Informal Quiz 1 True or False?
T F
☐ ☐ The structure of MAC addresses facilitates performance scalability.
☐ ☐ The interface between layers often outlives the technology used in each layer.
☐ ☐ If a node is multi-homed, it must be configured as a router
☐ ☐ Heterogeneity and scale is the reason why routers are required for internetworking.
☐ ☐ A layer-2 switch connects two broadcast domains.
☐ ☐ ARP and RARP run over IP
☐ ☐ The protocol field in the PPP header is used for demultiplexing

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☐ ☐ The CRC field in Ethernet is found in the trailer because	
there was no space in the header.	
☐ ☐ Meta-data about voice samples in tele inferred from timing.	ephony is in a large part
☐ ☐ Statistical multiplexing is most useful close to the average rate	when the peak rate is
☐ ☐ The heterogeneity issue is addressed is common packet format, a common address them to lower layers using fragmentation address resolution techniques.	ess space, and mapping
☐ ☐ Performance scalability is achieved in routers by providing better filtering (cutting out the fall-back on broadcast) and higher-level forwarding	
☐ ☐ Telephony and ATM networks can assemble length addresses because their performance.	
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Informal Quiz 1: Solutions
True or False?
T F
$\Box$ $\lor$ The structure of MAC addresses facilitates performance scalability.
$\sqrt{\ }$ The interface between layers often outlives the technology used in each layer.
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$\sqrt{\ }$ Heterogeneity and scale is the reason why routers are required for internetworking.
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√ ☐ Meta-data about voice samples in teleping inferred from timing.	hony is in a large part
□ √ Statistical multiplexing is most useful v close to the average rate	when the peak rate is
√ ☐ The heterogeneity issue is addressed in common packet format, a common address them to lower layers using fragmentation address resolution techniques.	ess space, and mapping
√ □ Performance scalability is achieved in routers by providing better filtering (cutting out the fall-back on broadcast) and higher-level forwarding	
√ □ Telephony and ATM networks can afford to have variable length addresses because their performance cost is amortized	
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