**IBM InfoSphere Discovery 4.5 System Requirements**

**Overview**

This document describes the following:

- Operating system requirements for installing IBM® InfoSphere™ Discovery components
- Third-party software requirements
- Database management systems (DBMSs) supported for repository and staging
- DBMSs that InfoSphere Discovery is able to access as source or target.  DBMS access is classified into two tiers:
  - Tier I: Certified. These DBMSs are fully tested to work with InfoSphere Discovery.
  - Tier 2: These DBMSs are known to work in the past or should work with Discovery even though a full certification cycle was not run on them during the latest release cycle. They are supported for PoCs and PoTs and will be fully retested and certified with 4 weeks of notice for purchases.
  - All other DBMS types: Talk to your sales representative about certification upon purchase.

**Minimum Hardware Requirement**

|  | Engine separate | Server separate | Studio separate | Combination install |
|---|---|---|---|---|
| **CPU** | Minimum 3 GHZ Pentium 4 or better | Minimum 3 GHZ Pentium 4 or better | Minimum 3 GHZ Pentium 4 or better | Minimum 3 GHZ dual core or better |
| **RAM** | 2 GB minimum | 2 GB minimum | 2 GB minimum | 3 GB minimum |
| **Disk space for installation** | 2 GB minimum | 2 GB minimum | 2 GB minimum | 4 GB minimum |
| **Monitor** | NA | NA | Minimum resolution 1280x1024 | Minimum resolution 1280x1024 |

**Supported Operating Systems**

| Component | Supported OS |
|---|---|
| Discovery Studio | Windows XP 32 bit SP2 or higher.<br>Windows Server 2003 32 bit SP2 or higher<br>Windows 7 professional 32 bit<br>Windows Server 2008 32  bit |
| Discovery Engine | Windows XP 32 bit SP2 or higher.<br>Windows Server 2003 32 bit SP2 or higher<br>Windows 7 professional 32 bit<br>Windows Server 2008 32  bit |
| Discovery Server | Windows XP 32 bit SP2 or higher.<br>Windows Server 2003 32 bit SP2 or higher<br>Windows 7 professional 32 bit<br>Windows Server 2008 32  bit Windows Server 2008 32 bit |

**Supported DBMS for repository and staging**

| DBMS | Versions | ODBC/JDBC Driver |
|---|---|---|
| Oracle | 10g R2 32/64 bit<br>11g R1 32/64 bit | Corresponding Oracle drivers |
| IBM DB2® | UDB 9.1 LUW non partitioned 32/64 bit<br>UDB 9.5 LUW non partitioned 32/64 bit<br>UDB 9.7 LUW non partitioned 32/64 bit | Corresponding DB2 drivers |

**Supported Source/target DBMS: in addition to flat files**

| DBMS | Version | ODBC Driver |
|---|---|---|
| MS SQL Server | 2005 | Corresponding MS SQL Server ODBC driver |
| Oracle | 10g R2 32/64 bit<br>11g R1 32/64 bit | Corresponding Oracle ODBC driver. |
| IBM DB2 z/OS | DB2 UDB V9.1 z/OS<br>OS Level: 1.7 | DB2 9.1 LUW EE fix pack 3a or DB2 9.5. Other ODBC drivers are not supported. |
| IBM DB2 UDB | UDB 9.1 LUW 32/64 bit<br>UDB 9.5 LUW 32/64 bit<br>UDB 9.7 LUW 32/64 bit | Corresponding IBM DB2 ODBC driver. |
| Teradata | Server version 6.01.01.17. | ODBC driver 3.05.00.04 |
| Datacom through InfoSphere™ Classic Federation Server for z/OS | Datacom r11, Classic Federation 9.5. | InfoSphere Classic Federation 9.5 ODBC driver |
| IMS through InfoSphere Classic Federation Server for z/OS | IMS v 10, Classic Federation 9.5 | InfoSphere Classic Federation 9.5 ODBC driver |
| VSAM through InfoSphere Classic Federation Server for z/OS | VSAM on zOS v1.10 through Classic Federation 9.5 | InfoSphere Classic Federation 9.5 ODBC driver |
| Netezza | 5.0.4 | Netezza ODBC driver 5.0.4 |
| Sybase | 12.5.4 | Corresponding Sybase ODBC driver. |

*\* Besides the versions listed above, all other versions of Datacom, IMS, and VSAM that are compatible with InfoSphere Classic Federation 9.5 will also work. Please refer to the support matrix of InfoSphere Classic Federation 9.5 for more details.*

**Supported Source/target DBMS: Tier 2**

| DBMS | Version | ODBC Driver |
|---|---|---|
| Oracle | 9i, 10g R1 | Corresponding Oracle ODBC driver. |
| IBM DB2 z/OS | DB2 UDB V8.x z/OS | Corresponding IBM DB2 ODBC driver. |
| MS SQL Server | 2000 | Corresponding MS SQL Server ODBC driver |
| Sybase | 15.x | Corresponding Sybase ODBC driver. |

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