02:19

DATA LINK LAYER

Application Layer	It is responsible for moving data(frames) from one node to another node.
Presentation Layer	**SERVICES PROVIDED BY DATA LINK LAYER**
Session Layer	★ Framing.
Transport Layer	★ Physical Addressing.
Network Layer	★ Flow Control.
Data Link Layer →	★ Error Control.
Physical Layer	★ Access Control.

NESO ACADEMY

03:56

FRAMING

★ The data link layer needs to pack bits into frames, so that each frame is distinguishable from another.

★ Our postal system practices a type of framing.

★ The simple act of inserting a letter into an envelope separates one piece of information from another; the envelope serves as the delimiter.
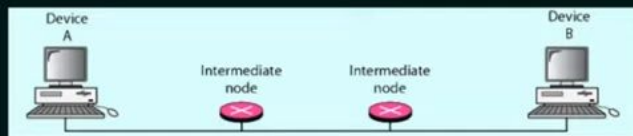
Device A — Intermediate node — Intermediate node — Device B

NESO ACADEMY

05:04

PHYSICAL ADDRESSING

★ A Frame is the encapsulation of the header and trailer information with the packet.

★ In the header, the source and the destination MAC address are dealt.

07:12

FLOW CONTROL

★ Flow Control is one of the duties of data link control sublayer.
★ The flow control in data link layer is end to end flow control.
★ Speed matching mechanism.
★ Flow control coordinates the amount of data that can be sent before receiving an acknowledgment.

08:00
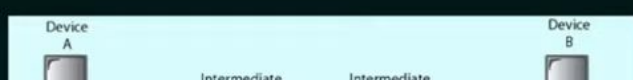
ACCESS CONTROL

★ Media Access control.

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ERROR CONTROL

★ Error Detection.

★ Error Correction.