

# Connecting to a Cisco Device



- This lecture shows how to connect to a real router or switch over a console connection with Putty.
- The lab exercises in this course use Cisco Packet Tracer simulation software on your PC.
- You do not need to install or use Putty to do the course lab exercises.
- See Section 2 'How to Set Up the Lab' for step by step instructions on how to use Packet Tracer for the course lab exercises.

# Initial Connection to a Cisco Device



- Cisco devices do not usually have a default IP address, so we need to set one up before we can connect to it over the network.
- We need a way to connect to the device to do the initial configuration including adding IP addresses. This is where the console connection comes in.

# The Console Cable (DB9 to RJ45)



# The New Console Cable (USB to Mini-USB)



# Console Connection Troubleshooting

- As well as for initial configuration, the console port can be used if the device's IP addresses become unresponsive.
- It can also be used to troubleshoot the bootup process. You can view the device booting up from a console connection but this is not possible with SSH because the system must have booted already before the IP address will be live.