

Quiz6_1 Check Your Understanding - Encapsulation and the Ethernet Frame

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1. The process of prepending protocol information with information from another protocol is called:

* 1 point

- ☐ encoding
- ☐ framing
- ☐ packetizing
- ☒ encapsulation

2. When an Ethernet frame is sent out an interface, the destination MAC address indicates:

* 1 point

- ☐ The MAC address of the router.
- ☐ The MAC address of the NIC card of a device, which is on this network or another network, that will receive the Ethernet frame.
- ☐ The MAC address of the NIC card that sent the Ethernet frame.
- ☒ The MAC address of the device, which is on this network, that will receive the Ethernet frame.

3. Which Ethernet frame field indicates the beginning of an Ethernet frame? *

1 point

- ☒ Preamble and SFD
- ☐ Destination MAC Address
- ☐ FCS
- ☐ Type/Length

4. The Ethernet protocol is at what layer of the OSI Model? *

1 point

- ☐ Layer 3 Network
- ☒ Layer 2 Data Link
- ☐ Layer 4 Transport
- ☐ Layer 1 Physical

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