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**Part 5: Examine the Physical Topology**

**Step 1: Examine the Cloud.**

a.     Click the **Physical Workspace** tab or press **Shift**+**P** and **Shift**+**L** to toggle between the logical and physical workspaces.

b.     Click the **Home City** icon.

c.     Click the **Cloud** icon.

Question:

How many wires are connected to the switch in the blue rack?

d.     Click **Back** to return to **Home City**.

Answer: 2 cables ethernet0 and coaxial

**Step 2: Examine the Primary Network.**

a.     Click the **Primary Network** icon. Hold the mouse pointer over the various cables.

Question:

What is located on the table to the right of the blue rack?

b.     Click **Back** to return to **Home City**.

Answer: conf. terminal connected via copper roll over to the router0

**Step 3: Examine the Secondary Network.**

a.     Click the **Secondary Network** icon. Hold the mouse pointer over the various cables.

Question:

Why are there two orange cables connected to each device?

b.     Click **Back** to return to **Home City**.

Answer: one for the transmit, other for receiving

**Step 4: Examine the Home Network.**

a.     Click the **Home Network** icon.

Question:

Why is there no rack to hold the equipment?

b.     Click the **Logical Workspace** tab to return to the logical topology.

Answer: There is no rack to hold the equipment because home networks typically do not require racks. Unlike enterprise networks, home networks have fewer devices, such as a router, modem, and possibly a small switch, which can be placed on a desk or shelf. Additionally, Packet Tracer simplifies the physical representation of the network, so racks are not included in basic home network setups.