**Steps to Connect SQL Server Using Ip Address**

**For Server computer**

1. right click on server name => properties => Allow remote connection

2. Create new user under security tab => assign data base to new user and set permissions for new user remember user name and password (this will be usable if you want to use SQL authentication)

3. open computer manager => Services and Application =>SQL Server Configuration Manager => SQL Server Network Configuration => Protocols for SQLEXPRESS here enable all three options

4. double click on TCP/IP => click on IP Address Set port 1433 every where in the last section named “IPAll” empty dynamic port and set tcp port “1433”

5. Restart SQL Server

6. Open Windows firewall and click on advance Settings

7.Click on inbound rule => new rule on right side => port than click next => type 1433 in specific local port click next=> click next => check all three and click next=> give name and click next

8. final step instead of device name type “ipadress,1433” e.g “192.168.133.124,1433” and connect to sql server

**For Client computer**

1. In server name type “ip address of server,1433” e.g “192.168.133.124,1433”
2. In Authentication Select SQL Server Authentication
3. Give User name and password
4. Click on Connect

<https://www.youtube.com/watch?v=8s_Wm7ai6Gk>

<http://srecorder.com/s/le21>