



Cisco

Exam 500-170

FlexPod Design

Version: 6.0

[Total Questions: 50]

Topic break down

Topic	No. of Questions
Topic 1: Compute	11
Topic 2: Networking	9
Topic 3: Storage	8
Topic 4: Virtualization	14
Topic 5: Management and Orchestration Tools	8

Topic 1, Compute

Question No : 1 - (Topic 1)

Which traffic through a UCS 6200 cluster can be in Active-Standby mode?

- A. Data traffic only
- B. FHRP
- C. Data and management traffic
- D. Management traffic only

Answer: D

Question No : 2 - (Topic 1)

Which connectivity mode for Cisco UCS C-Series Rack-Mount Server management is supported beginning with Cisco UCS Manager release version 2.1 and above?

- A. Dual-wire Management
- B. Single-wire Management
- C. Quad-wire Management
- D. Side Frame management

Answer: B

Question No : 3 - (Topic 1)

Which four VLANs can be configured on UCS platform? (Choose four)

- A. 1
- B. 199
- C. 1001
- D. 3968
- E. 4001
- F. 4047
- G. 4090
- H. 4096

Answer: A,B,C,G

Question No : 4 - (Topic 1)

Which of the following is an example of a Cisco UCS high availability component?

- A. Clustered fabric interconnects
- B. vMotion
- C. Live migration
- D. Cluster shared volumes

Answer: A

Question No : 5 - (Topic 1)

Which of the following is a component of stateless computing with Cisco UCS?

- A. Utilization of identity information burned into the hardware
- B. Operating System boot from server local disk
- C. Utilization of service profiles to apply SAN connectivity attributes
- D. Treating each server as a traditional rack mount server

Answer: C

Question No : 6 - (Topic 1)

For FI 6248 with a GEM module, what is the possible assignment of ports for native Fibre Channel and Ethernet?

- A. Eth ports: 1-21, 33-48, Fibre Channel ports. 22-32
- B. Eth ports: 1-18, 33-40, Fibre Channel ports. 19-32, 41-48
- C. Eth ports: 1-21, Fibre Channel ports. 22-48
- D. Eth ports: 1-16, 41-48, Fibre Channel ports. 17-40

Answer: B

Question No : 7 - (Topic 1)

Which feature is supported for virtual machines configured with Direct Path I/O using Cisco Virtual Machine Fabric Extender (VM-FEX) distributed switches?

- A. vMotion
- B. Record and Play
- C. Fault tolerance
- D. Unlimited DVS creation per Cisco UCS domain

Answer: A

Question No : 8 - (Topic 1)

What is the maximum aggregate traffic available to a half-width UCS B-Series blade in a 5108 Chassis with two 2208XP Fabric Extenders, Cisco VIC 1240 adapter, and Cisco Port Expander Card for VIC 1240?

- A. 40 Gb
- B. 80 Gb
- C. 120 Gb
- D. 320 Gb

Answer: B

Question No : 9 - (Topic 1)

Refer to the exhibit.

Name	Order	vNIC/vHBA/iSCSI vNIC	Type	Lun ID	WWN
CD-ROM	1				
Storage	2				
SAN primary		vHBA_A	Primary		
SAN Target primary	1	2	Primary	0	50:06:01:60:33:A0:78:01
SAN Target secondary			Secondary	0	50:06:01:68:33:A0:78:01
SAN secondary		vHBA_B	Secondary		
SAN Target primary	3		Primary	0	50:06:01:69:33:A0:78:01
SAN Target secondary		4	Secondary	0	50:06:01:61:33:A0:78:01

The numerals in the red rectangle, what will be this servers Boot from SAN order?

- A. 1, 2, 3, 4
- B. 1, 3, 2, 4
- C. Not enough information
- D. 3, 4, 1, 2

Answer: C

Question No : 10 - (Topic 1)

Which four are components of Cisco UCS stateless computing? (Choose four)

- A. Utilization of service profiles to apply parameter settings from server hardware
- B. Elements of a server's personality, which may be included in a service profile, include firmware versions, UUID, MAC Addresses, World Wide Names, and boot settings.
- C. A one to one mapping of an application to a server
- D. Boot from SAN
- E. Every physical server in a Cisco UCS instance should remain anonymous until you associate a service profile with it
- F. A one to one mapping to the identity information burned into the hardware (mac addresses, etc).

Answer: A,B,D,E

Question No : 11 - (Topic 1)

Which is true about UCS High Availability?

- A. Support for 3 Fabric Interconnects
- B. Dual homing IOM to Fabric Interconnects
- C. Port Channeling within UCS system requires Fabric Interconnects and IOMs to be at least second generation.
- D. UCSM supports vPC configuration

Answer: C

Topic 2, Networking

Question No : 12 - (Topic 2)

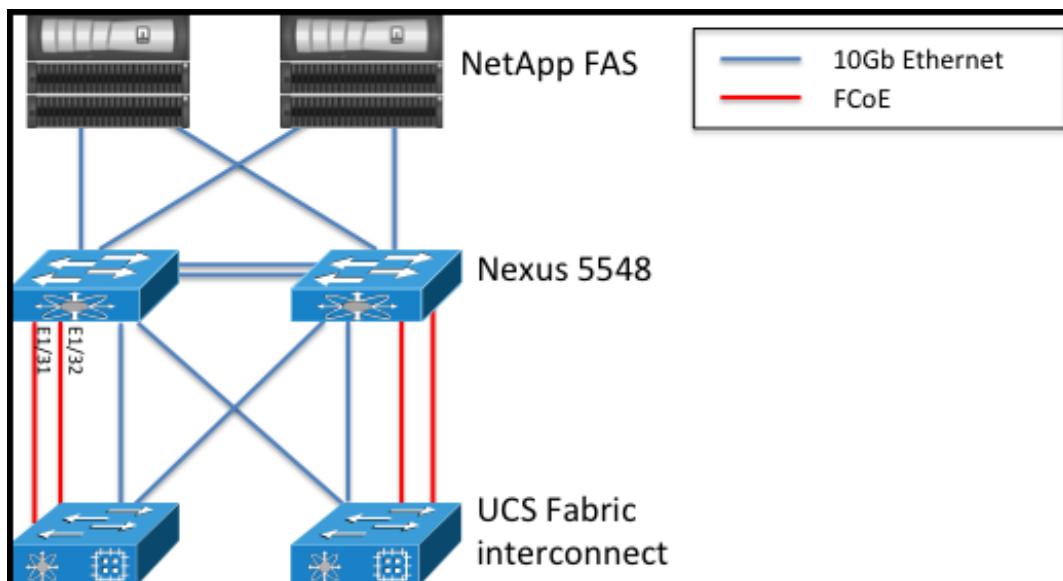
Which item is an example of Role-Based Access Control and multi-tenancy support that can be applied to a UCS environment using the Cisco UCS Manager?

- A. Create roles for Data ONTAP Vserver administrators
- B. Create a storage administrator role with control over tasks related to the SAN
- C. Create interface groups on NetApp storage
- D. Apply NFS read/write access to a network share

Answer: B

Question No : 13 - (Topic 2)

Refer to the exhibit.



What would be the correct configuration for the ports labeled?

- A. `vlan 35fcoe vsan 35int eth1/31channel-group 15 mode activeint eth 1/32channel-group 15 mode activeint portchannel15switchport mode trunkswitchport trunk allowed vlan 35spanning-tree port type edge trunkint vfc15bind interface po15switchport trunk allowed vsan 35vsan databasevsan 35 interface vfc15`
- B. `vlan 35fcoe vsan 45int eth1/31-32channel-group 15 mode activeint po15switchport access vlan 35int vfc15bind interface po15switchport trunk allowed vsan 45vsan databasevsan 45 interface vfc15`
- C. `int eth1/31channel-group 15 mode activeint eth 1/32channel-group 15 mode activeint`

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