

CSE320 Assignment 1 [SFQ | Summer 2024]

1 message

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To: sumaiya.hossain.surovi1@g.bracu.ac.bd

Tue, Jun 25, 2024 at 11:51 PM

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Suppose, a university has four buildings. Each building has a computer lab and an administrative office. There are 3 nodes in each lab and 4 nodes in each office. **Identify** and **draw** the hybrid network that satisfies the following criteria:

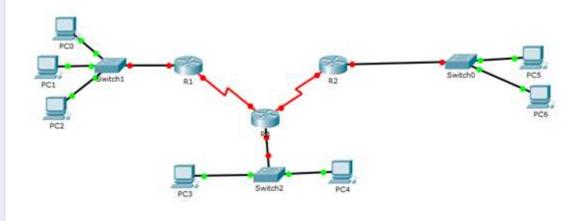
- **1.** Both the lab and office can communicate with each other as they are connected centrally. If one gets disconnected, the other remains active.
- **2.** The devices in both lab and office use a central backbone line and are connected using multipoint connections only.
- 3. Dedicated point to point connection is used to connect buildings with each other.

Submitted files

PDF

Answer - SUMAIYA HOSSAIN SUROVI.pdf

In the diagram below, R1, R2 and R3 are three routers. How many local area networks (LANs) do you think the topology has and why? If PC1 wants to send data to PC4, then what is the first hop that the data has to go from source PC1?



Which of the following statements are true?

Half-Duplex mode allows data to flow in both directions

Hub is an end-device

Services provide information is response to a request

WANs are found in small office or institutional buildings

Lower the jitter, higher the effectiveness of a system

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dding source and estination logical address	0	0	0	0	•	0	0
esponsibility for handling ames between adjacent odes	0	0	0	0	0	•	0
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