

FEATURES OF DIFFERENT VERSIONS OF ENLIST

Enlist provides read/write SQL access to LDAP-enabled directory servers. The core component of Enlist that offers the necessary functionality is a powerful SQL processing engine.

Enlist comes in three different versions:

1. **Enlist Lite Version 2.0**
2. **Enlist Professional Version 2.0**
3. **Enlist Enterprise Version 3.x**

Features	Enlist Lite Version 2.0	Enlist Professional Version 2.0	Enlist Enterprise Version 3.x
Client-Server	Not supported	Not supported	Supports Client-Server interaction. The Enlist Server is a powerful SQL Engine while the Client is a lightweight ODBC driver querying the Enlist Server.
Cross-Platform	Supports Windows NT and Windows 2000	Same as Enlist Lite	Supports Windows NT, Windows 2000 and Solaris 8 platforms.
Multithreaded support	Not supported	Supported	Supported
Internationalization	Enlist supports data conversions for Latin-1 languages that cover the UTF-8 character set.	Same as Enlist Lite	Same as Enlist Lite
Administration Console	Enlist supports an easy-to-use GUI for manipulating the Enlist schema and performing directory-specific operations. It also provides a SQL execution tool that is used for validating the Enlist schema and executing SQL statements.	Same as Enlist Lite	Administration Console functions on top of Client-Server architecture with a command driven interface for managing Enlist schema. It also performs directory-specific operations.
Scalability	Not applicable	Can cater to large number of concurrent connections at a time.	The Enlist Server can cater to a larger number of concurrent connections from multiple Enlist Clients. Future versions of Enlist Clients will also support JDBC and XML.
Remote Logging Facility	Not supported	Not supported	Supported
Demo Scripts	Not provided	Not provided	Enlist package comes with automated demo scripts, which highlight the SQL reporting facility over the demo directory data provided.
ODBC Tool	Table Query tool is provided, which enables a user to connect and execute a quick, ad hoc query against tables in a DSN through the Enlist SQL engine.	Same as Enlist Lite	SQL Query Builder, a simple GUI-based ODBC tool, is provided that enables to create and execute SQL queries over any type of ODBC DSNs including Enlist DSNs.

Enlist Professional is capable of handling multiple concurrent ODBC connections at a given time. Apart from this difference, the **Enlist Lite** and **Enlist Professional** have the same functionality.

The following tables compare the features of Enlist Professional Version 2.0 and Enlist Enterprise Version 3.x:

LDAP-compliant directory server support

LDAP-compliant Directory Servers	Enlist Professional Version 2.0	Enlist Enterprise Version 3.x
Netscape 4.1	Supported	Supported
iPlanet 5.0	Not tested	Supported
Microsoft Exchange 5.5	Supported	Supported
Active Directory	Supported	Supported
Open LDAP Directory	Supported	Will be supported in future point Releases.
InJoin Directory	Supported	Supported
IBM SecureWay Directory	Supported	Will be supported in future point Releases.
Microsoft Site Server	Supported	Will be supported in future point Releases.
Lotus Domino Directory R5	Not tested	Supported
Siemens DirX Directory 6.0	Not tested	Supported

Database-specific capabilities

Database-specific Capabilities	Enlist Professional Version 2.0	Enlist Enterprise Version 3.x
Query Processor SQL-Engine	Enlist provides a subset of SQL-92 standard compliant SQL processing engine. The engine is capable of execution of SQL statements and error handling.	The SQL-92 compliance has been improved to enhance the capabilities of the SQL processing engine.
Script-based Extensions	Enlist supports invocation of Perl scripts while executing the SQL statements.	Same as Enlist Professional
Query Language (SQL DML Statements)	Enlist supports a rich subset of SQL-92 standard.	Same as Enlist Professional
Query Language (SQL DDL statements)	Enlist supports a rich subset of SQL-92 standard with some modification in the interpretation of the DDL statements.	Same as Enlist Professional
SQL JOIN	Enlist supports SQL JOIN of two tables. The JOIN operation with three tables can be achieved by using the standard two table JOIN with an IN operator clause.	Multiple-table JOIN is supported.
SQL GROUP BY	Enlist supports the GROUP BY operation on the table view of the directory data.	Same as Enlist Professional
SQL AGGREGATE Functions	Enlist supports the SUM, AVG, MIN and MAX functions.	Same as Enlist Professional
Data-type Conversions	Enlist supports the valid data-type conversions that applications can request while fetching.	Same as Enlist Professional
ODBC and JDBC API	Full support for ODBC 3.5 specification.	Same as Enlist Professional
ODBC and JDBC-aware Applications	The Driver Manager handles the compatibility issues, thus aiding Enlist in working with ODBC-aware applications.	Support for JDBC-aware applications using the ODBC-JDBC bridge.

Directory-specific capabilities

Directory-specific Capabilities	Enlist Professional Version 2.0	Enlist Enterprise Version 3.x
Bind Operation	Enlist supports the standard LDAP user-password based simple bind operation.	Same as Enlist Professional
Search, Modify, and Delete	Enlist supports these operations in the form of SELECT, INSERT, UPDATE and DELETE SQL statements.	Same as Enlist Professional
Server-side Controls	Enlist supports use of server-side controls like SORT and VLV LIST for sorting the data and implementing cursors respectively.	Same as Enlist Professional
Extended Operations	Enlist supports use of extended operation using LDAP for invoking the server-side controls while executing the SQL statements.	Same as Enlist Professional

ODBC tools support

ODBC Tools	Enlist Professional Version 2.0	Enlist Enterprise Version 3.x
Microsoft Access, Query, Excel, Word.	Supported	Supported
Crystal Reports, Seagate Analysis reporting solutions.	Supported	Supported
JDBC-ODBC Bridge related applications.	Supported	Supported
Freeware ODBC Tools like WinSQL, Query Tool, Query Builder, Top Report.	Supported	Supported