

ISE CERTIFICATION COURSE DETAILS

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COURSE NAME:	NETWORKS CONCEPT AND PROGRAM	DATE:	22/05/2020

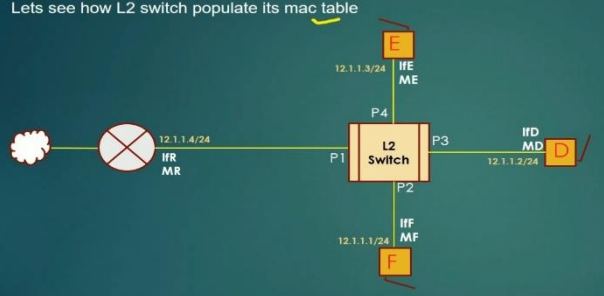
SCREENSHOT:

Network Programming from Scratch in C

Lecture VDO 4

Routing – L2 Routing -> L2 Switch -> Mac Learning

- Lets see how L2 switch populate its mac table



Mac address	Outgoing port no

- L2 Switch (Or bridge) make an entry in the mac table by inspecting the contents of Ethernet hdr of the frame

BRIEF REPORT:

- 1). A network switch (also called switching hub, bridging hub, officially MAC bridge) is networking hardware that connects devices on a computer network by using packet switching to receive and forward data to the destination device.

- 2).Switches are most commonly used as the network connection point for hosts at the edge of a network. In the hierarchical internetworking model and similar network architectures, switches are also used deeper in the network to provide connections between the switches at the edge.

- 3). Through port mirroring, a switch can create a mirror image of data that can go to an external device such as intrusion detection systems and packet sniffers.