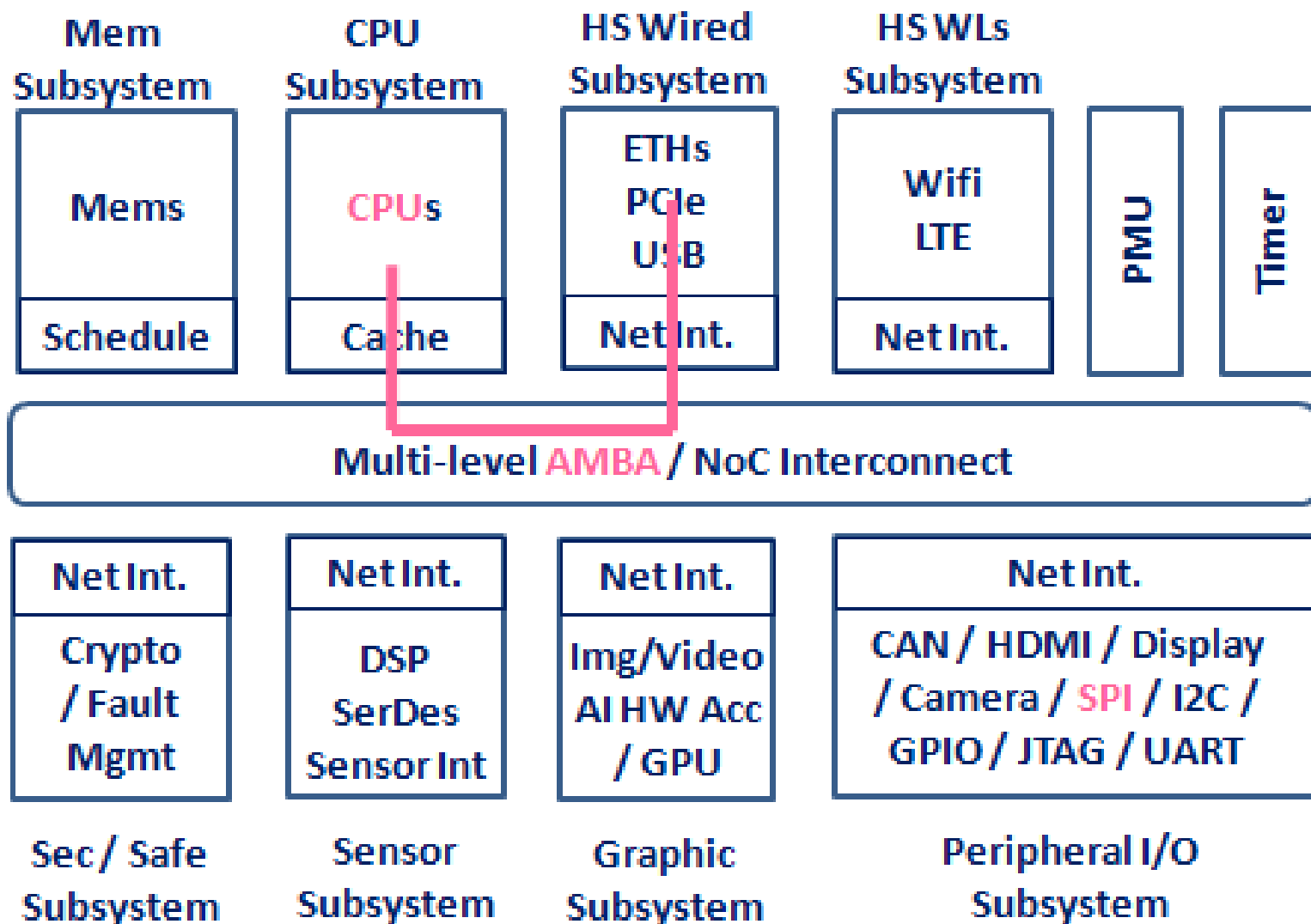


DUT and UVM Testbench

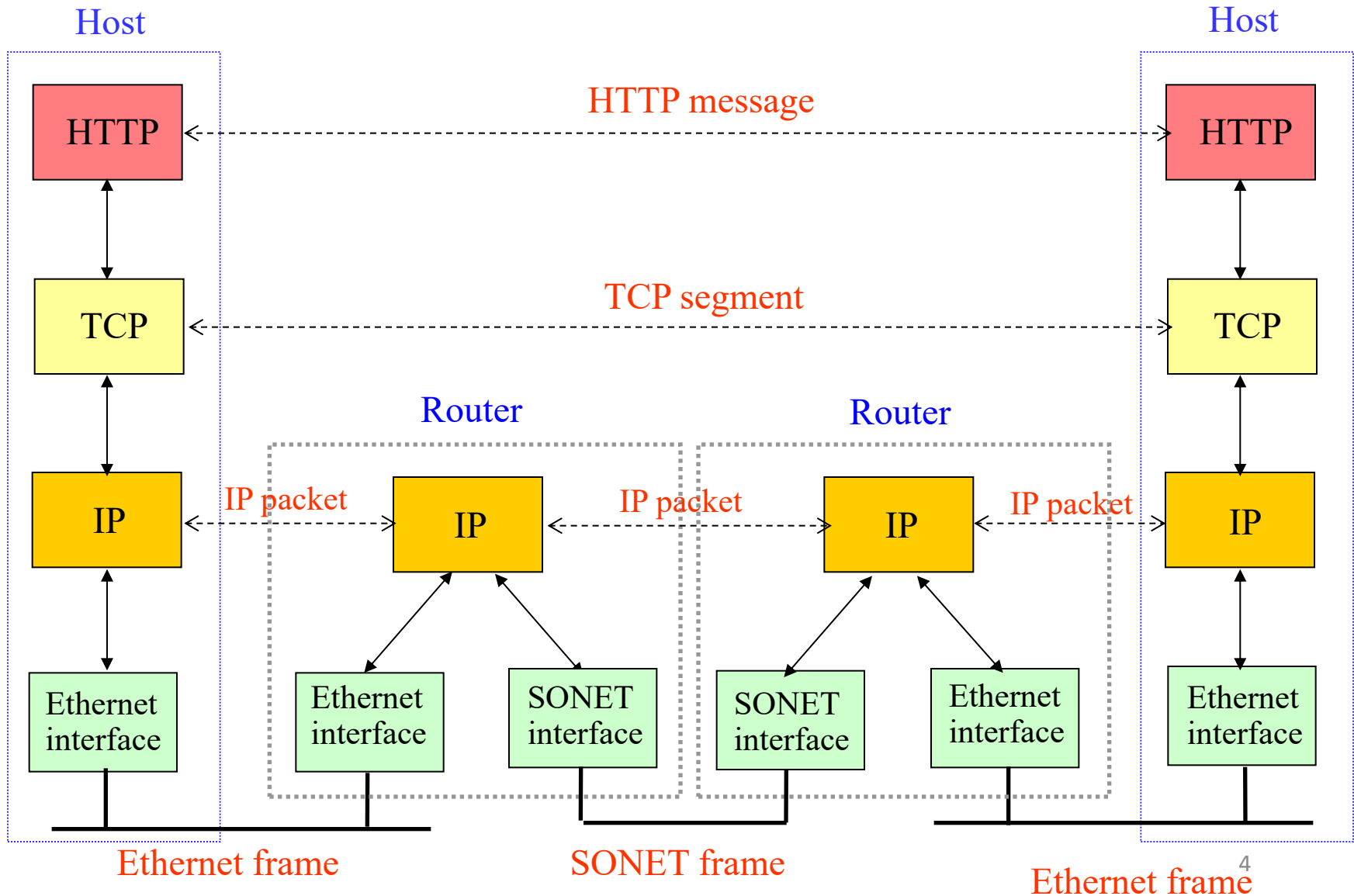
SoC ETH

Tuan Nguyen-viet

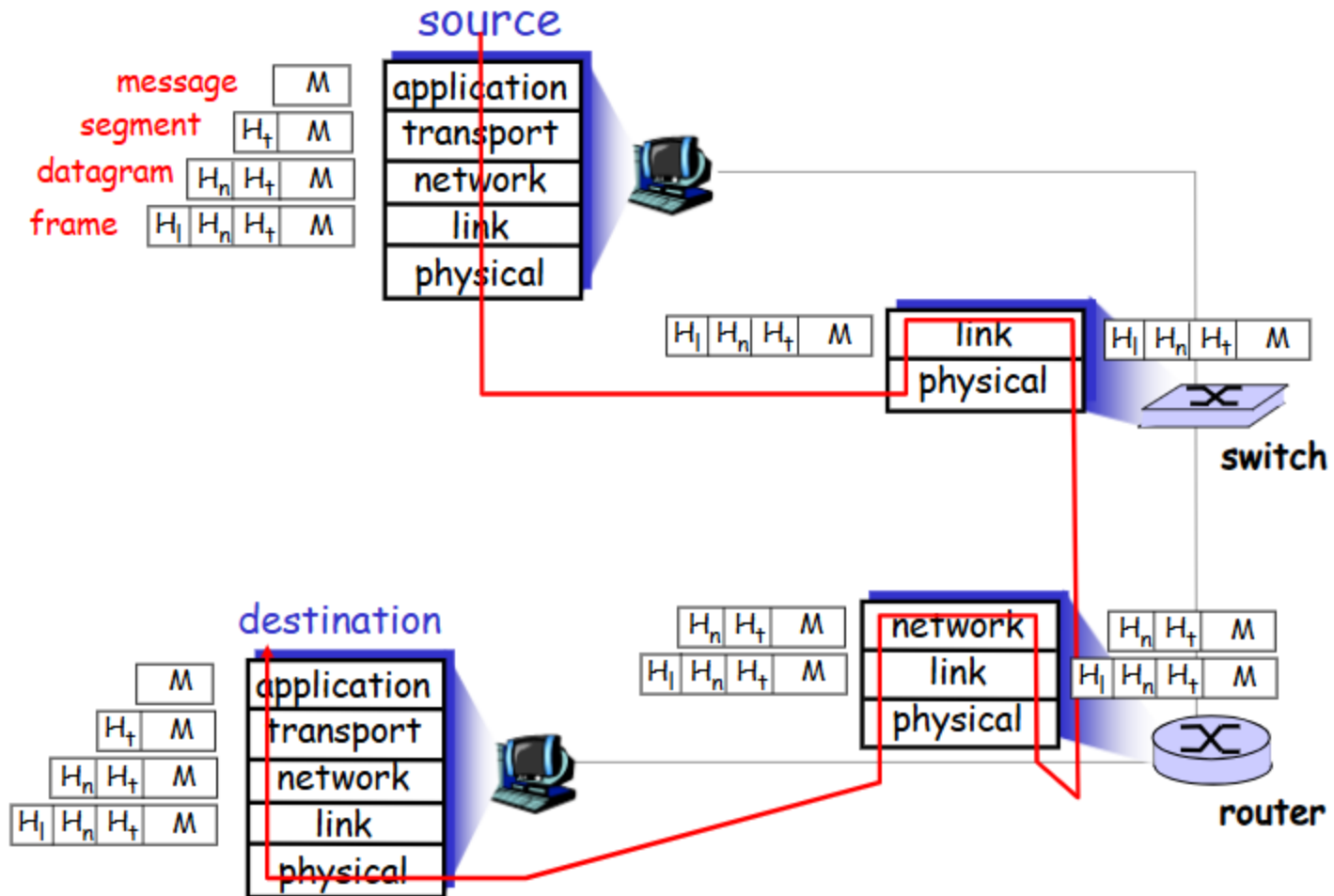
SoC ETH



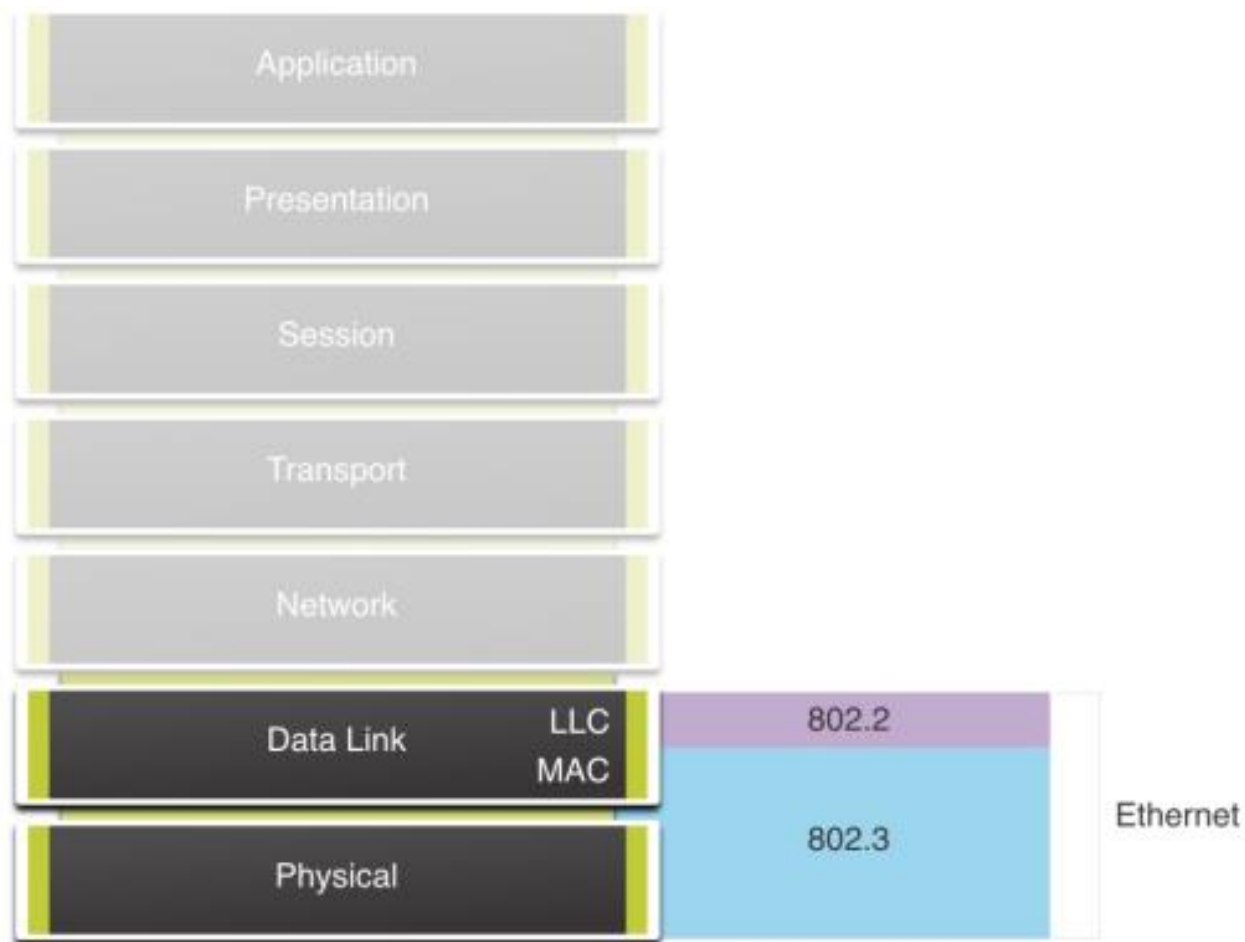
Data Comms



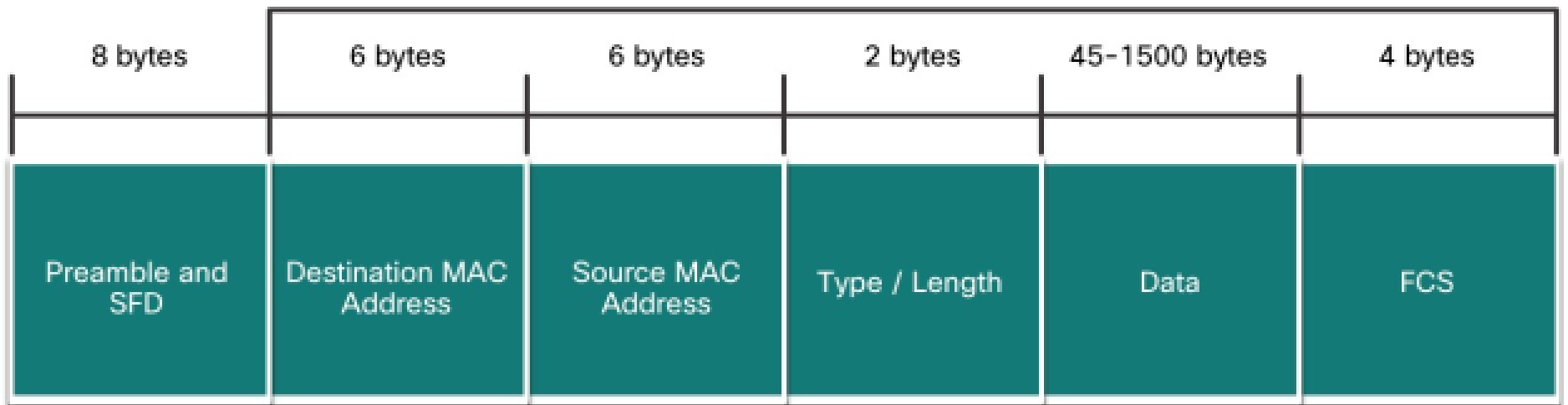
Data Comms (2)



Ethernet in OSI Layers



Ethernet Frame

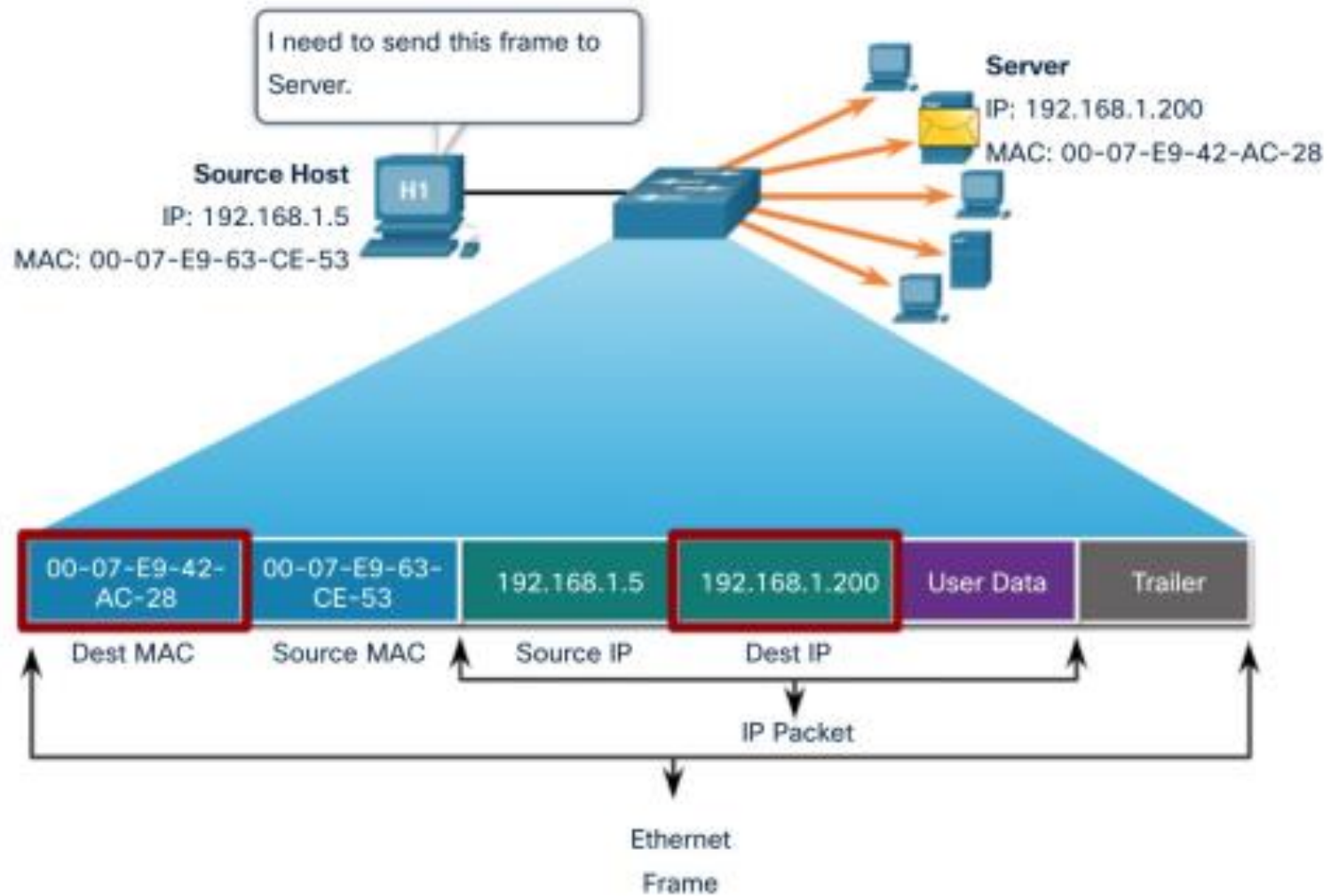


MAC Addressing

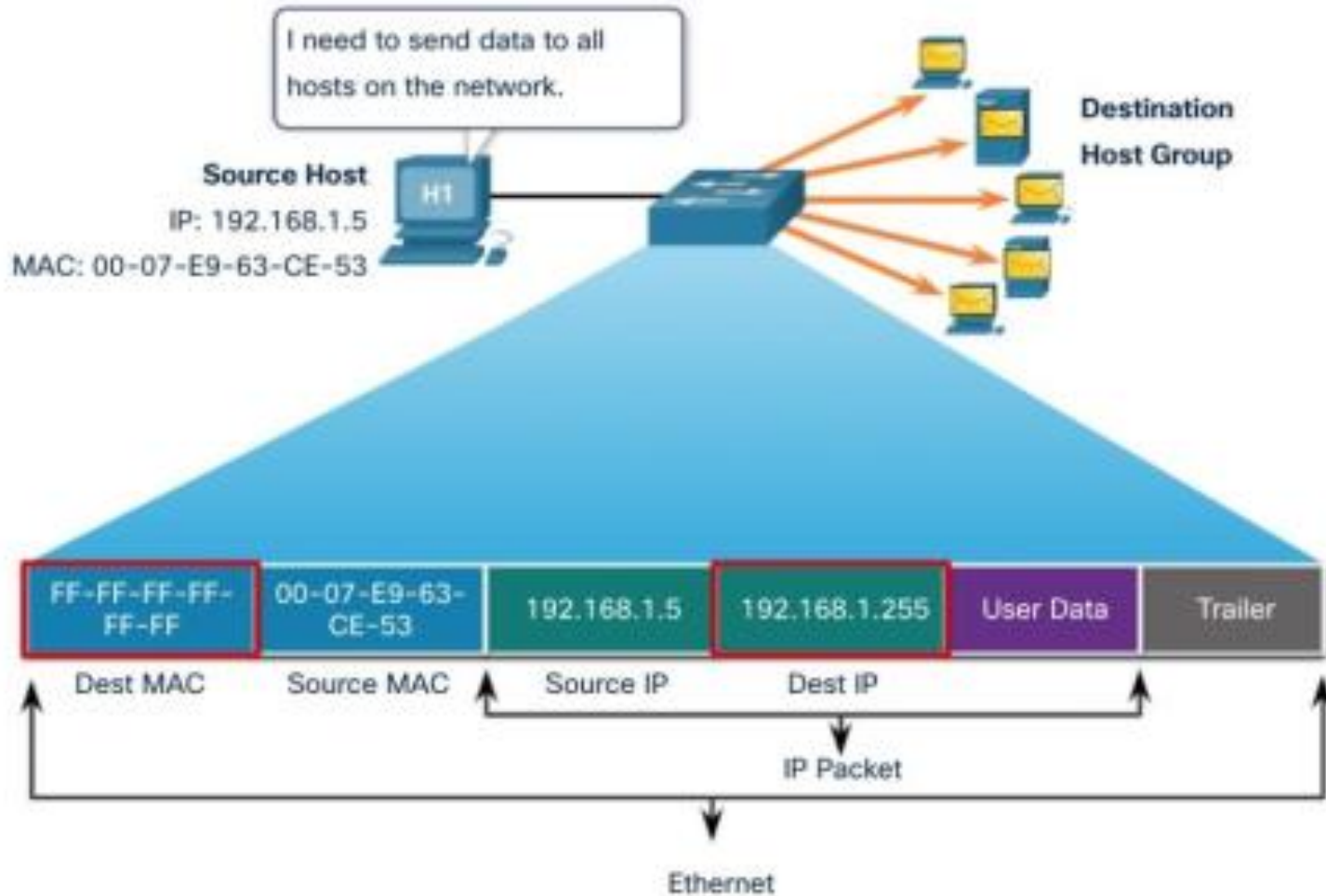
Destination Address	Source Address	Data
CC:CC:CC:CC:CC:CC	AA:AA:AA:AA:AA:AA	Encapsulated data
Frame Addressing		



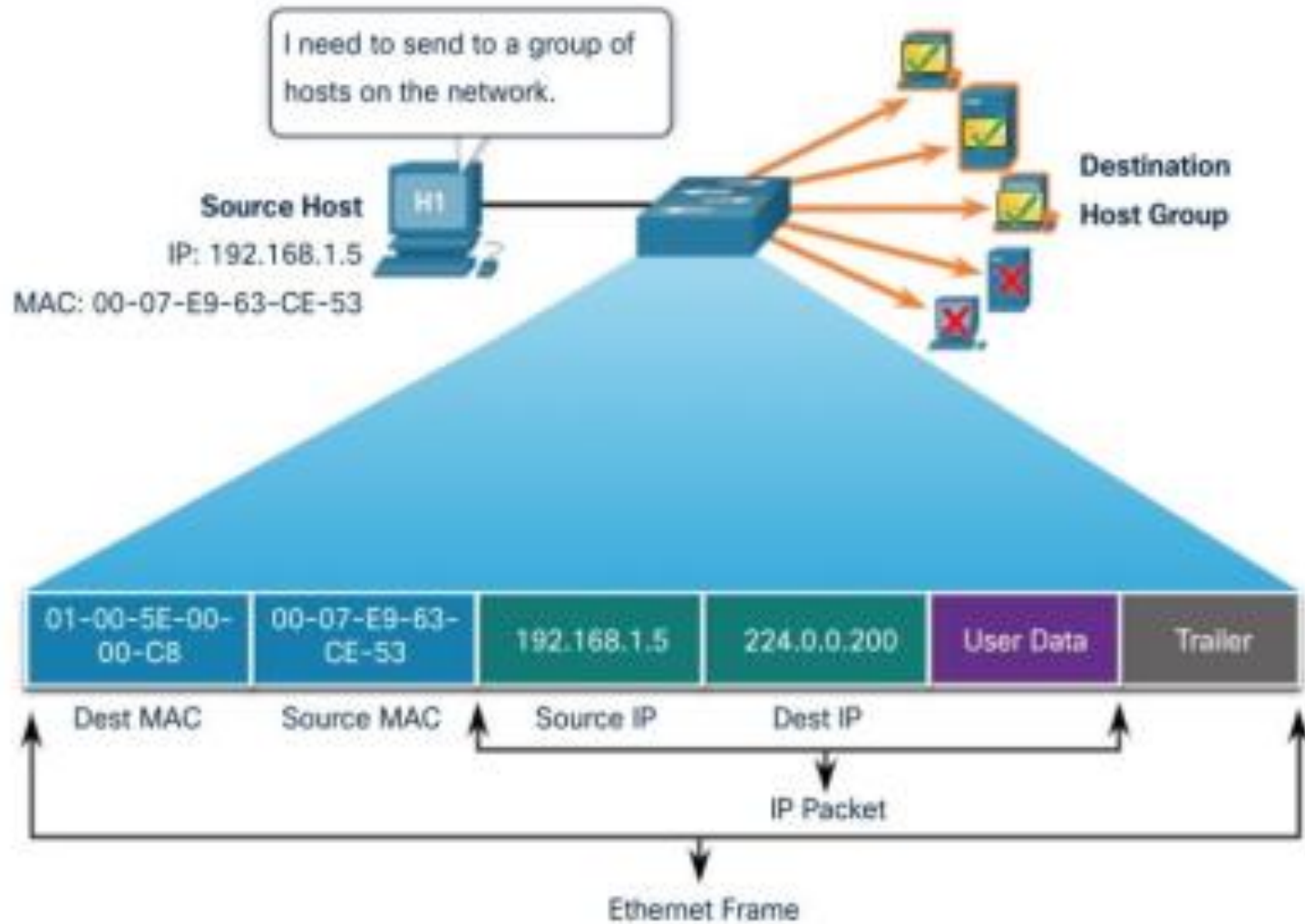
Unicast



Broadcast

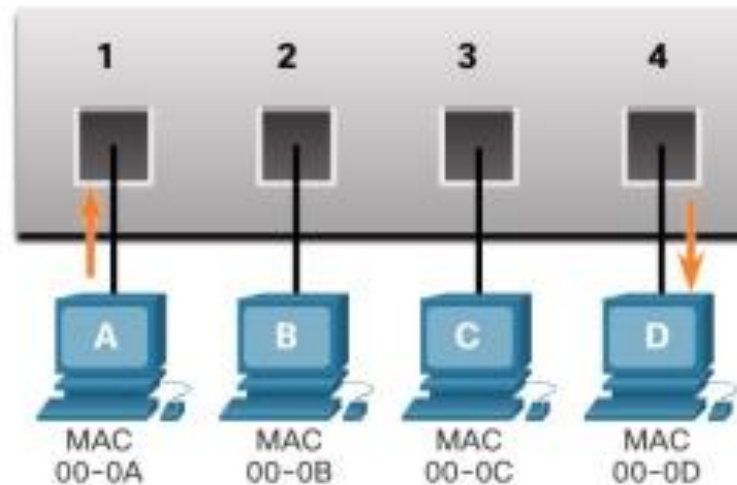


Multicast



Filtering

MAC Address Table	
Port	MAC Address
1	00-0A
4	00-0D



Destination MAC 00-0D	Source MAC 00-0A	Type	Data	FCS
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Thank You