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QUESTION 1

Which four statements about reserved VLANs in Cisco NX-OS are true? (Choose four.)

- A. The range of reserved VLANs cannot be changed.
- B. The number of reserved VLANs is 96.
- C. A change to the range of reserved VLANs can be performed only in the VDC default.
- D. A write-erase procedure restores the default reserved VLAN range.
- E. The number of reserved VLANs is 128.
- F. A reload is needed for changes to take place.
- G. The configuration must be saved for changes to take place.

Correct Answer: CEFG

QUESTION 2

Which command enables NPIV on Cisco Nexus 5000 Series Switches and Cisco MDS switches?

- A. switch(config)# npiv enable
- B. switch(config)# npivon
- C. switch(config)# feature npiv
- D. switch(config)# npiv proxy
- E. switch(config)# np proxy-enable

Correct Answer: C

This command enables NPIV for all VSANs on the switch.

Reference: http://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/nx-os/san_switching/configuration/guide/b_Cisco_Nexus_7000_NX-OS_SAN_Switching_Configuration_Guide/Cisco_Nexus_7000_NXOS_SAN_Switching_Configuration_Guide_chapter2.html

QUESTION 3

When creating a VDC on a Cisco Nexus 7000 switch, which command in the VDC designates that only 10 port channels can be created in that VDC?

- A. allocate resource port-channel 10
- B. limit-resource port-channel minimum 0 maximum 10



- C. allow-resource port-channel maximum 10
- D. port-channel maximum 10

Correct Answer: B

QUESTION 4

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.

Correct Answer: AD

Cisco is introducing a new line card called as F3 Module which has rich feature set and offers high performance 40G/100G port density to the Nexus 7000 product family. Cisco also introduced a new feature in NX-OS 6.2(2) where the F2e line card can be in the same VDC as M1 or M2 Line Card. The objective of this session is to cover detailed steps and methodology of migrating Nexus 7000 with VDC types prior to NX-OS 6.2 to the newer F3 or M/F2e VDC types. The session also covers the effect of VDC migration with commonly used Network features, firewall and load balancer services. M-Series XL modules support larger forwarding tables. M-Series modules are frequently required at network core, peering, and aggregation points. When used with the F1-Series, the M-Series modules provide inter-VLAN services and form a pool of Layer 3 resources for the system.

Reference: https://www.ciscolive2014.com/connect/sessionDetail.ww?SESSION_ID=2244

And http://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Data_Center/VMDC/2-6/vmdctechwp.html

QUESTION 5

Which two statements about SAN zoning on Cisco Nexus switches are true? (Choose two.)

- A. Zoning is enforced by examining the destination ID field.
- B. Devices can only belong to one zone.
- C. Only one zone set can be activated at any time.
- D. A zone can only be a member one zone set.
- E. Zoning must be administered from the primary SAN switch in the fabric.
- F. Zone configuration changes are nondisruptive.

Correct Answer: CF



A zone set can be activated or deactivated as a single entity across all switches in the fabric. Only one zone set can be activated at any time. If zoning is not activated, all devices are members of the default zone. If zoning is activated, any device that is not in an active zone (a zone that is part of an active zone set) is a member of the default zone. Zoning can be administered from any switch in the fabric. When you activate a zone (from any switch), all switches in the fabric receive the active zone set. Additionally, full zone sets are distributed to all switches in the fabric, if this feature is enabled in the source switch. Reference: http://www.cisco.com/en/US/docs/storage/san_switches/mds9000/sw/san-os/quick/guide/qcg_zones.html

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