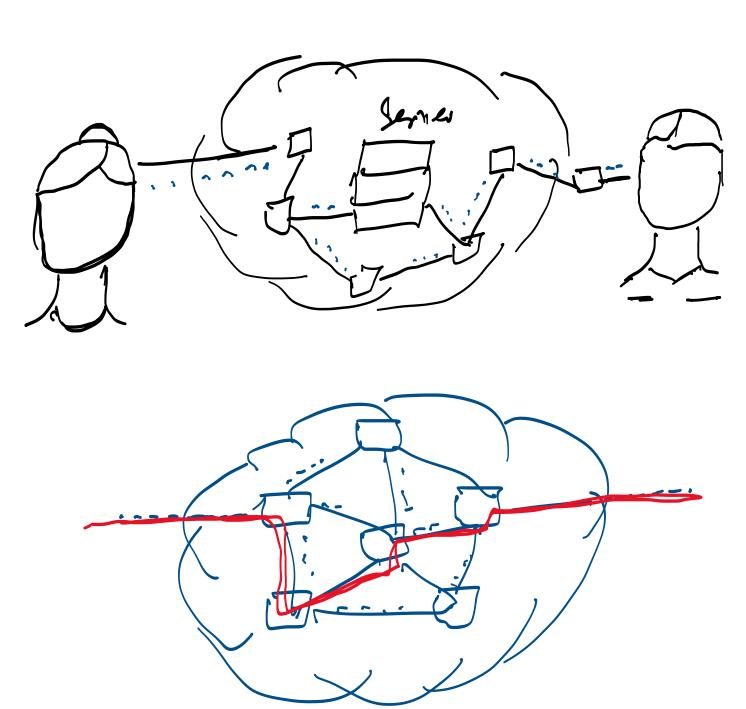
Sunday, 4 April 2021 2:21 PM

> Packet Switching: 91 transmits data across digital networks by breaking it into packets of same Size les efficient transfer using ranjous network devices.



O LORINA.

Paclet Switched Network: 91 follows retworking Protocols that divide messages into fackets before sending them. Packet-Switching technologies one part of the basis for most moter wide area retworks. E.y: TCP/IP.

Circuit Switching Networks: we use these mostly for phone cells while PSIN (Land) Lines. While packet-switching networks oxed for data. Circuit switch networks service as

dedicated channel by the entire communication and regarde a line.

Advantages of Packet switching over Circuit switching:

1. Esticiency: less bandwidt wastage. 2. Speed: Optimal transmission speed, minimal Catency. 3. Improved laut tolerance: During the transmission partial

pulajes of derives may cause puckets to change route but

4. Budget: Cost effective and simple to acquire.

S. Digital: Works well for data communication, transmitting digital data. Digital retworks employs checks In error detection.

Disadvantages of Packet Switching over circuit switching:

Reciability: Circuit Switiched networks delixer the packets in order along the same route and are theretor len likely to experience missing packets in first

Complexity: Packet Suitching networks ne complex as switching modes require more processing and

File Size: When the file size/data is large, meltiple re-routing delays occur, the risk of multiple bot puckets, and other issues might occur.