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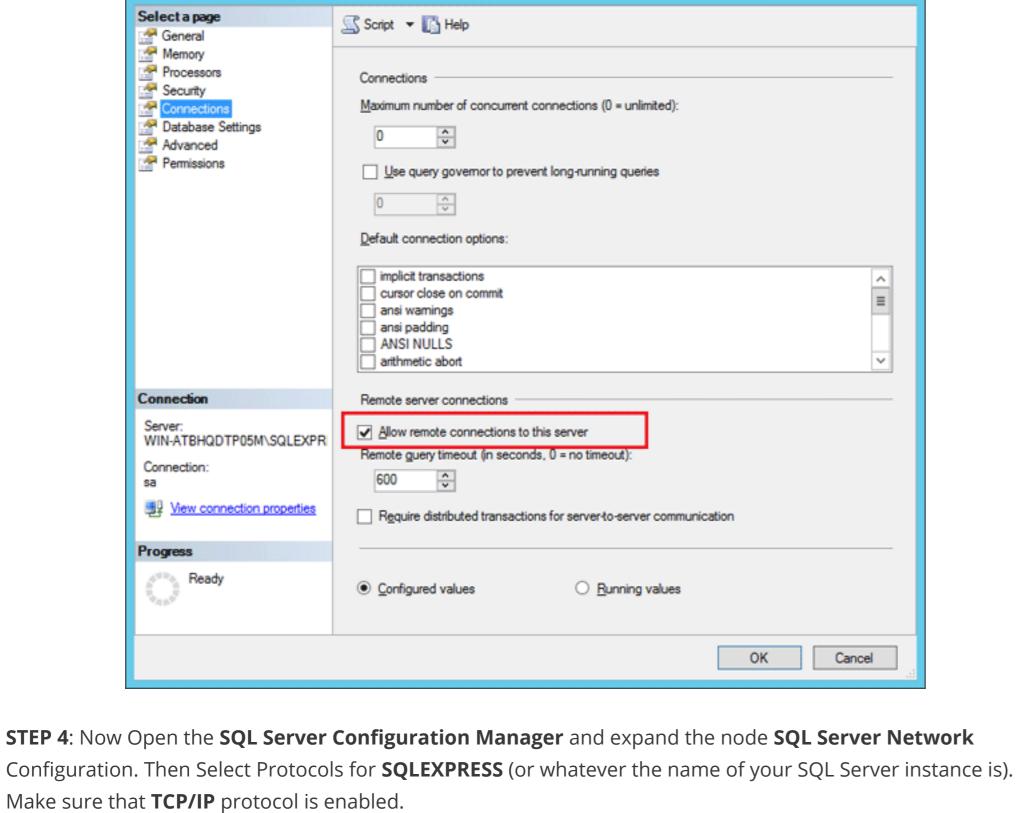
May 13, 2017 Victor Victories Tutorials

To assign a TCP/IP port number to the SQL Server Database Engine follow the steps below: **STEP 1:** Open the **SQL Server Management Studio** and login to your Database locally.

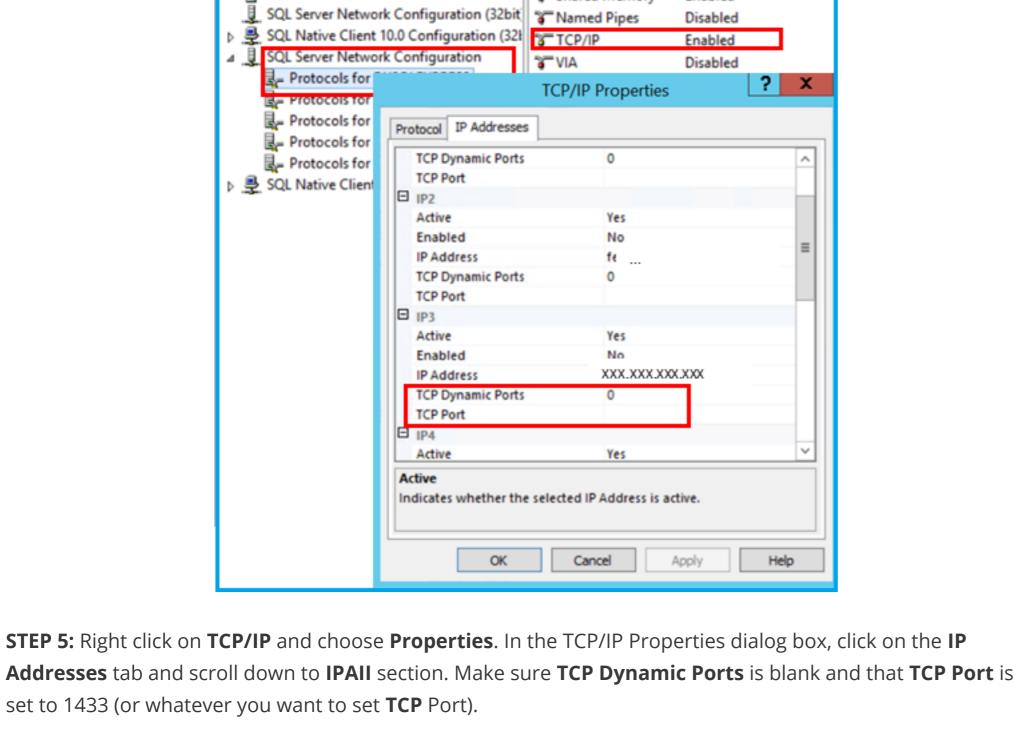
STEP 2: Right-click on the server name in the left panel and select **Properties**.

server" option is checked. Then exit SQL Server Management Studio. _ D X \SQLEXPRESS Server Properties -

STEP 3: Select the **Connections** page on the left side and make sure that "**Allow remote connections to this**



Sql Server Configuration Manager File Action View Help SQL Server Configuration Manager (Local) Protocol Name Status SQL Server Services Shared Memory Enabled



TCP Port □ IP6 Yes Active No Enabled IP Address 2001:0:9d38:90d7:3cf2:a1b:3f57:f

Protocol IP Addresses

Server instance.

File Action View Help 🖛 \Rightarrow 🙎 📆

🏂 Connection Security Rules

Profile

Name

Windows Firewall with Advance Inbound Rule

TCP Dynamic Ports

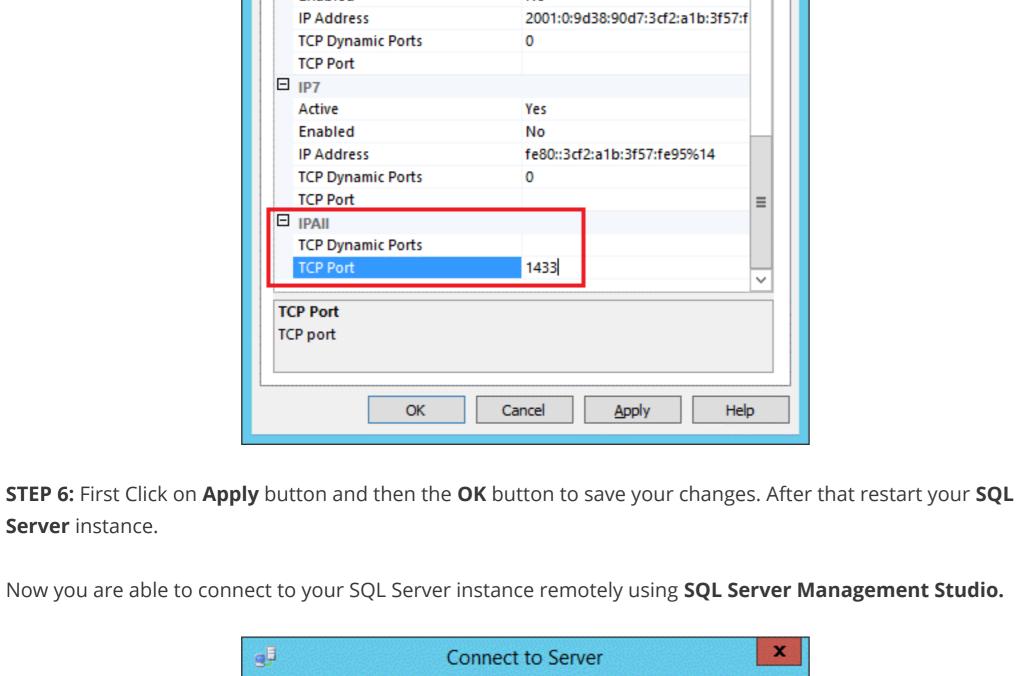
TCP/IP Properties

0

?

X

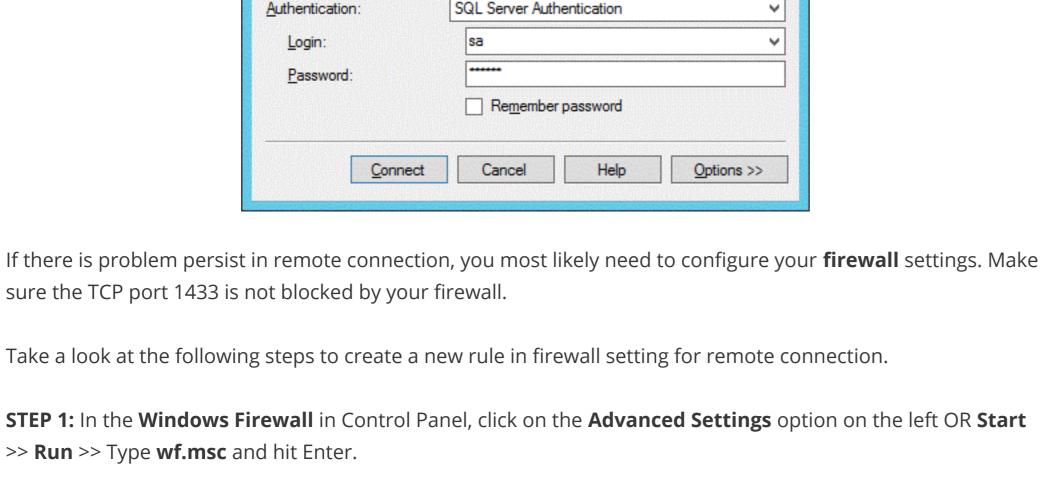
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Database Engine Server type: 192.168.1.2 Server name:

Microsoft SQL Server 2014

Password:



the left panel. Click on the **New Rule** on the right panel of the window. Windows Firewall with Advanced Security

Windows Media Player Net... Domain No

Windows Media Player Net... Private... No

Windows Management Instr... Private... No

Windows Management Instr... Domain No

Windows Management Instr... Private... No

Profile Fnahled Action Override Program

New Rule...

? Help

%System...

%System...

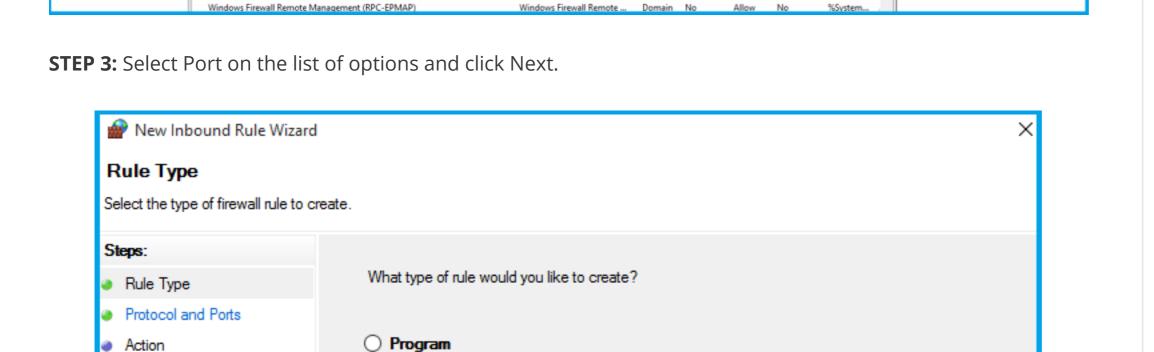
%System...

%system...

%system...

STEP 2: In the Windows Firewall with Advanced Security window that opens, click on the Inbound Rules in

Monitoring Filter by Profile Windows Media Player Net... Private... No Windows Media Player Network Sharing Service (HTTP-Streaming-In) System Filter by State Windows Media Player Net... Domain No Windows Media Player Network Sharing Service (HTTP-Streaming-In) System Windows Media Player Network Sharing Service (HTTP-Streaming-In) Filter by Group Windows Media Player Net... Domai... No Allow No System %Progra... Windows Media Player (UDP-In) Windows Media Player All No Allow No Windows Management Instrumentation (WMI-In) Windows Management Instr... Domain No %System... Refresh Windows Management Instr... Private... No Windows Management Instrumentation (WMI-In) %System... Export List...



Rule that controls connections for a program.

Rule that controls connections for a TCP or UDP port. Predefined: AllJoyn Router Rule that controls connections for a Windows experience.

Port

Windows Media Player Network Sharing Service (qWave-TCP-In)

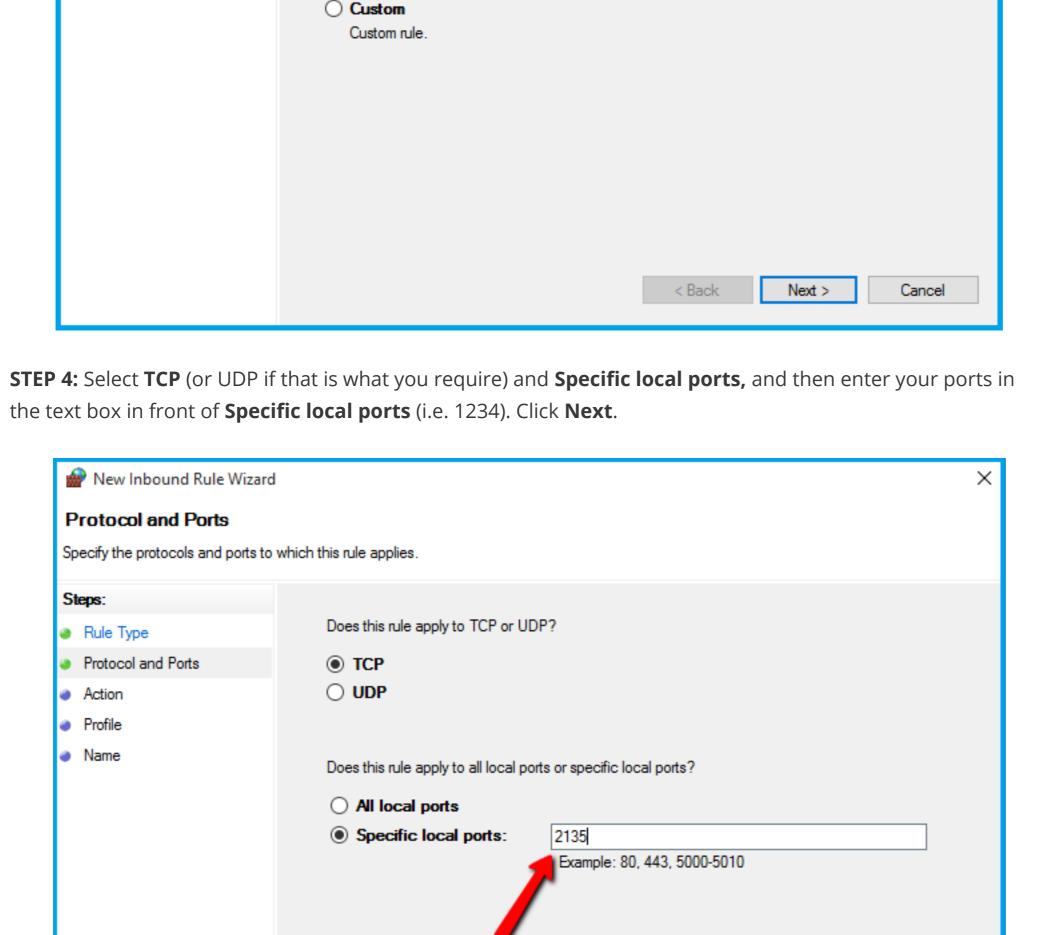
Windows Management Instrumentation (DCOM-In)

Windows Management Instrumentation (DCOM-In)

Windows Management Instrumentation (ASync-In)

Windows Management Instrumentation (ASync-In)

Windows Media Player Network Sharing Service (qWave-TCP-In)



(Enter your custom port number*)

< Back

What action should be taken when a connection matches the specified conditions?

This includes connections that are protected with IPsec as well as those are not.

This includes only connections that have been authenticated by using IPsec. Connections will be secured using the settings in IPsec properties and rules in the Connection Security

Next >

Cancel

Rule node. Block the connection

STEP 5: Select **Allow** the connection. Click on **Next**.

Specify the action to be taken when a connection matches the conditions specified in the rule.

• Allow the connection

Allow the connection if it is secure

Mew Inbound Rule Wizard

Action

Steps:

Rule Type

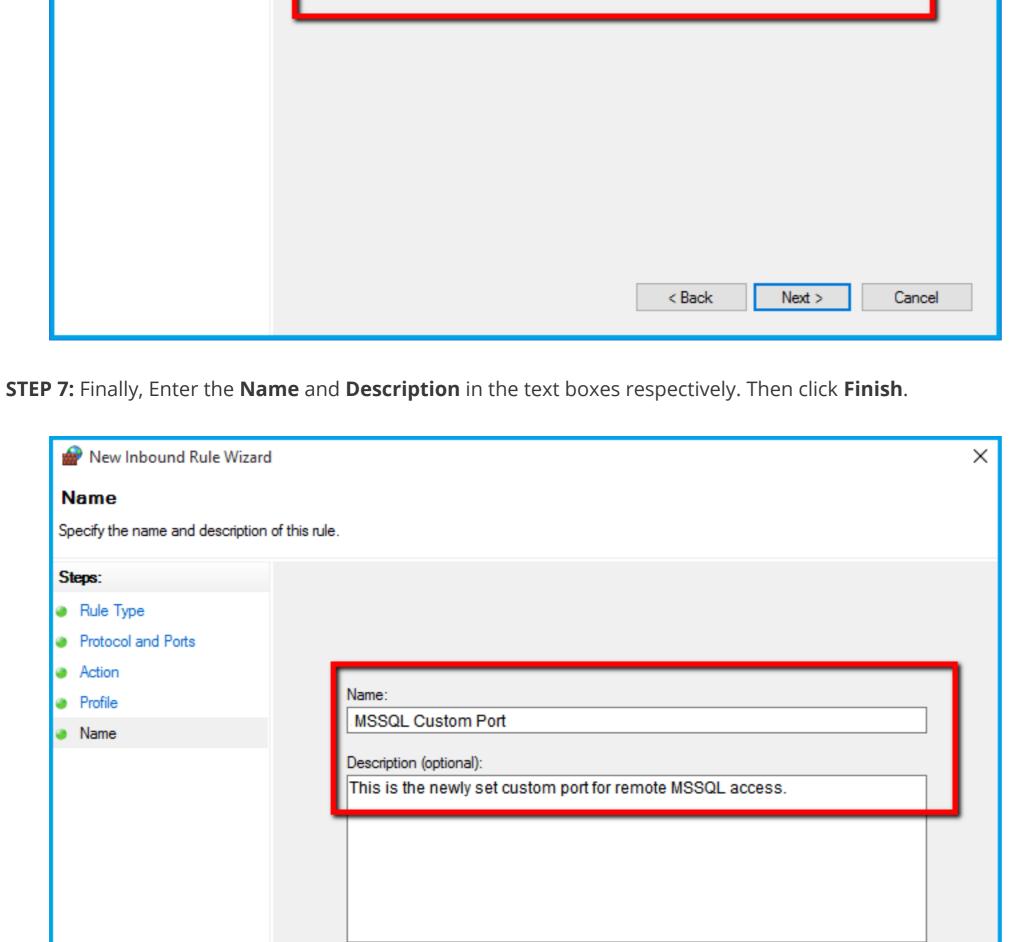
Action

Profile

Name

Protocol and Ports

Next > < Back Cancel STEP 6: Select the options which you want from Domain, Private, Public. Click on Next. **Domain** – This rule will be applicable when the computer is linked to a network domain. **Private** – This rule will be applicable when the computer is linked to trusted private networks. **Public** – This rule will be applicable when the computer is linked to untrusted public networks. Mew Inbound Rule Wizard X **Profile** Specify the profiles for which this rule applies. Steps: When does this rule apply? Rule Type Protocol and Ports ✓ Domain Action Applies when a computer is connected to its corporate domain. Profile ✓ Private Name Applies when a computer is connected to a private network location, such as a home or work place. ✓ Public Applies when a computer is connected to a public network location.



After following these steps your port should be allowed through the Windows Firewall.

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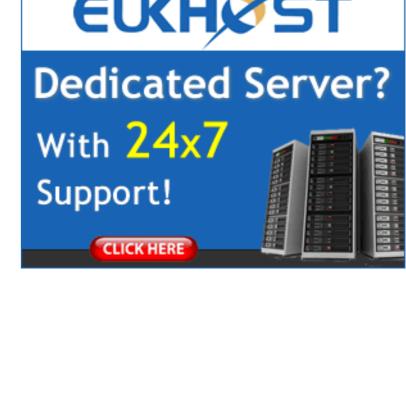
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Finish

Cancel

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