

## IBM InfoSphere Discovery 4.5.0 System Requirements

This document describes the following requirements for installing and using IBM® InfoSphere™ Discovery 4.5.0:

1. Minimum hardware requirements for each Discovery host
2. Supported operating systems
3. Third-party 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 Discovery.
    - Tier 2: These DBMS have previously worked or should work with Discovery. However, they were not fully tested with this release of 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 Discovery.

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

### 1. Minimum hardware requirements for each Discovery host

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

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

## 2. Supported operating systems for each Discovery host

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 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	✓	✓	✓

## 3. Third-party software requirements

Discovery can create reports in 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 32/64 bit	Corresponding Oracle ODBC drivers Oracle 11g R2 JDBC driver
IBM DB2 <sup>®</sup>	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

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. 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
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
Netezza	5.0.4	Corresponding Netezza ODBC and JDBC drivers
Optim Archive Files	7.3.0	Attunity JDBC driver v5.3
Oracle	10g R2 32/64 bit 11g R1 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 drivers

\* 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 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

### About IBM InfoSphere Solutions

IBM InfoSphere products accelerate the delivery of trusted information for business optimization. Business optimization requires information that is accurate, complete, in context and actionable. Achieving this level of trusted business information requires transforming, reconciling and maintaining information, and delivering it in real time to the people, processes and applications that need it. IBM InfoSphere products stand alone in the market by offering the breadth of capabilities required for the end to end management and delivery of trusted business information.

### About IBM Optim Integrated Data Management Solutions

IBM Optim Integrated Data Management Solutions offer proven, integrated capabilities to manage enterprise application data from requirements to retirement. With IBM Optim, teams can share data artifacts (like models, policies and metadata) to align data management with business goals and improve collaboration. Today, organizations of all types leverage IBM Optim to improve performance, streamline database administration, speed application development, and enable effective governance. IBM Optim delivers better business outcomes, at lower cost, with less risk, while providing capabilities that scale across enterprise applications, databases and platforms.

### For more information

IBM InfoSphere Discovery complements the value of IBM Information Management solutions, including the IBM InfoSphere and IBM Optim product portfolios. To learn more, contact your IBM sales representative or visit the following Web sites:

[www.ibm.com/software/data/ips](http://www.ibm.com/software/data/ips)  
[www.ibm.com/software/data/optim-solutions](http://www.ibm.com/software/data/optim-solutions)

© Copyright IBM Corporation 2011

IBM Software Group  
Route 100  
Somers NY 10589  
U.S.A.  
[www.ibm.com](http://www.ibm.com)

Produced in the United States of America  
02-11  
All Rights Reserved

DB2, IBM, the IBM logo, InfoSphere and Optim are trademarks or registered trademarks of the IBM Corporation in the United States, other countries or both.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both. UNIX is a registered trademark of The Open Group in the United States and other countries. Windows and SQL Server are registered trademarks of Microsoft Corporation in the United States and other countries. All other company or product names are trademarks or registered trademarks of their respective owners.

References in this publication to IBM products, programs or services do not imply that IBM intends to make them available in all countries in which IBM operates or does business.

Each IBM customer is responsible for ensuring its own compliance with legal requirements. It is the customer's sole responsibility to obtain advice of competent legal counsel as to the identification and interpretation of any relevant laws and regulatory requirements that may affect the customer's business and any actions the customer may need to take to comply with such laws. IBM does not provide legal advice or represent or warrant that its services or products will ensure that the customer is in compliance with any law.