



Vendor: Cisco

Exam Code: 200-150

**Exam Name: Introducing Cisco Data Center Networking
(DCICN) v6.0**

QUESTION 1

Which four statements indicate unique properties of VLAN 1 on Cisco Nexus switches? (Choose four.)

- A. VLAN 1 is used to flood multicast traffic.
- B. VLAN 1 cannot be deleted.
- C. VLAN 1 is used for Cisco Discovery Protocol.
- D. VLAN 1 is used for VTP advertisements.
- E. VLAN 1 defines a collision domain.
- F. VLAN 1 defines a broadcast domain.

Correct Answer: BCDF

Explanation:

http://www.cisco.com/en/US/docs/switches/datacenter/sw/5_x/nx-os/layer2/configuration/guide/Cisco_Nexus_7000_Series_NX-S_Layer_2_Switching_Configuration_Guide_Release_5.x_chapter4.html

QUESTION 2

Which field in an Ethernet II frame performs the same function as the DSAP field in an 802.3 Ethernet frame?

- A. Start of frame
- B. EtherType
- C. Frame check sequence
- D. Subnetwork Access Protocol
- E. Logical Link Control

Correct Answer: B

QUESTION 3

Refer to the exhibit. What two conclusions can be made based upon the output? (Choose two.)

INTERFACE	VSAN	FCID	PORT NAME	NODE NAME
fc7/1	1	0xb200e2	21:00:00:04:cf:27:4b:2c	20:00:00:04:cf:27:4b:2c
fc7/1	1	0xb200e1	21:00:00:04:cf:4c:18:01	20:00:00:04:cf:4c:18:01
fc7/1	1	0xb200d1	21:00:00:04:cf:4c:18:64	20:00:00:04:cf:4c:18:64
fc7/1	1	0xb200ce	21:00:00:04:cf:4c:16:aa	20:00:00:04:cf:4c:16:aa
fc7/1	1	0xb200cd	21:00:00:04:cf:4c:18:ab	20:00:00:04:cf:4c:18:ab

- A. regular format WWNs are being used
- B. the command show flogi database was run
- C. the command show fcns database vsan 1 was run
- D. registered name format WWNs are being used
- E. extended format WWNs are being used.

Correct Answer: BE

QUESTION 4

Which address and subnet combination is valid for a host assignment?

- A. 172.23.175.210/15
- B. 10.100.74.127/25
- C. 192.168.73.223/29
- D. 10.230.33.15/28

Correct Answer: A

QUESTION 5

Which Cisco UCS power policy mode enables a configuration that can tolerate the loss of an input power circuit?

- A. nonredundant
- B. Grid
- C. N+1 in normal mode
- D. N+1 in high-density mode

Correct Answer: D

QUESTION 6

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

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

Correct Answer: ABD

QUESTION 7

Which three terms are used to describe data at Layers 1, 2, and 4 of the OSI model? (Choose three.)

- A. PDUs
- B. Bits
- C. Sequences
- D. Segments
- E. Packets
- F. Frames

Correct Answer: BDF

Explanation:

Bits - 1 layer

Frames - 2 layer

Segments - 4 layer

http://en.wikipedia.org/wiki/OSI_model

QUESTION 8

What are two attributes of a VLAN? (Choose two.)

- A. A VLAN defines a collision domain.
- B. A VLAN defines a broadcast domain.
- C. Broadcasts are flooded to all VLANs.
- D. Collisions are flooded to all VLANs.
- E. A Layer 3 device is required to route packets between VLANs.
- F. A Layer 2 device is required to route packets between VLANs.

Correct Answer: BE

Explanation:

"In computer networking, a single layer-2 network may be partitioned to create multiple distinct broadcast domains, which are mutually isolated so that packets can only pass between them via one or more routers; such a domain is referred to as a virtual local area network, virtual LAN or VLAN."

"A router (Layer 3 device) serves as the backbone for network traffic going across different VLANs."

http://en.wikipedia.org/wiki/Virtual_LAN

QUESTION 9

What is the minimum number of fabric modules that should be installed in the Cisco Nexus 7000 chassis for N 1 redundancy using M1-Series line card?

- A. 3
- B. 4
- C. 5
- D. 6

Correct Answer: A

QUESTION 10

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. SCSI
- D. ATOM

Correct Answer: A

QUESTION 11

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?