BW loading and extraction are bundled with the Data Services install. Please refer to the Installation Guide for details on settings for the JCO library to be included in the system path.

**(4) SAP GUI Client**

SAP GUI 7.10 is the recommended version of SAP GUI. However since SAP GUI is backwards compatible, multiple versions are supported. Please refer to [SAP Note 30460](#), which provides detailed compatibility information.

**(5) SAP BusinessObjects Data Services with Siebel**

Siebel support is implemented for Microsoft SQL Server, DB2, and Oracle only. The version of the database client connecting to the underlying Siebel database must be supported by SAP BusinessObjects Data Services.

## Database Connectivity

Data Source <sup>(1)</sup>	Version	Client	Repo	Source	Target
ODBC to Generic Data Sources <sup>(2)</sup>	n/a	DataDirect ODBC Driver V6.0 <sup>(3)</sup>		x	x
HP Neoview	2.3	HP Neoview ODBC 2.3		x	x
	2.4	HP Neoview ODBC 2.4		x	x
IBM DB2/UDB for iSeries	5.4	IBM ISeries Access (ODBC) 5.4		x	x
	5.4	DB2 Connect Enterprise Edition 9.5		x	x
	6.1	DB2 ISeries Access (ODBC) 6.1		x	x
	6.1	DB2 Connect Enterprise Edition 9.5		x	x
	6.1	DataDirect ODBC Driver V6.0 <sup>(3)</sup>		x	x
IBM DB2 Workgroup Edition	9.7	DB2 Connect Enterprise/Personal Edition 9.7	x		
IBM DB2/UDB for Windows/UNIX/Linux	9.1	DB2 Connect Enterprise/Personal Edition 9.1	x	x	x
	9.5	DB2 Connect Enterprise/Personal Edition 9.5	x	x	x
	9.7	DB2 Connect Enterprise/Personal Edition 9.7	x	x	x
IBM DB2/UDB for z/OS	8.1	DB2 Connect Enterprise Edition 9.5		x	x
	8.1	DataDirect ODBC Driver V6.0 <sup>(3)</sup>		x	x
	9.1	DB2 Connect Enterprise Edition 9.7		x	x
	9.1	DataDirect ODBC Driver V6.0 <sup>(3)</sup>		x	x
Informix IDS	10	Informix Client 2.90		x	x
	11	Informix Client 3.50		x	x
	11.5	Informix Client 3.50		x	x
MS SQL Server Express	2008	MS SQL Server Native Client 2008	x		
MS SQL Server	2000 SP4	MS SQL Server Client 2000		x	x
	2005 SP3/SP4	MS SQL Server Client 2005	x	x	x
	2008 R2/SP1	MS SQL Server Native Client 2008	x	x	x
	2012	MS SQL Server Native Client 11		x	x

MySQL	5.0	MySQL ODBC Connector 3.51	x	x	x
	5.1	MySQL ODBC Connector 5.1	x	x	x
Netezza	NPS 4.5	Netezza ODBC driver 4.5		x	x
	NPS 4.6	Netezza ODBC driver 4.6		x	x
	NPS 5.0	Netezza ODBC driver 5.0		x	x
	<b>NPS 6.0</b>	<b>Netezza ODBC driver 6.0</b>		<b>x</b>	<b>x</b>
Oracle	9.2	Oracle Net Client 9.2		x	x
	10g R1	Oracle Net Client 10.1	x	x	x
	10g R2	Oracle Net Client 10.2	x	x	x
	11g	Oracle Net Client 11	x	x	x
	11g R1	Oracle Net Client 11	x	x	x
	11g R2	Oracle Net Client 11	x	x	x
SAP HANA <sup>(4)</sup>	1.0 SP3	HANA ODBC 1.0 SP3		x	x
	<b>1.0 SP4</b>	<b>HANA ODBC 1.0 SP4</b>		<b>x</b>	<b>x</b>
Sybase ASE	15.0	Sybase Open Client 15.0	x	x	x
	15.5	Sybase Open Client 15.5	x	x	x
	<b>15.7</b>	<b>Sybase Open Client 15.7</b>	<b>x</b>	<b>x</b>	<b>x</b>
Sybase IQ	12.7	Sybase ODBC 9 for Adaptive Server IQ 12.7		x	x
	15.1	Sybase ODBC 9 for Adaptive Server IQ 15.1		x	x
	15.2	Sybase ODBC 11 for Adaptive Server IQ 15.2		x	x
	15.3	Sybase ODBC 11 for Adaptive Server IQ 15.3		x	x
	<b>15.4</b>	<b>Sybase ODBC 11 for Adaptive Server IQ 15.4</b>		<b>x</b>	<b>x</b>
Teradata <sup>(5)</sup>	12.0	Teradata ODBC 12.0		x	x
	13.00	Teradata ODBC 13.00		x	x
	13.10	Teradata ODBC 13.10		x	x



- (1) SAP BusinessObjects Rapid Marts are only supported when the SAP BusinessObjects Data Services repository is:
  - a. DB2
  - b. Oracle
  - c. SQL Server
- (2) 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.
- (3) The rebranded version of Data Direct ODBC Drivers V6.0 is bundled in Data Services, including DB2, SQL Server, Oracle 7/8 drivers, and others.
- (4) For latest updates on the supported versions and detailed compatibility information between Data Services and HANA please refer to [SAP Note 1600140](#) .
- (5) The following apply to SAP BusinessObjects Data Services support of Teradata as a source and/or target:

The versions of Teradata TTU client supported include:

Teradata server version	Client version	ODBC driver
12.0	TTU 12.0	12.00
13.00	TTU 13.00	13.0.0.0.5
13.10	TTU 13.10	13.10.0.1

Teradata only provides native 32-bit version of TTU client, which have been validated to interoperate with Data Services native 64-bit products, where available.

Teradata support requires the following TTU patches:

On Windows:

- cliv2.04.08.00.01.exe
- tbld5000.05.00.00.01.exe
- pse15000.05.00.00.01.exe
- pdtc5000.05.00.00.01.exe
- npaxsmo.01.03.01.00.exe
- npaxsmo.01.03.00.02.exe
- npaxsmo.01.03.00.01.exe

### Database Middleware Support

Interoperability combinations between 32-bit / 64-bit releases of database client / server will be supported, so long as vendor compatibility between 32-bit client middleware and server is guaranteed.

### ODBC DSN Support

SAP BusinessObjects products use the 64-bit ODBC registry on all versions of Windows. To administer 32-bit ODBC DSNs on 64-bit versions of Windows, run the 32-bit ODBC Administrator, located here: C:\Windows\SysWOW64\odbcad32.exe

## Mainframe Connectivity

Data Source	Version	Client	Source	Target
Attunity	5.0	Attunity Connect 5.0	x	x
	5.1	Attunity Connect 5.1	x	x
	5.3	Attunity Connect 5.3	x	x

## Technology Connectivity

Data Source	Version	Client	Source	Target
HTTP/HTTPS	1.0	N/A	x	x
	1.1	N/A	x	x
JMS	J2EE 1.5 compatible	N/A	x	x
SOAP <sup>(1)</sup>	1.1	N/A	x	x
WSDL <sup>(1)</sup>	1.1	N/A	x	x

- <sup>(1)</sup> SAP BusinessObjects Data Services uses Apache Axis version 1.4 for its Web Services support. Axis version 1.4 provides support for WSDL version 1.1 and SOAP version 1.1 with the exception of the Axis servlet engine.

## Message Client Library Support

Message Client Library Support		Compiler Version
C++ API	Windows (32-bit)	Visual Studio 2005 SP1 Security patches: Microsoft Visual Studio 2005 Professional Edition - ENU Service Pack 1 (KB926601) Security Update for Microsoft Visual Studio 2005 Professional Edition - ENU (KB937061) Security Update for Microsoft Visual Studio 2005 Professional Edition - ENU (KB971023)
	Linux (64-bit)	g++ (GCC) 4.1.2 20080704 (Red Hat 4.1.2-44)
	AIX (64-bit)	xlC.aix50.rte 10.1.0.0 COMMITTED XL C/C++ Runtime for AIX 5.3 (actual build machine info) IBM XL C/C++ Enterprise Edition V10.1 for AIX
	Solaris (64-bit)	CC: Sun C++ 5.9 SunOS_sparc Patch 124863-01 2007/07/25
	HP-Itanium (64-bit)	aCC: HP C/aC++ B3910B A.06.15 [May 16 2007]
JAVA API	JDK 1.5.0.xx	JAVA version 5.0

## Files Connectivity

Data Source	Version	Client	Source	Target
Text files (delimited and fixed width)	N/A	N/A	x	x
COBOL	ANSI 85	N/A	x	
Excel <sup>(2)</sup>	97, 2000, XP, 2003, 2007, 2010	N/A	x	
XML <sup>(1)</sup>	1.0	N/A	x	x

- (1) SAP BusinessObjects Data Services supports XML Schema version 1.0 as defined by W3c.org.
- (2) Microsoft Access Database Engine 2010 Redistributable is required. Check the “SAP BusinessObjects Data Services Installation Guide for Windows” in the “Software Dependencies” section for dependencies with the installed Microsoft Excel versions.

## Text Data Processing

Language <sup>(1)</sup>
English
German
French
Spanish
Japanese
Simplified Chinese

<sup>(1)</sup> Support all text formats that Data Services can read.

## Other Tools

### Admin Platform

- Citrix Presentation Server 4.5 [Windows Server 2003]

### Virtualization support

For SAP's strategy on virtualization see [SAP Note 1492000](#)

### Simple Network Management Protocol

- SNMP version 1
- SNMP version 2c
- SNMP version 3 (except encryption)

## Finding More Information

For more information and resources, refer to the product documentation and visit the support area of the web site at: <http://help.sap.com/>

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