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# 642-997

Implementing Cisco Data Center Unified Fabric  
(DCUFI)

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**QUESTION NO: 1**

Which statement about Cisco FabricPath is true?

- A. It is the best solution for interconnecting multiple data centers.
- B. It optimizes STP throughout the Layer 2 network.
- C. It is a simplified extension of Layer 3 networks across a single data center.
- D. The Cisco FabricPath domain appears as a single STP bridge, where each edge port uses the same MAC address.

**Answer: D**

**Explanation:**

**QUESTION NO: 2**

Which statement about scalability in Cisco OTV is true?

- A. The control plane avoids flooding by exchanging MAC reachability.
- B. IP-based functionality provides Layer 3 extension over any transport.
- C. Any encapsulation overhead is avoided by using IS-IS.
- D. Unknown unicasts are handled by the authoritative edge device.

**Answer: A**

**Explanation:**

**QUESTION NO: 3**

Which two statements about Cisco Nexus 7000 line cards are true? (Choose two.)

- A. M1, M2, and F1 cards are allowed in the same VDC.
- B. M line cards are service-oriented and likely face the access layer and provide Layer 2 connectivity.
- C. F line cards are performance-oriented and likely connect northbound to the core layer for Layer 3 connectivity.
- D. M line cards support Layer 2, Layer 3, and Layer 4 with large forwarding tables and a rich feature set.
- E. The F2 line card must reside in the admin VDC.

**Answer: A,D**

**Explanation:**

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**QUESTION NO: 4**

Which statement about the Layer 3 card on the Cisco Nexus 5500 Series Switch is true?

- A. BGP support is not provided, but RIP, EIGRP, and OSPF support is provided.
- B. Up to two 4-port cards are supported with up to 160 Gb/s of Layer 3 forwarding capability.
- C. Up to 16 FEX connections are supported.
- D. Port channels cannot be configured as Layer 3 interfaces.

**Answer: C**

**Explanation:**

**QUESTION NO: 5**

Which statement explains why a Cisco UCS 6200 Fabric Interconnect that is configured in end-host mode is beneficial to the unified fabric network?

- A. There is support for multiple (power of 2) uplinks.
- B. Upstream Layer 2 disjoint networks will remain separated.
- C. The 6200 can connect directly via vPC to a Layer 3 aggregation device.
- D. STP is not required on the uplink ports from the 6200.

**Answer: D**

**Explanation:**

**QUESTION NO: 6**

Which option is a restriction of the unified ports on the Cisco UCS 6200 Series Fabric Interconnect when connecting to the unified fabric network?

- A. Direct FC connections are not supported to Cisco MDS switches
- B. The FCoE or Fibre Channel port allocations must be contiguous on the 6200.
- C. 10-G Fibre Channel ports only use SFP+ interfaces.
- D. vPC is not supported on the Ethernet ports.

**Answer: B**

**Explanation:**

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**QUESTION NO: 7**

Which statement about the implementation of Cisco TrustSec on Cisco Nexus 7000 Series Switches is true?

- A.** While SGACL enforcement and SGT propagation are supported on the M and F modules, 802.1AE (MACsec) support is available only on the M module.
- B.** SGT Exchange Protocol is required to propagate the SGTs across F modules that lack hardware support for Cisco TrustSec.
- C.** AAA authentication and authorization is supported using TACACS or RADIUS to a Cisco Secure Access Control Server.
- D.** Both Cisco TrustSec and 802.1X can be configured on an F or M module interface.

**Answer: A**

**Explanation:**

**QUESTION NO: 8**

Which statement about implementation of Cisco TrustSec on Cisco Nexus 5546 or 5548 switches are true?

- A.** Cisco TrustSec support varies depending on Cisco Nexus 5500 Series Switch model.
- B.** The hardware is not able to support MACsec switch-port-level encryption based on IEEE 802.1AE.
- C.** The maximum number of RBACL TCAM user configurable entries is 128k.
- D.** The SGT Exchange Protocol must use the management (mgmt 0) interface.

**Answer: B**

**Explanation:**

**QUESTION NO: 9**

Which two security features are only supported on the Cisco Nexus 7000 Series Switches? (Choose two.)

- A.** IP source guard
- B.** traffic storm control