

Error connecting to source SQL Server when using dynamic port or named instance

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Issue

When you try to connect Azure Database Migration Service to SQL Server source that runs on either named instance or a dynamic port, the connection fails with this error:

Error -1 - SQL connection failed.

A network-related or instance-specific error occurred while establishing a connection to SQL Server. The server was not found or was not accessible. Verify that the instance name is correct and that SQL Server is configured to allow remote connections. (provider: SQL Network Interfaces, error: 26 - Error Locating Server/Instance Specified)

Cause

This issue happens when the source SQL Server instance that the Azure Database Migration Service tries to connect to has either a dynamic port or is using named instance. The SQL Server Browser service listens to UDP port 1434 for incoming connections to a named instance or when using dynamic port. The dynamic port may change each time SQL Server service restarts. You can check the dynamic port assigned to an instance through network configuration in SQL Server Configuration Manager.

Resolution

Verify the Azure Database Migration Service can connect to the source SQL Server Browser service on UDP port 1434 and the instance on the assigned TCP port as applicable.

How good have you found this content?

