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Exam Code: 200-150

Exam Name: Introducing Cisco Data Center Networking

Certification Provider: Cisco

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Exam A**QUESTION 1**

Which three layers of the OSI model are included in the application layer of the TCP/IP model?
(Choose three.)

- A. 2
- B. 6
- C. 3
- D. 7
- E. 4
- F. 5

Correct Answer: BDF

Section: (none)

Explanation

Explanation/Reference:

**QUESTION 2**

A customer wants to connect to their SAN via Fibre Channel. Which two devices can be used to provide connectivity? (Choose two.)

- A. Cisco Nexus 5548UP Switch
- B. Cisco MDS 9148 Multilayer Fabric Switch
- C. Cisco Nexus 2248TP GE Fabric Extender
- D. Cisco Catalyst 6509 Switch
- E. Cisco Nexus 7010 Switch

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

Which two statements about configuring VLANs on the Cisco Nexus 7000 platform are true? (Choose two.)

- A. Software updates are disruptive to VLANs.

- B. VLANs with the same number are unique to their VDC.
- C. VLAN licensing is required for use.
- D. To change VLAN information, the administrator must be at the switch (config) # prompt.
- E. The command copy running-config startup-config will save changes to the VLAN database.

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

What two actions can be taken to enable inter-VLAN communications in the data center?
(Choose two.)

- A. extend Layer 2 services to a Layer 3 capable VLAN using Layer 3 tunneling.
- B. use a routing protocol to direct packets into the Layer 2 network
- C. connect Layer 2 VLANs together with 802.1Q trunks
- D. deploy a router as a Layer 3 services gateway attached inside each Layer 2 VLAN
- E. install a Layer 3 capable switch in the data center.

Correct Answer: DE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

An engineer created three VSANs on the Cisco MDS switch. VSAN 100 is allocated to the marketing department, VSAN 110 is allocated to the research department, and VSAN 120 is allocated to the business department. The engineer wants to verify that the interfaces for the research department are allocated accordingly. Which command should the engineer use?

- A. mdsswitch# show vsan 110
- B. mdsswitch# show vsan membership
- C. mdsswitch# show vsan
- D. mdsswitch# show vsan usage

Correct Answer: B

Section: (none)
Explanation

Explanation/Reference:

QUESTION 6

Which two statements are true regarding disruptive load balancing and regarding the configuration in this example? (Choose two).

- A. In this scenario disruptive load balancing is disabled.
- B. In this scenario disruptive load balancing is enabled.
- C. Since FCID: 0x1 c0000 is reserved, disruptive load balancing is not configured correctly.
- D. When disruptive load balancing is enabled, NPV redistributes the server interfaces across all available NP uplinks when a new NP uplink becomes operational. To move a server interface from one NP uplink to another NP uplink, NPV forces re-initialization of the server interface so that the server performs a new login to the core switch.

Correct Answer: CD

Section: (none)
Explanation

Explanation/Reference:



QUESTION 7

When command set will create an access control list on a Cisco Nexus switch to permit only unencrypted Web traffic from any source to destination host 10.10.1.110?

- A. N5K-A(config)#access-list 101 permit tcp any host 10.10.1.110 eq 80
- B. N5K-A(config)# ip access-list 101
N5K-A(config-acl)# permit tcp any host 10.10.1.110 eq 80
N5K-A(config-acl)# permit ip any any
- C. N5K-A(config)#ip access-list 101
N5K-A(config-acl)# permit tcp any host 10.10.110 eq 80
- D. N5K-A(config)#ip access-list 101 permit tcp any host 10.10.1.100 eq 80 N5K-A(config)#ip access-list 101 deny ip any any

Correct Answer: B

Section: (none)
Explanation

Explanation/Reference:

QUESTION 8

Which type of media uses electromagnetic waves that are generated by lasers, is often used in campus backbones, and is capable of transmitting to a distance of 60 kilometers?

- A. shielded twisted-pair cable
- B. coaxial cable
- C. multimode fiber-optic cable
- D. single-mode fiber-optic cable

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

Which two terms can take the place of the wildcard mask in an ACL?

- A. eq
- B. deny
- C. host
- D. all
- E. any



Correct Answer: CE

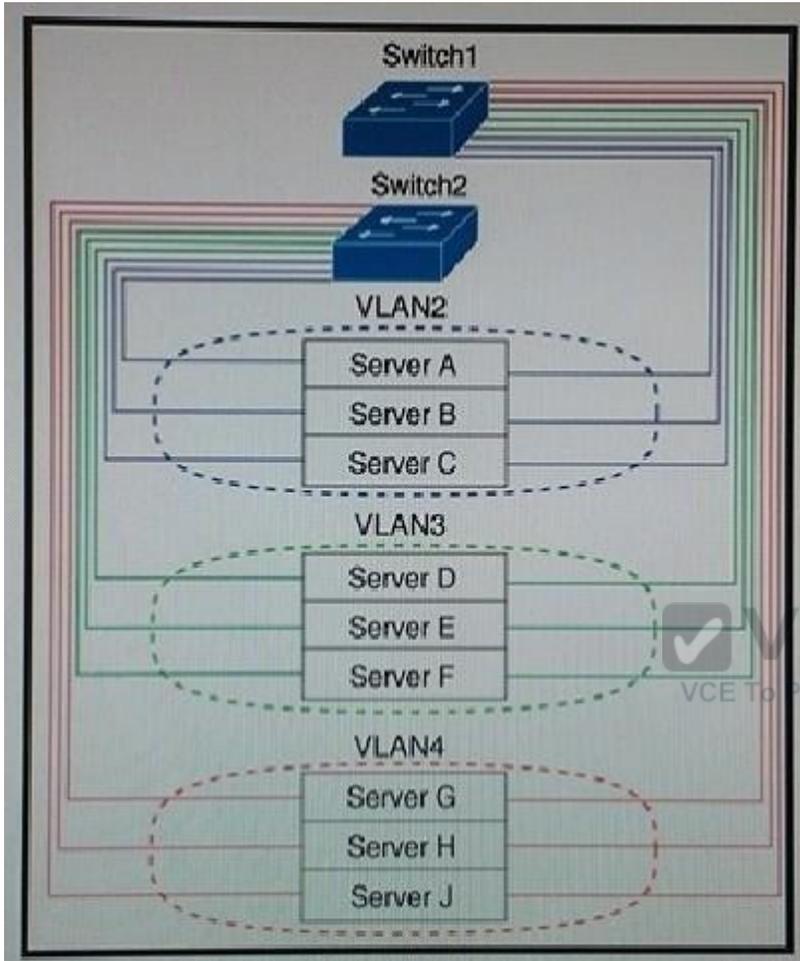
Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

Refer to the exhibit. Two Layer 2 Cisco Nexus switches are connected to application servers in a data center. Server A cannot communicate with servers that are in VLANs 3 and 4, but it can communicate with server B and C. What is the cause of the problem?



- A. inter VLANs routing is not enabled on both switches
- B. Switch 1 and switch 2 are not physically connected via an access link.
- C. A router must be connected to both switches and provide inter VLAN routing.
- D. Switch 1 and switch 2 not physically connected via a trunk link.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:**QUESTION 11**

Which option describes what a switch does after it items that a host has connected to a switch port?

- A. Flood the frame only on all of its trunk ports.
- B. Create a MAC to port mapping entry in MAC table.
- C. Flood the frame only on all of its access ports.
- D. Discard the frame.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:**QUESTION 12**

A network design team has decided to use a standard protocol to consolidate the Ethernet and San data using the existing Nexus switches. Which I/O technology can satisfy this need?

- A. FCoE
- B. IEEE 802. 1AB
- C. SCS
- D. AToM

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:**QUESTION 13**

What are two physical components of the Cisco UCS B-Series server? (Choose two.)

- A. mezzanine slots
- B. power supplies (maximum of two)

- C. lockable front door
- D. redundant hot swappable fans
- E. CPU sockets

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

A network engineer wants to apply for new license key file.
Which command should be used to obtain the switch serial number?

- A. MDS-A# show license serial-number
- B. MDS- A# show running-config | include serial-number
- C. MDS- A# show host-id
- D. MDS- A# show license host-id

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:



QUESTION 15

Which two features must be licensed on a Cisco Nexus 7000 Switch? (Choose two)

- A. Virtual Port Channel
- B. Layer 3
- C. Virtual Device Contexts
- D. iSCSI
- E. Fibre Channel

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:**QUESTION 16**

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

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:**QUESTION 17**

An engineer implemented a new VSAN and examined the F-mode trunks connecting an upstream switch. The engineer noticed that the new VSAN is stuck in initializing. Which two options explain why this is happening? (Choose two.)

- A. A device has not attempted to log in the ne VSAN across the trunk.
- B. Only the primary VSAN lists as active while subordinate VSANs stay initializing.
- C. The trunk must be disabled an re-enabled to join the new VSAN.
- D. Only the secondary VSAN lists as active while primary VSANs stay initializing.
- E. The new VSAN has not been configured in the upstream switch.

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:**QUESTION 18**

Which two options are multicast addresses? (Choose two.)

- A. FD00::2

- B. 192.168.2.2
- C. FF05::2
- D. 226.10.10.10
- E. 240.1.0.1

Correct Answer: CE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19

Which two options are file-based storage protocols? (Choose two.)

- A. Telnet
- B. CIFS
- C. Fibre Channel
- D. NFS
- E. iSCSI

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20

A SAN administrator recently added a new zone to the VSAN 2 zone set named zone set2, but the server is still unable to access the shared storage. Which command will resolve this issue?

- A. zone copy active-zoneset ful-zoneset
- B. zoneset activate zoneset2
- C. zone default-zone permit vsan 2

Correct Answer: C
Section: (none)
Explanation