SAP BusinessObjects
IS 4.1
Product Availability Matrix (PAM)

SAP BusinessObjects IS 4.1 PAM

PRODUCT AVAILABILITY MATRIX

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SAP BusinessObjects IS 4.1 PAM
Product Infrastructure Dependency

Information Steward requires SAP BusinessObjects BI or Information platform services (IPS).   In addition SAP BusinessObjects Data Services is required for Information Steward's Data Insight module.

The following is compatible versions from Information Steward 4.1 Patch 2 (Patch0.2) onwards:

- SAP BusinessObjects Business Intelligence (BI) 4.0 SP4 or higher compatible patches

    Or

    SAP BusinessObjects Information platform services (IPS) 4.0 SP4 or higher compatible patches

- SAP BusinessObjects Data Services 4.1 Patch 2 (Patch0.2) or higher compatible patches

For the availability of any higher compatible patches, see the "Support Packages and Patches" area of the SAP Service Marketplace.

Supported Platforms information for BI platform 4.0 also applies to Information platform services (IPS) 4.0, see "SAP BusinessObjects BI 4.0 Support Package 4 – PAM" under SBOP BI PLATFORM 4.0

For all available products, see http://service.sap.com/PAM

For more information on the compatibility of Information Steward with BI platform or IPS versions, please see SAP Note 1740516

SAP BusinessObjects IS 4.1 PAM
Server Products and Operating Systems

64-bit SAP BusinessObjects Information Steward Server Products	Windows (1)				Linux				(1) 64bit Datacenter, Enterprise, Standard, and Web Editions supported
	Server 2003 x64	Server 2003 R2 x64	Server 2008 x64	Server 2008 R2 x64	SuSE SLES 10 x86_64	SuSE SLES 11 x86_64	Red Hat EL 5 x86_64	Red Hat EL 6 x86_64	
	SP2	SP2	RTM. SP2	RTM. SP1	SP2		Upd. 2	Upd. 2	
Information Steward Web Application	✓	✓	✓	✓	✓	✓	✓	✓	
Information Steward Task Server	✓	✓	✓	✓	✓	✓	✓	✓	
Information Steward DataReview Server	✓	✓	✓	✓	✓	✓	✓	✓	
Information Steward Services	✓	✓	✓	✓	✓	✓	✓	✓	
Information Steward Integrators	✓	✓	✓	✓	x	x	x	x	

Windows/Linux Service Pack Support Policy
Specified servers versions have been successfully tested by SAP BusinessObjects. Incremental releases releases of the specified versions 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).

SAP BusinessObjects IS 4.1 PAM
Language & Web Browser support by Operating System

	Windows	Linux
Languages		
English	✔	✔

		Windows	Linux
Web Browser	**Plug-In**		
IE 7.0	Macromedia Flash Player 9.0 or above supported for Internet Explorer	✔	x
IE 8.0	Macromedia Flash Player 9.0 or above supported for Internet Explorer	✔	x
IE 9.0	Macromedia Flash Player 9.0 or above supported for Internet Explorer	✔	x

Browsers to access Information Steward Web Application are supported on Windows only.

SAP BusinessObjects IS 4.1 PAM
Java Application Server Support by Operating Systems

Application Server	Version	Java Version	Windows	Linux
			Sun JDK	*Sun JDK*
SAP NetWeaver	7.3	SAP JVM 1.6	✓	✓
Tomcat	6.0.20	Java 6	✓	✓
	7	Java 6	✓	✓
WebLogic	10	Java 5	✓	✓
	10	JRockit 5.0	✓	✓
	10.3	Java 6	✓	✓
	10.3	JRockit 6.0	✓	✓
	10.3.3	Java 6	✓	✓
	10.3.3	JRockit 6.0	✓	✓
WebSphere	6.1.0.7	Java 5	✓	✓
	7.0.0.11	Java 6	✓	✓

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. SAP BusinessObjects tests and supports any _xx release installed with a given application server. SAP BusinessObjects Information Steward only supports 64bit version of the JDK.

Application Server Incremental Release Support Policy

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

SAP BusinessObjects IS 4.1 PAM
Application Connectivity support by Operating Systems

Data Source	Version	Client	Windows		Linux	
			Integrator	*Data Insight*	*Integrator*	*Data Insight*
Data Federator	XI 3.0 (12.0)	XI 3.0 (12.0)	✓	x	x	x
	XI 3.0 SP1 (12.0 SP1)	XI 3.0 SP1 (12.0 SP1)	✓	x	x	x
Meta Integration Model Bridge	7.0.3	7.0.3	✓	x	x	x
SAP BusinessObjects BI	XI 3.1 SP2 or higher	XI 3.1 SP2 or higher	✓	x	x	x
	4.0	4.0	✓	x	x	x
SAP BusinessObjects Data Services	XI 3.2 (12.2)	XI 3.2 (12.2)	✓	x	x	x
	4.0 , 4.1	4.0 , 4.1	✓	x	x	x
SAP ERP	ECC 5.0	SAP GUI Client 6.20 or higher (2)	x	✓	x	✓
	ECC 6.0	SAP GUI Client 6.20 or higher (2)	x	✓	x	✓
SAP NetWeaver BW (1)	7.0	RFC SDK 7.10 and JCO 3.0	✓	✓	x	✓
	7.3	RFC SDK 7.10 and JCO 3.0	✓	✓	x	✓

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

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.

(2) **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.

SAP BusinessObjects IS 4.1 PAM
DBMS Connectivity Support by Operating Systems [1/4]

Table #1

Database	Version	ODBC Client (1)	JDBC Client (2)	Windows				Linux			
				Data Review Staging	Repo	Inte-grator	Data Insight	Data Review Staging	Repo	Inte-grator	Data Insight
IBM DB2 for Windows/UNIX/Linux	8.2	DB2 Connect Enterprise Edition 9.1	N/A	x	x	x	✓	x	x	x	✓
	9.1	DB2 Enterprise/Personal Edition 9.1	db2jcc.jar (3.57.82)	✓	✓	✓	✓	✓	✓	x	✓
	9.5	DB2 Enterprise/Personal Edition 9.5	db2jcc.jar (3.57.82)	✓	✓	✓	✓	✓	✓	x	✓
	9.7	DB2 Enterprise/Personal Edition 9.7	db2jcc.jar (3.57.82)	✓	✓	✓	✓	✓	✓	x	✓
	9.7	DB2 Workgroup Edition	db2jcc.jar (3.57.82)	✓	✓	✓	✓	✓	✓	x	✓
Informix IDS	10	Informix Client 2.90	N/A	x	x	x	✓	x	x	x	✓
	11	Informix Client 3.50	N/A	x	x	x	✓	x	x	x	✓
Microsoft SQL Server	2000 SP4	MS SQL Server Client 2000 (Windows) DataDirect ODBC Driver V6.0 (Linux)	sqljdbc.jar (10.1.2)	x	x	✓	✓	x	x	x	✓
	2005 SP3	MS SQL Server Client 2005 (Windows) DataDirect ODBC Driver V6.0 (Linux)	sqljdbc.jar (10.1.2)	✓	✓	✓	✓	✓	x	x	✓
	2008 R2/SP1	MS SQL Server Client 2008 (Windows) DataDirect ODBC driver V6.0 (Linux)	sqljdbc.jar (10.1.2)	✓	✓	✓	✓	✓	x	x	✓
Microsoft SQL Server Express	2008	MS SQL Server Native Client 2008 (Windows) DataDirect ODBC driver V6.0 (Linux)	sqljdbc.jar (10.1.2)	✓	✓	✓	✓	✓	x	x	✓

(1) All Database Clients for Data Insight and Repository are required to use a 64bit Client.

(2) The Client Connector for Information Steward Data Insight is an ODBC or Native Connection. Information Steward's repository or RDB Integrator is a JDBC connection.

DBMS Connectivity Support by Operating Systems [2/4]

Table #2

Database	Version	ODBC Client (1)	JDBC Client (2)	Windows				Linux			
				Data Review Staging	Repo	Integrator	Data Insight	Data Review Staging	Repo	Integrator	Data Insight
MySQL	5.0	MySQL ODBC Connector 3.51	mysql-connector-java 5.0.4-bin	x	x	✓	✓	x	x	x	✓
	5.1	MySQL ODBC Connector 5.1	mysql-connector-java 5.1.18-bin	x	x	✓	✓	x	x	x	✓
Netezza	NPS 4.5	Netezza ODBC Driver 4.5	N/A	x	x	x	✓	x	x	x	✓
	NPS 4.6	Netezza ODBC Driver 4.6	N/A	x	x	x	✓	x	x	x	✓
	NPS 5.0	Netezza ODBC Driver 5.0	N/A	x	x	x	✓	x	x	x	✓
ODBC to Generic Data Sources(3)	n/a	DataDirect ODBC Driver V6.0(4)	N/A	x	x	x	✓	x	x	x	✓
Oracle	9.2	Oracle Net Client 9.2	ojdbc5.jar / ojdbc6.jar	x	x	✓	✓	x	x	x	✓
	10gR1	Oracle Net Client 10.1	ojdbc5.jar / ojdbc6.jar	✓	✓	✓	✓	✓	✓	x	✓
	10gR2	Oracle Net Client 10.2	ojdbc5.jar / ojdbc6.jar	✓	✓	✓	✓	✓	✓	x	✓
	11g	Oracle Net Client 11	ojdbc5.jar / ojdbc6.jar	✓	✓	✓	✓	✓	✓	x	✓
	11gR1	Oracle Net Client 11.1	ojdbc5.jar / ojdbc6.jar	✓	✓	✓	✓	✓	✓	x	✓
	11gR2	Oracle Net Client 11.2	ojdbc5.jar / ojdbc6.jar	✓	✓	✓	✓	✓	✓	x	✓

(1) All Database Clients for Data Insight and Repository are required to use a 64bit Client.

(2) The Client Connector for Information Steward Data Insight is an ODBC or Native Connection. Information Steward's repository or RDB Integrator is a JDBC connection.

(3) 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.

(4) 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.

SAP BusinessObjects IS 4.1 PAM
DBMS Connectivity Support by Operating Systems [3/4]

Table #3

Database	Version	ODBC Client [1]	JDBC Client [2]	Windows				Linux			
				Data Review Staging	Repo	Inte-grator	Data Insight	Data Review Staging	Repo	Inte-grator	Data Insight
SAP HANA [3]	1.0 SP3	HANA ODBC 1.0 SP3 (1.00.25)	ngdbc.jar 1.0 SP3	✓	✓	✓	✓	✓	✓	x	✓
	1.0 SP4	HANA ODBC 1.0 SP4	ngdbc.jar 1.0 SP4	✓	✓	✓	✓	✓	✓	x	✓
Sybase ASE	15.0	Sybase Open Client 15.0	N/A	✓	x	x	✓	x	x	x	✓
	15.5	Sybase Open Client 15.5	N/A	✓	x	x	✓	x	x	x	✓
Sybase IQ	12.7	Sybase ODBC 9 for Adaptive Server IQ 12.6	N/A	x	x	x	✓	x	x	x	✓
	15.1	Sybase ODBC 9 for Adaptive Server IQ 15.1	N/A	x	x	x	✓	x	x	x	✓
	15.2	Sybase ODBC 11 for Adaptive Server IQ 15.2	N/A	x	x	x	✓	x	x	x	✓
	15.3	Sybase ODBC 11 for Adaptive Server IQ 15.3	N/A	x	x	x	✓	x	x	x	✓

(1) All Database Clients for Data Insight and Repository are required to use a 64bit Client.

(2) The Client Connector for Information Steward Data Insight is an ODBC or Native Connection. Information Steward's repository or RDB Integrator is a JDBC connection.

(3) Refer to SAP Note 1600140 for the latest updates on supported versions and detailed compatibility information between Data Services and Information Steward with SAP HANA

SAP BusinessObjects IS 4.1 PAM
DBMS Connectivity Support by Operating Systems [4/4]

Table #4				Windows				Linux			
Database	**Version**	**ODBC Client (1)**	**JDBC Client (2)**	Data Review Staging	Repo	Inte-grator	Data Insight	Data Review Staging	Repo	Inte-grator	Data Insight
Teradata [3]	12.0	Teradata ODBC 12.00	Teradata JDBC 12.0	x	x	✓	✓	x	x	x	✓
	13.0	Teradata ODBC 13.0.0.0.5	Teradata JDBC 13.0	x	x	✓	✓	x	x	x	✓
	13.1	Teradata ODBC 13.10.0.1	Teradata JDBC 13.1	x	x	✓	✓	x	x	x	✓

(1) All Database Clients for Data Insight and Repository are required to use a 64bit Client.
(2) The Client Connector for Information Steward Data Insight is an ODBC or Native Connection. Information Steward's repository or RDB Integrator is a JDBC connection.
(3) Information Steward Client for Teradata Integrator users must install the JDBC Driver from the Teradata package.

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 [Only for Windows]:
- cliv2.04.08.00.01.exe
- tbld5000.05.00.00.01.exe
- psel5000.05.00.00.01.exe
- pdtc5000.05.00.00.01.exe
- npaxsmod.01.03.01.00.exe
- npaxsmod.01.03.00.02.exe
- npaxsmod.01.03.00.01.exe

SAP BusinessObjects IS 4.1 PAM
Other connectivity Support by Operating Systems

	Data Source/Integrator	Version	Client	Windows		Linux	
				Integrator	Data Insight	Integrator	Data Insight
File Connectivity	Text files (delimited and fixed width)	N/A	N/A	x	✓	x	✓
	CWM	1	N/A	✓	x	x	x
Integrator Connectivity (MITI)	MIMB	7.0.3	N/A	✓	x	x	x

SAP BusinessObjects Information Steward now provides a metadata integrator for the Metadata Bridge (MIMB) from Meta Integration® Technology Inc. (MITI).

Information on metadata sources or tools supported by the MIMB can be found on the Meta Integration Technologies Inc (MITI) website: http://metaintegration.net/Products/MIMB/SupportedTools.html. SAP BusinessObjects Information Steward supports most but not all the metadata sources supported by MIMB including those for SAP BusinessObjects. Following is a list of metadata sources not supports
- *ANSI*
- *CoSort*
- *IBM InforSphere Discovery*
- *Informatica Data Analyzer*
- *Kalido*
- *Meta Integration*
- *Micro Focus*
- *Microsoft SQL Server Repository*
- *Microsoft Server XML Data Reduced (XDR) Schema*
- *OpenText*
- *SAS*

Metadata integrators for SAP BusinessObjects products are created by SAP BusinessObjects and bundled in SAP BusinessObjects Metadata Management. MIMB version release information can be found under "Readme" in the abovementioned website.

Appendix

SAP BusinessObjects IS 4.1 PAM
Product Dependency Software & Hardware Requirements

SAP BusinessObjects BI

For the minimum software, hardware requirement of BI 4.0 SP4, refer to "SAP BusinessObjects BI 4.0 Support Package 4 – PAM" under SBOP BI PLATFORM 4.0

Information platform services (IPS)

- Minimum Screen Resolution

    - Screen resolution of [1024] x [768] is recommended

- Minimum Hardware Requirements

    - 2 processors with minimum 2 GHz recommended

    - 4 GB RAM Recommended

- Recommended Disk Space Requirements

    - 5 GB for default installation with English language only installed

    - 8 GB for default installation with all languages

    - Additional requirement for web application deployment for Information platform services:

        o The deployment of web applications to a web application server with the WDeploy tool requires at least 4 GB of RAM (8 GB for SAP NetWeaver AS Java 7.2), and 15 GB of free disk space, plus a minimum 5 GB of free space on the drive that hosts the temporary folder defined with the %TEMP% environment variable, for the deployment of web applications. This is in addition to any other requirements of the web application server or any other servers or services installed on the host.

        o For more information, see SAP BusinessObjects BI Web Application Guide.

SAP BusinessObjects Data Services

For additional software, hardware and supported platforms , refer to Data Services 4.1 PAM under SBOP Data Services 4.1

SAP BusinessObjects IS 4.1 PAM
Minimum Hardware Requirements for Installation [1/2]

Single machine

The following is total minimum hardware requirements to install Information Steward and its dependencies (BI/IPS, Data Services) in one system:

- 4 processors (or 2 dual core processors) with minimum 2 GHz recommended
- 8 GB RAM Recommended
- Disk Space Requirements (not including Operating System):
  - ➢ 30 GB for default installation.

Note:
1) Please plan additional disk space for future patches installation.
2) Run-time disk space requirement depends on the side of the datasets, types of server tasks, number of server tasks etc. For a single machine scenario please plan at least 200 GB additional disk space.

Distributed Landscape

Note: You must plan the hardware requirements to install IS and its dependencies as specified in each IS component.

Windows/Linux support is limited strictly to Intel/AMD chipsets. SAP BusinessObjects IS software for Windows/Linux is not warranted or supported for use on other chipsets. The application is supported running on 64-bit versions of Windows/Linux running on x64 CPUs made by AMD and Intel.

SAP BusinessObjects IS 4.1 PAM
Minimum Hardware Requirements for Installation [2/2]

Information Steward Web Application
- 2 processors with a minimum of 2 GB RAM (4 GB recommended)
- 4 GB free disk space

Note: Information Steward Web Application must be deployed with SAP BusinessObjects BI Web Application component.

Information Steward Task Server
- 2 processors with a minimum of 2 GB RAM (8 GB recommended)
- 4 GB free disk space

Information DataReview Server
- 2 processors with a minimum of 2 GB RAM (8 GB recommended)
- 4 GB free disk space

Information Steward Services
- 2 processors with a minimum of 1 GB RAM (2 GB recommended)
- 4 GB free disk space

Information Steward Integrators
- 2 processors with a minimum of 2 GB RAM (4 GB recommended)
- SAP BusinessObject Information Steward Integrators:
  - 1 GB free disk space
- Metadata Bridge (MIMB) Integrators
  - 1 GB free disk space

SAP BusinessObjects IS 4.1 PAM
Database Connectivity Support Policy

Information Steward Database Connectivity Support policy

SAP BusinessObjects Information Steward RDBMS support is defined by the version of the database client interface. Any database client interface supported by will be supported in any client-server combination which is supported by the database vendor. If a vendor announces that they will discontinue support, Information Steward must discontinue on-going support for that database.

Information Steward supports all client interfaces listed in this document and client interfaces that are compatible with versions listed.

Unless explicitly stated otherwise, all database versions refer to the generally available versions provided by the vendor for an "x.x" release.

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