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QUESTION 1

Company XYZ Is running a redundant private WAN network using OSPF as the underlay protocol The current design accommodates for redundancy In the network, but it Is taking over 30 seconds for the network to reconverge upon failure.

Which technique can be Implemented In the design to detect such a failure in a subsecond?

- A. STP
- B. fate sharing
- C. OSPF LFA
- D. BFD
- E. flex links

Correct Answer: D

QUESTION 2

Which two mechanisms avoid suboptimal routing in a network with dynamic mutual redistribution between multiple OSPFv2 and EIGRP boundaries? (Choose two.)

- A. AD manipulation
- B. matching OSPF external routes
- C. route tagging
- D. route tagging
- E. route filtering
- F. matching EIGRP process ID

Correct Answer: AD

To solve this type of problem, the redistributing routers must have some awareness of which routes came from the other routing domain. In particular, the lower-AD routing protocol needs to decide which routes came from the higher-AD routing protocol, and either use a different AD for those routes or filter the routes.

<https://www.ccexpert.us/routing-switching-2/mutual-redistribution-at-multiple-routers.html>

QUESTION 3

Which two features control multicast traffic in a VLAN environment? (Choose two)

- A. IGMP snooping

B. MLD snooping

C. RGMP

D. PIM snooping

E. pruning

Correct Answer: AB

QUESTION 4

An existing wireless network was designed to support data traffic only. You must now install context Aware services for location tracking changes must be applied to the existing wireless network to increase the location accuracy? (Chose two)

A. Add access points along the perimeter of the coverage area.

B. Increase the access point density to create an average inter-access point distance of less than 40 feet or 12.2 meters

C. Use directional antennas to provide more cell overlapping

D. Install additional access points in monitor mode where the co-channel interference would otherwise be affected

E. Fine tune the radio configuration of the access point to have a higher average transmission power to achieve better coverage

Correct Answer: BE

QUESTION 5

While reviewing an existing network design, you are discussing the characteristics of different STP versions. Which protocol minimizes unicast flooding during a Topology Change Notification in a Layer 2 switched network with many VLANs?

A. PVRSTP

B. MST

C. STP

D. PVSTP+

Correct Answer: A
