

Explanation on using Cisco packet tracer explaining with step how star topology has been achieved

Let's set up a simple network using Cisco Packet Tracer.

**\*Topology:\***

We'll create a basic network with 1 router, 2 switches, and 4 PCs.

**\*Step-by-Step:\***

1. **\*Open Cisco Packet Tracer\***: Start a new project and name it.

2. **\*Add devices\***:

- 1 Router (e.g., 2811)
- 2 Switches (e.g., 2960)
- 4 PCs

3. **\*Connect devices\***:

- Connect each switch to the router using a copper straight-through cable.

- Connect 2 PCs to each switch using copper straight-through cables.

4. **\*Configure IP ad**

[2/7, 8:41 PM] Meta AI: \*Packet Tracer Topology Configuration\*

\*Step 1: Add Devices and Connect\*

- Add 1 Router (2811)
- Add 2 Switches (2960)
- Add 4 PCs
- Connect Router to Switches with copper straight-through cables
- Connect PCs to Switches with copper straight-through cables

\*Step 2: Configure Router\*

Router>enable

Router#configure terminal

Router(config)#hostname Router

Router(config)#interface  
fastethernet 0/0

Router(config-if)#ip address  
192.168.1.1 255.255.255.0  
Router(config-if)#n

[2/7, 8:41 PM] Meta AI: \*Packet Tracer Topology Configuration\*

\*Step 1: Add Devices and Connect\*

- Add 1 Router (2811)
- Add 2 Switches (2960)
- Add 4 PCs
- Connect Router to Switches with copper straight-through cables
- Connect PCs to Switches with copper straight-through cables

\*Step 2: Configure Router\*

Router>enable

Router#configure terminal

Router(config)#hostname Router

Router(config)#interface  
fastethernet 0/0

Router(config-if)#ip address  
192.168.1.1 255.255.255.0  
Router(config-if)#n