Created By: Samprada N
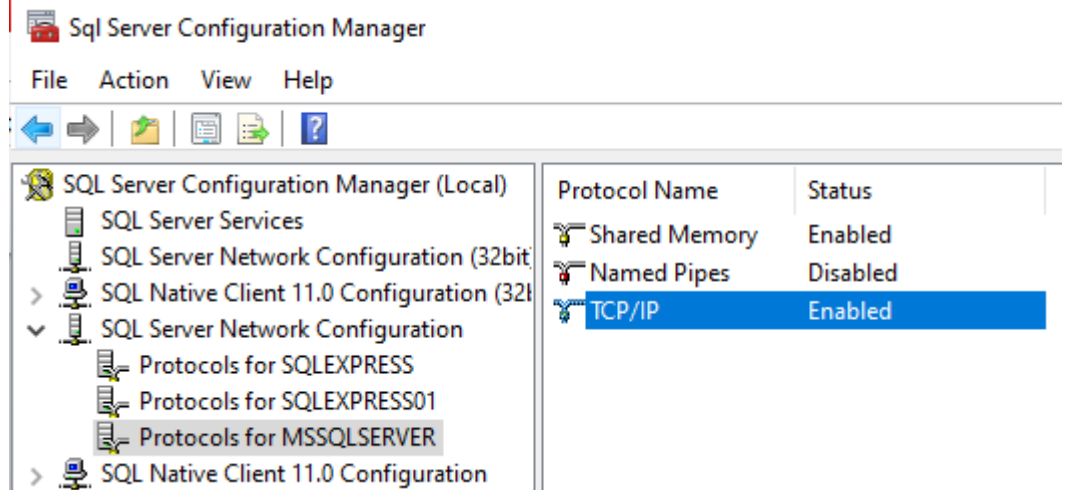
Azure DB Migration - Installtion

STEP 1 - INSTALLTION

1. SQL Server 2016+
2. SQL Studio Management Studio 2016+
   a. Create a default instance MSSQLSERVER, SQL Express
   b. Start -> SQL Server Configuration Manager

   c.
   d. Configure windows firewall rules
      a. Run WF.exe
      b. This opens the Windows firewall
      c. Add two rules to ensure communication of SQL to Azure Portal. The first rule is **to open a port in the Windows firewall for TCP access**
         i. In the **Windows Firewall with Advanced Security**, in the left pane, right-click **Inbound Rules**, and then click **New Rule** in the action pane.
         ii. In the **Rule Type** dialog box, select **Port**, and then click **Next**.
         iii. In the **Protocol and Ports** dialog box, select **TCP**.
         iv. Select **Specific local ports**, and then type the port number of the instance of the Database Engine, such as **1433** for the default instance.
         v. Click **Next**.
         vi. In the **Action** dialog box, select **Allow the connection**, and then click **Next**.
         vii. In the **Profile** dialog box, select any profiles that describe the computer connection environment when you want to connect to the Database Engine, and then click **Next**.
         viii. In the **Name** dialog box, type a name and description for this rule, and then click **Finish**.

d. The second rule is **to open access to SQL Server when using dynamic ports**

i. In the **Windows Firewall with Advanced Security**, in the left pane, right-click **Inbound Rules**, and then click **New Rule** in the action pane.

ii. In the **Rule Type** dialog box, select **Program**, and then click **Next**.

iii. In the **Program** dialog box, select **This program path**. Click **Browse**, and navigate to the instance of SQL Server that you want to access through the firewall, and then click **Open**. By default, SQL Server is at **C:\Program Files\Microsoft SQL Server\MSSQL13.MSSQLSERVER\MSSQL\Binn\Sqlservr.exe**.

iv. Click **Next**.

v. In the **Action** dialog box, select **Allow the connection**, and then click **Next.**

vi. In the **Profile** dialog box, select any profiles that describe the computer connection environment when you want to connect to the Database Engine, and then click **Next**.

vii. In the **Name** dialog box, type a name and description for this rule, and then click **Finish**.

3. Download and install the [Data Migration Assistant](#) v3.3 or later.
4. End of **STEP 1**