



300-420^{Q&As}

Designing Cisco Enterprise Networks (ENSLD)

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**QUESTION 1**

Which feature is required for graceful restart to recover from a processor failure?

- A. Cisco Express Forwarding
- B. Virtual Switch System
- C. Stateful Switchover
- D. Bidirectional Forwarding Detection

Correct Answer: C

https://archive.nanog.org/meetings/nanog42/presentations/Weissner_SSO.pdf

The Stateful Switchover (SSO) feature works with Nonstop Forwarding (NSF) in Cisco software to minimize the amount of time a network is unavailable to its users following a switchover. The primary objective of SSO is to improve the availability of networks constructed with Cisco routers.

QUESTION 2

A company must automate a set of complex changes aligned with DR testing in the network. These changes are specific, and the DR playbook will be adjusted in the future. The playbook has diverse routing and switching assets in scope as well as multiple vendor and hardware platforms. A developer will create a thin, web front-end microservice and integrate with an Open daylight controller to push changes to the network. Which YANG model should be used?

- A. Use a single native vendor YANG model to minimize development time
- B. Use an open YANG model to allow the reuse of code and standardize the implementation across platforms
- C. Use multiple native vendor YANG models to provide code consistency.
- D. Develop an individualized YANG model to minimize development resources and time to market.

Correct Answer: B

QUESTION 3

How does a model-driven telemetry dial-out approach function?

- A. The device initiates a session to the collector based on the subscription.
- B. The collector initiates a session to the device and subscribes to data to be streamed.
- C. The collector Initiates a session to the device and gets the data of a previously defined subscription.
- D. The device initiates a session to the collector and negotiates a subscription.

Correct Answer: D



QUESTION 4

How is sub-second failure of a transport link detected in a Cisco SD-WAN network?

- A. Hellos are sent between the WAN Edge routers and the vSmart controller.
- B. BFD runs on the IPsec tunnels between WAN Edge routers.
- C. BGP is used between WAN Edge routers and the vSmart controller.
- D. Link state change messages are sent between vSmart controllers.

Correct Answer: B

QUESTION 5

An engineer is designing a QoS solution for a campus. The design must guarantee real-time traffic delivery during congestion, minimize the bandwidth consumption for possible virus or worm attacks, and reduce flooding of excessive traffic during times of congestion. Which two solutions must the engineer select? (Choose two.)

- A. Create a policing policy to drop excessive traffic and a strict queue for real-time traffic
- B. Apply queuing on the distribution to core links
- C. Create a scavenger queue for excessive traffic and a strict queue for real-time traffic
- D. Apply queuing on the access to distribution links
- E. Create a shaping policy to drop excessive traffic and a strict queue for real-time traffic

Correct Answer: CD

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