M.A.C. SOLUTIONS

PROCESSVUE

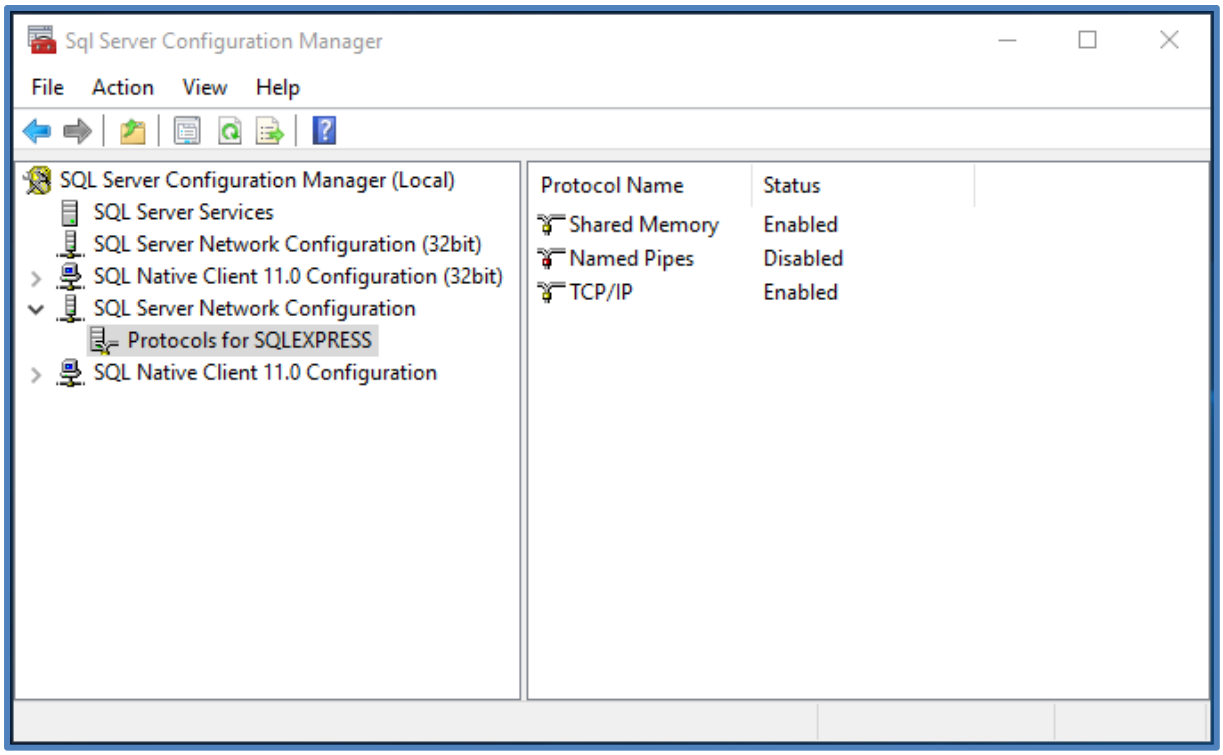
Allow SQL through Firewall

Abstract

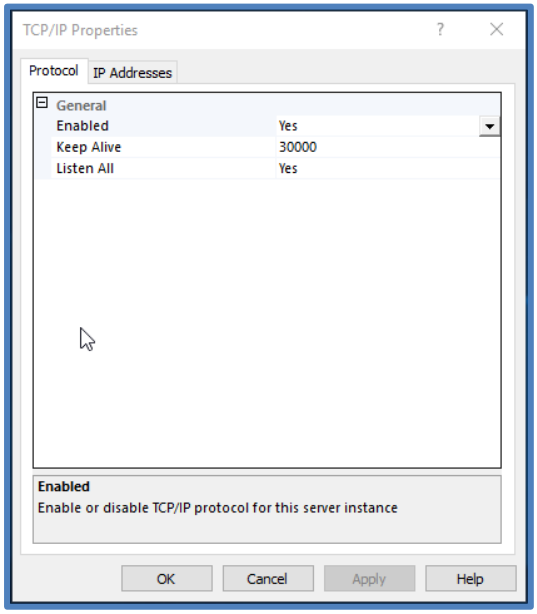
The following document will allow you to let SQL through the Firewall for remote connections

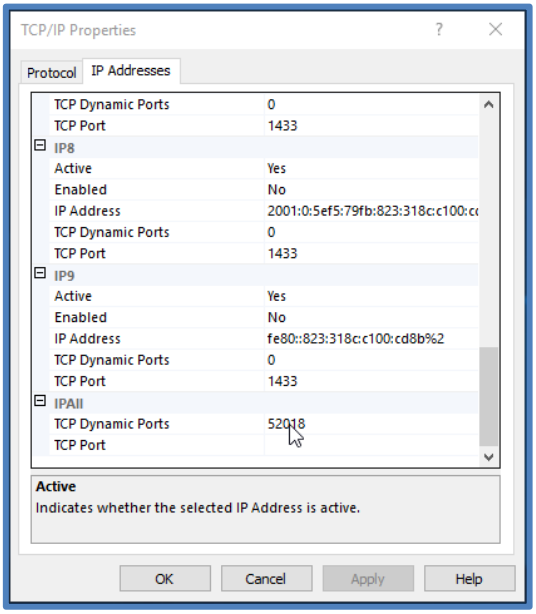
Navigate to '**SQL Server Configuration Manager**'.

1. Select '**Windows Start**' > '**Microsoft SQL Server 201***' > 'Microsoft **SQL Server 201* Configuration Manager**'. (*refers to the version of SQL Server installed)



2. Select '**Protocols for SQLEXPRESS** ', ensure '**TCP/IP**' is enabled. (Right click, enable if disabled).
3. Right click '**TCP/IP**' and select '**Properties**'

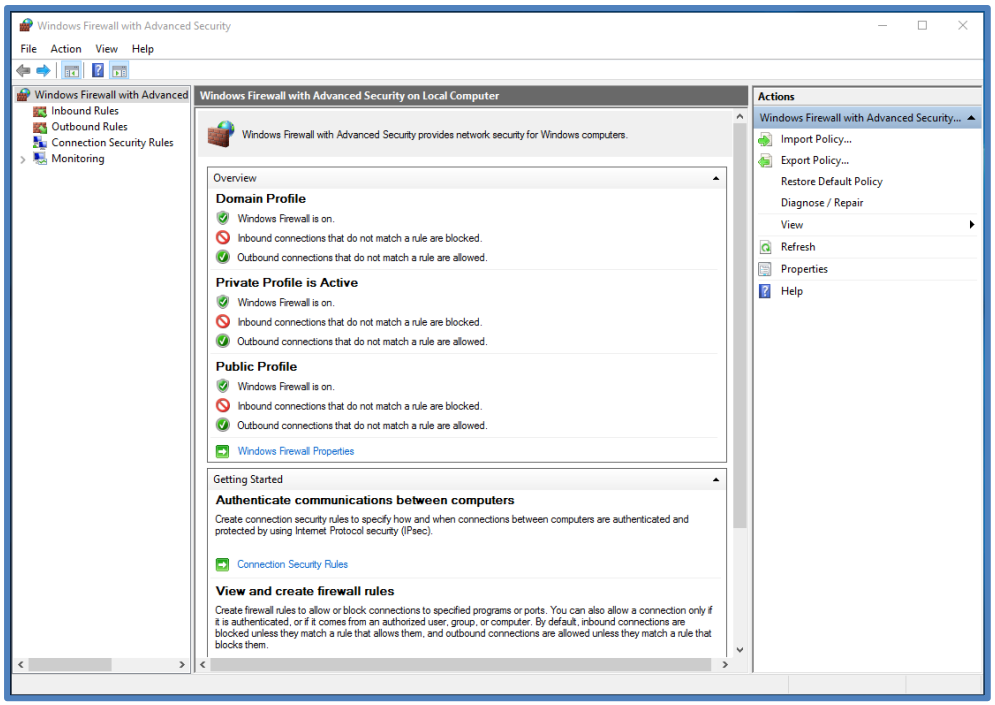




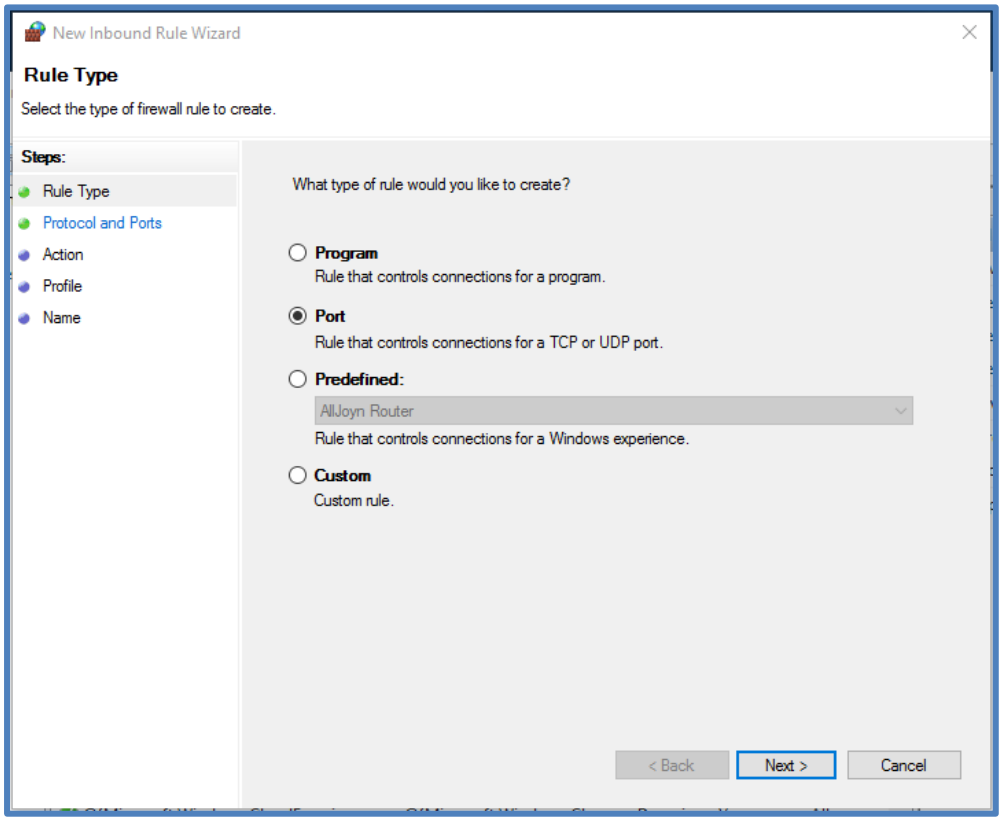
4. Select the '**IP Addresses**', scroll to the bottom and make a note of the '**TCP Dynamic Ports**' under '**IPAll**'. In this case '**52018**'.

Navigate to '**Windows control panel**'.

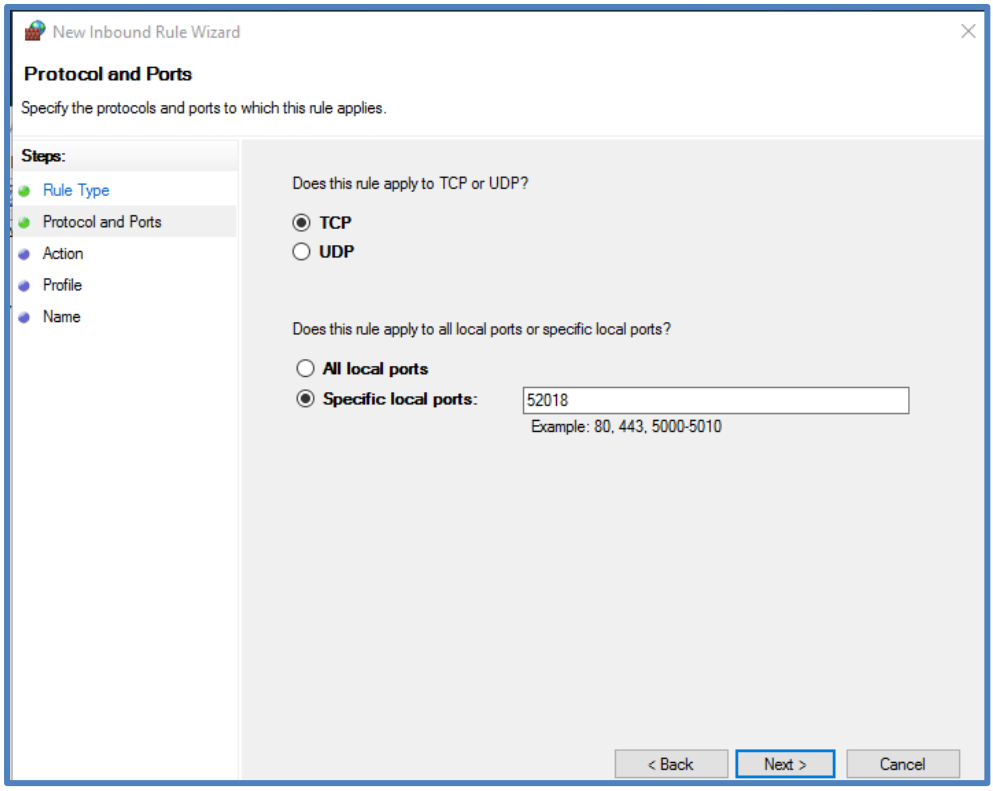
1. Right click '**Windows Start'** select '**Control Panel**' >'**System and Security**' > '**Windows Firewall**' > '**Advanced Settings**'.



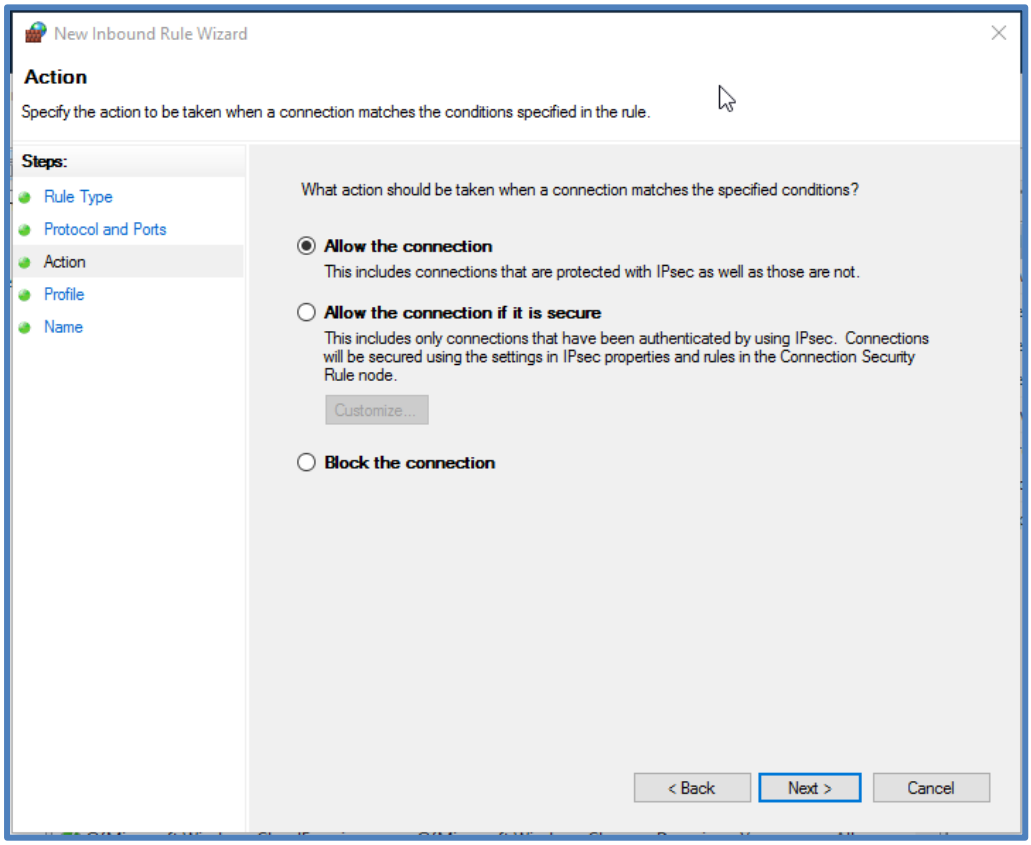
2. Select '**Inbound Rules**' from the pane on the left, Then '**New Rule**' from the pane on the right.



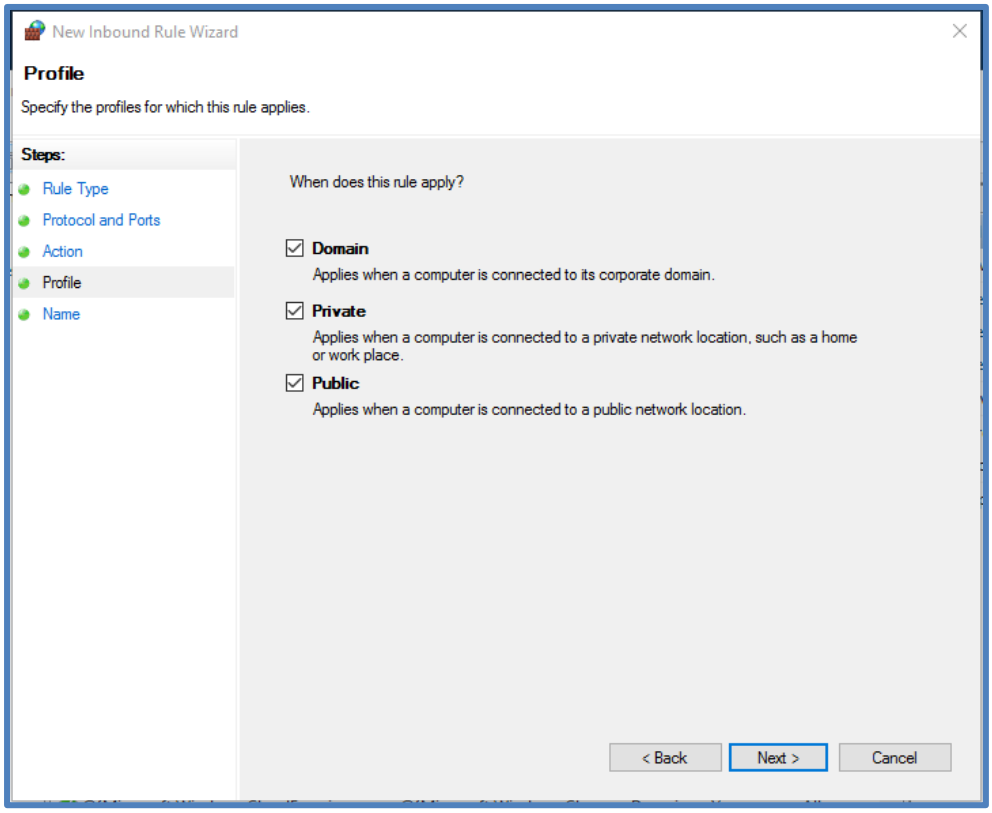
3. Select '**Port**' then '**Next**'.



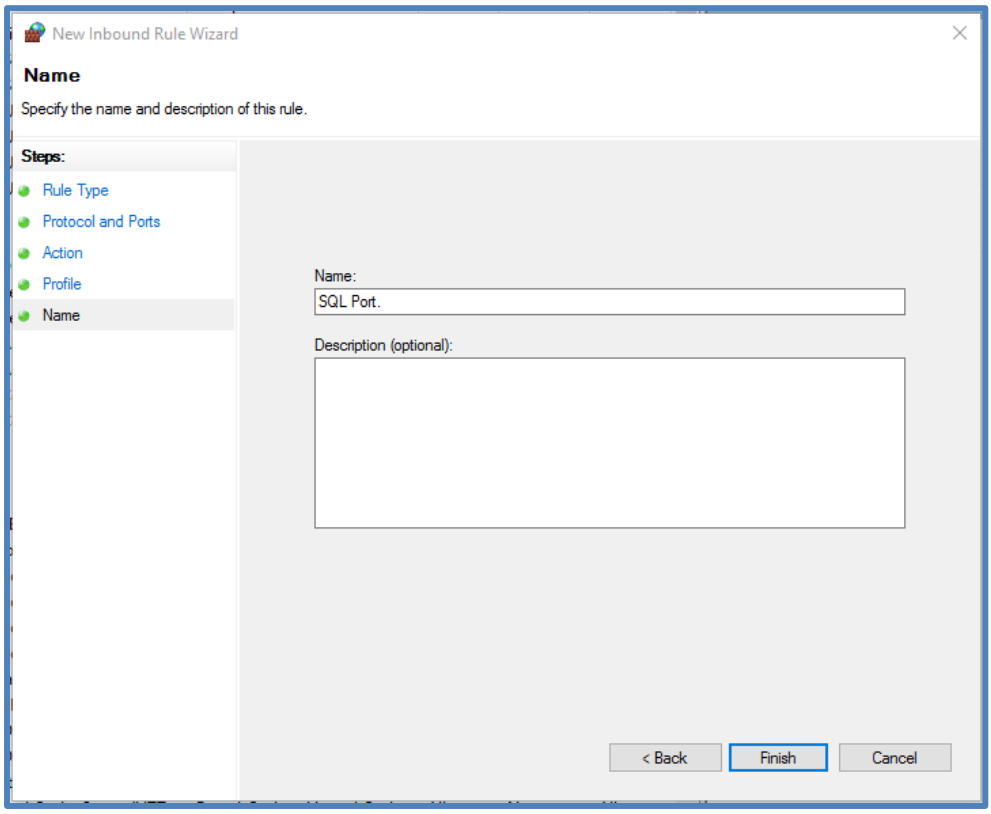
4. Select '**TCP**' and '**Specific local ports**' then enter the '**Port Number**' we noted earlier, in this case '**52018**'. Then select '**Next**'.



5. Select '**Allow the connection**', then select '**Next**'.



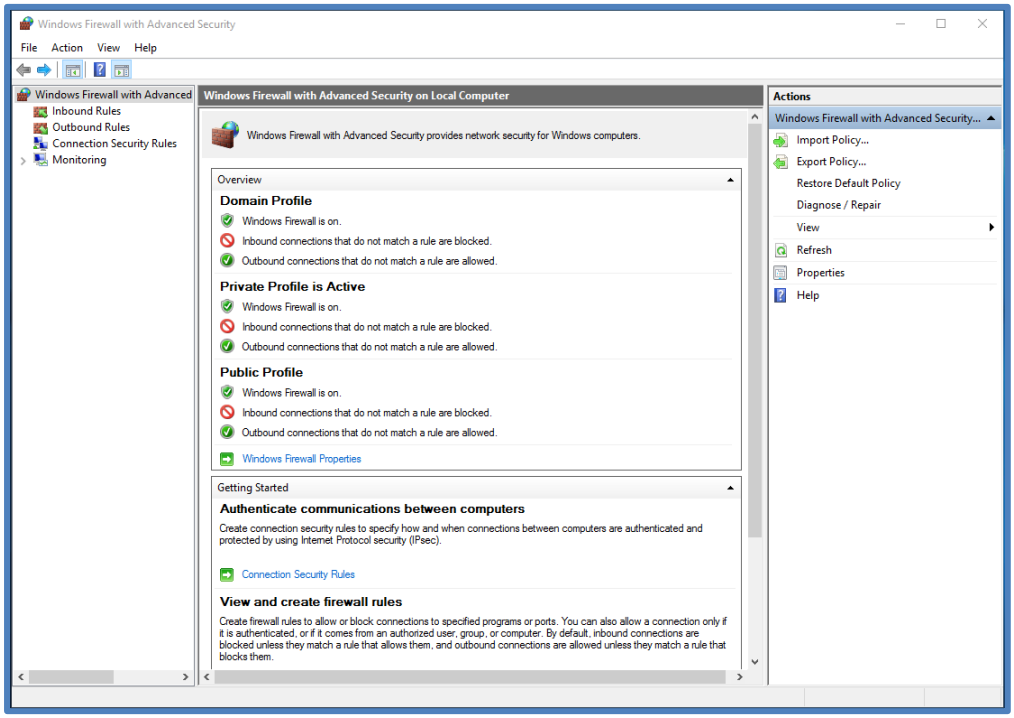
6. Select '**Domain**', **'Private**' and '**Public**'.



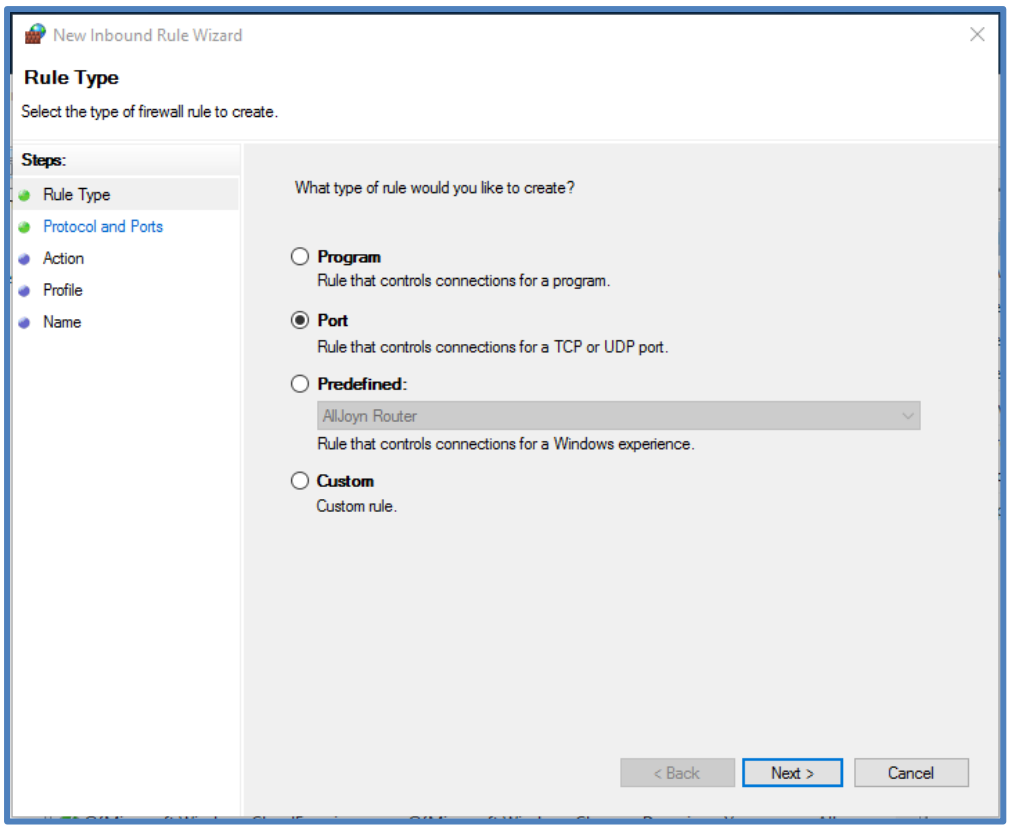
7. ‘**Name**’ the rule, The Select ‘**Finish**’.

Navigate to ‘**windows control panel**’.

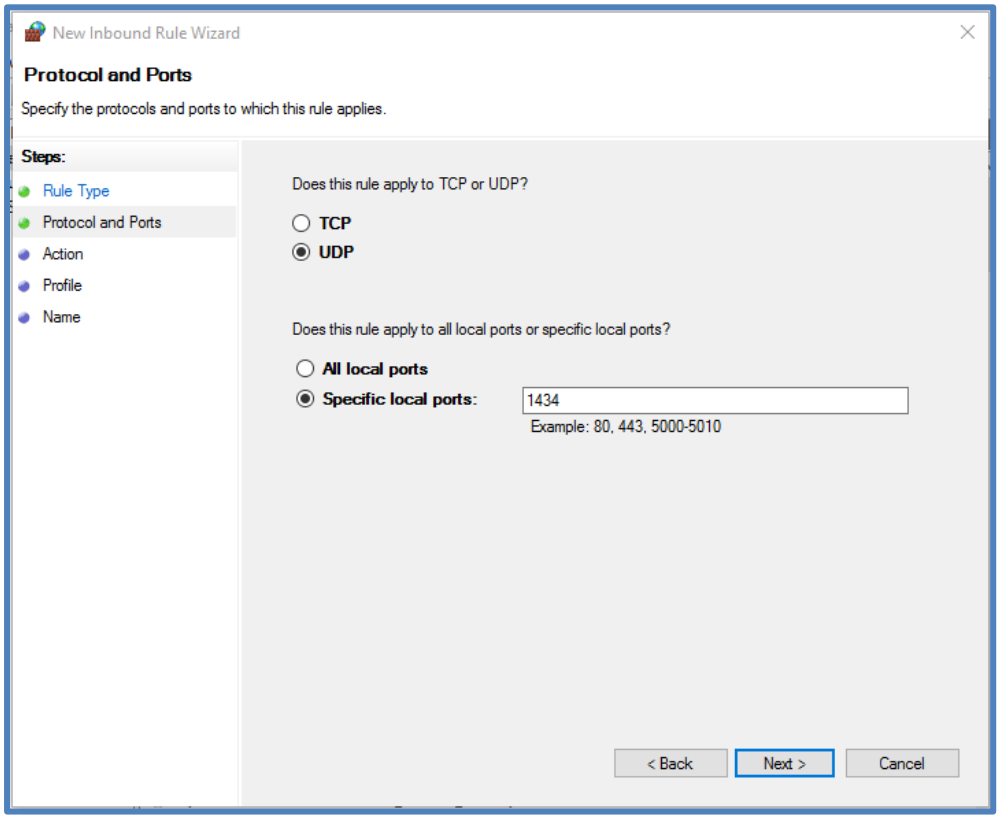
1. Right click ‘**Windows Start’** select ‘**Control Panel**’ >**’System and Security**’ > ‘**Windows Firewall**’ > ‘**Advanced Settings**’.



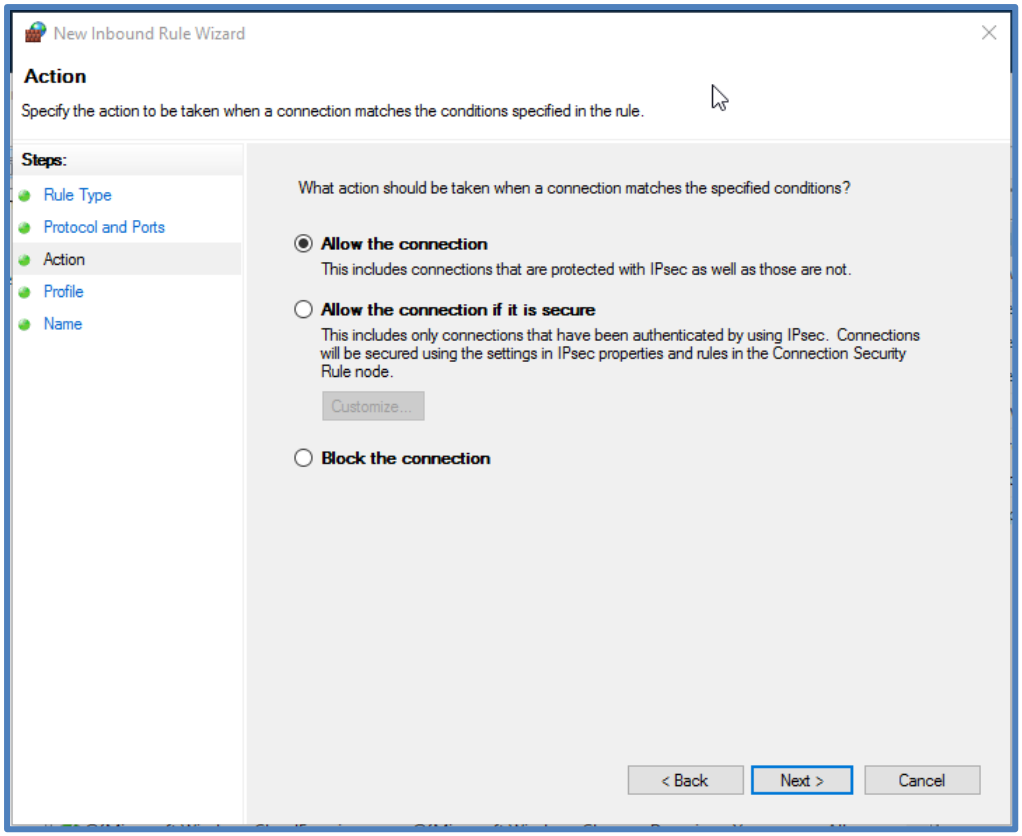
2. Select ‘**Inbound Rules**’ from the pane on the left, Then ‘**New Rule**’ from the pane on the right.



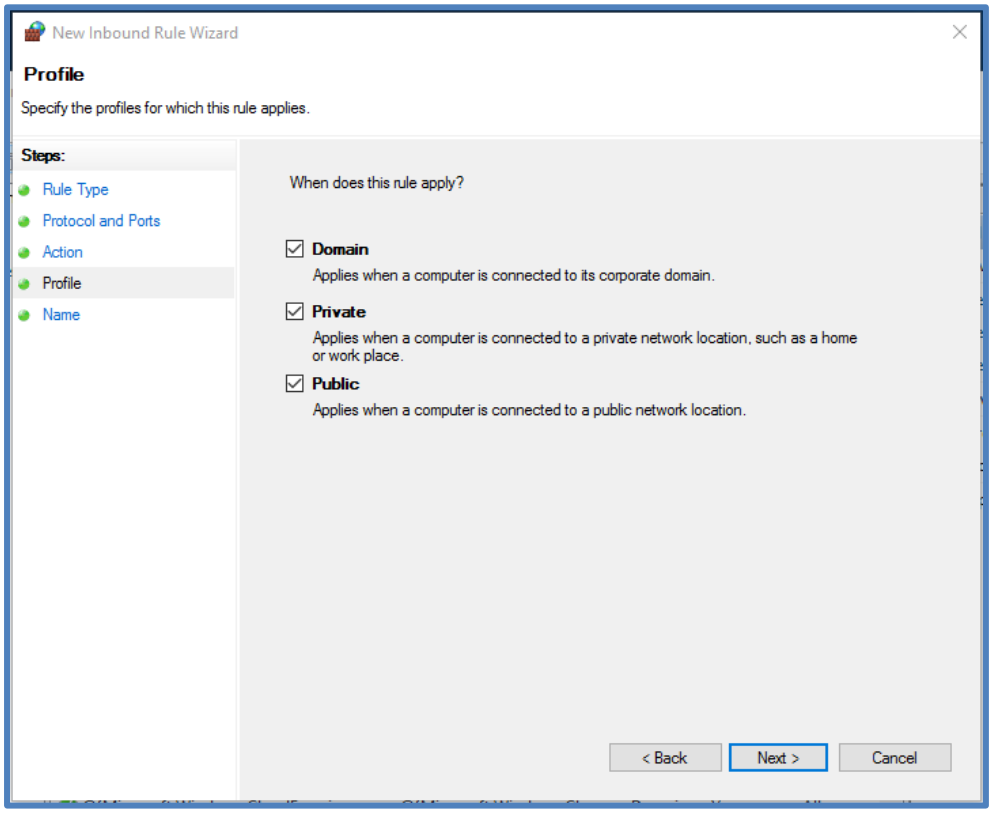
3. Select '**Port**' then '**Next**'.



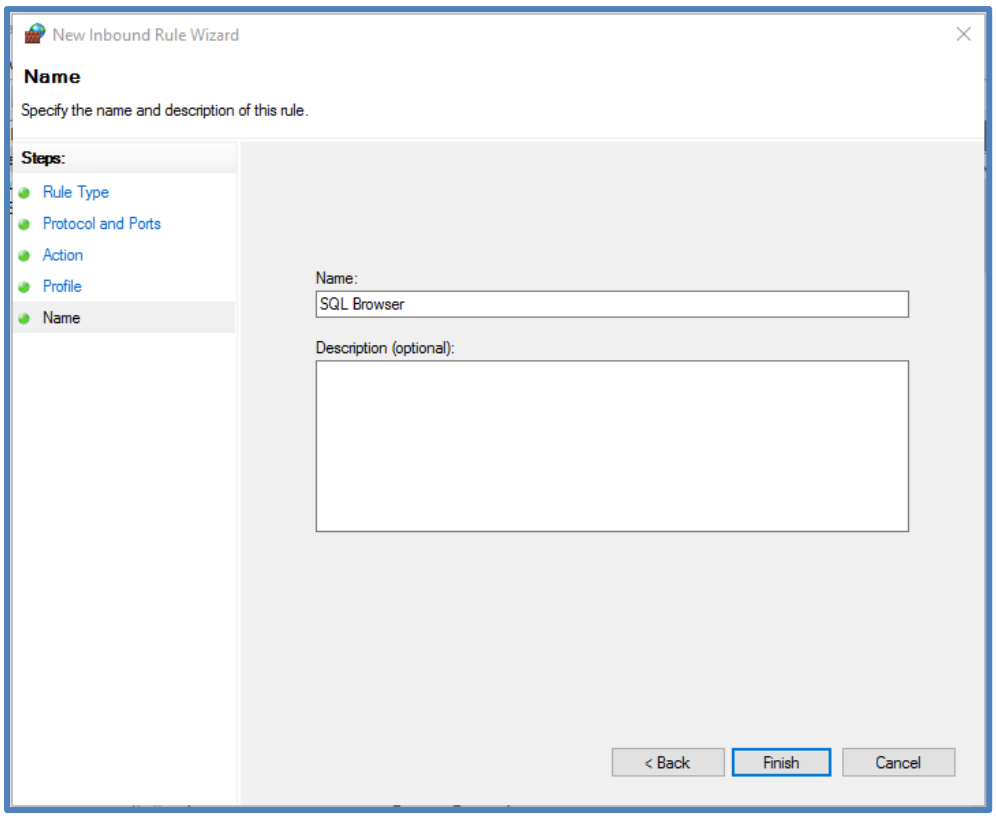
4. Select '**UDP**' and '**Specific local ports**' then enter the '**Port Number**' – '**1434**', then select '**Next**'.



5. Select '**Allow the connection**', then select '**Next**'.



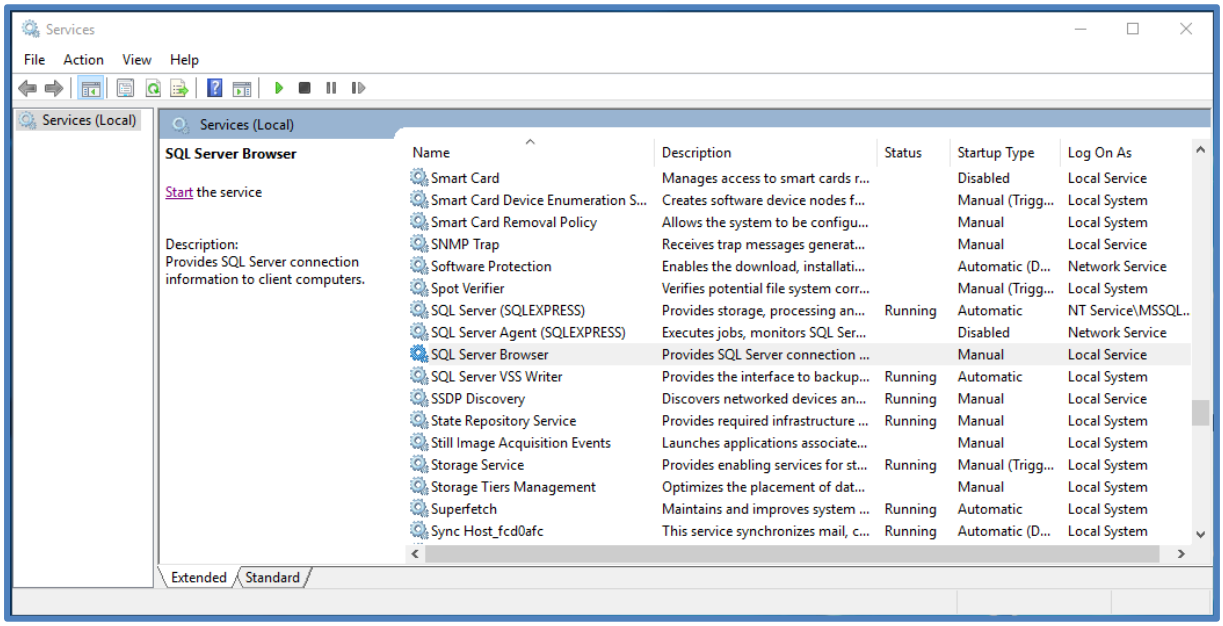
6. Select '**Domain**', '**Private**' and '**Public**'.



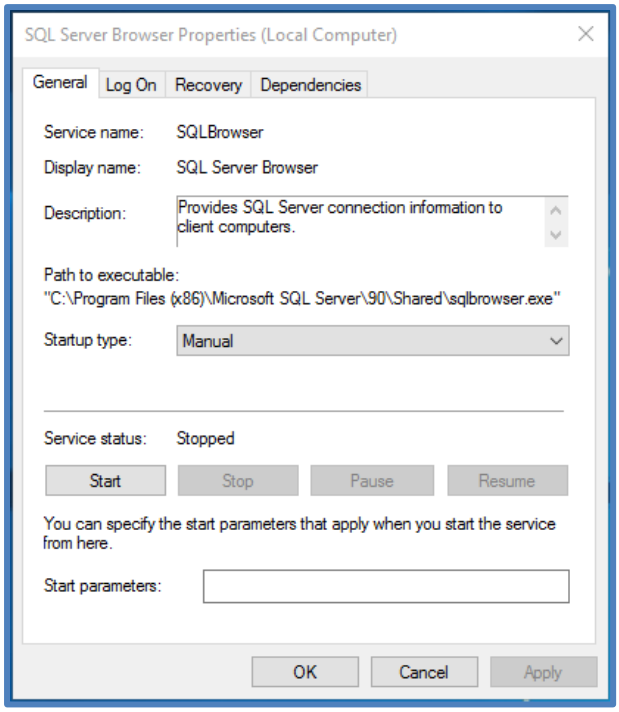
7. '**Name**' the rule, The Select '**Finish**'.

Navigate to '**Windows control panel**'.

1. Right click '**Windows Start'** select '**Control Panel**' >'**System and Security**' >'**Administrative Tools**'>'**Services**'.



2. Scroll down to the service '**SQL Server Browser**', Right click and select '**Properties**'.



3. Change the '**Startup type**' from '**Disabled**' to '**Manual**'.
4. Select '**Start**' under '**Service Status**' then select '**OK**'..