

Knowledge Base Article

Product Group: Software

Product: CMSW7400 - @ptitude Analyst / Microsoft SQL Server

Version: N/A

Abstract

This article explains how to connect to a Microsoft SQL Server database when the server is not on the domain. These instructions are particularly useful when troubleshooting the "Connect to Server" error, which can be Error Number: 11001 (or 53), Severity: 20, State: 0

"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: Named Pipes Provider, error: 40 - Could not open a connection to SQL Server) (Microsoft SQL Server, Error: 53)" or "(provider: TCP Provider, error: 0 - No such host is known.) (Microsoft SQL Server, Error: 11001)"

Overview

This error usually means that the SQL Server computer cannot be found or that the TCP port number is either not known, is not the correct port number, or is blocked by a firewall:

- Confirm the database server is configured for remote connections.
- Check the firewall and verify the ports are configured to allow inbound and outbound connections.

If the error is still being displayed, then the server's IP address may need to be added to the **host** file:

- The host file is located in "C:\Windows\system32\drivers\etc\host".
- Edit this file using Notepad and enter the IP address of the server.

For further assistance, please contact the Technical Support Group by phone at 1-800-523-7514 option 8, or by email at TSG-Americas@skf.com.