

IBM InfoSphere Discovery 4.6 System Requirements

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

- IBM® InfoSphere™ Discovery 4.5, 4.5.1, 4.6
- IBM InfoSphere Discovery for Information Integration 4.5, 4.5.1, 4.6
- IBM InfoSphere Discovery for z/OS 4.5, 4.5.1, 4.6
- IBM InfoSphere Discovery for Information Integration Workgroup Edition 4.5, 4.6

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 1: 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.

Fixed-width and column-delimited 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 an 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	4 GB	4 GB	3 GB	8 GB
Free disk space for installation	10 GB	10 GB	5 GB	20 GB

Monitor	N/A	N/A	1280x1024 resolution (1600x1400 or higher is preferred)	1280x1024 resolution (1600x1400 or higher is preferred)
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2. Supported operating systems for each InfoSphere Discovery host

These requirements are for the hosts running the InfoSphere Discovery software. The hosts serving the source data (DBMS or flat files) can use any supported hardware and operating system, as long as InfoSphere Discovery has a network connection to the host.

Although InfoSphere Discovery runs as a 32-bit application in 64-bit Windows operating systems, consider using the 64-bit Windows operating system because it supports greater amounts of memory. The 32-bit Windows systems are limited to 4 GB of RAM.

InfoSphere Discovery components are supported on the following operating systems.

	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	✓	✓	✓
Windows 7 Professional 64-bit with Discovery running as a 32-bit application	✓	✓	✓
Windows Server 2008 32-bit	✓	✓	✓
Windows Server 2008 R2 64-bit with Discovery running as a 32-bit application	✓	✓	✓

3. Non-IBM software requirements

Discovery can generate project reports by using Microsoft™ Excel as a report generation engine. The Discovery Studio host must have Excel 2002 (XP) or Excel 2003 installed and Excel must be 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 R2 32/64 bit	Corresponding Oracle ODBC drivers Oracle 11g R2 JDBC driver

IBM® DB2® Linux™, UNIX™, and Windows™	9.1 non-partitioned 32/64 bit 9.5 non-partitioned 32/64 bit 9.7 non-partitioned 32/64 bit	Corresponding 32-bit DB2 ODBC driver JDBC driver installed by Discovery
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5a. Tier 1 (certified) DBMS for source and target data sources

InfoSphere Discovery supports the following databases as source and target data sources. InfoSphere Discovery projects require JDBC drivers. InfoSphere Discovery hosts require a JDBC and an ODBC connection to the staging data source. InfoSphere Discovery automatically installs some of the following JDBC drivers:

DBMS	Version	JDBC Driver
Datacom*	Release 11 and InfoSphere® Classic Federation Server 9.5 for z/OS	JDBC driver installed by Discovery
IBM® DB2® for i	V6R1	IBM Toolbox for Java™ JDBC driver 7.1.0.3 or JDBC driver installed by Discovery
IBM® DB2® Linux™, UNIX™, and Windows™	Version 9.1 32-bit or 64-bit Version 9.5 32-bit or 64-bit Version 9.7 32-bit or 64-bit	JDBC driver installed by Discovery
IBM® DB2® for z/OS®	Version 9.1, OS Level 1.7	JDBC driver installed by Discovery
IBM® Informix®	11.5	Corresponding Informix JDBC driver
Netezza®	6.0, 5.0.4	Corresponding Netezza JDBC driver
IMS™*	v10 and InfoSphere Classic Federation Server 9.5 for z/OS	JDBC driver installed by Discovery
Microsoft™ SQL Server	2005 2008	Corresponding MS SQL Server JDBC driver
Optim™ Archive Files	7.3.0	Attunity JDBC driver v5.3
Oracle	10g R2 32/64 bit 11g R2 32/64 bit	Oracle 11g R2 JDBC driver
Teradata	6.01.01.17	Corresponding Teradata JDBC driver
Teradata	12.00.02.07	Corresponding Teradata JDBC driver
VSAM* on z/OS®	v1.10 and Classic Federation 9.5	JDBC driver installed by Discovery
VSAM* on z/OS®	v1.10	Attunity JDBC driver v 5.3
Sybase	12.5.4	Corresponding Sybase JDBC driver
CA IDMS	V17 and Classic Federation 9.5	JDBC driver installed by Discovery

**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. InfoSphere Discovery projects require JDBC drivers. InfoSphere Discovery hosts require a JDBC and an ODBC connection to the staging data source.

DBMS	Version	JDBC Driver
Oracle	9i	Oracle 11gr2 JDBC driver
IBM® DB2® for z/OS®	V8.x z/OS	Discovery installs supported JDBC driver
Microsoft™ SQL Server	2000	Corresponding MS SQL Server JDBC driver
Sybase	15.x	Corresponding Sybase JDBC driver

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