

Message Switching

It is an alternative switching technique in which a message is transferred as a complete unit and routed through intermediate nodes at which it is "stored and forwarded".

Here, it is not necessary to establish a dedicated path between the sending and receiving devices.

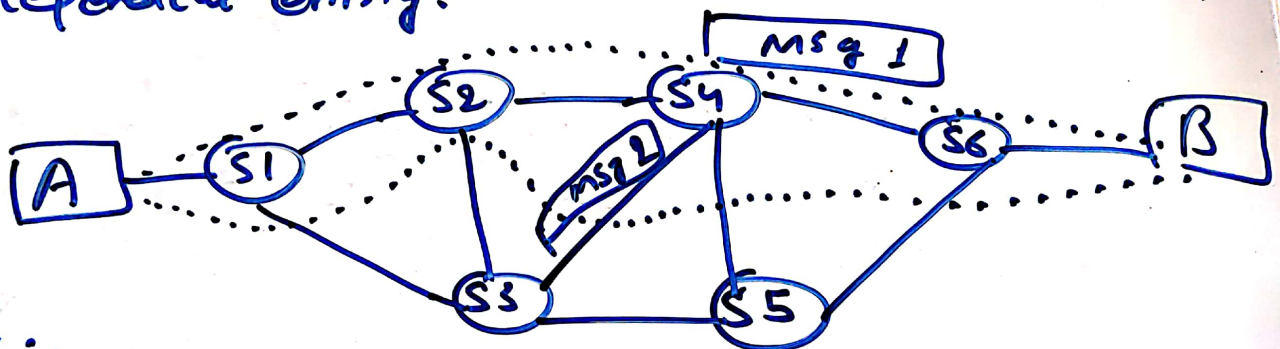
The destination address is appended to the message. It provides a dynamic routing as the message is routed through the intermediate nodes.

Each and every node stores the entire message and then forwards it to the next node.

This type of network is known as "store and forward network".

Message Switching

Message switching treats each message as an independent entity.



Adv:

- 1) Traffic can be reduced
- 2) Data channels are shared
- 3) Size of the message can be varied

Disadvantages

- 1) The long delay can occur due to storing & forwarding.
- 2) The message switches must have sufficient storage to store them.