Configure Microsoft SQL Server
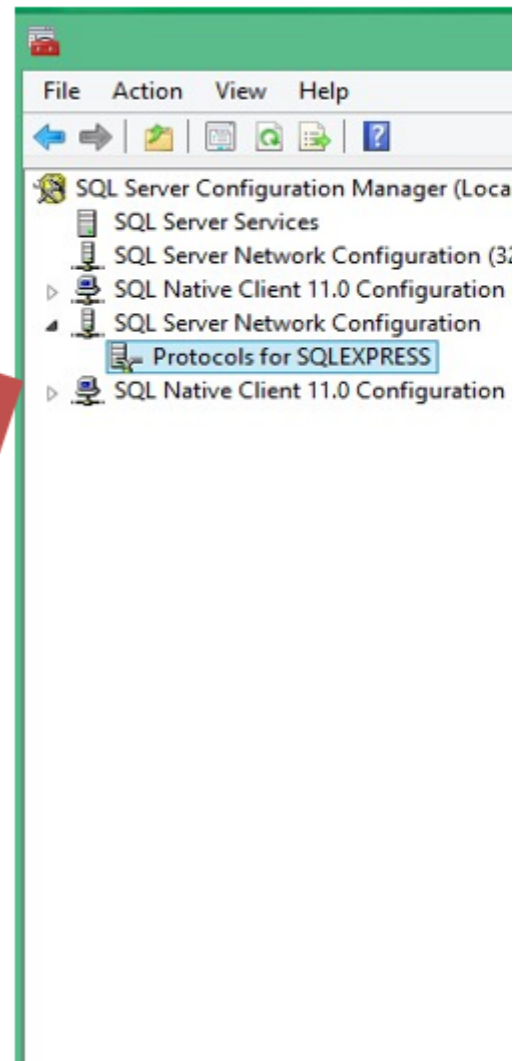
Configure Microsoft SQL Server 2012

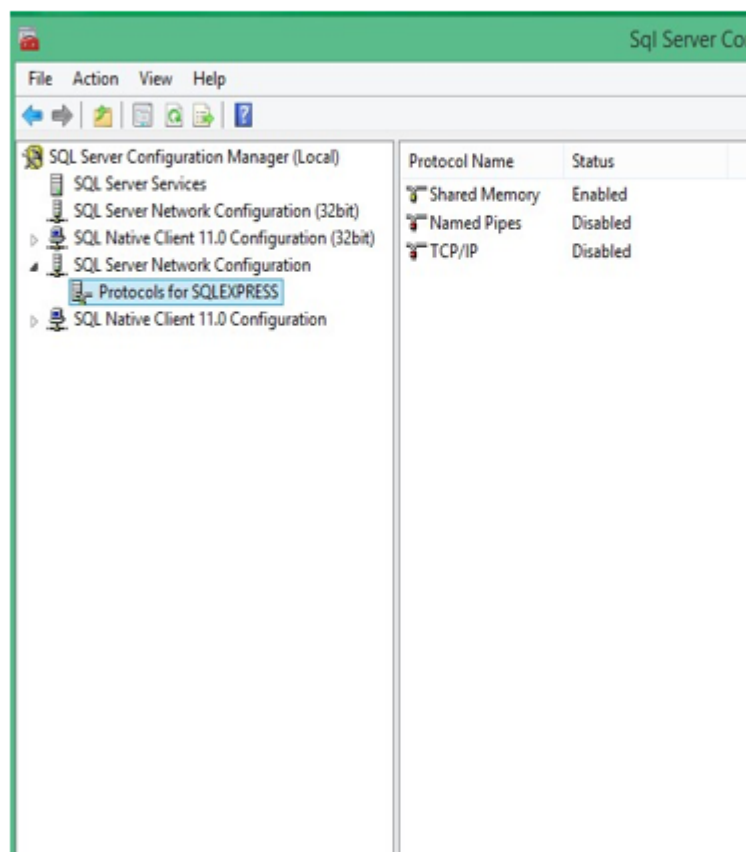### Microsoft SQL Server 2012 External Access

Once the server is installed and running, we will need to configure the server to allow the workstations to connect and retrieve data as needed, in order to do this we need to allow TCP/IP Access via port 1433.

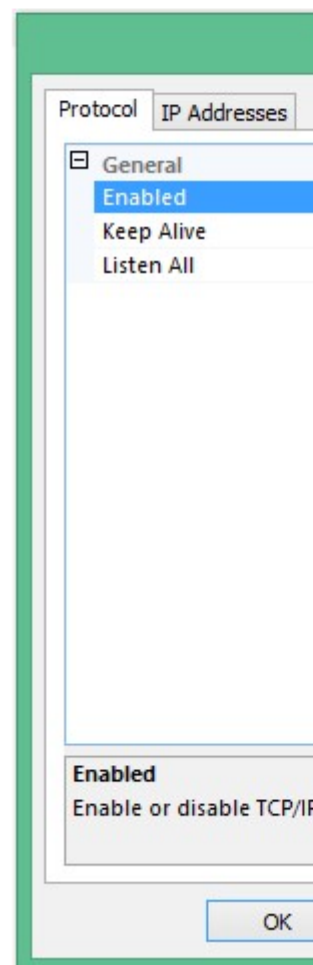First we need to open the SQL Server Configuration Manager

Click Start
Go to All Programs
Click Microsoft SQL Server 2012
Click Configuration Tools
Click SQL Server Configuration
Manager

You Will be Presented with a screen
like this.

File   Action   View   Help

SQL Server Configuration Manager (Loca
  SQL Server Services
  SQL Server Network Configuration (3:
  SQL Native Client 11.0 Configuration
  SQL Server Network Configuration
    Protocols for SQLEXPRESS
  SQL Native Client 11.0 Configuration

Once you have the Configuration Ma[...]
Server Network Configuration Tab as [...]

Next, double click on TCP/IP and you shoul[...]

The first thing we want to do here is set enabled to yes.
Then click "Ip Addresses"

You will be presented with a list of ip addresses and their settings. Click the "-" (Minus) sign for all the ip addresses until only IPALL is left expanded
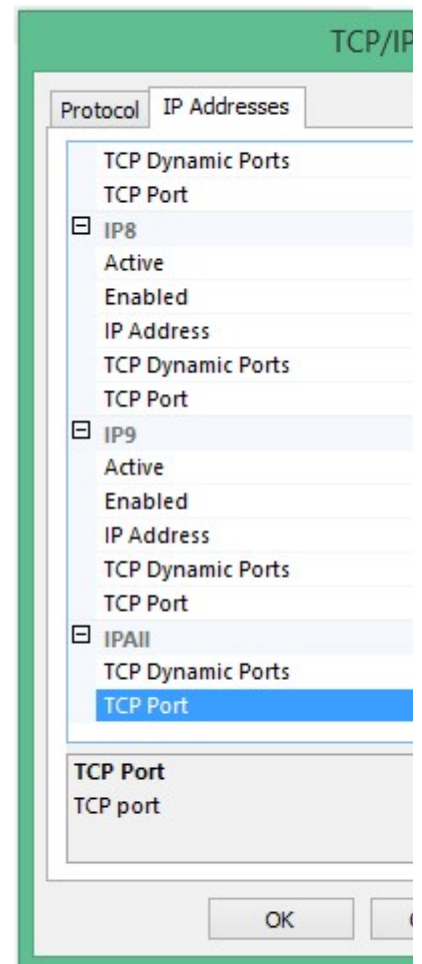
In this area we will set the TCP Ports to what is required for MSTWatch Workstation to communicate with the SQL Server.

TCP Dynamic Ports: Leave At default!
TCP Port: 1433

Note:

Once you Click "Ok" you will be told that the changes you made won't Take Effect Until the SQL Server is Restarted.. Click OK and Continue.

	TCP/IP
Protocol	IP Addresses

TCP Dynamic Ports
TCP Port
☐ IP8
Active
Enabled
IP Address
TCP Dynamic Ports
TCP Port
☐ IP9
Active
Enabled
IP Address
TCP Dynamic Ports
TCP Port
☐ IPAII
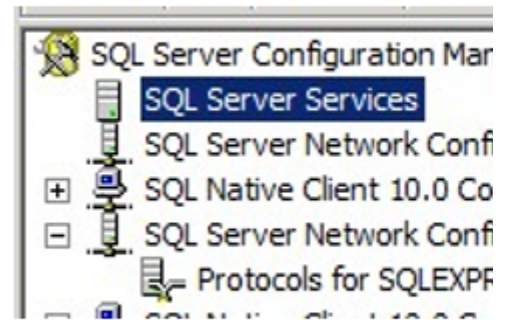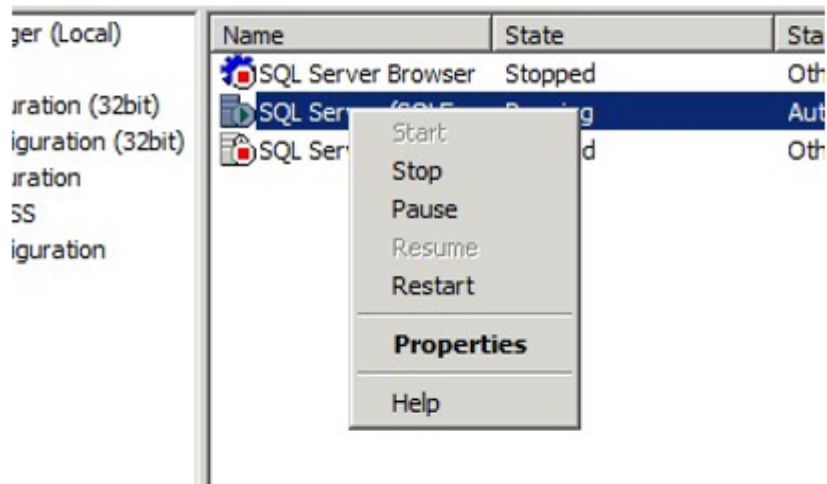TCP Dynamic Ports
TCP Port

TCP Port
TCP port

OK

Restarting the Microsoft SQL Server 2012

After making the changes to the TCP/IP Ports and Settings, we need to restart the server. To do this follow the list of steps below.

Single left click on "SQL Server Services" (as seen in the image!)

Right click on SQL Server (SQLExpress) — (on the right!) Single left click "Restart"

SQL Server Configuration Mar

SQL Server Services

SQL Server Network Confi

⊞ SQL Native Client 10.0 Co

⊟ SQL Server Network Confi

Protocols for SQLEXPF

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Name	State	Sta
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Start
Stop
Pause
Resume
Restart

Properties

Help

After the Serv
Can Close the
and Move to t