



Vendor: Cisco

Exam Code: 640-916

Exam Name: Introducing Cisco Data Center Technologies
(DCICT)

Version: DEMO

QUESTION 1

A user is trying to create a new VDC in NX-OS in global configurations mode, but receives an error message. What issue prevents the user from creating Virtual Device Contexts?

- A. The user is not granted Super User role permissions.
- B. VDCs cannot be created in NX-OS.
- C. The user is not a member of VDC Power Admin group.
- D. VDCs are not created under interface configurations mode.

Answer: A

QUESTION 2

Which Cisco Nexus 1000V component provides the platform on which Cisco NX-OS runs and interacts with other components that make up the Cisco Nexus 1000V?

- A. Virtual Supervisor Module
- B. Virtual Ethernet Module
- C. Virtual Service Blade
- D. Virtual Security Gateway

Answer: A

QUESTION 3

What native Fibre Channel technology facilitates connecting multiple Fibre Channel devices behind a single FC address?

- A. N-Port Virtualization
- B. N-Port Identification Virtualization
- C. Fibre Channel Arbitrary Loop
- D. Fiber Channel over Ethernet

Answer: C

QUESTION 4

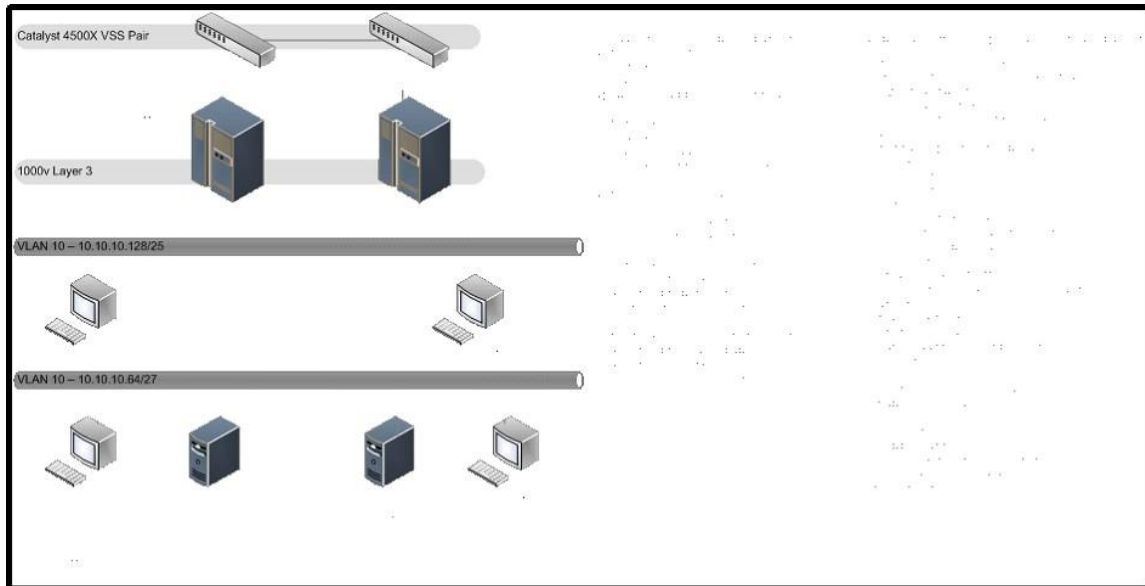
Which requirement is unique to service profile templates?

- A. VLAN
- B. VSAN
- C. pooled identities
- D. vNIC
- E. vHBA

Answer: C

QUESTION 5

Refer to the exhibit. An engineer is presented with a VMWare ESX cluster consisting of two VMWare ESX hosts running Nexus 1000v. The guest system inventory consists of 100 static virtual desktops. What change will permit all 100 guests to be online at the same time?



- A. increase the global max-ports setting in the Nexus 1000v
- B. increase the max-ports setting for the VLAN 10
- C. increase the max-ports setting for both VLAN 10 and 20
- D. increase the subnet size for VLAN 10 on the 4500x core
- E. remove the port channel configuration from the 1000v host uplink port-profile

Answer: B

QUESTION 6

A network design engineer is asked to design a SAN for a company. Which three underlying principles of SAN design should be considered? (Choose three.)

- A. scalability of LAN infrastructure; reduced Ethernet QoS complexity
- B. port density and topology requirements; number of ports required now and in the future
- C. device performance and oversubscription ratios; determination of what is acceptable and what is unavoidable
- D. fault isolation; consolidation while maintaining isolation
- E. security management; preferential network security
- F. future growth in WAN infrastructure

Answer: BCD

QUESTION 7

What data center networking technology is used to converge storage and IP networks within a data center?

- A. ATA
- B. FCIP
- C. iSCSI
- D. FCoE

Answer: D

QUESTION 8

Refer to the exhibit. Which two settings have been configured in this vPC environment? (Choose two.)

```
Nexus-5596UP-01# show running-config vpc

!Command: show running-config vpc
!Time: Mon Apr 13 15:00:53 2015

version 7.1(0)N1(1a)
feature vpc

vpc domain 30
  role priority 15000
  system-priority 30000
  peer-keepalive destination 10.22.22.21 source 10.22.22.20
  delay restore 40
  auto-recovery reload-delay 250
  ip arp synchronize
```

- A. The vPC peer keepalive uses management VRF.
- B. The role priority uses a lower number than its default value.
- C. The vPC peer keepalive uses a non-VRF path.
- D. The ip arp synchronize command is automatically configured when a vPC domain is created.
- E. The system priority uses its default value.

Answer: AB

QUESTION 9

A SAN administrator recently added a new zone to the VSAN 2 zoneset named zoneset2, but the server is still unable to access the shared storage. What configuration will resolve this issue?

- A. zoneset activate zoneset2
- B. copy running-config startup-config
- C. zone default-zone permit vsan 2
- D. zone copy active-zoneset full-zoneset

Answer: A

QUESTION 10

What is the benefit of virtual contexts in ACE for server load balancing?

- A. acts as several virtual appliances within a physical appliance
- B. compresses the data communication on ACE platforms
- C. integrates ACE gear with ASA firewalls for extra security

D. facilitates data communication encryption

Answer: A

QUESTION 11

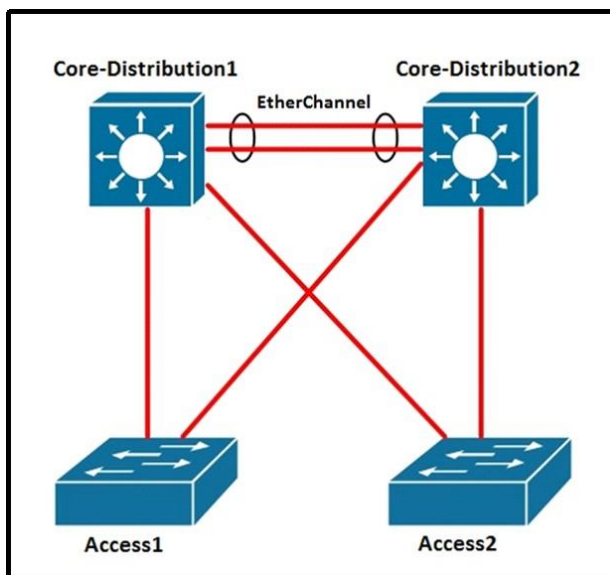
An engineer wants to restore a Cisco Nexus 1000v switch to factory default settings. Which two commands accomplish this action? (Choose two.)

- A. write erase boot
- B. reload
- C. reboot
- D. copy running-config startup-config
- E. copy startup-config running-config
- F. write erase running-config

Answer: AB

QUESTION 12

Refer to the exhibit. A network engineer proposes to consolidate core and distribution layers into one layer. Which design approach is the engineer suggesting?



- A. small enterprise design profile
- B. collapsed core design
- C. 2-tier network design
- D. 3-tier network design

Answer: B

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