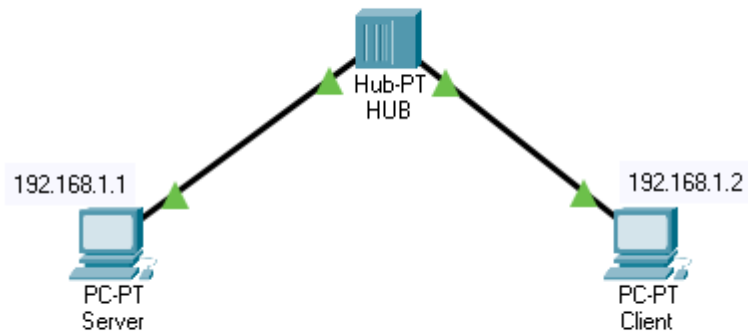


Computer Networks

Lab # 06: Packet Tracer – Hub Based Network



Objective

- Create a simple network with two PCs and a hub
- Apply IP addresses to PCs
- Use the proper cables to connect network devices
- Be familiar with the function of a hub

Scenario

The network topology created in this lab represents a small basic network using a hub.

Step 1

Create 2 PCs, naming one as “Server” and other as “Client”, as shown in the diagram above.

Step 2

Add a hub to the network. Connect both the Server and the Client to the hub.

Step 3

Configure the Server to use IP address 192.168.1.1 and the Client IP address 192.168.1.2.

Step 4

Test connectivity between the Server and Client using the **PING** command in real-time mode. Correct any errors and test connectivity again.

Step 5

Test connectivity between the Server and Client using the **PING** command in simulation mode.
Correct any errors and test connectivity again.