

Informal Quiz 5

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- A packet addressed to 225.13.40.3 will not leave the site (or administrative domain)
- SNMP is designed to fetch any subtree in a MIB in a single transaction
- The “SEQUENCE OF” constructor in ASN.1 syntax is used to define the equivalent of a “struct” in the C language.
- SNMP is only the message exchange protocol for network management.
- BOOTP extends RARP functionality and makes it independent of the link layer technology.
- The key difference between BOOTP and DHCP is that the latter can lease out addresses dynamically and for short periods

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Informal Quiz 5 (contd)

- Application-layer relays provide multicast-like efficiencies in packet transmission, but incur management overhead
- A unidirectional shared tree reaching all destinations in a group is sufficient to support IP multicasting to that group.
- An IP multicast routing tree is built and maintained using the combination of IGMP (at the leaves) and a routing protocol
- The MBONE is suitable for multiway, highly interactive videoconferences
- Scalability in multicast routing is typically achieved by using shared trees and not requiring off-tree state.
- Changing IP (to IPv6) requires change to both the lower (link) and higher (transport) layers.

Informal Quiz 5 (solns)

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