

SQL Server Configuration Guide

1. SQL Server Network Configuration

- Open 'SQL Server Configuration Manager'.
- Navigate to 'SQL Server Network Configuration > Protocols for [InstanceName]'.
- Right-click on 'TCP/IP' and select 'Enable'.
- Double-click on 'TCP/IP' to open its properties:
 - a) Go to the 'IP Addresses' tab.
 - b) For 'IPAll', clear 'Dynamic Ports' and set the 'TCP Port' to 1433.

2. SQL Server Services

- In 'SQL Server Configuration Manager', go to 'SQL Server Services'.
- Ensure 'SQL Server (InstanceName)' is running. If not, right-click and select 'Start'.

3. Firewall Configuration (on Server)

- Open 'Windows Defender Firewall with Advanced Security'.
- Create a new inbound rule:
 - a) Select 'Port' and click 'Next'.
 - b) Choose 'TCP' and specify '1433' as the port.
 - c) Allow the connection and apply it to all profiles.
 - d) Name the rule 'SQL Server TCP Port 1433' and save.

4. Test the Connection

- Use 'SQL Server Management Studio' (SSMS) to connect.
- Use the IP address of the server and ensure the login credentials are correct.