

Db2

Change version

10.5

☒ Show full table of contents

Communication protocols supported

Adding database connections with the CLP



Configuring IBM Data Server Drivers



Configuration parameters



Registry and environment variables



Converting instances



Performance tuning



Database monitoring



Troubleshooting and support



Multicultural support



Security



Searching text



SQL



pureXML



Database administration



Developing code for accessing and managing data



Database reference



DB2 Connect overview



Data warehousing and analytics



InfoSphere Federation Server

InfoSphere Data Replication

Db2 / 10.5 /

Feedback

Product list

■ DB2 10.5 for Linux, UNIX, and Windows

Communication protocols supported

You can use any of the supported protocols for connecting from an IBM® data server client to a DB2® server. The type of protocol that you use is dependant on the configuration of your database environment.

The types of DB2 server connections that you can establish include:

- connecting from IBM data server client to midrange or mainframe hosts using DB2 Connect™ products.
- connecting from mid range or mainframe hosts to databases on DB2 for Linux, UNIX, and Windows.

8.14

The TCP/IP protocol is supported on all platforms on which DB2 for Linux, UNIX, and Windows is available. Both TCP/IPv4 and TCP/IPv6 are supported. IPv4 addresses have a four-part structure, for example, 9.11.22.314. IPv6 addresses have an eight-part name, where each part consists of 4 hex digits delimited by a colon. Two colons (::) represents one or more sets of zeros. For example, 2001:0db8:4545:2::09ff:fef7:62dc.

DB2 database products support the SSL protocol and accept SSL requests from applications that use the IBM Data Server Driver for JDBC and SQLJ (type 4 connectivity), IBM Data Server Driver for ODBC and CLI and IBM Data Server Driver Package. Refer to Configuring Secure Sockets Layer (SSL) support in a DB2 instance.

In addition, the Windows Named Pipes protocol is supported on Windows networks. To administer a DB2 database remotely, you must connect using TCP/IP.

Related concepts:[→ Installing IBM Data Server drivers and clients](#)**Related tasks:**[→ Configuring Secure Sockets Layer \(SSL\) support in a DB2 instance](#)**Related reference:**[→ Installation requirements for DB2 database products](#)

Tell us what you think

Was this topic helpful?

Yes

No

© Copyright IBM Corporation 2012

[Contact IBM](#)[Privacy](#)[Terms of use](#)[Accessibility](#)[Cookie Preferences](#)[English](#)