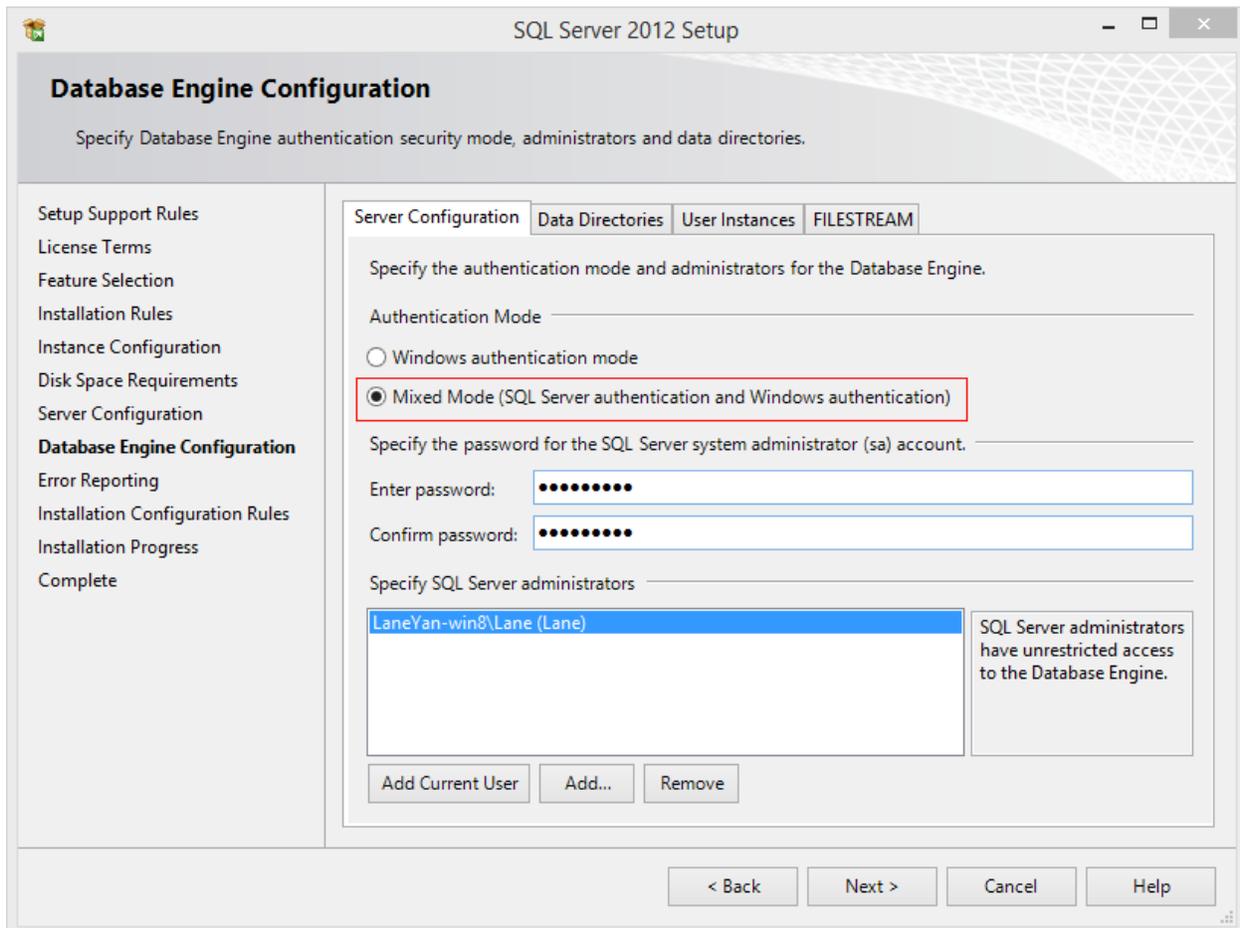


SQL Server Configuration Guide for SC

Take SQL Server Express 2012 for instance.

1. Install SQL Server Express

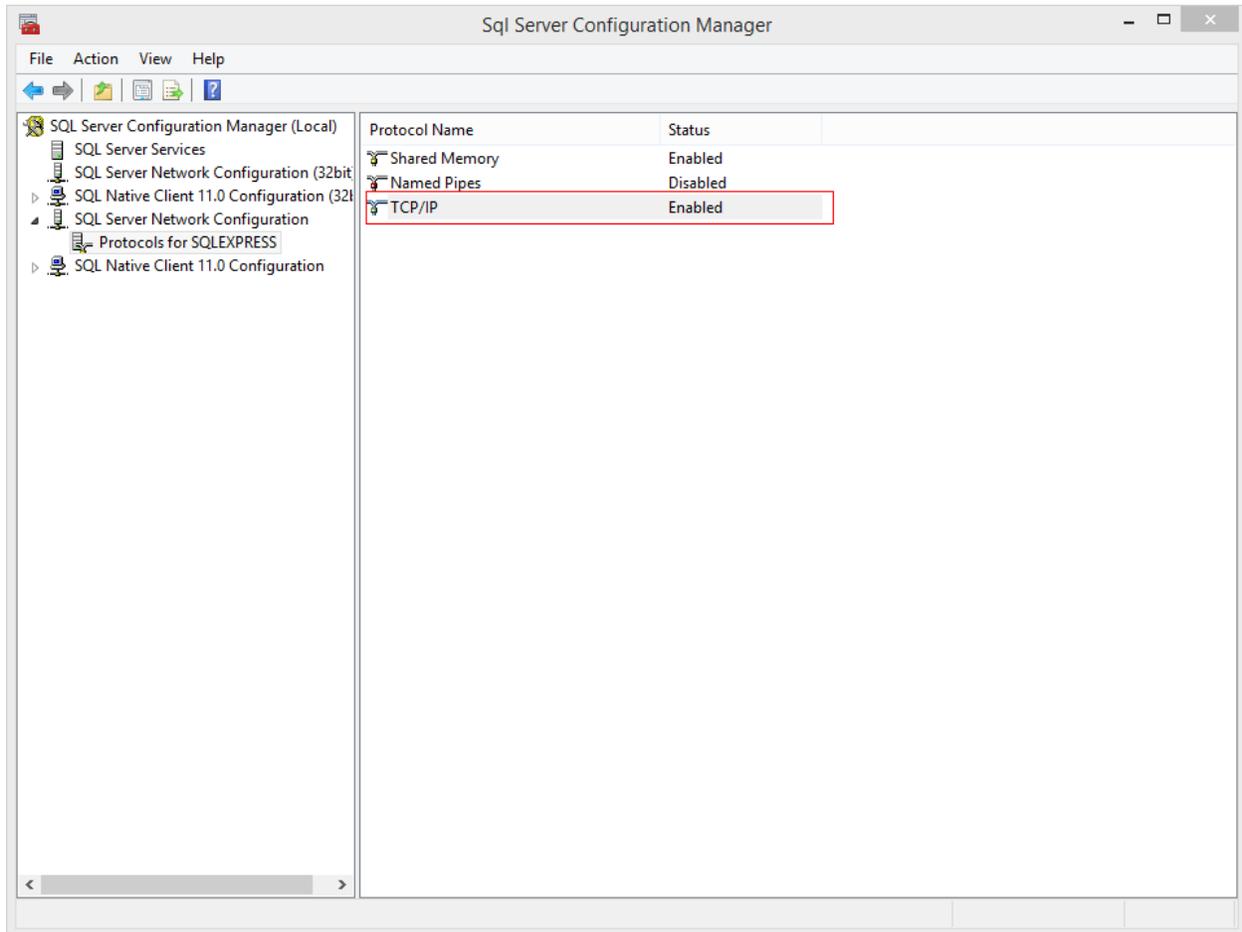
The only thing special is to choose “Mixed Mode (SQL Server and Windows Authentication)” for Authentication Mode. Thus, the database can be accessible by using SQL Server account/password. (In this case, administrator account “sa” will be used for SC login by default)



The screenshot shows the 'SQL Server 2012 Setup' window, specifically the 'Database Engine Configuration' step. The window title is 'SQL Server 2012 Setup'. The main heading is 'Database Engine Configuration' with the subtitle 'Specify Database Engine authentication security mode, administrators and data directories.' On the left, a navigation pane lists various setup steps, with 'Database Engine Configuration' highlighted. The main area has four tabs: 'Server Configuration', 'Data Directories', 'User Instances', and 'FILESTREAM'. The 'Server Configuration' tab is active, showing options for 'Authentication Mode'. Two radio buttons are present: 'Windows authentication mode' (unselected) and 'Mixed Mode (SQL Server authentication and Windows authentication)' (selected and highlighted with a red box). Below this, there are two password fields: 'Enter password:' and 'Confirm password:', both containing masked characters. A list box titled 'Specify SQL Server administrators' contains one entry: 'LaneYan-win8\Lane (Lane)'. To the right of this list is a warning box that reads 'SQL Server administrators have unrestricted access to the Database Engine.' At the bottom of the list box are three buttons: 'Add Current User', 'Add...', and 'Remove'. At the very bottom of the window are four buttons: '< Back', 'Next >', 'Cancel', and 'Help'.

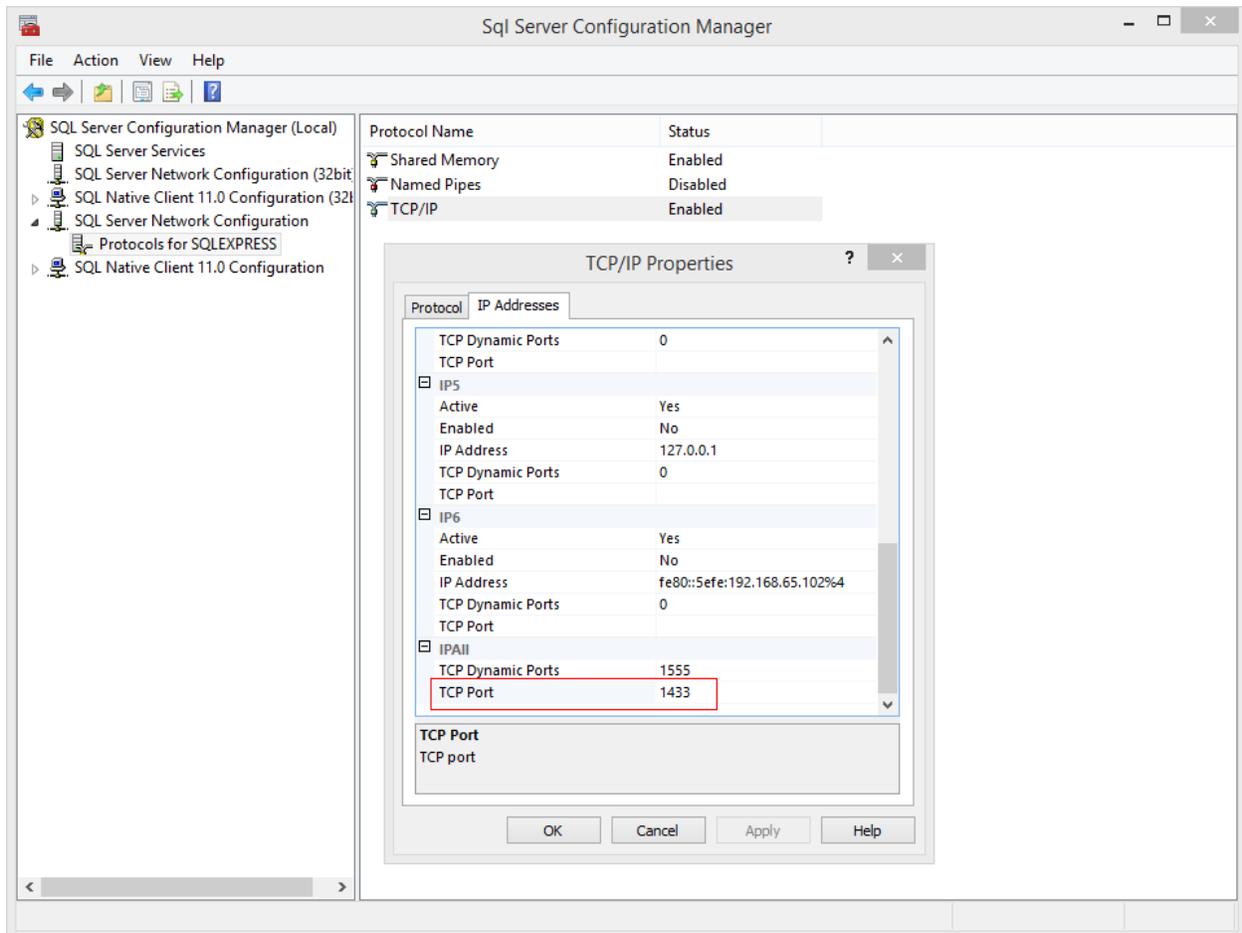
2. Enable TCP/IP protocol access for SQL Server

Find “SQL Server configuration manager”, check “SQL Server Configuration -> Protocols for SQLEXPRESS -> TCP/IP”, and make sure it is “Enabled”.

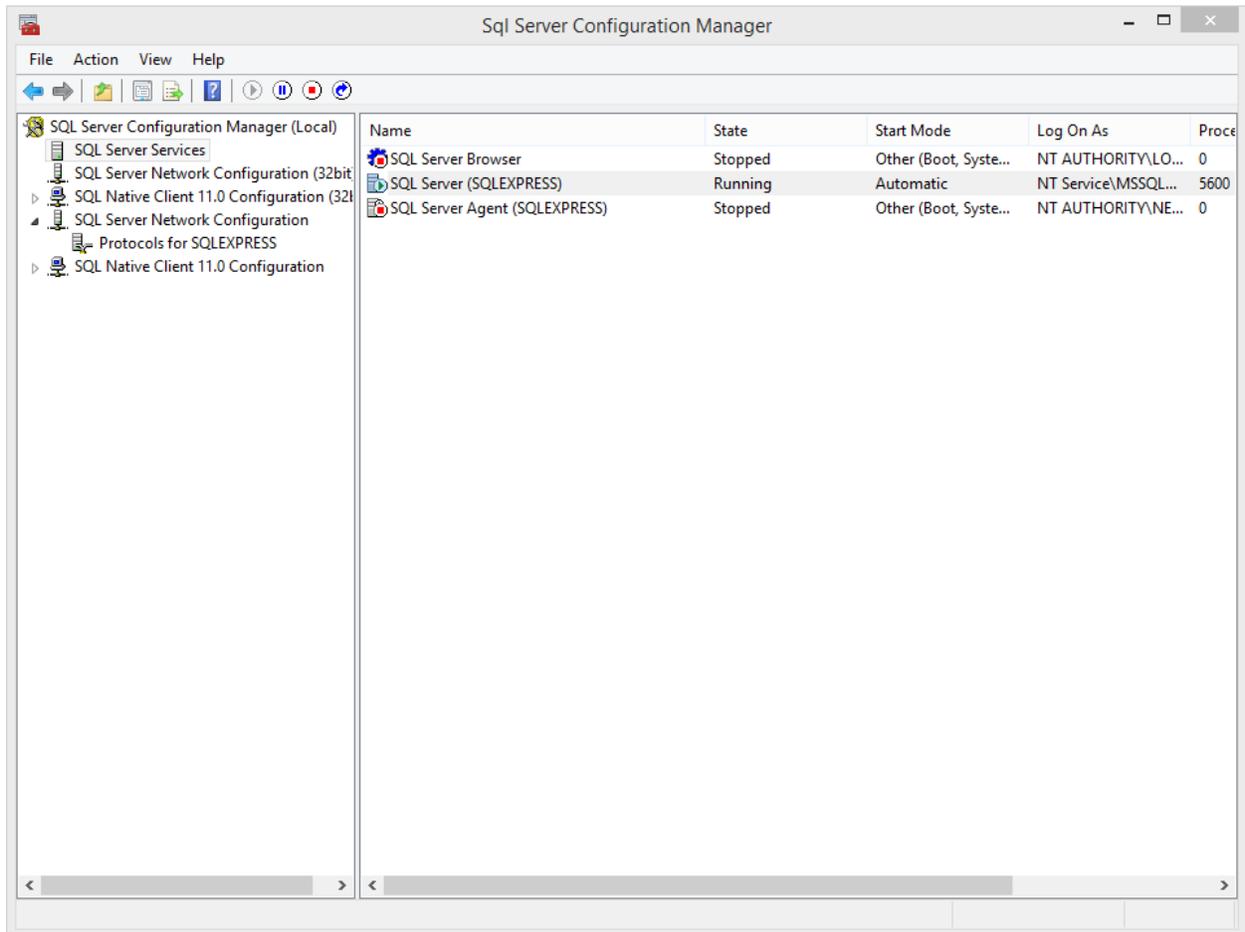


3. Set SQL Server TCP port to 1433

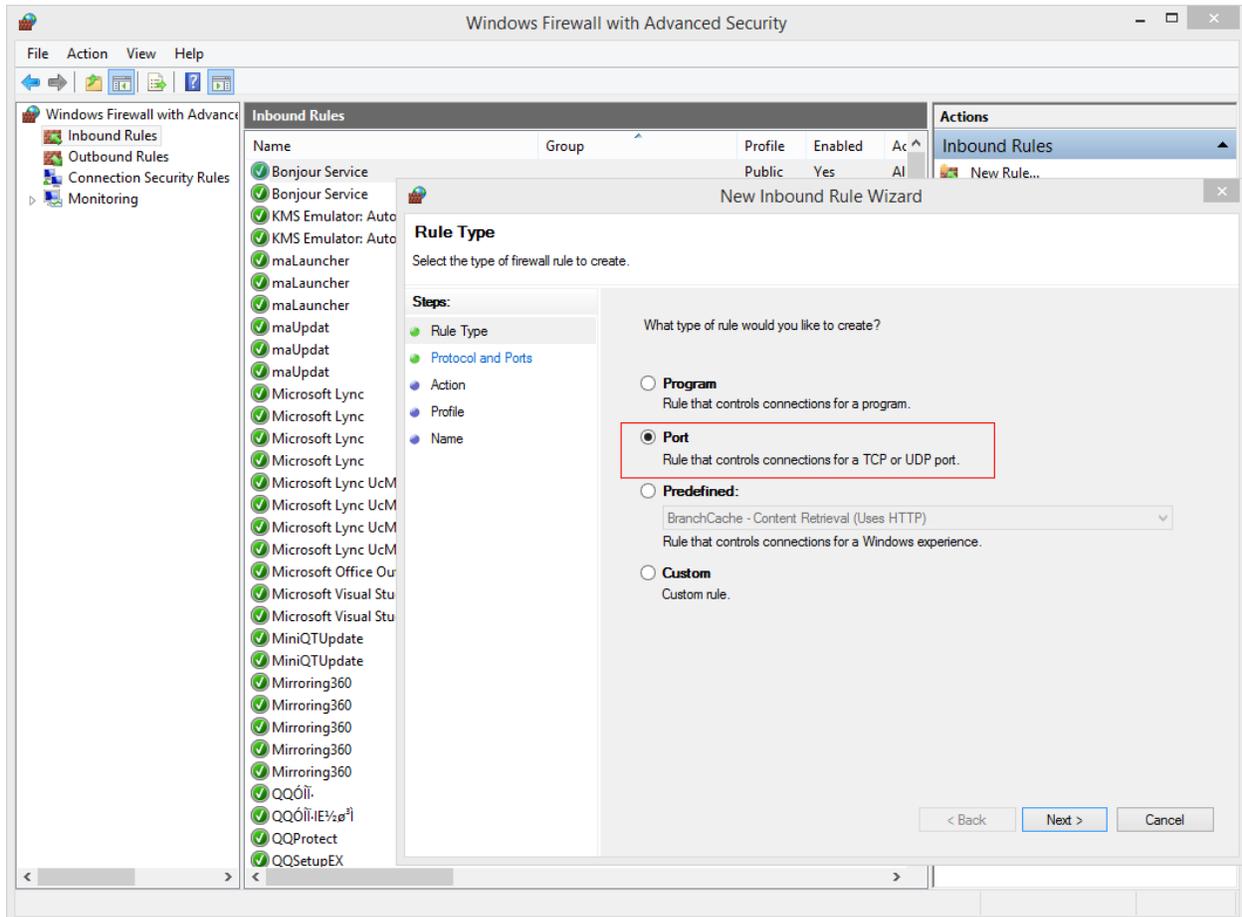
In "TCP/IP Properties" page, find "IPALL" and set "TCP Port" to 1433.



4. Restart SQL Server Service



5. Allow TCP port 1433 in Windows Firewall Inbound rules
Find “Control Panel -> System and Security -> Windows Firewall->Advanced settings”. Create a new Inbound rule for TCP Port 1433.
a) Rule type



b) Protocol and Ports

