



300-320^{Q&As}

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QUESTION 1

Which statement about Fibre Channel communications is correct?

- A. N_Port to N_Port connections use logical node connection points.
- B. Flow control is only provided by QoS.
- C. It must be implemented in an arbitrated loop.
- D. Communication methods are similar to those of an Ethernet bus.

Correct Answer: A

Fibre Channel supports a logical node connection point between node ports (N_ports). This is similar to TCP and UDP sockets.

QUESTION 2

What 2 statements are correct when it comes to PIM-BIDIR.

- A. Used in many-to-many multicast implementations
- B. The IP-address from any interface in a router can be used as RP-address
- C. The RP address dont have to be an IP in the router
- D. Explicit join-messages are used to signal grp membership in PIM-BIDIR

Correct Answer: AB

QUESTION 3

Which of the following is a result when designing multiple EIGRP autonomous systems within the Enterprise Campus network?

- A. Improves scalability by dividing the network using summary routes at AS boundaries
- B. Decreases complexity since EIGRP redistribution is automatically handled in the background
- C. Reduces the volume of EIGRP queries by limiting them to one EIGRP AS
- D. Scaling is improved when a unique AS is run at the Access, Distribution, and Core layers of the network

Correct Answer: A

"Organizations with very large networks may use multiple EIGRP autonomous systems as a way to divide their networks: Generally, this type of design approach uses summary routes at autonomous system boundaries to contain summary address blocks of prefixes in very large networks and to address the EIGRP query propagation issue."



QUESTION 4

You need to use source specific multicast, which addressing should you use ?

- A. 224.0.0.0/8
- B. 232.0.0.0/8
- C. 248.0.0.0/8
- D. 254.0.0.0/8
- E. 242.0.0.0/8

Correct Answer: B

QUESTION 5

Which action can be taken on a multiaccess segment with OSPF speakers to reduce the performance impact during widespread convergence events?

- A. Separate the network into multiple areas for each new multiaccess segment.
- B. Enable LSA throttling in the core to slow link state advertisement updates during times of network instability.
- C. Ensure that the elected DR or BDR router can support high-volume convergence events.
- D. Verify that fewer than 50 OSPF speakers are on the segment.

Correct Answer: B

"It is worth noting that three most important timers to tune network for sub-second convergence are the failure detection delay, initial LSA generation delay and initial SPF delay. All other timers, such as hold and maximum time serve the purpose of stabilizing network, and affect convergence in "worst-case" unstable network scenarios." More info on LSA throttling: https://www.cisco.com/c/en/us/td/docs/ios/12_0s/feature/guide/fsolsath.html "Benefits of OSPF LSA Throttling Prior to the OSPF LSA Throttling feature, LSA generation was rate-limited for 5 seconds. That meant that changes in an LSA could not be propagated in milliseconds, so the OSPF network could not achieve millisecond convergence. The OSPF LSA Throttling feature is enabled by default and allows faster OSPF convergence (in milliseconds). This feature can be customized. One command controls the generation (sending) of LSAs and another command controls the receiving interval. This feature also provides a dynamic mechanism to slow down the frequency of LSA updates in OSPF during times of network instability."



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