



Cisco

Exam Questions 200-150

DCICN Introducing Cisco Data Center Networking

NEW QUESTION 1

Which command displays the Trunking Native Mode VLAN on port Ethernet 1/18?

- A. show running-config switchport e1/18
- B. show running-config e1/18 switchport
- C. show interface e1/18
- D. show interface e1/18 switchport
- E. show interface e1/18 native

Answer: D

Explanation: NX# show interface e1/18 switchport Access Mode VLAN: 1 (default) Trunking Native Mode VLAN: 1 (default) Trunking VLANs Allowed: 1-4094
Voice VLAN: none

NEW QUESTION 2

A network design team has mandated that IP-only routing protocols be used in the network. Which two routing protocols will they want to use? (Choose two.)

- A. BGP
- B. OSPF
- C. RP
- D. EIGRP
- E. IS-IS

Answer: BD

Explanation: <https://en.wikipedia.org/wiki/IS-IS>

NEW QUESTION 3

What is the minimum number of disks that are needed in RAID 1?

- A. 4 disks
- B. 2 disks
- C. 8 disks
- D. 16 disks

Answer: B

NEW QUESTION 4

The kickstart image is corrupted on a Cisco Nexus 7000 switch. Which procedure is used to download a new kickstart image?

- A. Boot the system and press Ctrl-] while the memory test is in progress to interrupt the boot loader.
- B. Boot the system and press the Esc key while the memory test is in progress to interrupt the boot loader.
- C. Boot the system and press the Esc key after the BIOS memory test to interrupt the boot loader.
- D. Boot the system and press Ctrl-] after the BIOS memory test to interrupt the boot loader.

Answer: C

NEW QUESTION 5

What is the command sequence to force a Cisco Nexus 6000 switch to boot using the golden BIOS image?

- A. Press Ctrl-Shift-6 within 30 seconds of when power is supplied to the switch.
- B. Press Ctrl-] within 2 seconds of when power is supplied to the switch.
- C. Press Ctrl-] within 30 seconds of when power is supplied to the switch.
- D. Press Ctrl-Shift-6 within 2 seconds of when power is supplied to the switch.

Answer: D

NEW QUESTION 6

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.

Answer: AE

NEW QUESTION 7

Ethernet 1/1 is assigned IP address 10.1.1.1 with subnet mask 255.255.255.0. Which configuration is used to configure EIGRP on a Cisco Nexus 7000 switch?

- A. feature eigrp!interface Ethernet1/1ip address 10.1.1.1 255.255.255.0no shutdown!router eigrp 1network 10.1.1.0 0.0.0.255
- B. feature eigrp!router eigrp 1autonomous-system 1!interface Ethernet1/1ip address 10.1.1.1/24ip router eigrp 1no shutdown
- C. router eigrp 1autonomous-system 1!interface Ethernet1/1ip address 10.1.1.1/24ip router eigrp 1no shutdown
- D. feature eigrp!interface Ethernet1/1ip address 10.1.1.1/24no shutdown!router eigrp 1network 10.1.1.0 0.0.0.255

Answer: B

NEW QUESTION 8

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

Answer: B

Explanation: Grid Redundant (N+N) – below: The purpose of the grid redundant mode is to enable a configuration that can tolerate the loss of either a power supply or a input power circuit. In grid-redundant mode the system can withstand the loss of any two power supplies. The Figure 5 shows the required wiringScheme for Grid Redundant power where N=2.

NEW QUESTION 9

Which statement describes the purpose of the MAC address forwarding table of a switch?

- A. The switch consults the forwarding table to determine the best route to a destination.
- B. The switch consults the forwarding table to determine the output port.
- C. The switch consults the forwarding table to determine if the packet is routable.
- D. The switch consults the forwarding table to determine if access control permits the packet.

Answer: B

NEW QUESTION 10

What are three reasons that switches supersede bridges? (Choose three.)

- A. Smaller frame buffers decrease latency.
- B. Forward, filter, or flood frames.
- C. Multiple simultaneous communications between ports.
- D. Larger inspection engine allows for higher throughput.
- E. Switches have many ports.

Answer: BCE

Explanation: http://docwiki.cisco.com/wiki/Bridging_and_Switching_Basics

NEW QUESTION 10

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.

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

NEW QUESTION 13

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 operationa
- E. To move a server interface from one NP uplink to another NP uplin
- F. NPV forces re initialization of the server interface so that the server performs a new login to the core switch.

Answer: CD

NEW QUESTION 14

A customer requires two separate physical pathways between multiple initiators and multiple targets. Which technology meets this requirement on a single Cisco MDS9148 switch?

- A. zoning
- B. port security
- C. LUN masking
- D. VSANs

Answer: D

NEW QUESTION 17

Which two options are valid VTP commands? (Choose two)

- A. feature vtp
- B. vtp client mode
- C. vtp VLAN
- D. vtp version
- E. vtp static

Answer: AD

NEW QUESTION 22

A network engineer is changing the boot process of a router from its original state to one that boots from ROMMON. Which option in Cisco IOS should be changed?

- A. config register number
- B. RMON
- C. bootflash settings
- D. terminal history

Answer: A

NEW QUESTION 24

Which command should be used to determine which hosts are Fibre Channel targets?

- A. MDS-A# show host database
- B. MDS-A# show flogi database
- C. MDS-A# show fens database
- D. MDS-A# show host-id

Answer: B

NEW QUESTION 29

Which command can change the sequence of a router boot process?

- A. config-register
- B. configuration-register
- C. conf-register
- D. config-registration

Answer: A

NEW QUESTION 33

Which two are functions of the data center access layer? (Choose two)

- A. server connections
- B. VLAN creation
- C. packet filtering
- D. high data transfer rate
- E. high network fault tolerance

Answer: AB

NEW QUESTION 38

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

Answer: AB

NEW QUESTION 42

In an IEEE 802.3 Ethernet frame, what is the significance of the DSAP field?

- A. The DSAP field specifies the TCP or UDP port that is associated with the transport protocol.
- B. The DSAP field is only used on United States Department of Defense networks to indicate the information classification level.
- C. The DSAP field is only used in Ethernet II frames.
- D. The DSAP field indicates the network layer protocol.

Answer: D

NEW QUESTION 45

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

Answer: A

NEW QUESTION 47

At which layer of the OSI model does TCP operate?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

Answer: D

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

NEW QUESTION 49

Which process does a Cisco router perform immediately upon powering up?

- A. POST
- B. BIOS
- C. booting from NVRAM
- D. booting from ROM

Answer: A

NEW QUESTION 53

Which two hosts are part of subnet 172.16.160.0/20? (Choose two.)

- A. 172.16.168.0
- B. 172.16.176.1
- C. 172.16.160.255
- D. 172.16.160.0
- E. 172.16.176.255

Answer: AC

NEW QUESTION 55

```
switch(config-if)# sh int fc2/1
fc2/1 is down (Initializing)
Hardware is Fibre Channel, SFP is short wave laser w/o OFC (SN)
Port WWN is 20:42:00:0d:ec:a4:3b:80
Admin port mode is NP, trunk mode is on
```

Refer to the exhibit. NP uplink ports connected to the core NPIV switch do not come online and are stuck in an initializing state. Which options is a cause for this behavior?

- A. The upstream NP Ports and the downstream server F Ports on the NPV edge switch may not be in the same VSA.
- B. The core switch has not been enabled for NPIV.
- C. The upstream VSAN ports and the server ports are in full duplex mode.
- D. Related VSAN identifier is not allowed on Virtual Port Channels toward the edge switch.

Answer: B

NEW QUESTION 60

An administrator connected a new server to a Cisco MDS 9222i on Port FCL/20, but did not capture the world wide node name of the host bus adapter. Which command returns the needed information?

- A. show wwn status
- B. show Interface fc 1/20
- C. show flogi database
- D. show fcs database

Answer: C

NEW QUESTION 62

Instructions

- THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION.
- To access the multiple-choice questions, click on the numbered boxes on the left of the top panel.
- There are **four** multiple-choice questions with this task. Be sure to answer all four questions before selecting the Next button.

Scenario

Customer is configuring FCoE and NPV in their Data Center on Cisco Nexus 5000 Series Switches. Please go through the Topology and Exhibit 1 through 4 to answer the questions.

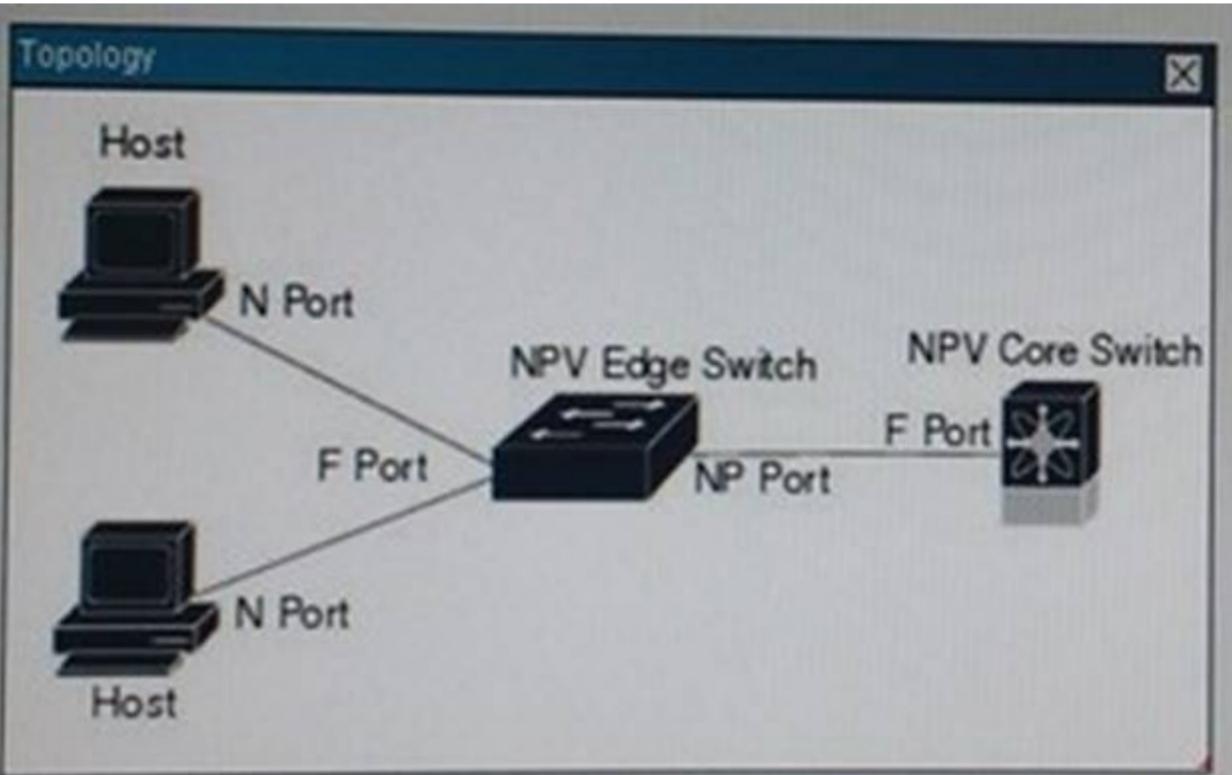


Exhibit 1

```
switch# configure terminal
switch(config)# npv enable
```

```

Exhibit 2
SWITCH# show npv flogi-table
-----
SERVER                                     EXTERNAL
INTERFACE VSAN FCID                       PORT NAME                               NODE NAME                               INTERFACE
-----
vfc3/1    1    0xee0008 10:00:00:00:c9:60:e4:9a 20:00:00:00:c9:60:e4:9a fc2/1
vfc3/1    1    0xee0009 20:00:00:00:0a:00:00:01 20:00:00:00:c9:60:e4:9a fc2/2
vfc3/1    1    0xee000a 20:00:00:00:0a:00:00:02 20:00:00:00:c9:60:e4:9a fc2/3
vfc3/1    1    0xee000b 33:33:33:33:33:33:33 20:00:00:00:c9:60:e4:9a fc2/4
Total number of flogi = 4
  
```

```

Exhibit 3
switch# show npv status
npiv is enabled

External Interfaces:
=====
Interface: fc2/1, VSAN: 1, FCID: 0x1c0000, State: Up
Interface: fc2/2, VSAN: 1, FCID: 0x040000, State: Up
Interface: fc2/3, VSAN: 1, FCID: 0x260000, State: Up
Interface: fc2/4, VSAN: 1, FCID: 0x1a0000, State: Up
Number of External Interfaces: 4

Server Interfaces:
=====
Interface: vfc3/1, VSAN: 1, NPIV: No, State: Up
Number of Server Interfaces: 1
  
```

```

Exhibit 4
switch# show npv status
npiv is enabled
disruptive load balancing is enabled

External Interfaces:
=====
Interface: fc2/1, VSAN: 2, FCID: 0x1c0000, State: Up
  
```

What can you tell about server ports and their external Interfaces from the exhibits?

- A. vfc3/1 is not correctly connected to server external interface fc2/1.
- B. vfc3/1 is not correctly connected to server external Interface fc2/1 and flogi are unsuccessful.
- C. Server interface vfc3/1 is assigned to NP uplinks fc2/1, fc2/2, fc2/3, and fc2/4. There are 4 successful flogi.
- D. Server interface vfc3/1 is assigned to NP uplinks fc2/1, fc2/2, fc2/3, and fc2/4. There are 4 flogi are in initialization state.

Answer: C

NEW QUESTION 67

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

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

Answer: BC

NEW QUESTION 70

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.

Answer: BE

NEW QUESTION 72

At which layer of the OSI Model is TCP traffic encapsulated?

- A. transport
- B. data-link
- C. application
- D. presentation

Answer: A

NEW QUESTION 76

Which two networking devices operate at Layer 1 of the OSI model? (Choose two.)

- A. Repeater
- B. Bridge
- C. Switch
- D. Router
- E. Hub

Answer: AE

Explanation: It defines the electrical and physical specifications of the data connection. It defines the relationship between a device and a physical transmission medium (e.g. a copper or fiber optical cable). This includes the layout of pins, voltages, line impedance, cable specifications, signal timing, hubs, repeaters, network adapters, host bus adapters (HBA used in storage area networks) and more."

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

NEW QUESTION 79

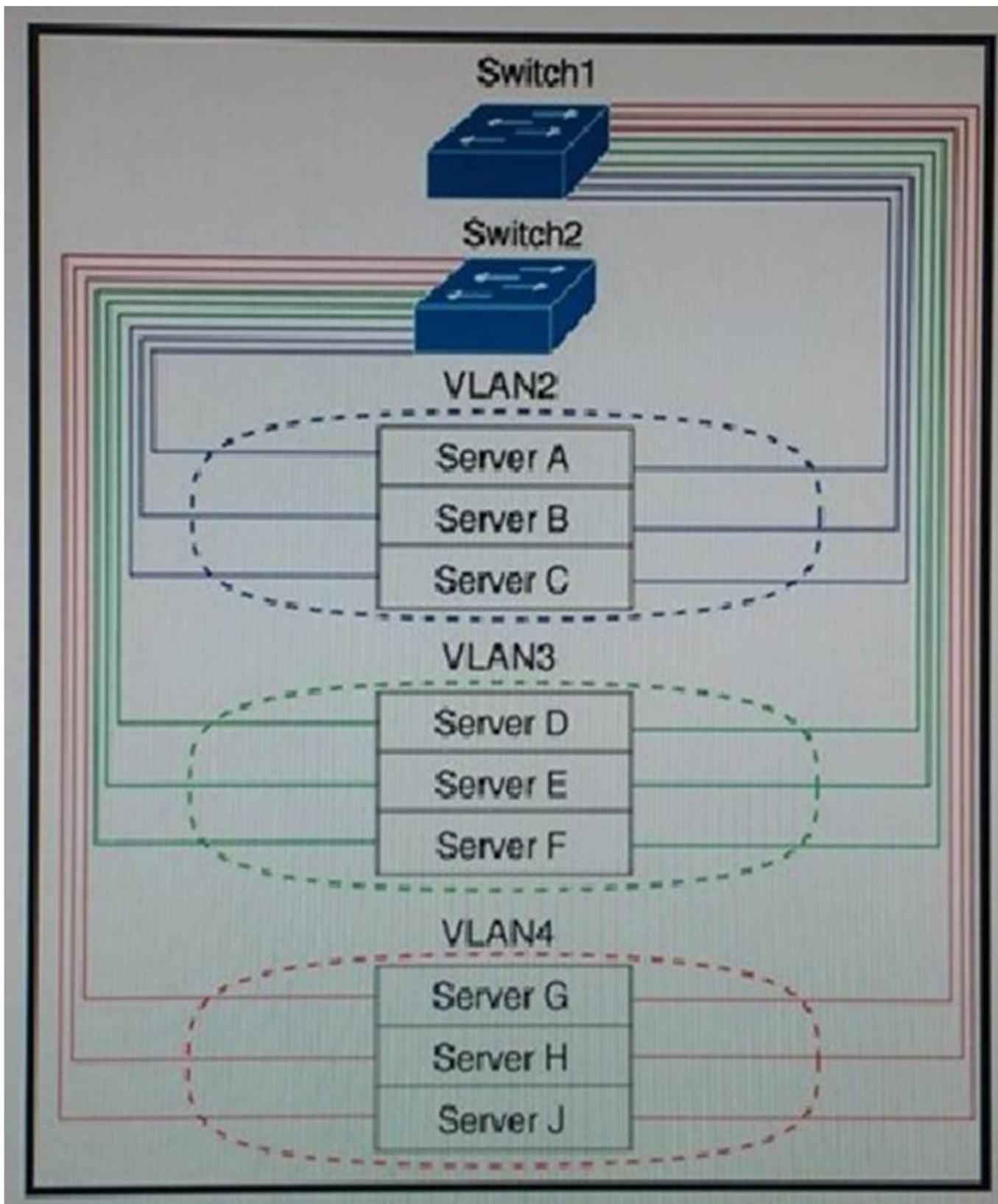
What is the maximum working distance of a 1000BASE-ZE SFP transceiver when ordinary single mode fiber?

- A. up to 70 kilometers
- B. up to 40 kilometers
- C. up to 550 meters
- D. up to 10 kilometers

Answer: A

Explanation: The Cisco GLC-ZX-SM operates on ordinary single mode fiber optic link spans of up to 70 km in length. (<http://www.cisco.com/c/en/us/products/interfaces-modules/1000base-zx-sfp/index.html>)

NEW QUESTION 80



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.

Answer: C

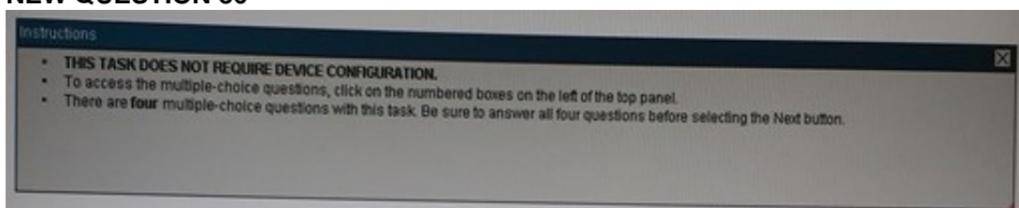
NEW QUESTION 84

On which two components of a router can a copy of a running-configuration file be saved manually by an engineer for backup purposes? (Choose two.)

- A. NVRAM
- B. Flash
- C. ROM
- D. RAM
- E. DRAM

Answer: AB

NEW QUESTION 86



Scenario

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Topology

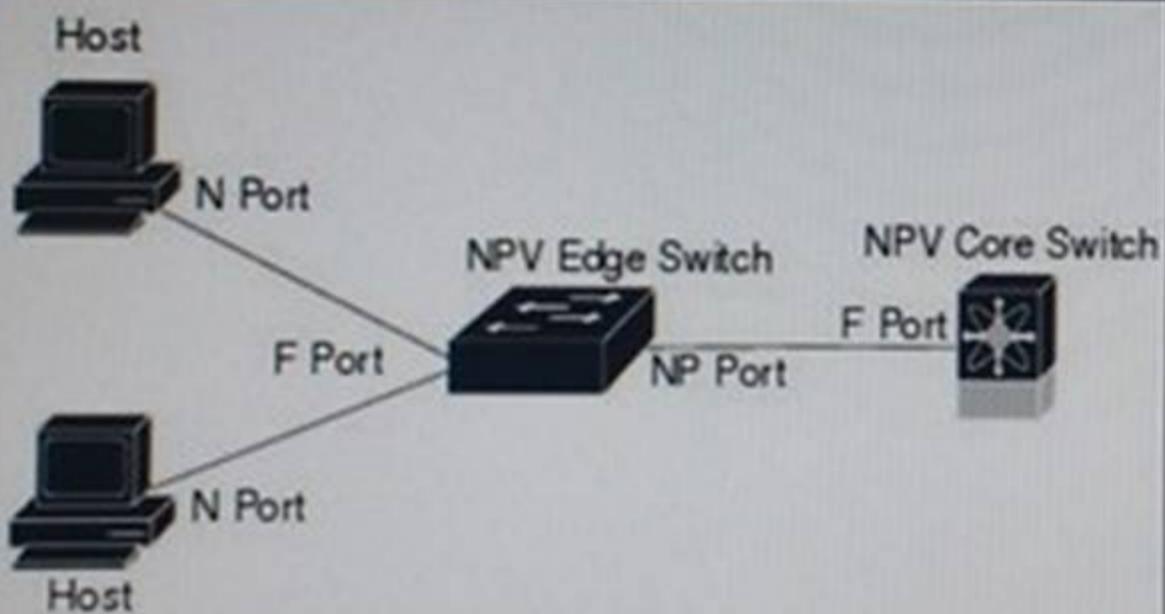


Exhibit 1

```
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switch(config)# npv enable
```

```

Exhibit 2
SWITCH# show npv flogi-table
-----
SERVER                                     EXTERNAL
INTERFACE VSAN FCID                      PORT NAME                                NODE NAME                                INTERFACE
-----
vfc3/1    1    0xee0008 10:00:00:00:c9:60:e4:9a 20:00:00:00:c9:60:e4:9a fc2/1
vfc3/1    1    0xee0009 20:00:00:00:0a:00:00:01 20:00:00:00:c9:60:e4:9a fc2/2
vfc3/1    1    0xee000a 20:00:00:00:0a:00:00:02 20:00:00:00:c9:60:e4:9a fc2/3
vfc3/1    1    0xee000b 33:33:33:33:33:33:33:33 20:00:00:00:c9:60:e4:9a fc2/4
Total number of flogi = 4
  
```

```

Exhibit 3
switch# show npv status
npiv is enabled

External Interfaces:
=====
Interface: fc2/1, VSAN: 1, FCID: 0x1c0000, State: Up
Interface: fc2/2, VSAN: 1, FCID: 0x040000, State: Up
Interface: fc2/3, VSAN: 1, FCID: 0x260000, State: Up
Interface: fc2/4, VSAN: 1, FCID: 0x1a0000, State: Up
Number of External Interfaces: 4

Server Interfaces:
=====
Interface: vfc3/1, VSAN: 1, NPIV: No, State: Up
Number of Server Interfaces: 1
  
```

```

Exhibit 4
switch# show npv status
npiv is enabled
disruptive load balancing is enabled

External Interfaces:
=====
Interface: fc2/1, VSAN: 2, FCID: 0x1c0000, State: Up
  
```

Which statement is true regarding configuring NPV mode?

- A. When you enable NPV, the system configuration is erased and the switch reboots
- B. When you enable NPV
- C. the system configuration is not erased and the does not switch reboot
- D. In Exhibit 3 NPV is enable
- E. but Server interface to the external switch is not bed to correct vfc 2/1.
- F. m NPV mode, the core switch relays traffic from server-side ports to the edge switch and core switch provides N ports.

Answer: A

Explanation: http://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/configuration/guide/cli_rel_4_0_1a/CL

NEW QUESTION 87

	SOF	DST	SRC	Length	Data	FCS
7 Bytes	1 byte	22 Bytes			Max 1,492 Bytes	

Refer to the exhibit. Which type of network communication is depicted?

- A. 802.3 frame
- B. TCP frame
- C. Ethernet packet
- D. UDP packet

Answer: A

NEW QUESTION 90

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

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

- A. regular format WWNs are being used
- B. the command show flogl 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.

Answer: BE

NEW QUESTION 91

Which VTP mode disallows the creation of local VLANs?

- A. transparent
- B. tunneling
- C. server
- D. client
- E. off
- F. native

Answer: D

Explanation: "A VTP client behaves like a VTP server and transmits and receives VTP updates on its trunks, but you cannot create, change, or delete VLANs on a VTP client. VLANs are configured on another switch in the domain that is in server mode."
http://www.cisco.com/en/US/docs/switches/lan/catalyst3560/software/release/12.2_52_se/configuration/guide/s

NEW QUESTION 93

Which protocol is supported when OSPFv2 is used as the routing protocol?

- A. NetBios
- B. LAT
- C. IPv4
- D. IPv6

Answer: C

NEW QUESTION 98

Which two VTP modes allow the creation of local VLANs? (Choose two.)

- A. transparent
- B. native
- C. server
- D. client
- E. on

Answer: AC

NEW QUESTION 99

Which two statements about a spine and-leaf data center design are true? (Choose two.)

- A. The design is a three-tier architecture.
- B. The design is a two-tier architecture.
- C. A spine switch corresponds to an access switch in a traditional data center de
- D. All spine switches connect directly to one another.
- E. A leaf switch corresponds to an access switch in a traditional data center design.

Answer: BE

NEW QUESTION 100

Which statement about SAN zoning is true?

- A. Describes can belong to more than one zone.
- B. zones must be the same size.
- C. zone membership can be configured only on a pWWN basis.
- D. Hard zoning can be disabled

Answer: A

NEW QUESTION 105

Drag and drop the feature on the left to the correct description on the right.

accounting	Provides access control and verifies whether the connected user can execute a submitted command.
authentication	The process of verifying the identity of the person or device accessing the resource.
RBAC	Provides a method to collect and log information, and send the information to the AAA server for billing, auditing, and reporting.
authorization	A method of restricting or authorizing system access for users based on user roles and locales.

Answer:

Explanation: Authorization = Provide access control and verifies whether the connected user can execute a submitted command.

Authentication = The process of verifying the identity of the person or device accessing the resource. Accounting = Provides a method to collect and log information, and send the information to the AAA server for billing, auditing, and reporting

RBAC = A method of restricting or authorization system access for users based on user roles and locales.

NEW QUESTION 108

Which description of a multiple-initiator target zone is true?

- A. It uses more TCAM than a single-initiator single target zone.
- B. It increases the number of zones.
- C. It uses less TCM space than a single-initiator target zone.
- D. It blocks RSCNs between initiators.

Answer: A

NEW QUESTION 111

What is the default bridge ID priority for Rapid PVST+?

- A. 128
- B. 32769
- C. 32768
- D. 4096

Answer: B

NEW QUESTION 116

Which communication type uses a one-to-many model to replicate packets that are delivered to many interested recipients?

- A. unknown unicast
- B. broadcast
- C. unicast
- D. multicast

Answer: D

NEW QUESTION 120

Which two type of endpoint are used for the Ethernet encapsulation of FibreChannelframes? (Choose two.)

- A. FIP
- B. virtual Fibre Channel
- C. Fibre Channel Forwarder (FCF)
- D. fCoE node (Enode)
- E. iSCSI

Answer: BD

NEW QUESTION 123

At which layer in the OSI stack does the Hypertext Transfer Protocol operate?

- A. Layer 1
- B. Layer 2
- C. Layer 3
- D. Layer 4
- E. Layer 5
- F. Layer 6
- G. Layer 7

Answer: G

NEW QUESTION 126

If a Nexus switch receives a frame and no MAC table entry is found for the destination, what will take place?

- A. The frame will be dropped.
- B. The frame will be flooded.
- C. The sender will be notified.
- D. The destination address will be learned.

Answer: B

NEW QUESTION 131

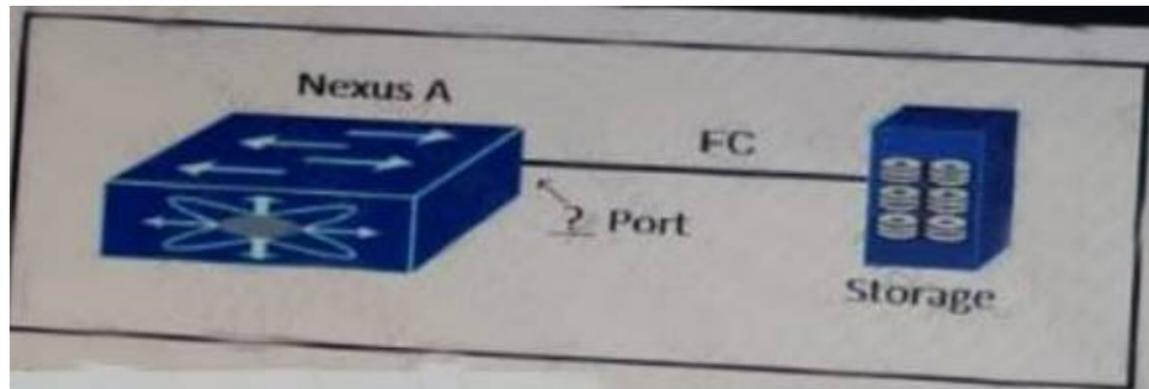
Which description of a FLOGI database is true?

- A. It displays the status of the various VSANs in the fabric.
- B. it indicates the devices that connect directly to the switch.
- C. It shows the switch of the zones on the Local switch.
- D. It travels VSAN s in the network.

Answer: B

NEW QUESTION 135

Refer to the exhibit.



You must attach a storage peripheral to a Cisco Nexus 5000 Series Switch. Which type of port do you use?

- A. E
- B. F
- C. TE
- D. NP

Answer: B

NEW QUESTION 137

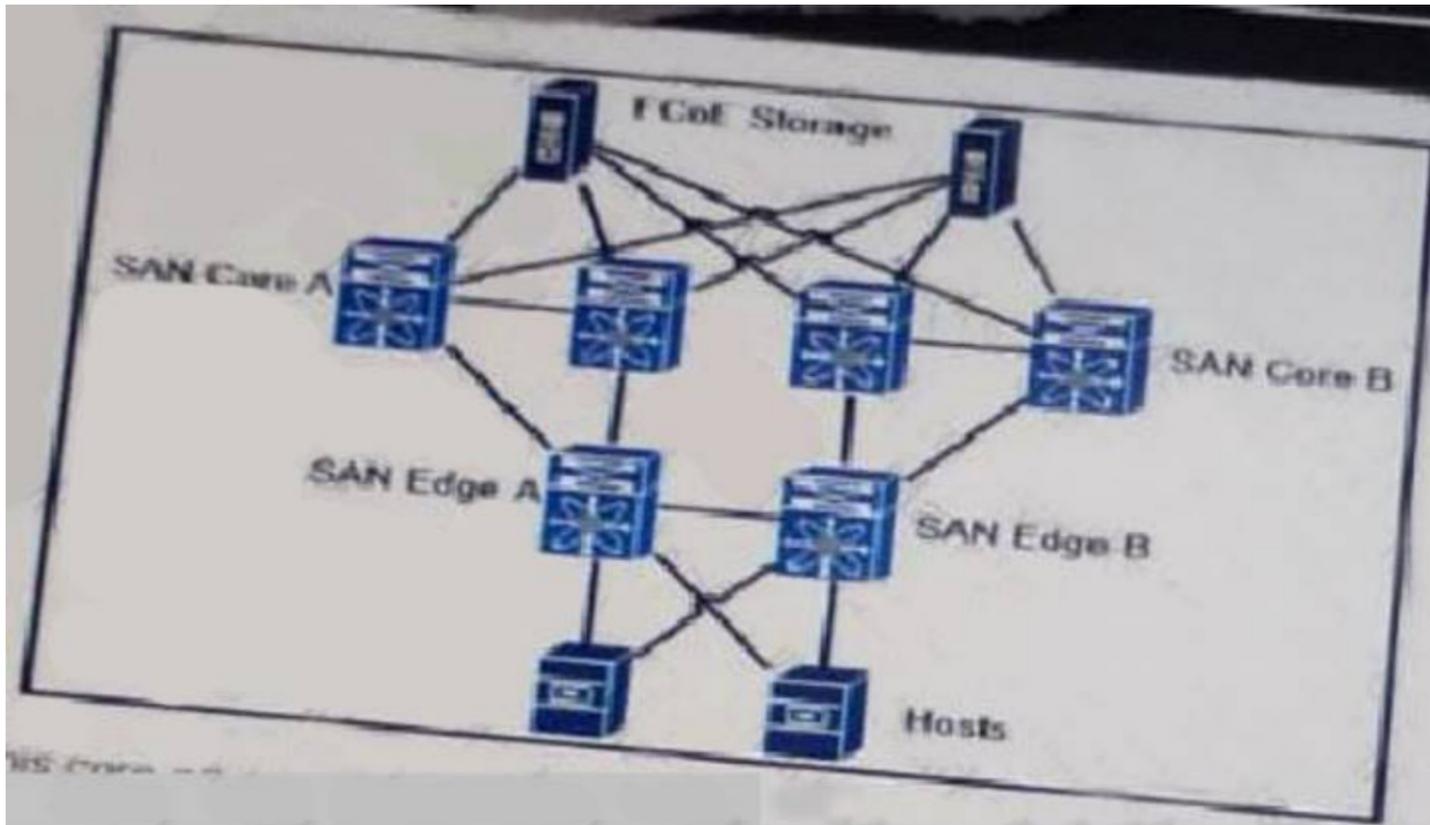
Which two features must be licensed on a Cisco Nexus 5548UP Switch? (Choose two.)

- A. Virtual Port Channel
- B. Fibre Channel
- C. FabricPath
- D. iSCSI

Answer: BC

NEW QUESTION 140

Refer to the exhibit.



Which description of this core-edge topology is true?

- A. The single-hop design provides minimal latency because the storage devices and the hosts connect to the same switch.
- B. The single-hop design from the host to the target provides a highly scalable solution.
- C. A single core switch connects the storage devices and the hosts.
- D. The hosts connect to an edge device, which is connect to the core.

Answer: D

NEW QUESTION 143

When you enter the feature npv command on a storage-capable switch from Cisco, what is the result?

- A. N-port Virtualization is enabled without rebooting.
- B. the switch erases the current configuration before it enables the feature N-port Virtualization.
- C. The switch reloads and erases the current configuration before it enables the feature N-port Virtualization.
- D. N-port ID Virtualization is enabled without rebooting.

Answer: C

NEW QUESTION 148

For witch reason would you implement a VSAN?

- A. to overcome the limitation of zoning
- B. to virtualize storage
- C. to segment the physical fabric into multiple logical fabrics
- D. to overcome the limitations of LUN masking

Answer: C

NEW QUESTION 153

In Cisco NX-OS Software, which command redistributes a route of 0.0.0.0/0 into EIGRP?

- A. default-information originate
- B. default information originate
- C. default information-originate
- D. originate default-information
- E. originate-default information

Answer: A

NEW QUESTION 158

When comparing TCP and UDP segments, which two fields are found only in TCP segment? (Choose two.)

- A. Checksum
- B. acknowledgement
- C. length
- D. source
- E. Sequence number

Answer: DE

NEW QUESTION 161

7K-3 and 7k-4 have the following configuration.
 Spanning-tree mst 1 priority 24576 Spanning-tree mst configuration name DCICN
 revision 2
 instance 1 vlan 100-150
 Which of the following statements is true about the network?

- A. 7K-3 is the mst root for VLANs 100-150
- B. 7k-4 is the mst root for VLANs 100-150
- C. Both 7k-3 and 7k-4 are the root for VLANs 100-150
- D. MST is not enabled on 7k-3 and 7k-4

Answer: D

NEW QUESTION 163

Refer to the exhibit.

```

N7K (config) # interface Ethernet 1/1

N7K (config-if) # storm-control broadcast level 0
    
```

Which result command is true?

- A. All broadcast traffic is suppressed on Ethernet 1/1.
- B. All broadcast and multicast traffic is allowed on Ethernet 1/1.
- C. All broadcast traffic is allowed on Ethernet 1/1.
- D. All broadcast and multicast traffic is suppressed on Ethernet E1/1.

Answer: A

NEW QUESTION 165

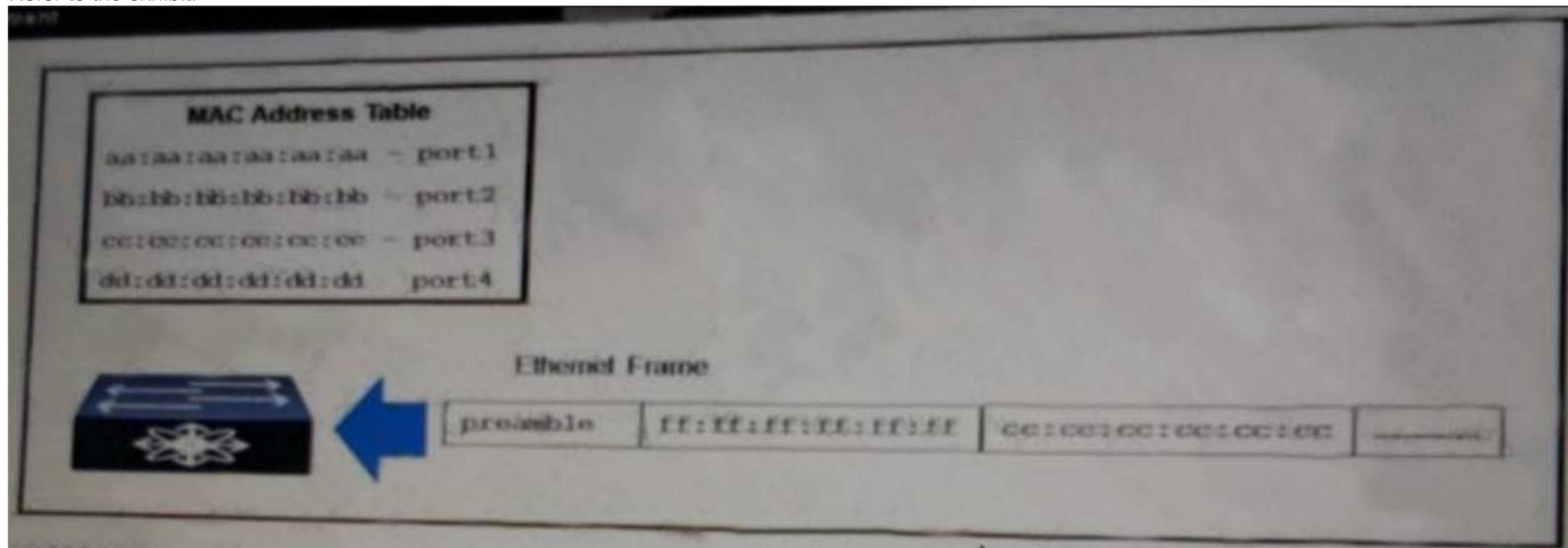
Which router type is the most trustworthy for a Cisco routing device?

- A. EIGRP dynamic
- B. static
- C. BGP dynamic
- D. OSPF dynamic

Answer: A

NEW QUESTION 167

Refer to the exhibit.



How does the switch process the Ethernet frame?

- A. drop the frame
- B. Forwards the frame to port3
- C. filter the frame
- D. floods the frame

Answer: B

NEW QUESTION 172

Which OSI reference model layer provides flow control, sequencing, and acknowledgments?

- A. transport
- B. data link
- C. session
- D. presentation

Answer: A

NEW QUESTION 176

When the auto-MDIX is disabled, which two network configuration require a crossover cable?

- A. hub-to-switch
- B. switch-to-workstation
- C. router-to-workstation
- D. hub-to-router
- E. Switch-to-router

Answer: E

NEW QUESTION 177

How many bits are used for a subnet ID in an IPv6 address?

- A. 48
- B. 16
- C. 64
- D. 128
- E. 10

Answer: B

NEW QUESTION 178

Which two of the following statements are true with respect to STP in this network? (Choose 2)

- A. Both 5K's have BPDU Guard and BPDU Filter enabled by default, while both 7K's do not
- B. Both 5K's bridge Assurance enabled, while both 7K's do not
- C. 7K's is the root bridge for VLANs 100-150
- D. Both 7K-3 and 7k-4 being vPC peers, are the root bridge for VLANs 100-150
- E. No devices have a root cost higher than 1, since all devices are no more that 1 hop away from each other

Answer: BE

NEW QUESTION 183

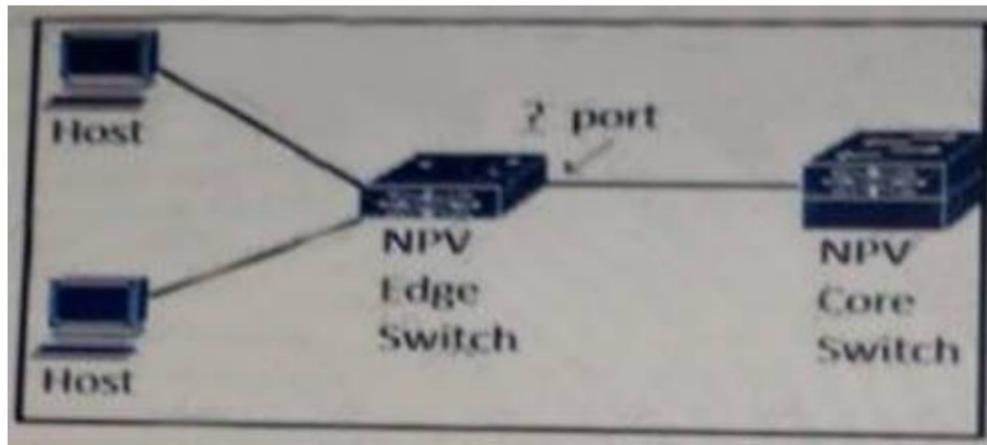
Which two are Fibre Channel topologies? (Choose two.)

- A. spine and leaf topology
- B. port-to-port
- C. port-to-multipoint
- D. star topology
- E. arbitrated loop

Answer: BD

NEW QUESTION 187

Refer to the exhibit.



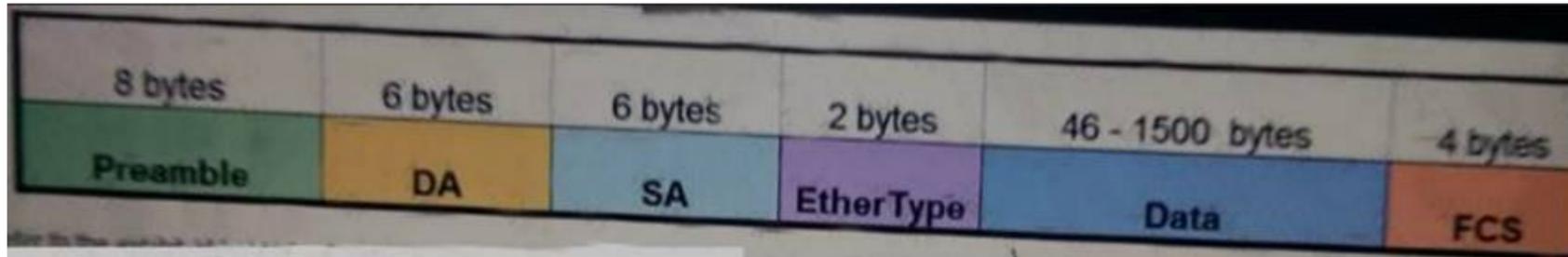
Which type of port is used to connect an edge switch in NIPV mode to the core switch?

- A. E
- B. F
- C. NP
- D. TE

Answer: C

NEW QUESTION 189

Refer to the exhibit.



Which type of network communication is depicted?

- A. TCP packet
- B. IEEE 802.3 with LLC frame
- C. Ethernet frame
- D. IEEE802.3 with SNAP frame

Answer: A

NEW QUESTION 191

Which statement is true about the crossconnections between 5k's and 7k's in the network?

- A. VLAN 100 is the native VLAN
- B. 56 extended VLANs are configured in the network
- C. VLANs 125-150 are allowed on the cross connections between the 7k's and 5k's
- D. VLANs 100-124 are err-disabled on the cross connections between the 7k's and 5k's

Answer: C

NEW QUESTION 194

Which two options describe what can happen when devices are in the same broadcast domain? (Choose two.)

- A. They are on the same VLAN and the same switch.
- B. They are on different VLANs and the same switch.
- C. They are on different VLANs and different switches.
- D. They are on the same VLAN and different switches.

Answer: AD

NEW QUESTION 195

When connecting a switch port to a virtualization host requiring 802.1q VLAN tagging, which spanning-tree port type should be configured on the switch?

- A. normal
- B. edge
- C. edge trunk
- D. PortFast
- E. trunk

Answer: C

NEW QUESTION 197

Which two protocols are associated with the link layer of the TCP/IP reference model? (Choose two.)

- A. UDP
- B. STP
- C. HSRP
- D. Ipsec
- E. LLDP

Answer: AE

NEW QUESTION 198

Refer to the exhibit.

temp_current >= maj_threshold or
 temp_current =< min_threshold

Cisco USC Manager generates a Call Home fault report. Which action do you take to resolve the issue?

- A. Adjust the Chassis temperature threshold to a higher setting.
- B. Verify that air flow through the Chassis correctly.
- C. Ensure that power cables are connected to the fan assemblies of the UCS.
- D. Remove the equipment that generates excessive heat near the top of the rack

Answer: A

NEW QUESTION 202

To which component do you connect the Layer 1 port of a fabric interconnect?

- A. Layer 2 port of the opposite fabric interconnect
- B. out-of band management network
- C. Layer 2 port of the same fabric interconnect
- D. Layer 1 port of the opposite fabric interconnect

Answer: D

NEW QUESTION 205

When you enter the feature npv command on a storage-capable switch from Cisco, what is the result?

- A. N-Port Virtualization is enabled without rebooting.
- B. The switch reloads and erases the current configuration before it enables the feature N-Port ID Virtualization.
- C. The switch reloads and erases the current configuration before it enables the feature N-Port Virtualization.
- D. N-Port ID Virtualization is enabled without rebooting.

Answer: C

NEW QUESTION 208

Which statement describes the uses of zones in a VSAN?

- A. Zones are configured at the fabric core.
- B. An HBA or storage device can only belong to zone.
- C. Zones limit unicast, multicast, and broadcast traffic.
- D. Zones are a group of ports within a single VSAN.

Answer: C

NEW QUESTION 211

Drag and drop the Cisco NX-OS user role on the left to the correct default privilege on the right.

Answer:

Explanation: network-admin—Complete read-and-write access to the entire Cisco NX-OS device (only available in the default VDC)

▶ network-operator—Complete read access to the entire Cisco NX-OS device (only available in the default VDC)

▶ vdc-admin—Read-and-write access limited to a VDC

▶ vdc-operator—Read access limited to a VDC

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/5_x/nx-os/security/configuration/guide/b_Cisco_

NEW QUESTION 213

What is a function of an endpoint?

- A. To join 3 or more participants in a meeting.
- B. To act as a traffic cop for network communication.
- C. To schedule calls.
- D. To provide an audio and video interlace for the user.

Answer: D

NEW QUESTION 217

Which is a Call Control Device in a Cisco Collaboration environment?

- A. Cisco Content Server
- B. Cisco Meeting Server
- C. Cisco Telepresence Management Suite
- D. Cisco Expressway

Answer: B

NEW QUESTION 222

Drag and drop the CLI configuration command on the left to the correct order on the right to configure a Layer 3 interface. Not all options are used.

encapsulation dot1q 13	Command 1
interface ethernet1/13	Command 2
ip address 192.168.1.254/24	Command 3
no shutdown	Command 4
no switchport	

Answer:

Explanation:

Interface ethernet1/13 No switchport
 Ip address 192.168.1.254/24 No shutdown

NEW QUESTION 223

Which statement is true regarding TMS permissions?

- A. TMS Permissions are directly assigned to individual users.
- B. TMS Permissions are configured in Active Directory, which is then synced to TMS.
- C. TMS Permissions are assigned to groups, and users are added to the groups.
- D. TMS Permissions can be imported from the Expressway or CUCM.

Answer: C

NEW QUESTION 226

Which call processing stage standardizes destination aliases originating from both SIP and H.323 devices?

- A. Hunt group
- B. Find Rules
- C. transforms
- D. Conference template

Answer: C

NEW QUESTION 231

If a user of a SIP endpoint registered to an Expressway configured with only the vidoe.com domain physically dials. "6501", what alias is presented in the SIP invite message?

- A. 6501@<ip address of the endpoint
- B. 6501
- C. 6501 @<ip address of the Expressway
- D. 6501@vidoe.com

Answer: C

NEW QUESTION 235

Which is a configuration mode through Cisco Spark that allows Zero Touch Meetings (ZTM) and allows a user to utilize their enterprise phone as the audio or video terminal for Spark calls?

- A. Call Connector
- B. Directory Service
- C. Call Service Connect
- D. calendar Service

Answer: C

NEW QUESTION 240

During a call request, which occurs prior to the Expressway searching for the destination endpoint in the registration list?

- A. Hunt Group
- B. bandwidth Restriction
- C. HuntList
- D. Transforms

Answer: D

NEW QUESTION 242

How many video endpoints can call into a CMR Cloud meeting?

- A. 10
- B. 25
- C. 50
- D. 8

Answer: A

NEW QUESTION 243

When writing new App in Tropo, in what format should the App Script be saved/

- A. .xml
- B. .json
- C. .js
- D. .mp4

Answer: C

NEW QUESTION 248

Which statement about FHRP protocols is true?

- A. GLBP group member routers respond to ARP requests by providing their physical MAC addresses
- B. If HSRP priority is not configured, then the router with the highest IP address in the group is elected as active
- C. VRRP and GLBP are standards-based protocols
- D. VRRP provides load balancing by sharing the same virtual MAC address on all VRRP routers

Answer: A

NEW QUESTION 252

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

- A. memory extension node
- B. hard drive
- C. fabric interconnect

- D. power supply
- E. compute node

Answer: AD

NEW QUESTION 256

How is the Management Connector configured for Cisco Spark hybrid?

- A. From the Web interface of Spark Administration.
- B. From the Web interface of the Expressway Edge.
- C. From the Web interface of the Expressway Core and the Web Interface of Spark Administration.
- D. From the Web interface of the Expressway Core.

Answer: D

NEW QUESTION 259

What must be configured to set up a Directory connector for Cisco Spark Hybrid?

- A. The administrator only needs to configure AD settings in the Cisco Spark Management Portal.
- B. The administrator needs to configure AD to point Cisco Spark Cloud.
- C. The administrator must log in to Cloud Collaboration Management and download the Directory Connector in the Windows Server.
- D. Configure the Directory Connector on the Expressway Core.

Answer: C

NEW QUESTION 262

Which conferencing solution is designed for messaging, meeting, calling and persistent content sharing?

- A. CMR
- B. Spark
- C. Cisco Meeting Server
- D. Telepresence Server

Answer: B

NEW QUESTION 263

Which statement is true regarding Subzones?

- A. Endpoints are assigned to a particular Subzone by their alias or IP subnet
- B. Subzones require the use of endpoint authentication.
- C. Endpoints require the use of other endpoints for authentication
- D. Subzones are used for routing calls to peers in other parts of the network

Answer: A

NEW QUESTION 268

What is a function of a management solution?

- A. To schedule calls
- B. To provide an audio and video interlace for the user
- C. To join 3 or more participants in a meeting
- D. To act as a traffic cop for network communication

Answer: A

NEW QUESTION 270

What H.323 functionality exists on the Cisco Meeting Server?

- A. H323-to-SIP Interworking only
- B. H 323 registration and call control only
- C. H.323 registration and H.323-to-SIP Interworking, but no call control
- D. H323 registration, call control and H.323-to-SIP Interworking

Answer: A

NEW QUESTION 274

Drag and drop the protocols on the left to the correct storage types for which they are used on the right.

CIFS
Fibre Channel
ISCSI
NFS

File Storage

Block Storage

Answer:

Explanation: File Storage CIFS
 ISCSI
 Block Storage Fibre Channel NFS

NEW QUESTION 278

Which is a Cisco Spark Service Add-ons?

- A. Calling
- B. Meeting
- C. Room Registration
- D. Messaging

Answer: B

NEW QUESTION 282

Which two protocols are associated with the link layer of the OSI reference model? (Choose two)

- A. VTP
- B. SSH
- C. CDP
- D. BGP
- E. DNS

Answer: BD

NEW QUESTION 286

Which room system can also function as a white board?

- A. Spark Board
- B. Mx800
- C. SX20
- D. SX10

Answer: A

NEW QUESTION 291

How is TIP defined?

- A. TIP allows communication between any immersive and non-immersive endpoint.
- B. TIP multiple RTP ports to reduce the number of video streams required in call between immersive endpoints.
- C. TIP multiple RTP ports to reduce the number of video streams required in calls between any H.323 and SIP endpoint, whether they are immersive endpoints or non-immersive endpoints.
- D. TIP allows communication between any endpoint, regardless of what protocol is used.

Answer: B

NEW QUESTION 292

Which product is a Call Control Server that supports both voice and video communication?

- A. Cisco Meeting Server
- B. Cisco Telepresence Management Suite
- C. Cisco Unified Communications Manager
- D. Cisco Content Server

Answer: C

NEW QUESTION 296

Which deployment model is the best solution for a simple installation with the most secure connection outside the protection network for Cisco Meeting Server?

- A. Single Combined Server Deployment
- B. Stable and Resilient Server Deployment
- C. Scalable and Combined Server Deployment
- D. Single Split Server Deployment

Answer: A

NEW QUESTION 299

Which purpose is a valid reason to change the mode of an interface to a TE Port on a Cisco Nexus 6000 Series switch?

- A. to connect a third party SAN switch
- B. to span a Fibre Channel port
- C. to connect an NP1V switch to an NPV core switch
- D. to create a VSAN trunk

Answer: D

NEW QUESTION 304

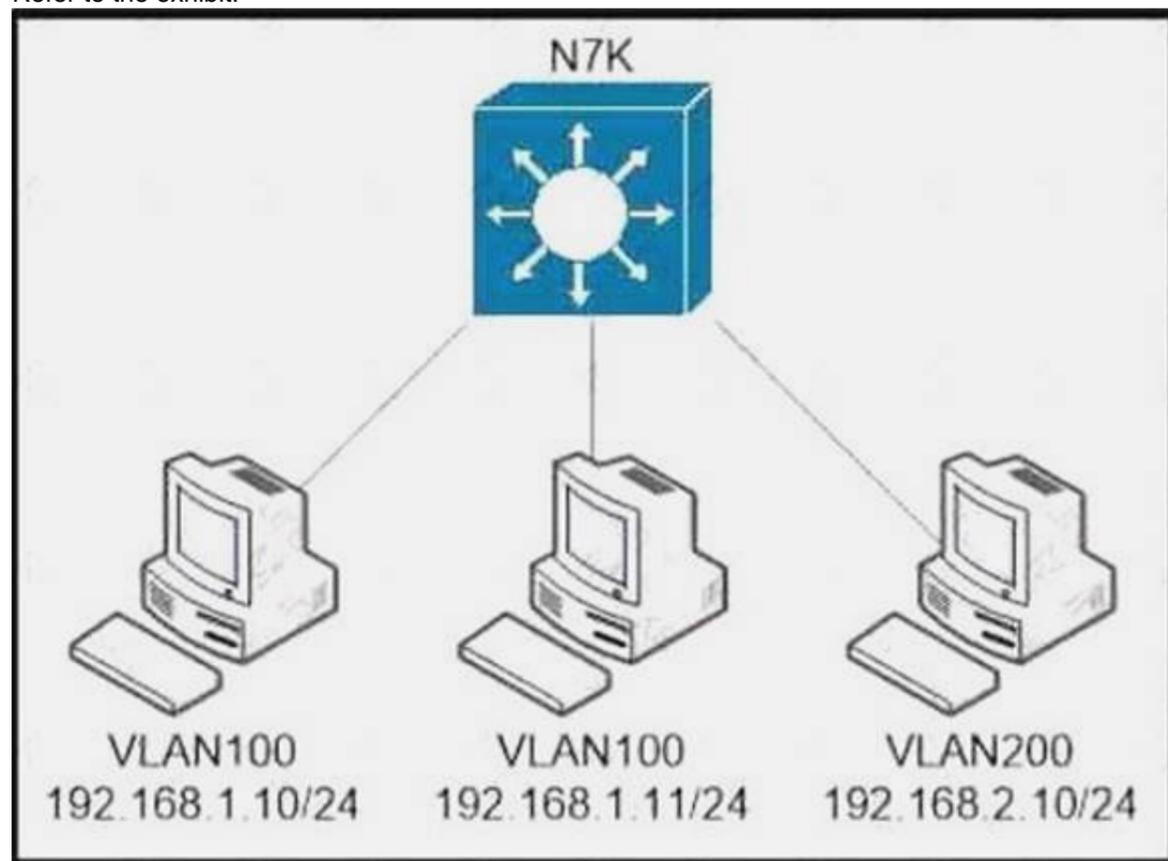
The MAC address table on a Cisco Nexus Series switch is full. What Layer 2 network behavior will occur while the network MAC address table remains full?

- A. The switch will remove all dynamically learned MAC addresses from the table
- B. Frames with an unknown destination address will be flooded
- C. All frames will be flooded
- D. The switch will reset the MAC address table, removing all MAC addresses.

Answer: C

NEW QUESTION 309

Refer to the exhibit.



How many broadcast domains are represented?

- A. 1
- B. 2
- C. 3

Answer:

NEW QUESTION 310

Which two protocols operate at the data link layer of the OSI reference model? (Choose two.)

- A. STP
- B. NetBIOS
- C. OSPF
- D. ICMP
- E. LLDP

Answer: AE

NEW QUESTION 312

Which Cisco WebEX product can be integrated in a CMR Cloud or CMR Hybrid deployment?

- A. Cisco WebEx Support Center
- B. Cisco WebEx Event Center
- C. Cisco WebEx Center
- D. Cisco WebEx Meeting Center

Answer: D

NEW QUESTION 316

Which two types of interface exist on Cisco Nexus Fabric Extender? (Choose two)

- A. network interface (NIF)
- B. uplink interface (UF)
- C. host interface (HIF)
- D. edge interface (EIF)
- E. trunk interface (TIF)

Answer: AC

Explanation: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/operations/interfaces/602_n1_1/N5K_

NEW QUESTION 318

Which description of a vFC interface is true?

- A. It can be associated to more than one VSAN
- B. It must be bound to an FCoE-enabled Ethernet or EtherChannel interface.
- C. It can be associated to a private VLAN
- D. It can be associated to an FCoE VLAN

Answer: B

Explanation: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/fcoe/513_n1_1/b_Cisco_n5k_fcoe_co

NEW QUESTION 320

A network engineer needs to configure an SVI on a Cisco Nexus Series switch After configuring VLAN 10, which set of commands must the engineer enter, to complete the SVI configuration?

A)

```
switch(config)# feature interface-vlan
switch(config)# interface ethernet 2/1.10
switch(config-if)# ip address 10.1.2.3/24
switch(config-if)# switchport access vlan 10
switch(config-if)# no shutdown
```

B)

```
switch(config)# feature interface-vlan
switch(config)# vlan 10
switch(config-vlan)# ip address 10.1.2.3/24
switch(config-vlan)# no shutdown
```

C)

```
switch(config)# interface ethernet 2/1.10
switch(config-if)# ip address 10.1.2.3/24
switch(config-if)# encapsulation dot1q 10
switch(config-if)# no shutdown
```

D)

```
switch(config)# feature interface-vlan
switch(config)# interface vlan 10
switch(config-if)# ip address 10.1.2.3/24
switch(config-if)# no shutdown
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: D

NEW QUESTION 325

Which is a feature available in Expressway version 8.9?

- A. The ability to register desktop phones
- B. Global phone books
- C. SRST redundancy
- D. The ability to register video endpoints

Answer: D

NEW QUESTION 326

Which call solution supports messaging, meeting and calling?

- A. Expressway
- B. UCM
- C. Spark
- D. HCS

Answer: C

NEW QUESTION 328

Which statement is true regarding endpoint registration authentication?

- A. When a Subzone is a set for "Treat as Authenticated", the endpoint is require to have the correct authentications configured.
- B. Expressways and Endpointdo not need to be synchronized with identical NTP timestamps
- C. SIP endpoints always need authentication credentials.
- D. Authentication credentials can be stored in the database of the Expressway.

Answer: D

NEW QUESTION 330

Which is an administrator function Cisco Spark partner resellers are allowed to perform from the Cisco Spark Management portal?

- A. Determine Single Sign-On customer usage report.
- B. Determine role-based access and view usage reports.
- C. Enable Single-On and Directory sync through corporate LDAP services on premises.
- D. Customer account management.

Answer: D

NEW QUESTION 335

Which Spark package supports meetings up to 25 people?

- A. Plus, or M1
- B. Event Center
- C. Advanced, or M2
- D. Premium,or M3

Answer: C

NEW QUESTION 339

What is a primary purpose of the Traversal Subzone?

- A. To provide for Mobile Remote Accessfor endpoints outside the network.
- B. To encrypt traversal calls to neighbored Expressways.
- C. To enable firewall traversal between public and private endpoints.
- D. To apply bandwidth restrictions on traversal calls.

Answer: D

NEW QUESTION 340

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