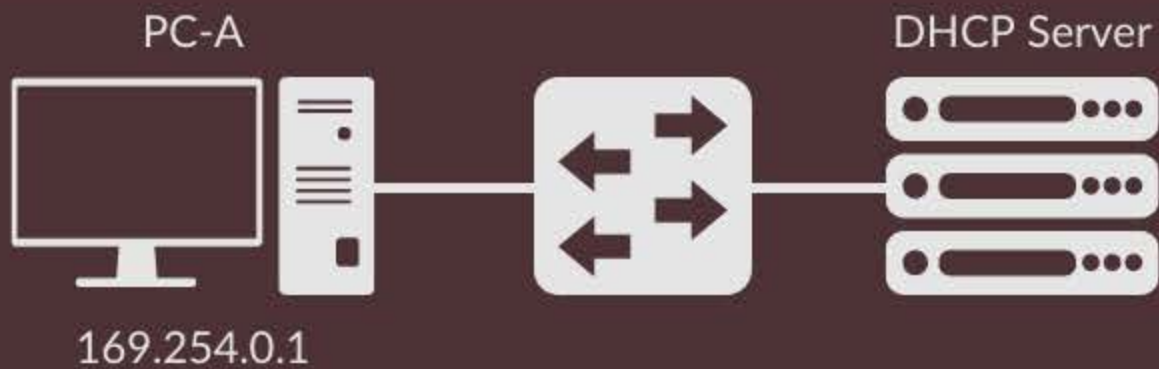




CCNA CHEAT SHEET

Troubleshooting for Beginners



When you start your networking career, troubleshooting is something you need to develop. A good starting block is to use the Bottom-Up approach. To begin with most problems will be within the first 4 Layers

Layer
1

Are all cables connected to the correct interfaces?
Are the interfaces active (up)?

Layer
2

Are there any speed/duplex mismatches between interfaces?
Is the switch MAC address Table correct?

Layer
3

Do the devices have the correct IP address?
Are the devices in the same IP network?

Layer
4

Is the desired port open on the server?
Are there any rules blocking the port in transmission?