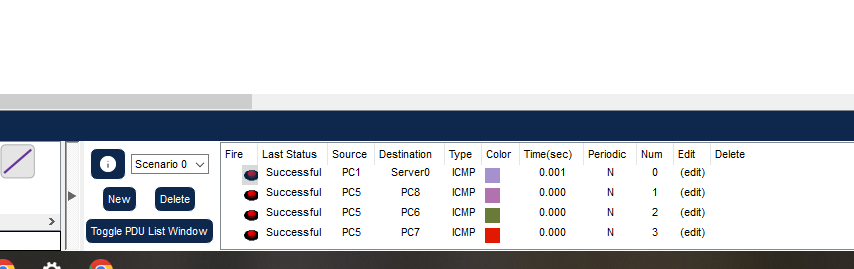
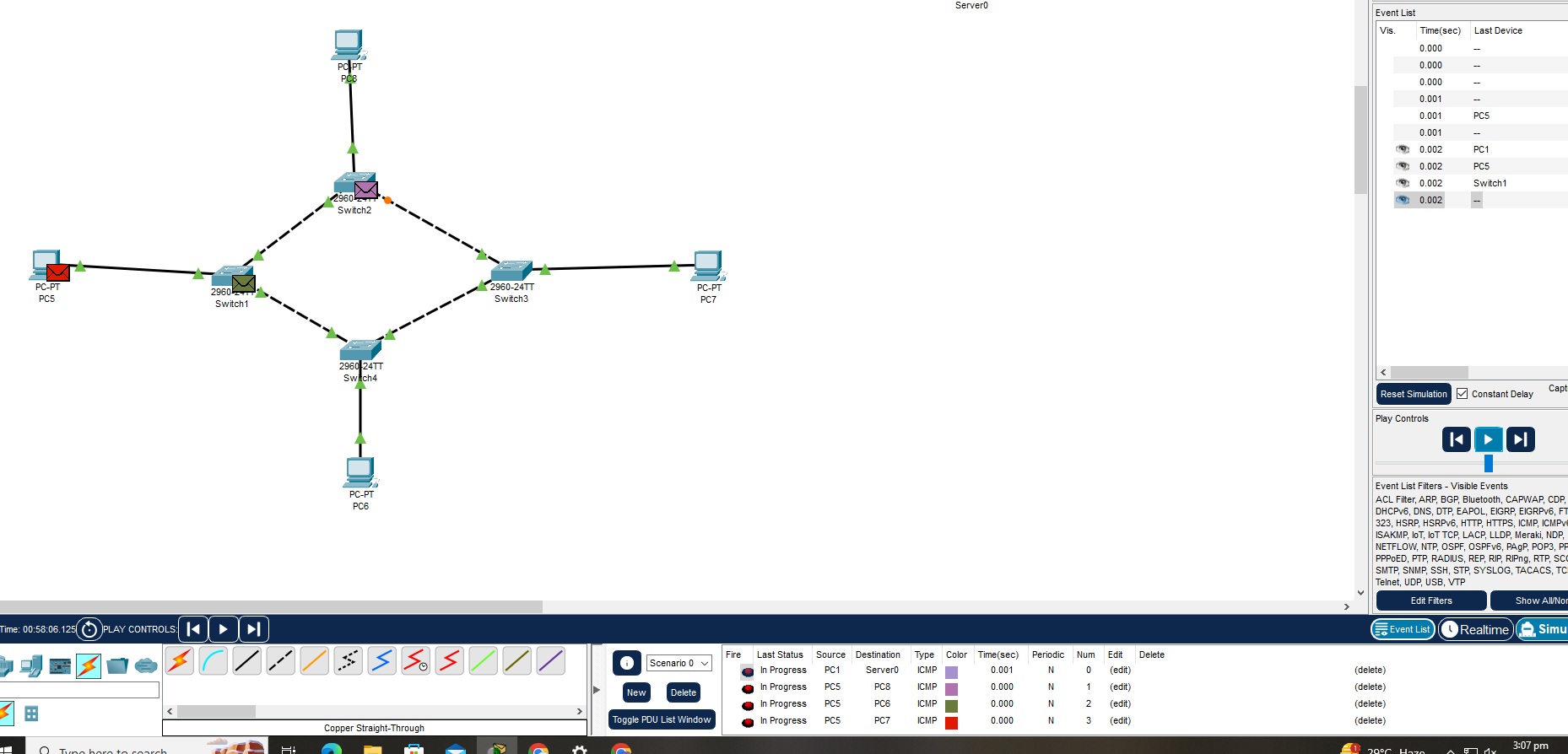
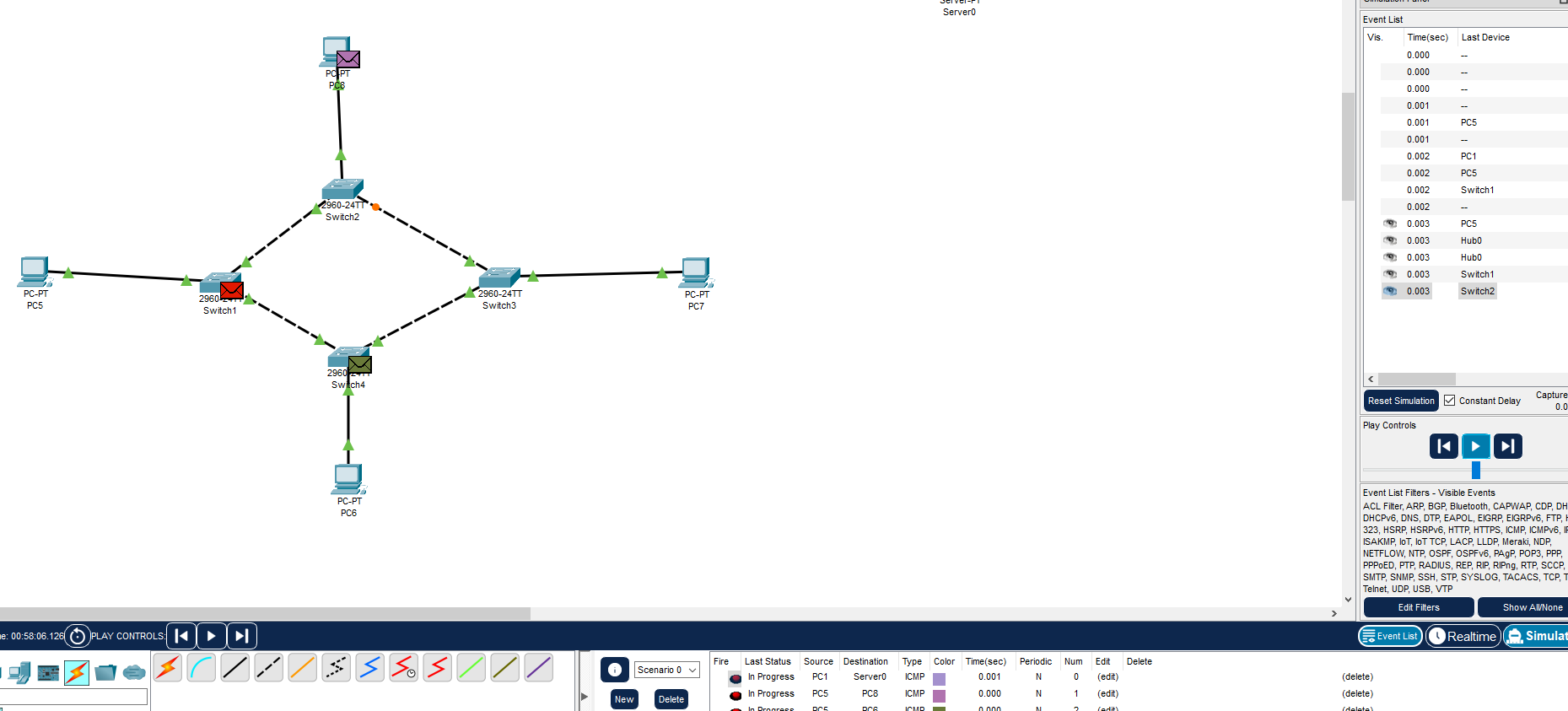
**Name : Umer yousuf**

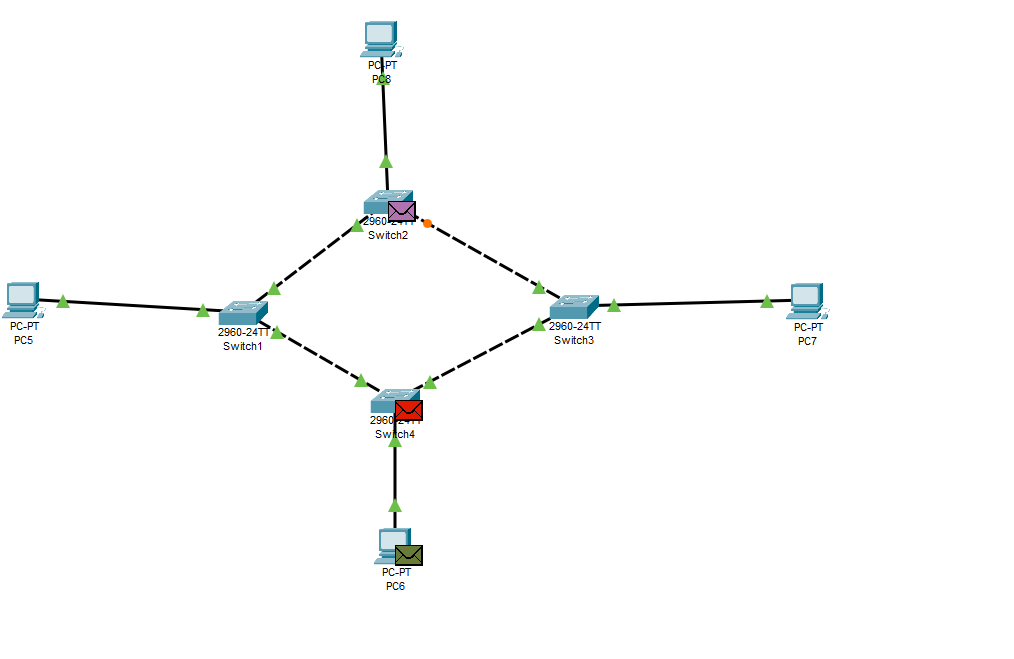
**Class : bcs-6H**

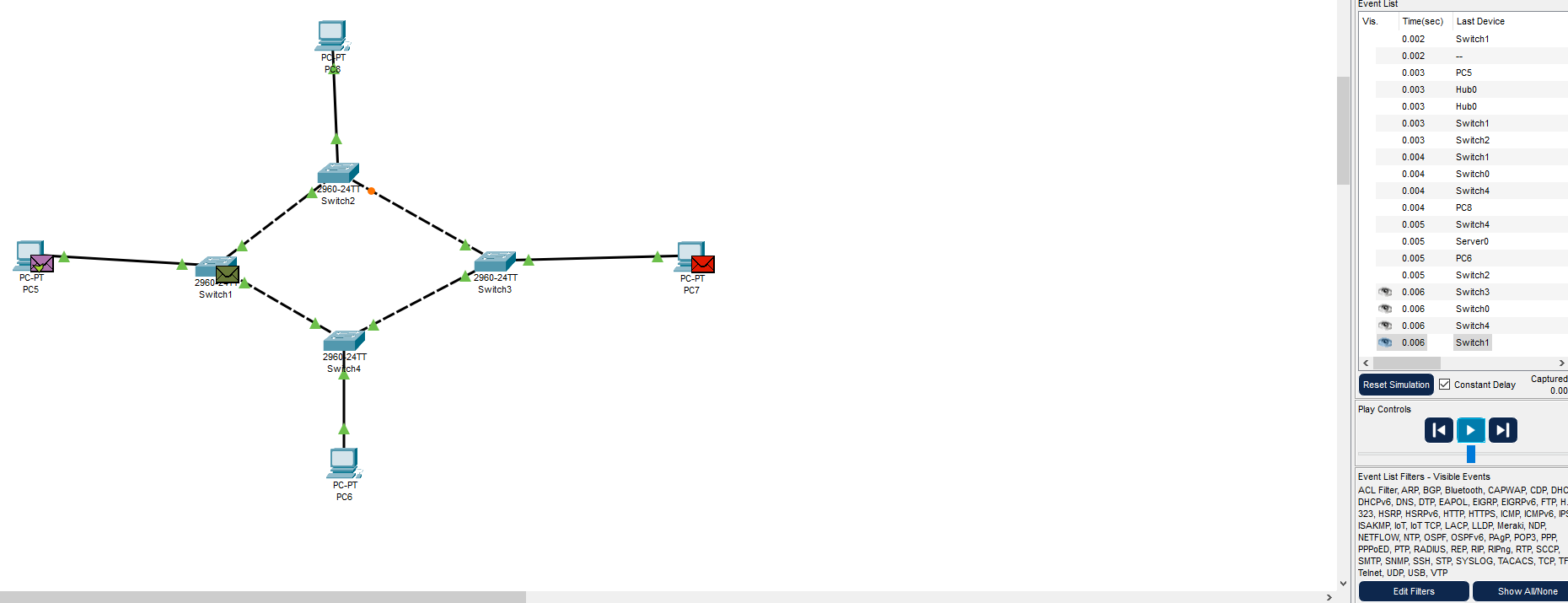
**Q1:**

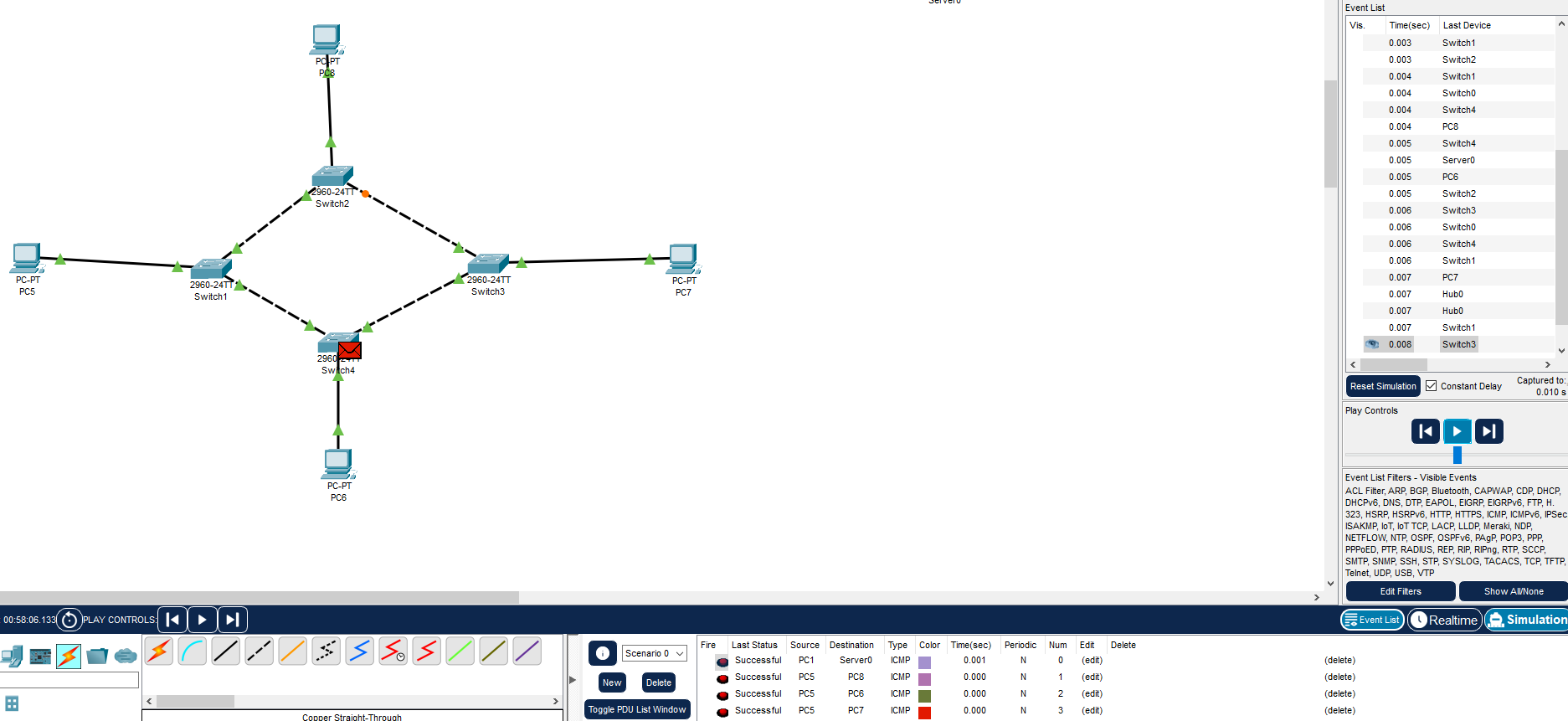
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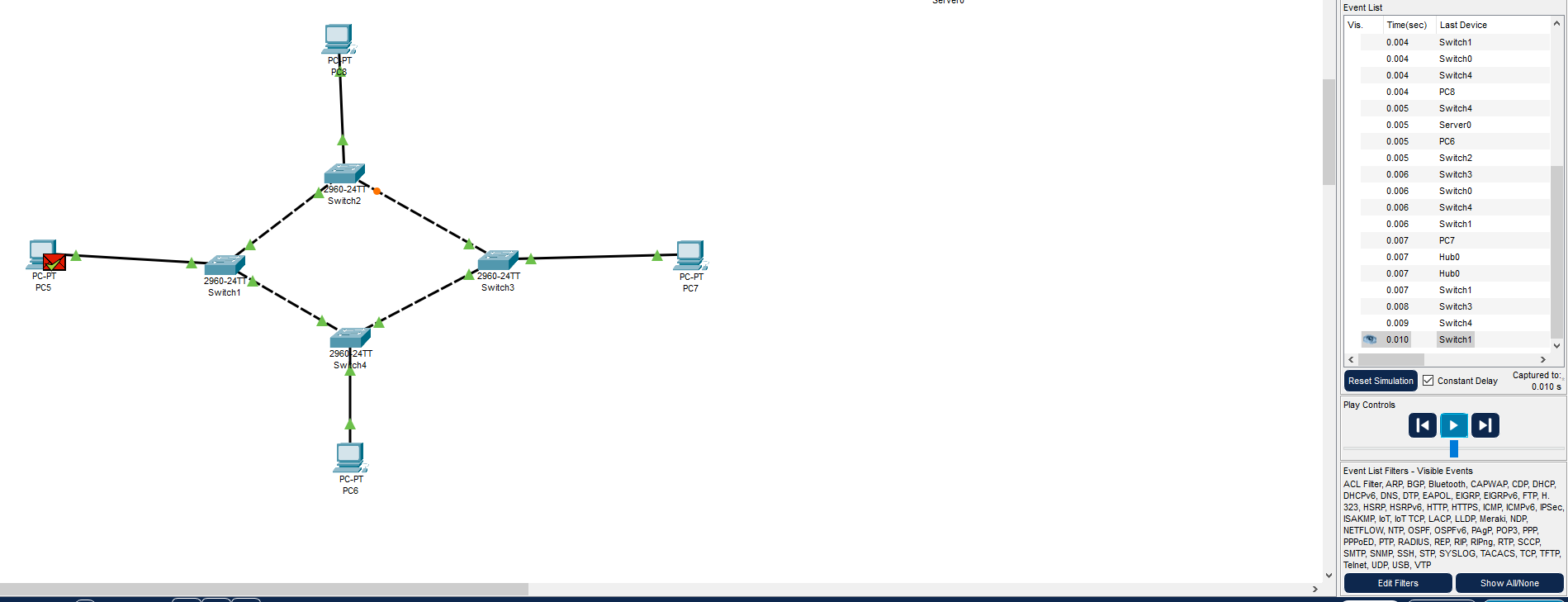
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**2) Identify the difference between Switch and Hub?**

Hubs:

Broadcast data to all devices. Shared bandwidth, slower performance.

Switches:

Forward data only to intended recipients. Dedicated bandwidth, faster performance.

**3) Differentiate between physical and logical modes?**

**Physical:**

Deals with the actual storage and access of data on a device.

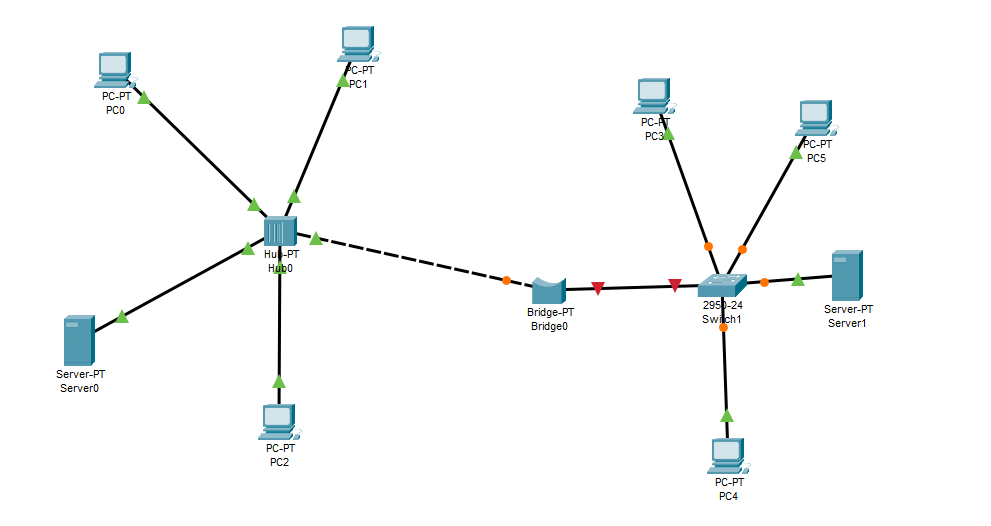
example:A file stored on your hard drive.

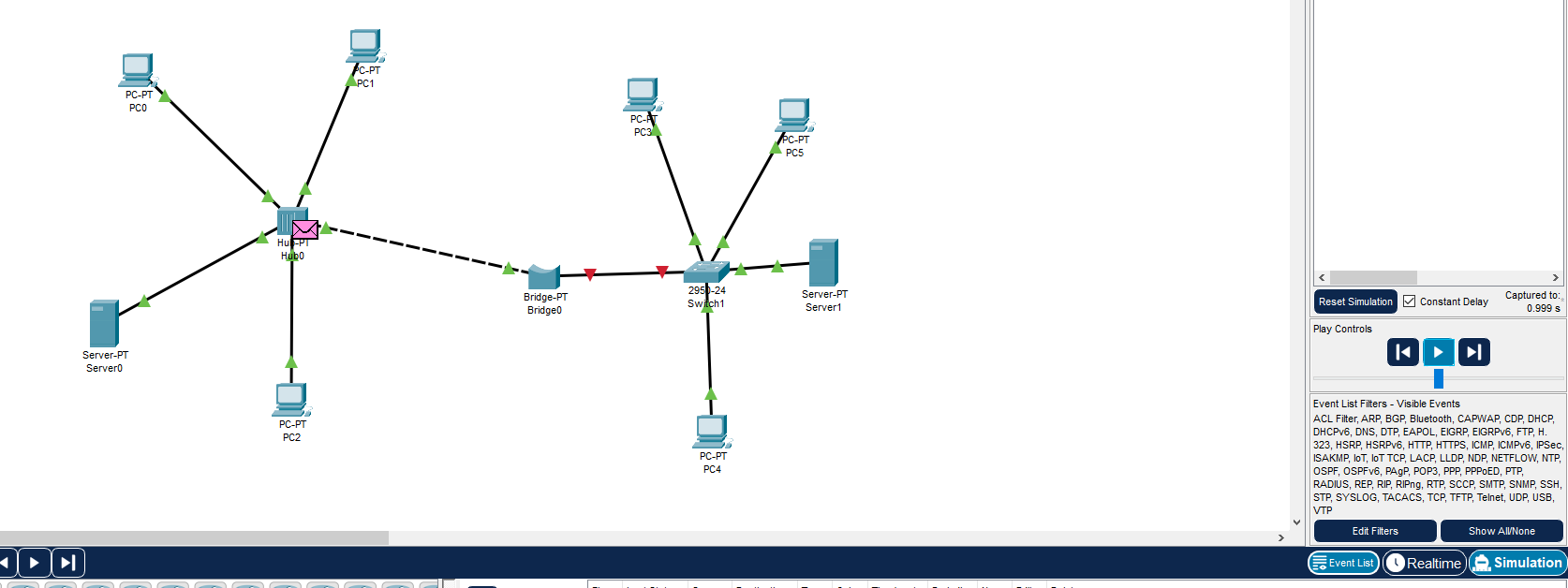
**Logical:**

Focuses on the structure and relationships within the data itself.

example:The table structure in a database.

**Q5:**

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