IBM InfoSphere Discovery 4.5
System Requirements

The system requirements described in this document are applicable to the following products:

- IBM® InfoSphere™ Discovery 4.5, 4.5.1
- IBM InfoSphere Discovery for Information Integration 4.5, 4.5.1
- IBM InfoSphere Discovery Workgroup Edition 4.5, 4.5.1

This document describes the following requirements for installing and using the InfoSphere Discovery products:

1. Minimum hardware requirements for each InfoSphere Discovery host
2. Supported operating systems
3. Non-IBM software requirements
4. Database management systems (DBMS) supported as the repository and staging data source
5. DBMS support for source and target data sources

   DBMS support is classified into two tiers:

   - Tier I: These DBMS are fully tested and certified to work with InfoSphere Discovery.

   - Tier 2: These DBMS have previously worked or should work with InfoSphere Discovery. However, they were not fully tested with this release of InfoSphere Discovery. Tier 2 DBMS are supported for PoCs and PoTs, and will be fully tested and certified upon four weeks' notice of intent to purchase InfoSphere Discovery.

   Flat files are supported. For any DBMS not listed, talk to your sales representative about certification upon purchase of InfoSphere Discovery.

1. Minimum hardware requirements for each InfoSphere Discovery host

Each host of a InfoSphere Discovery component must meet the following minimum requirements.

	Discovery Engine only	Discovery Server only	Discovery Studio only	All three components on one host
CPU	3 GHZ Pentium 4 or better	3 GHZ Pentium 4 or better	3 GHZ Pentium 4 or better	3 GHZ dual core or better
RAM	2 GB	2 GB	2 GB	3 GB
Free disk space for installation	2 GB	2 GB	2 GB	4 GB
Monitor	N/A	N/A	1280x1024 resolution	1280x1024 resolution

2. Supported operating systems for each InfoSphere Discovery host

InfoSphere Discovery components are supported on the following operating systems.

Note: These requirements do not apply to flat-file hosts or DBMS servers. Flat files and DBMS servers can use any hardware and operating system as long as InfoSphere Discovery has a network connection to the host.

	Discovery Studio	Discovery Engine	Discovery Server
Windows XP 32-bit SP2 or higher	✔	✔	✔
Windows Server 2003 32-bit SP2 or higher	✔	✔	✔
Windows 7 Professional 32-bit	✔	✔	✔
Run as 32-bit application on Windows 7 Professional 64-bit	✔	✔	✔
Windows Server 2008 32-bit	✔	✔	✔
Run as 32-bit application on Windows Server 2008 R2 64-bit	✔	✔	✔

3. Non-IBM software requirements

Discovery can create reports in Microsoft Excel. The Discovery Studio host must have Excel 2002 (XP) or Excel 2003 installed and configured to print.

4. Supported DBMS for repository and staging data sources

The following databases are supported as repository data sources and staging data sources.

DBMS	Version	ODBC and JDBC Drivers
Oracle	10g R2 32/64 bit 11g R1/R2 32/64 bit	Corresponding Oracle ODBC drivers Oracle 11g R2 JDBC driver
IBM DB2®	UDB 9.1 LUW non partitioned 32/64 bit UDB 9.5 LUW non partitioned 32/64 bit UDB 9.7 LUW non partitioned 32/64 bit	Corresponding DB2 ODBC driver JDBC driver installed by Discovery

5a. Tier 1 (certified) DBMS for source and target data sources

InfoSphere Discovery supports the following databases as source and target data sources. Transformation discovery (TD) projects require ODBC and JDBC drivers. Source data discovery (SDD) projects require only JDBC drivers. InfoSphere Discovery automatically installs some of the following JDBC drivers:

DBMS	Version	ODBC and JDBC Drivers
Datacom*	Datacom r11 and InfoSphere™ Classic Federation Server 9.5 for z/OS	Classic Federation 9.5 ODBC driver Discovery installs supported JDBC driver
IBM DB2 iSeries	V6R1	IBM DB2 UDB 9.7 ODBC driver IBM Toolbox for Java JDBC driver 7.1.0.3
IBM DB2 UDB	UDB 9.1 LUW 32-bit or 64- bit UDB 9.5 LUW 32-bit or 64- bit UDB 9.7 LUW 32-bit or 64- bit	Corresponding IBM DB2 UDB ODBC driver JDBC driver installed by Discovery
IBM DB2 z/OS	DB2 UDB V9.1 z/OS, OS Level 1.7	DB2 9.1 LUW EE Fix Pack 3a ODBC driver JDBC driver installed by Discovery
Informix	Informix 11.5	Corresponding Informix JDBC driver
Netezza	6.0, 5.0.4	Corresponding Netezza ODBC and JDBC drivers
IMS*	IMS v10 and InfoSphere Classic Federation Server 9.5 for z/OS	Classic Federation 9.5 ODBC driver JDBC driver installed by Discovery
MS SQL Server	2005 2008	Corresponding MS SQL Server ODBC and JDBC drivers
Optim Archive Files	7.3.0	Attunity JDBC driver v5.3
Oracle	10g R2 32/64 bit 11g R1/R2 32/64 bit	Corresponding Oracle ODBC drivers Oracle 11g R2 JDBC drivers
Teradata	6.01.01.17	ODBC driver 3.05.00.04 Corresponding Teradata JDBC driver
Teradata	12.00.02.07	ODBC driver 12.0.00.10 Corresponding Teradata JDBC driver
VSAM*	VSAM on z/OS v1.10 and Classic Federation 9.5	Classic Federation 9.5 ODBC driver JDBC driver installed by Discovery
VSAM*	VSAM on z/OS v1.10	Optim Connect Driver for ODBC v 5.3 Attunity JDBC driver v 5.3
Sybase	12.5.4	Corresponding Sybase ODBC and JDBC

DBMS	Version	ODBC and JDBC Drivers
		drivers

InfoSphere Discovery supports all other versions of Datacom, IMS, and VSAM that are compatible with Classic Federation 9.5. Refer to the InfoSphere Classic Federation Server 9.5 support matrix for details.

5b. Tier 2 (not fully tested) DBMS for source and target data sources

The following databases have previously been supported and are likely to work as source and target data sources, but they were not fully tested with this version of InfoSphere Discovery. Transformation discovery (TD) projects require ODBC and JDBC drivers. Source data discovery (SDD) projects require only JDBC drivers.

DBMS	Version	ODBC Driver
Oracle	9i 10g R1	Corresponding Oracle ODBC driver Oracle 11gr2 JDBC driver
IBM DB2 z/OS	DB2 UDB V8.x z/OS	Corresponding IBM DB2 ODBC driver Discovery installs supported JDBC driver
MS SQL Server	2000	Corresponding MS SQL Server ODBC and JDBC drivers
Sybase	15.x	Corresponding Sybase ODBC and JDBC drivers

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