

200-155

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Cisco 200-155

Sections

1. Nexus
2. UCS
3. Storage
4. Other
5. HOT SPOT

Exam A**QUESTION 1**

Which two are advantages of a modular data center design? (Choose two.)

- A. complexity
- B. scalability
- C. ease of management
- D. resilience

Correct Answer: BD

Section: Other

Explanation

Explanation/Reference:

Explanation:

QUESTION 2

Which two describe functions of the data center aggregation layer? (Choose two.)

- A. repeater
- B. high-speed packet switching
- C. access control
- D. services layer
- E. QoS marking

Correct Answer: CD

Section: Other

Explanation

Explanation/Reference:

Explanation:

QUESTION 3

Which two are functional layers of a collapsed-core LAN design? (Choose two.)

- A. core
- B. aggregation
- C. access

- D. distribution
- E. services

Correct Answer: AC

Section: Other

Explanation

Explanation/Reference:

Explanation:

QUESTION 4

Which two Cisco data center devices can participate in FabricPath? (Choose two.)

- A. Cisco Nexus 5500 Series Switches
- B. Cisco Nexus 1000V
- C. Cisco Nexus 7000 Series Switches
- D. Cisco Nexus 4900 Series Switches
- E. Cisco MDS 9500 Series directors

Correct Answer: AC

Section: Nexus

Explanation

Explanation/Reference:

Explanation:

QUESTION 5

Which item best describes the STP requirements for Cisco FabricPath?

- A. RPVST must be configured on every Cisco FabricPath VLAN.
- B. RPVST must be configured on every Cisco FabricPath Border interface.
- C. MST must be configured on every Cisco FabricPath VLAN.
- D. MST must be configured on every Cisco FPBI.
- E. STP is required only to resolve border link failures.
- F. STP is not required on Cisco FabricPath interfaces.

Correct Answer: F

Section: Nexus

Explanation**Explanation/Reference:**

Explanation:

QUESTION 6

Which three are features of Cisco OTV? (Choose three.)

- A. control plane-based MAC learning
- B. dynamic encapsulation
- C. MAC address learning based on flooding
- D. pseudo wires and tunnels
- E. complex dual-homing
- F. native automated multihoming

Correct Answer: ABF

Section: Nexus

Explanation**Explanation/Reference:**

Explanation:

**QUESTION 7**

Which is a key characteristic of virtual device contexts?

- A. allowing logical switches to be aggregated into a single physical switch
- B. allowing logical switches to be aggregated into multiple physical switches
- C. allowing physical switches to be partitioned to a single virtual switch
- D. allowing physical switches to be partitioned to multiple virtual switches

Correct Answer: D

Section: Nexus

Explanation**Explanation/Reference:**

Explanation:

QUESTION 8

Which three are characteristics of the SAN core-edge design? (Choose three.)

- A. few devices to manage
- B. deterministic latency
- C. lower oversubscription
- D. fewer ISLs
- E. easy to analyze and tune performance
- F. cost-effective for large SANs

Correct Answer: BEF

Section: Storage

Explanation

Explanation/Reference:

Explanation:

QUESTION 9

Which two Cisco Nexus switches are capable of Layer 3 switching? (Choose two.)

- A. Cisco Nexus 7010
- B. Cisco Nexus 5020
- C. Cisco Nexus 5548
- D. Cisco Nexus 2248
- E. Cisco Nexus 2232



Correct Answer: AC

Section: Nexus

Explanation

Explanation/Reference:

QUESTION 10

Which command pings from the Cisco Nexus 5548 interface mgmt 0 to host 10.10.1.1?

- A. ping -m 10.10.1.1
- B. ping 10.10.1.1 -m
- C. ping 10.10.1.1 vrf management
- D. ping 10.10.1.1 vrf default

Correct Answer: C

Section: Nexus

Explanation

Explanation/Reference:

Explanation:

QUESTION 11

Which two are configuration elements selected during initial setup of the Cisco MDS 9100 Series Fibre Channel Switches? (Choose two.)

- A. Telnet bits
- B. SNMPv3 community strings
- C. Zone port distribution
- D. Enforce password complexity
- E. Default switchport mode F

Correct Answer: DE

Section: Storage

Explanation

Explanation/Reference:

Explanation:



QUESTION 12

Which two are configuration elements selected during initial setup of the Cisco Nexus 7000 Series Switches? (Choose two.)

- A. Telnet bits
- B. SNMPv3 community strings
- C. VDC mode
- D. Default interface layer
- E. Default interface state
- F. CoPP

Correct Answer: DE

Section: Nexus

Explanation

Explanation/Reference:

Explanation:

QUESTION 13

Which two protocols are encapsulated in FCoE? (Choose two.)

- A. NSF
- B. Fibre Channel
- C. CIFS
- D. SCSI
- E. iSCSI

Correct Answer: BD

Section: Storage

Explanation

Explanation/Reference:

Explanation:

QUESTION 14

Which two are benefits of Cisco Unified Fabric? (Choose two.)

- A. native AES-256 encryption of data in flight
- B. consolidation of LAN and SAN over a common transport
- C. zone port distribution
- D. reduced cabling
- E. SNMPv3 strong authentication

Correct Answer: BD

Section: UCS

Explanation

Explanation/Reference:

Explanation:

QUESTION 15

Which IEEE protocol provides bandwidth management and priority selection?

- A. Priority-based Flow Control (802.1Qbb)
- B. Enhanced Transmission Selection (802.1Qaz)

- C. Bandwidth Demand Circuit (802.1Qax)
- D. Quantized Congestion Control (802.1Qau)
- E. Data Center Bridging Exchange (802.1Qab)

Correct Answer: B

Section: Other

Explanation

Explanation/Reference:

Explanation:

QUESTION 16

How many bits of the IEEE 802.1p CoS field are used to map traffic classes that enable lossless fabric in FCoE?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 6
- F. 8



Correct Answer: C

Section: Storage

Explanation

Explanation/Reference:

Explanation:

QUESTION 17

Which three devices can participate in multihop FCoE? (Choose three.)

- A. Cisco Nexus 7000 Series Switches
- B. Cisco Nexus 5000 Series Switches
- C. Cisco Nexus 4900 Series Switches
- D. Cisco Nexus 1000 Series Switches
- E. Cisco MDS 9500 Series Switches

Correct Answer: ABE

Section: Storage
Explanation

Explanation/Reference:
Explanation:

QUESTION 18

Which type of interface is created on the Cisco Nexus 5548 Switch to represent ports connected to a FEX?

- A. HIF (host interface)
- B. LIF (logical interface)
- C. connected Ethernet
- D. SIF (satellite interface)
- E. VIF (virtual interface)

Correct Answer: E

Section: Nexus
Explanation

Explanation/Reference:
Explanation:



QUESTION 19

Which two differentiate the Cisco Nexus 2148T and Cisco Nexus 2248T Fabric Extenders? (Choose two.)

- A. The Cisco Nexus 2148T supports 1-Gb access speed on all 48 host ports.
- B. The Cisco Nexus 2148T supports 100-Mb and 1-Gb access speed on all 48 host ports.
- C. The Cisco Nexus 2148T supports FCoE on all 48 host ports.
- D. The Cisco Nexus 2248T supports 1-Gb access speed on all 48 host ports.
- E. The Cisco Nexus 2248T supports 100-Mb and 1-Gb access speed on all 48 host ports.

Correct Answer: AE

Section: Nexus
Explanation

Explanation/Reference:
Explanation:

QUESTION 20

Which Cisco Nexus 2000 Series Fabric Extender supports FCoE?

- A. 2148T
- B. 2224T
- C. 2248T
- D. 2248TP
- E. 2232PP
- F. 2232TM

Correct Answer: E

Section: Nexus

Explanation

Explanation/Reference:

Explanation:

QUESTION 21

Which four Cisco Nexus 2000 Series Fabric Extenders support host port channels? (Choose four.)

- A. 2148T
- B. 2224T
- C. 2248T
- D. 2248TP
- E. 2232PP
- F. 2232TM

Correct Answer: CDEF

Section: Nexus

Explanation

Explanation/Reference:

Explanation:

QUESTION 22

Which three Cisco Nexus 2000 Series Fabric Extenders include four 10GE fabric connections to the upstream switch? (Choose three.)

- A. 2148T

- B. 2224T
- C. 2248T
- D. 2248TP
- E. 2232PP
- F. 2232TM

Correct Answer: ACD

Section: Nexus

Explanation

Explanation/Reference:

Explanation:

QUESTION 23

What is the licensing grace period allowed on Cisco Nexus 7000 Series Switches?

- A. 30 days
- B. 60 days
- C. 90 days
- D. 120 days
- E. 150 days
- F. 180 days



Correct Answer: D

Section: Nexus

Explanation

Explanation/Reference:

Explanation:

QUESTION 24

Which two Cisco Nexus 2000-Series Fabric Extenders support connections to both Cisco Nexus 5000 Series switches and Cisco Nexus 7000 Series Switches? (Choose two.)

- A. Cisco Nexus 2248TP
- B. Cisco Nexus 2248TP-E
- C. Cisco Nexus 2232PP
- D. Cisco Nexus 2232TM

Correct Answer: AC

Section: Nexus

Explanation

Explanation/Reference:

Explanation:

QUESTION 25

Which IEEE protocol allows Ethernet to operate as a lossless fabric?

- A. Priority-based Flow Control (802.1Qbb)
- B. Enhanced Transmission Selection (802.1Qaz)
- C. Bandwidth Demand Circuit (802.1Qax)
- D. Quantized Congestion Control (802.1Qau)
- E. Data Center Bridging Exchange (802.1Qab)

Correct Answer: A

Section: Nexus

Explanation

Explanation/Reference:

Explanation:

QUESTION 26

Which two are controls between initiators and targets on a Fibre Channel network? (Choose two.)

- A. Fibre Channel fencing
- B. LUN masking
- C. zoning
- D. access control list
- E. port security

Correct Answer: BC

Section: Storage

Explanation

Explanation/Reference:

Explanation:

QUESTION 27

Which command would you use to determine the serial number used to apply for a Product Activation Key?

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

Correct Answer: E

Section: Storage

Explanation

Explanation/Reference:

Explanation:

QUESTION 28

Which is the correct port type for a Fibre Channel HBA connected to a Fibre Channel hub?

- A. H_Port
- B. N_Port
- C. E_Port
- D. NL_Port
- E. NP_Port
- F. FL-Port

Correct Answer: D

Section: Storage

Explanation

Explanation/Reference:

Explanation:

QUESTION 29

Which four are valid options for connecting a host to data center storage? (Choose four.)

- A. Telnet

- B. SSH
- C. iSCSI
- D. Fibre Channel
- E. NFS
- F. CIFS

Correct Answer: CDEF

Section: Storage

Explanation

Explanation/Reference:

Explanation:

QUESTION 30

Which two are valid block-based storage protocols? (Choose two.)

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

Correct Answer: CD

Section: Storage

Explanation

Explanation/Reference:

Explanation:

QUESTION 31

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

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

F. CIFS

Correct Answer: EF

Section: Storage

Explanation

Explanation/Reference:

Explanation:

QUESTION 32

Which command would you use to determine whether a Fibre Channel HBA is logged into a Cisco MDS switch?

- A. MDS-A# show host login
- B. MDS-A# show host data
- C. MDS-A# show flogi database
- D. MDS-A# show host-id
- E. MDS-A# show host fcid

Correct Answer: C

Section: Storage

Explanation

Explanation/Reference:

Explanation:

QUESTION 33

Which command would you use to determine which hosts were Fibre Channel targets?

- A. MDS-A# show host login
- B. MDS-A# show host database
- C. MDS-A# show flogi database
- D. MDS-A# show host-id
- E. MDS-A# show fcns database

Correct Answer: E

Section: Storage

Explanation

Explanation/Reference:

Explanation:

QUESTION 34

Which is the maximum number of active zone sets on Cisco MDS 9500 Series Fibre Channel Switches?

- A. 1 with all licenses
- B. 2 with Standard Zoning license
- C. 3 with Enhanced Zoning license
- D. 4 with Enterprise Zoning license

Correct Answer: A

Section: Storage

Explanation

Explanation/Reference:

Explanation:

QUESTION 35

Which configuration elements that are selected during initial setup are unique to Cisco MDS 9000 series Fibre Channel switches? (Choose two.)

- A. Time and Date
- B. Management IP address
- C. Default Zoneset distribution
- D. Enforce password complexity
- E. Default switchport mode F

Correct Answer: CE

Section: Storage

Explanation

Explanation/Reference:

Explanation:

QUESTION 36

Which is a structure that provides the equivalent of physical fabric separation in Cisco MDS 9000 Series Fibre Channel Switches?

- A. VLAN
- B. VSAN
- C. Zone

- D. FLOGI
- E. LUN

Correct Answer: B
Section: Storage
Explanation

Explanation/Reference:
Explanation:

QUESTION 37

Which would you use to determine what physical ports are assigned to VSAN 10?

- A. MDS-A# show vsan 10
- B. MDS-A# show vsan 10 database
- C. MDS-A# show vsan 10 ports
- D. MDS-A# show vsan 10 membership
- E. MDS-A# show fcns 10 database

Correct Answer: D
Section: Storage
Explanation

Explanation/Reference:
Explanation:

QUESTION 38

Which RAID level is associated with two dedicated parity drives?

- A. RAID 0
- B. RAID 1
- C. RAID 3
- D. RAID 4
- E. RAID 5
- F. RAID 6

Correct Answer: F
Section: Storage

Explanation**Explanation/Reference:**

Explanation:

QUESTION 39

Which three are benefits of server virtualization? (Choose three.)

- A. better server utilization
- B. increased network visibility
- C. decreased complexity
- D. uniform hardware presented to operating systems
- E. physical resource sharing

Correct Answer: ADE

Section: UCS

Explanation**Explanation/Reference:**

Explanation:

**QUESTION 40**

Which three are benefits of virtual machines? (Choose three.)

- A. dedicated LAN NIC
- B. dedicated SAN HBA
- C. resource partitioning
- D. hardware abstraction
- E. virtual machine isolation

Correct Answer: CDE

Section: UCS

Explanation**Explanation/Reference:**

Explanation:

QUESTION 41

Which three are required components of a Cisco Nexus 1000V deployment? (Choose three.)

- A. Adapter FEX
- B. Virtual Ethernet Module
- C. Virtual Fibre Channel Module
- D. Virtual Supervisor Module
- E. License key
- F. VM-Fex

Correct Answer: BDE

Section: Nexus

Explanation

Explanation/Reference:

Explanation:

QUESTION 42

Which five Cisco Nexus 1000V Series Switch features exceed the functionality of the VMware vNetwork Distributed Switch? (Choose five.)

- A. private VLANs
- B. port state migration
- C. access control lists
- D. port security
- E. SPAN
- F. ERSPAN
- G. QoS marking



Correct Answer: CDEFG

Section: Nexus

Explanation

Explanation/Reference:

Explanation:

QUESTION 43

Which interface provides heartbeat messages between the VSM and VEM?

- A. control
- B. management

- C. packet
- D. backplane
- E. SVI

Correct Answer: A

Section: Nexus

Explanation

Explanation/Reference:

Explanation:

QUESTION 44

Which commands issued on the Cisco Nexus 1000V VSM push the port profile named VMdata to the VMware vCenter server?

- A. N1000v-VSM(config)# port-profile VMdata
N1000v-VSM(config-port-prof)# no shutdown
- B. N1000v-VSM(config)# port-profile VMdata
N1000v-VSM(config-port-prof)# push profile
- C. N1000v-VSM(config)# port-profile VMdata
N1000v-VSM(config-port-prof)# state enabled
- D. N1000v-VSM(config)# port-profile VMdata
N1000v-VSM(config-port-prof)# update profile



Correct Answer: C

Section: Nexus

Explanation

Explanation/Reference:

Explanation:

QUESTION 45

Which command issued on the Cisco Nexus 1000V VSM validates the connection to the VMware vCenter server?

- A. N1000v-VSM# show vmware-vim
- B. N1000v-VSM# show connections vmware
- C. N1000v-VSM# show svcs connections
- D. N1000v-VSM# show vcenter status

Correct Answer: C

Section: Nexus
Explanation

Explanation/Reference:
Explanation:

QUESTION 46

Which command issued on the Cisco Nexus 1000V VSM displays the connected VEMs?

- A. N1000v-VSM# show vem
- B. N1000v-VSM# vem status
- C. N1000v-VSM# show module
- D. N1000v-VSM# show vem status
- E. N1000v-VSM# show vem inventory

Correct Answer: C

Section: Nexus
Explanation

Explanation/Reference:
Explanation:



QUESTION 47

Which ports on the Cisco UCS 6120XP Fabric Interconnects can operate at either 1 Gb/s or 10 Gb/s?

- A. Ports 1'4
- B. None
- C. Ports 1'6
- D. Ports 1'8
- E. Ports 17'20

Correct Answer: D

Section: UCS
Explanation

Explanation/Reference:
Explanation:

QUESTION 48

Which adapters for Cisco UCS B-Series blade servers and C-Series rack servers allow configuration of virtual interfaces? (Choose four.)

- A. M71-KR
- B. M81-KR
- C. VIC-1240
- D. VIC-1280
- E. P61E
- F. P71E
- G. P81E

Correct Answer: BCDG

Section: UCS

Explanation

Explanation/Reference:

Explanation:

QUESTION 49

Which three are the three primary methods to configure Cisco UCS B-Series systems? (Choose three.)

- A. SNMP
- B. XML API
- C. UCS Manager GUI
- D. IPMI
- E. UCS Manager CLI
- F. CIM-XML

Correct Answer: BCE

Section: UCS

Explanation

Explanation/Reference:

Explanation:

QUESTION 50

Which three are the names of configuration tabs that appear in the Navigation Pane of the UCS Manager GUI? (Choose three.)

- A. VLAN

- B. LAN
- C. VSAN
- D. Policies
- E. Equipment
- F. Global
- G. Admin

Correct Answer: BEG

Section: UCS

Explanation

Explanation/Reference:

Explanation:

QUESTION 51

Which three items in Cisco Unified Computing System are subject to finite state machine validation? (Choose three.)

- A. SNMP get
- B. local login
- C. server discovery
- D. firmware downloads
- E. server boot
- F. backup jobs



Correct Answer: CDF

Section: UCS

Explanation

Explanation/Reference:

Explanation:

QUESTION 52

Which feature monitors state transitions of components and processes in Cisco Unified Computing System?

- A. finite state machine
- B. state monitor
- C. state manager
- D. discovery

E. logical state arbiter

Correct Answer: A

Section: UCS

Explanation

Explanation/Reference:

Explanation:

QUESTION 53

What are the three basic states of an Ethernet interface on a Cisco Unified Computing System Fabric Interconnect? (Choose three.)

- A. unconfigured
- B. enabled
- C. disabled
- D. uplink
- E. server
- F. errdisabled

Correct Answer: ADE

Section: UCS

Explanation

Explanation/Reference:

Explanation:

QUESTION 54

Which three are components of the Cisco Unified Computing System 2104 I/O Module? (Choose three.)

- A. multiplexer
- B. chassis management console
- C. chassis management switch
- D. finite state machine
- E. chassis management controller

Correct Answer: ACE

Section: UCS

Explanation



Explanation/Reference:

Explanation:

QUESTION 55

Which two modes of setup are offered on the initial setup script on a Cisco UCS Fabric Interconnect? (Choose two.)

- A. Restore
- B. Setup
- C. Console
- D. Serial
- E. Management 0

Correct Answer: AB

Section: UCS

Explanation

Explanation/Reference:

Explanation:

QUESTION 56

Which requirement is unique to service profile templates?

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

Correct Answer: C

Section: UCS

Explanation

Explanation/Reference:

Explanation:

QUESTION 57

Which component of Cisco UCS B-Series is also referred to as a FEX?

- A. UCS 5108
- B. UCS 2104XP
- C. UCS 6248UP
- D. UCS 6120
- E. UCS MK72-KR

Correct Answer: B

Section: UCS

Explanation

Explanation/Reference:

Explanation:

QUESTION 58

Which statement is true regarding Cisco Unified Computing System Fabric Interconnect cluster configuration?

- A. A Cisco Unified Computing System Fabric Interconnect cluster can contain up to two peers for redundancy.
- B. A Cisco Unified Computing System Fabric Interconnect cluster can contain up to three peers for redundancy.
- C. A Cisco Unified Computing System Fabric Interconnect cluster can contain up to four peers for redundancy.
- D. A Cisco Unified Computing System Fabric Interconnect cluster can contain up to six peers for redundancy.

Correct Answer: A

Section: UCS

Explanation

Explanation/Reference:

Explanation:

QUESTION 59

On which layer of the tiered data center architecture do service modules such as FWSM, ACE, and WAAS typically appear?

- A. access
- B. services
- C. aggregation
- D. transport
- E. network
- F. core

Correct Answer: C

Section: Other

Explanation

Explanation/Reference:

Explanation:

QUESTION 60

What is the principle function of the data center core layer?

- A. repeater
- B. high-speed packet switching
- C. access control
- D. firewalling and intrusion prevention
- E. services layer
- F. QoS marking

Correct Answer: B

Section: Other

Explanation

Explanation/Reference:

Explanation:

QUESTION 61

Which is a function of the data center access layer?

- A. repeater
- B. high-speed packet switching
- C. access control
- D. firewalling and Intrusion Prevention
- E. services layer
- F. QoS marking

Correct Answer: F

Section: Other

Explanation

Explanation/Reference:

Explanation:

QUESTION 62

Which vPC connection creates the illusion of a single control plane?

- A. vPC overlay link
- B. vPC peer link
- C. vPC keepalive link
- D. vPC control link
- E. vPC management link

Correct Answer: B

Section: Nexus

Explanation

Explanation/Reference:

Explanation:

QUESTION 63

Where does the data plane operate on a Cisco Nexus 7000 Series Switch?

- A. unified crossbar fabric
- B. unified port controller
- C. supervisor module
- D. Policy Feature Card
- E. Connectivity Management Processor

Correct Answer: A

Section: Nexus

Explanation

Explanation/Reference:

Explanation:

QUESTION 64

Which port type pair is used to connect FCoE switches in multihop FCoE?

- A. N to F

- B. VF to VN
- C. VE to VE
- D. TE to TE
- E. NL to NF

Correct Answer: C
Section: Storage
Explanation

Explanation/Reference:
Explanation:

QUESTION 65

What is the purpose of the Destination VIF field in the VNTag header?

- A. identify the physical satellite port on a Cisco Nexus 2000 Series fabric extender
- B. identify the virtual satellite port on a Cisco Nexus 2000 Series fabric extender
- C. identify the physical satellite port on a Cisco Nexus 7000 Series Switch
- D. identify the fabric port on a Cisco Nexus 2000 Series fabric extender

Correct Answer: A
Section: Nexus
Explanation

Explanation/Reference:
Explanation:

QUESTION 66

Which is the complementary endpoint to a SCSI target?

- A. source
- B. origin
- C. host endpoint
- D. initiator
- E. successor

Correct Answer: D
Section: Storage

Explanation**Explanation/Reference:**

Explanation:

QUESTION 67

Which is the correct command to install a feature license on Cisco MDS 9100 Series Fibre Channel Switches?

- A. MDS-A# install license bootflash:license_file.lic
- B. MDS-A# copy license bootflash:license_file.lic running-config
- C. MDS-A# install feature bootflash:license_file.lic
- D. MDS-A# copy feature bootflash:license_file.lic running-config
- E. MDS-A# update license pool bootflash:license_file.lic

Correct Answer: A

Section: Storage

Explanation**Explanation/Reference:**

Explanation:

**QUESTION 68**

Which is the correct port mapping for a Fibre Channel HBA connected to a Cisco MDS Fibre Channel switch?

- A. H_Port to N_Port
- B. N_Port to S_Port
- C. H_Port to S_Port
- D. N_Port to F_Port
- E. H_Port to F_Port

Correct Answer: D

Section: Storage

Explanation**Explanation/Reference:**

Explanation:

QUESTION 69

Which is employed by Cisco Nexus 7000 switching products to create multiple logical switches?

- A. VLAN
- B. VTP
- C. VRF
- D. VDC
- E. vPC

Correct Answer: D

Section: Nexus

Explanation

Explanation/Reference:

Explanation:

QUESTION 70

Which method of virtualization requires significant modification to the guest operating system?

- A. full virtualization
- B. paravirtualization
- C. partial virtualization
- D. hypervisor virtualization
- E. host virtualization
- F. storage virtualization
- G. LAN virtualization



Correct Answer: B

Section: UCS

Explanation

Explanation/Reference:

Explanation:

QUESTION 71

Which is the default Predictor in the Cisco ACE 4710 Appliance?

- A. least loaded
- B. round robin
- C. hash cookie

- D. least bandwidth
- E. least connections

Correct Answer: B

Section: Other

Explanation

Explanation/Reference:

Explanation:

QUESTION 72

What is the maximum number of Cisco ACE GSS 4400 Series Appliances that can be part of a high-availability mesh?

- A. 16
- B. 8
- C. 4
- D. 3
- E. 12
- F. 14

Correct Answer: B

Section: Other

Explanation

Explanation/Reference:

Explanation:

QUESTION 73

When the typical TCP congestion avoidance process is engaged due to congestion, by what percentage is the congestion window reduced?

- A. 12%
- B. 25%
- C. 50%
- D. 75%
- E. 100% (send zero window)

Correct Answer: C

Section: Other

Explanation

Explanation/Reference:

Explanation:

QUESTION 74

HOTSPOT

Instructions

- Go through NX-OS CLI captures in Exhibits 1 through 5 to answer the questions.
- **THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION.**
- To access the multiple-choice questions, click the numbered boxes at 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

The customer is planning to deploy OTV and is currently verifying OTV configuration in the test lab environment. Go through the topology and Exhibits 1 though 5 to answer the questions.

Topology

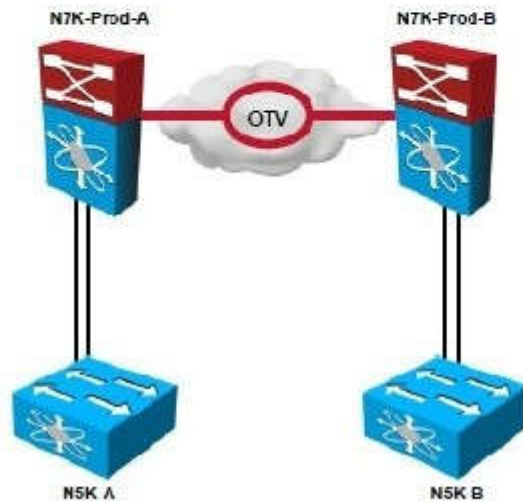


Exhibit1

```
Nexus-7010-PROD-A# show license usage
```

Feature Count	Ins	Lic	Status	Expiry Date	Comments
MPLS_PKG	No	-	Unused	-	-
STORAGE-ENT	No	-	Unused	-	-
ENTERPRISE_PKG	No	-	Unused	-	-
FCOE-N7K-F132XP	No	0	Unused	-	-
ENHANCED_LAYER2_PKG	Yes	-	Unused	Never	-
SCALABLE_SERVICES_PKG	No	-	Unused	-	-
TRANSPORT_SERVICES_PKG	Yes	-	In use	Never	-
LAN_ADVANCED_SERVICES_PKG	Yes	-	Unused	Never	-
LAN_ENTERPRISE_SERVICES_PKG	Yes	-	Unused	Never	-

```
Nexus-7010-PROD-A#
```

Exhibit2

```
Nexus-7010-PROD-A# show vlan
```

```
F103-Nexus-7010-PROD-A# show vlan
```

VLAN Name	Status	Ports
1 default	active	Po7, Po71, Po72, Eth2/1, Eth2/2 Eth2/3, Eth2/4, Eth2/5, Eth2/6 Eth2/7, Eth2/8, Eth2/10, Eth2/11 Eth2/12, Eth2/25, Eth2/26
10 OTV Extended VLAN	active	Po7, Po71, Po72, Eth2/7, Eth2/8 Eth2/11, Eth2/12, Eth3/3
13 OTV-Site-VLAN	active	Po7, Po71, Po72, Eth2/7, Eth2/8 Eth2/9

```
----remaining output removed----
```

Exhibit3

Nexus-7010-PROD-A# show otv route

OTV Unicast MAC Routing Table For Overlay1

VLAN	MAC-Address	Metric	Uptime	Owner	Next-hop(s)
10	547f.ee5c.6efc	1	00:06:43	site	Ethernet2/5
10	547f.ee5c.763c	1	00:05:37	site	Ethernet2/11
10	64a0.e743.03c3	1	00:06:17	site	Ethernet2/11
10	c464.13ba.fe9e	1	00:26:13	site	Ethernet2/11

Nexus-7010-PROD-A#

Exhibit4

F103-Nexus-7010-PROD-A# show mac address-table learning-mode

Vlan	Learning Mode
1	Non-Conversational-Learning
42	Conversational-Learning
110	Non-Conversational-Learning
113	Non-Conversational-Learning
114	Non-Conversational-Learning
211	Non-Conversational-Learning
212	Non-Conversational-Learning



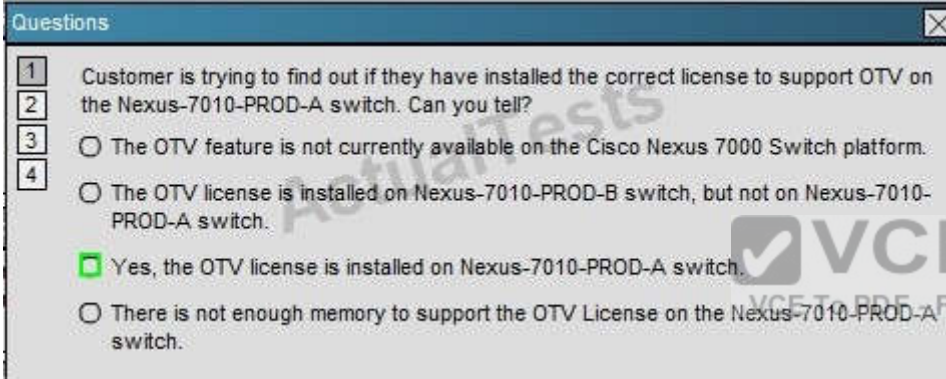
Questions

- 1 Customer is trying to find out if they have installed the correct license to support OTV on the Nexus-7010-PROD-A switch. Can you tell?
- 2 The OTV feature is not currently available on the Cisco Nexus 7000 Switch platform.
- 3 The OTV license is installed on Nexus-7010-PROD-B switch, but not on Nexus-7010-PROD-A switch.
- 4 Yes, the OTV license is installed on Nexus-7010-PROD-A switch.
- There is not enough memory to support the OTV License on the Nexus-7010-PROD-A switch.

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

Correct Answer: C
Section: HOT SPOT
Explanation

Explanation/Reference:



The screenshot shows a window titled "Questions" with a close button. It contains a question and four options. The question asks if the correct license for OTV is installed on a Nexus-7010-PROD-A switch. The options are: 1) The OTV feature is not currently available on the Cisco Nexus 7000 Switch platform. 2) The OTV license is installed on Nexus-7010-PROD-B switch, but not on Nexus-7010-PROD-A switch. 3) Yes, the OTV license is installed on Nexus-7010-PROD-A switch. 4) There is not enough memory to support the OTV License on the Nexus-7010-PROD-A switch. Option 3 is selected with a green checkbox.

Explanation:

Yes, the OTV license is installed on Nexus-7010-PRO-A switch From a licensing perspective, OTV support requires the use of the new Transport Services (TRS) license which we can see is installed.

QUESTION 75
HOTSPOT

Instructions

- Go through NX-OS CLI captures in Exhibits 1 through 5 to answer the questions.
- **THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION.**
- To access the multiple-choice questions, click the numbered boxes at 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

The customer is planning to deploy OTV and is currently verifying OTV configuration in the test lab environment. Go through the topology and Exhibits 1 though 5 to answer the questions.

Topology

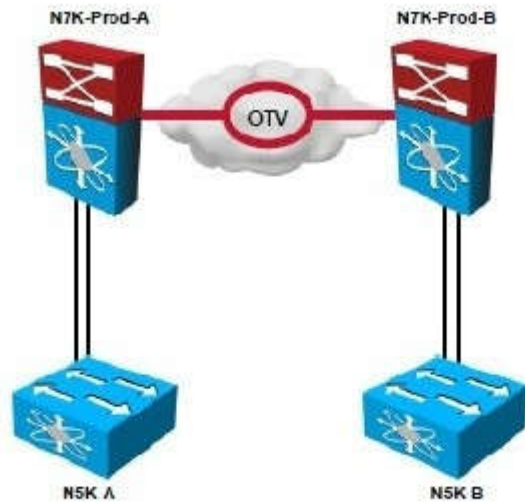


Exhibit1

```

Nexus-7010-PROD-A# show license usage

Feature                Ins Lic  Status Expiry Date Comments
Count
-----
MPLS_PKG               No  -   Unused          -
STORAGE-ENT            No  -   Unused          -
ENTERPRISE_PKG         No  -   Unused          -
FCOE-N7K-F132XP       No  0   Unused          -
ENHANCED_LAYER2_PKG   Yes -   Unused Never         -
SCALABLE_SERVICES_PKG No  -   Unused          -
TRANSPORT_SERVICES_PKG Yes -   In use Never         -
LAN_ADVANCED_SERVICES_PKG Yes -   Unused Never         -
LAN_ENTERPRISE_SERVICES_PKG Yes -   Unused Never         -
-----
Nexus-7010-PROD-A#
  
```

Exhibit2

```

Nexus-7010-PROD-A# show vlan

F103-Nexus-7010-PROD-A# show vlan

VLAN Name                Status    Ports
-----
1    default                active    Po7, Po71, Po72, Eth2/1, Eth2/2
                                         Eth2/3, Eth2/4, Eth2/5, Eth2/6
                                         Eth2/7, Eth2/8, Eth2/10, Eth2/11
                                         Eth2/12, Eth2/25, Eth2/26
10   OTV Extended VLAN       active    Po7, Po71, Po72, Eth2/7, Eth2/8
                                         Eth2/11, Eth2/12, Eth3/3
13   OTV-Site-VLAN           active    Po7, Po71, Po72, Eth2/7, Eth2/8
                                         Eth2/9
----remaining output removed----
  
```

Exhibit3

```
Nexus-7010-PROD-A# show otv route
```

```
OTV Unicast MAC Routing Table For Overlay1
```

VLAN	MAC-Address	Metric	Uptime	Owner	Next-hop(s)
10	547f.ee5c.6efc	1	00:06:43	site	Ethernet2/5
10	547f.ee5c.763c	1	00:05:37	site	Ethernet2/11
10	64a0.e743.03c3	1	00:06:17	site	Ethernet2/11
10	c464.13ba.fe9e	1	00:26:13	site	Ethernet2/11

```
Nexus-7010-PROD-A#
```

Exhibit4

```
F103-Nexus-7010-PROD-A# show mac address-table learning-mode
```

Vlan	Learning Mode
1	Non-Conversational-Learning
42	Conversational-Learning
110	Non-Conversational-Learning
113	Non-Conversational-Learning
114	Non-Conversational-Learning
211	Non-Conversational-Learning
212	Non-Conversational-Learning

Questions ✕

1 What is an overlay interface in OTV?

2 The overlay interface is a physical interface that connects to the remote edge devices on the overlay network through an associated physical interface on the transport network.

3 The overlay interface is a logical interface that connects to the remote edge devices on the overlay network through an associated physical interface on the transport network.

4 The overlay interface is a logical interface that connects to the remote edge devices on the overlay network through an associated logical interface on the transport network.

The overlay interface is a physical interface that connects to the remote edge devices on the overlay network through an associated logical interface on the transport network.

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

Correct Answer: B
Section: HOT SPOT
Explanation

Explanation/Reference:

Questions

1 What is an overlay interface in OTV?

2 The overlay interface is a physical interface that connects to the remote edge devices on the overlay network through an associated physical interface on the transport network.

3 The overlay interface is a logical interface that connects to the remote edge devices on the overlay network through an associated physical interface on the transport network.

4 The overlay interface is a logical interface that connects to the remote edge devices on the overlay network through an associated logical interface on the transport network.

The overlay interface is a physical interface that connects to the remote edge devices on the overlay network through an associated logical interface on the transport network.

Explanation:

The overlay interface is a logical interface that connects to the remote edge devices on the overlay network through an associated physical interface on the transport network.

The overlay network consists of one or more logical overlay interfaces that are created on the edge device in each remote site that connects to the physical transport network.

Reference: http://www.cisco.com/en/US/docs/switches/datacenter/sw/nx-os/OTV/config_guide/b_Cisco_Nexus_7000_Series_NX-OS_OTV_Configuration_Guide_chapter_011.html#task_4CD4BC7B5C2140A1BD9619876E5A05

QUESTION 76

HOTSPOT

Instructions

- Go through NX-OS CLI captures in Exhibits 1 through 5 to answer the questions.
- **THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION.**
- To access the multiple-choice questions, click the numbered boxes at 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

The customer is planning to deploy OTV and is currently verifying OTV configuration in the test lab environment. Go through the topology and Exhibits 1 through 5 to answer the questions.

Topology

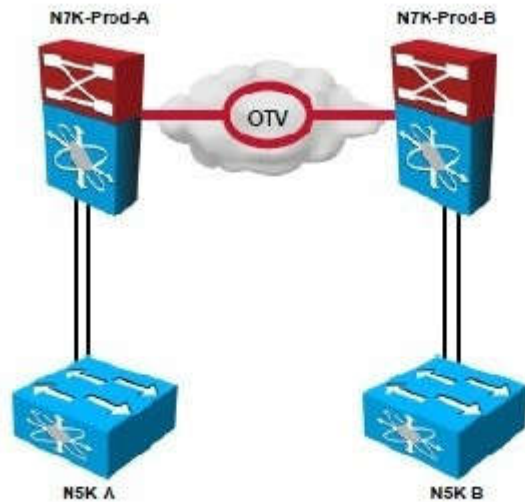


Exhibit1

```

Nexus-7010-PROD-A# show license usage

Feature                Ins Lic  Status Expiry Date Comments
Count
-----
MPLS_PKG               No  -   Unused          -
STORAGE-ENT            No  -   Unused          -
ENTERPRISE_PKG         No  -   Unused          -
FCOE-N7K-F132XP       No  0   Unused          -
ENHANCED_LAYER2_PKG   Yes -   Unused Never         -
SCALABLE_SERVICES_PKG No  -   Unused          -
TRANSPORT_SERVICES_PKG Yes -   In use Never         -
LAN_ADVANCED_SERVICES_PKG Yes -   Unused Never         -
LAN_ENTERPRISE_SERVICES_PKG Yes -   Unused Never         -
-----
Nexus-7010-PROD-A#
  
```

Exhibit2

```

Nexus-7010-PROD-A# show vlan

F103-Nexus-7010-PROD-A# show vlan

VLAN Name                Status    Ports
-----
1    default                active    Po7, Po71, Po72, Eth2/1, Eth2/2
    Eth2/3, Eth2/4, Eth2/5, Eth2/6
    Eth2/7, Eth2/8, Eth2/10, Eth2/11
    Eth2/12, Eth2/25, Eth2/26
10   OTV Extended VLAN       active    Po7, Po71, Po72, Eth2/7, Eth2/8
    Eth2/11, Eth2/12, Eth3/3
13   OTV-Site-VLAN           active    Po7, Po71, Po72, Eth2/7, Eth2/8
    Eth2/9
----remaining output removed----
  
```

Exhibit3

Nexus-7010-PROD-A# show otv route

OTV Unicast MAC Routing Table For Overlay1

VLAN	MAC-Address	Metric	Uptime	Owner	Next-hop(s)
10	547f.ee5c.6efc	1	00:06:43	site	Ethernet2/5
10	547f.ee5c.763c	1	00:05:37	site	Ethernet2/11
10	64a0.e743.03c3	1	00:06:17	site	Ethernet2/11
10	c464.13ba.fe9e	1	00:26:13	site	Ethernet2/11

Nexus-7010-PROD-A#

Exhibit4

F103-Nexus-7010-PROD-A# show mac address-table learning-mode

Vlan	Learning Mode
1	Non-Conversational-Learning
42	Conversational-Learning
110	Non-Conversational-Learning
113	Non-Conversational-Learning
114	Non-Conversational-Learning
211	Non-Conversational-Learning
212	Non-Conversational-Learning



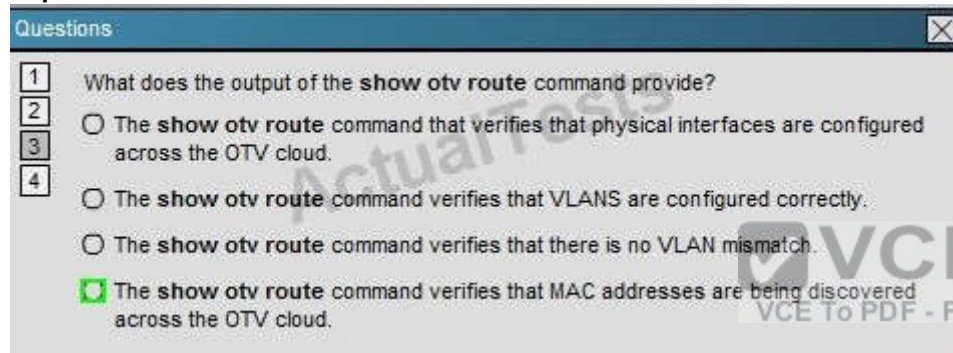
Questions

- 1 What does the output of the **show otv route** command provide?
- 2 The **show otv route** command that verifies that physical interfaces are configured across the OTV cloud.
- 3 The **show otv route** command verifies that VLANS are configured correctly.
- 4 The **show otv route** command verifies that there is no VLAN mismatch.
- The **show otv route** command verifies that MAC addresses are being discovered across the OTV cloud.

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

Correct Answer: D
Section: HOT SPOT
Explanation

Explanation/Reference:



1 What does the output of the **show otv route** command provide?

2 The **show otv route** command that verifies that physical interfaces are configured across the OTV cloud.

3 The **show otv route** command verifies that VLANS are configured correctly.

4 The **show otv route** command verifies that MAC addresses are being discovered across the OTV cloud.

Explanation:
the "show otv route" command verifies that MAC addresses are being discovered across the OTV cloud.

QUESTION 77
HOTSPOT

Instructions

- Go through NX-OS CLI captures in Exhibits 1 through 5 to answer the questions.
- **THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION.**
- To access the multiple-choice questions, click the numbered boxes at 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

The customer is planning to deploy OTV and is currently verifying OTV configuration in the test lab environment. Go through the topology and Exhibits 1 through 5 to answer the questions.

Topology

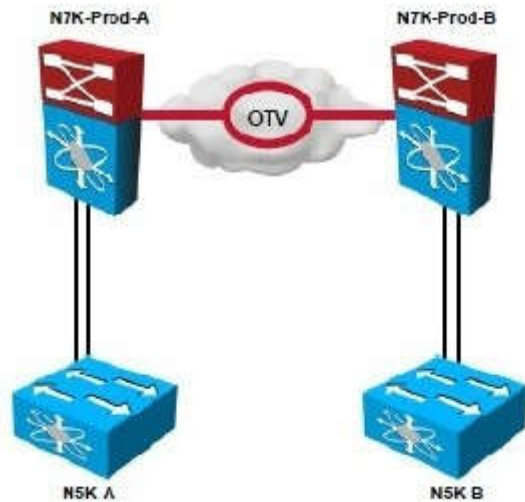


Exhibit1

```

Nexus-7010-PROD-A# show license usage

Feature                Ins Lic  Status Expiry Date Comments
Count
-----
MPLS_PKG               No  -   Unused          -
STORAGE-ENT            No  -   Unused          -
ENTERPRISE_PKG         No  -   Unused          -
FCOE-N7K-F132XP       No  0   Unused          -
ENHANCED_LAYER2_PKG   Yes -   Unused Never         -
SCALABLE_SERVICES_PKG No  -   Unused          -
TRANSPORT_SERVICES_PKG Yes -   In use Never         -
LAN_ADVANCED_SERVICES_PKG Yes -   Unused Never         -
LAN_ENTERPRISE_SERVICES_PKG Yes -   Unused Never         -
-----
Nexus-7010-PROD-A#
  
```

Exhibit2

```

Nexus-7010-PROD-A# show vlan

F103-Nexus-7010-PROD-A# show vlan

VLAN Name                Status    Ports
-----
1    default                active    Po7, Po71, Po72, Eth2/1, Eth2/2
                                Eth2/3, Eth2/4, Eth2/5, Eth2/6
                                Eth2/7, Eth2/8, Eth2/10, Eth2/11
                                Eth2/12, Eth2/25, Eth2/26
10   OTV Extended VLAN       active    Po7, Po71, Po72, Eth2/7, Eth2/8
                                Eth2/11, Eth2/12, Eth3/3
13   OTV-Site-VLAN           active    Po7, Po71, Po72, Eth2/7, Eth2/8
                                Eth2/9
----remaining output removed----
  
```

Exhibit3

Nexus-7010-PROD-A# show otv route

OTV Unicast MAC Routing Table For Overlay1

VLAN	MAC-Address	Metric	Uptime	Owner	Next-hop(s)
10	547f.ee5c.6efc	1	00:06:43	site	Ethernet2/5
10	547f.ee5c.763c	1	00:05:37	site	Ethernet2/11
10	64a0.e743.03c3	1	00:06:17	site	Ethernet2/11
10	c464.13ba.fe9e	1	00:26:13	site	Ethernet2/11

Nexus-7010-PROD-A#

Exhibit4

F103-Nexus-7010-PROD-A# show mac address-table learning-mode

Vlan	Learning Mode
1	Non-Conversational-Learning
42	Conversational-Learning
110	Non-Conversational-Learning
113	Non-Conversational-Learning
114	Non-Conversational-Learning
211	Non-Conversational-Learning
212	Non-Conversational-Learning

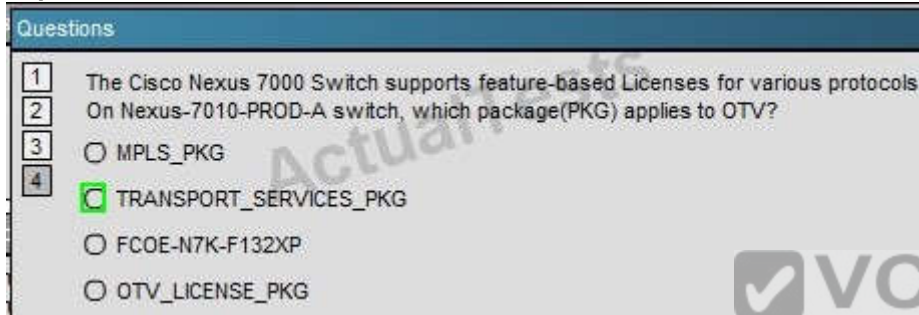

Questions

- 1 The Cisco Nexus 7000 Switch supports feature-based Licenses for various protocols.
- 2 On Nexus-7010-PROD-A switch, which package(PKG) applies to OTV?
- 3 MPLS_PKG
- 4 TRANSPORT_SERVICES_PKG
- FCOE-N7K-F132XP
- OTV_LICENSE_PKG

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

Correct Answer: B
Section: HOT SPOT
Explanation

Explanation/Reference:



Questions

1 The Cisco Nexus 7000 Switch supports feature-based Licenses for various protocols.

2 On Nexus-7010-PROD-A switch, which package(PKG) applies to OTV?

3 MPLS_PKG

4 TRANSPORT_SERVICES_PKG

FCOE-N7K-F132XP

OTV_LICENSE_PKG

Explanation: TRANSPORT_SERVICES_PKG

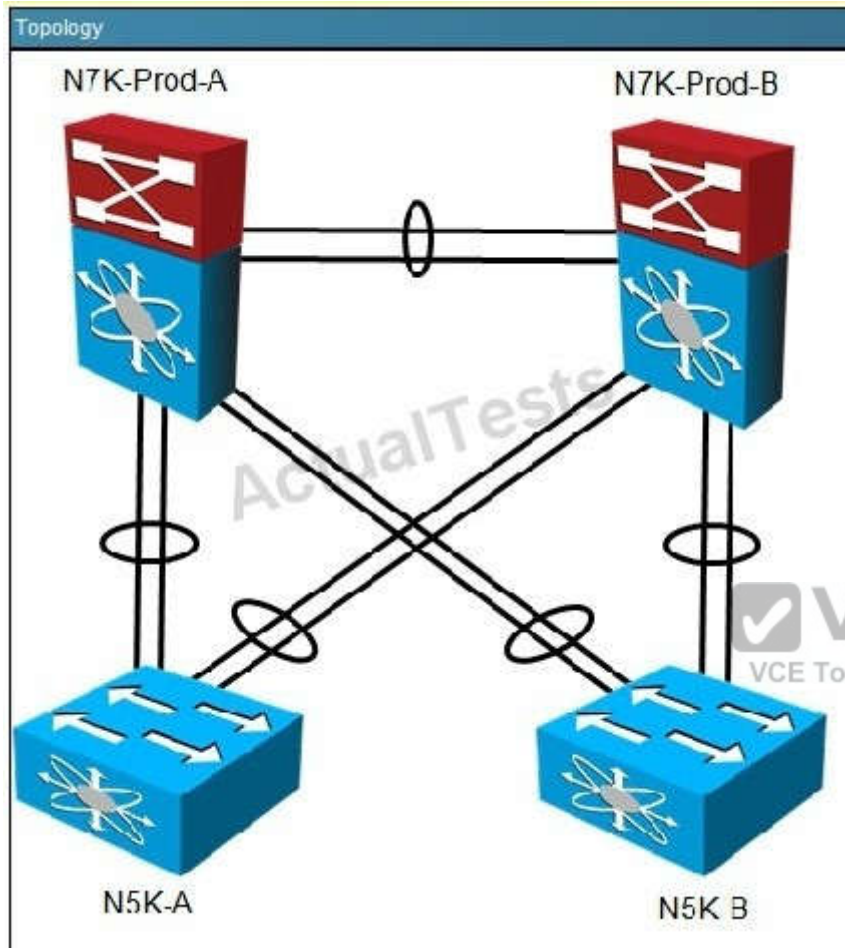
QUESTION 78
HOTSPOT

Instructions ✕

- **THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION.**
- Click N7K-Prod-A and N7K-Prod-B to gain console access. No console or enable passwords are required.
- To access the multiple-choice questions, click the numbered boxes on the left of the top panel.
- There are **four** multiple-choice questions with this task.

Scenario ✕

Customer is deploying two Cisco Nexus 7000 switches as their new data center core, as shown in the topology diagram. Click N7K-Prod-A and N7K-Prod-B icon to run show commands and answer the questions.



What is the vPC domain ID on N7K-Prod-A ?

- A. 6
- B. 9
- C. 1
- D. 11

Correct Answer: C

Section: HOT SPOT
Explanation

Explanation/Reference:

Questions

1 What is the vPC domain ID on N7K-Prod-A?

2 6

3 9

4 1

11

Explanation:
Use the "show vpc" command to see that the domain ID is 1.

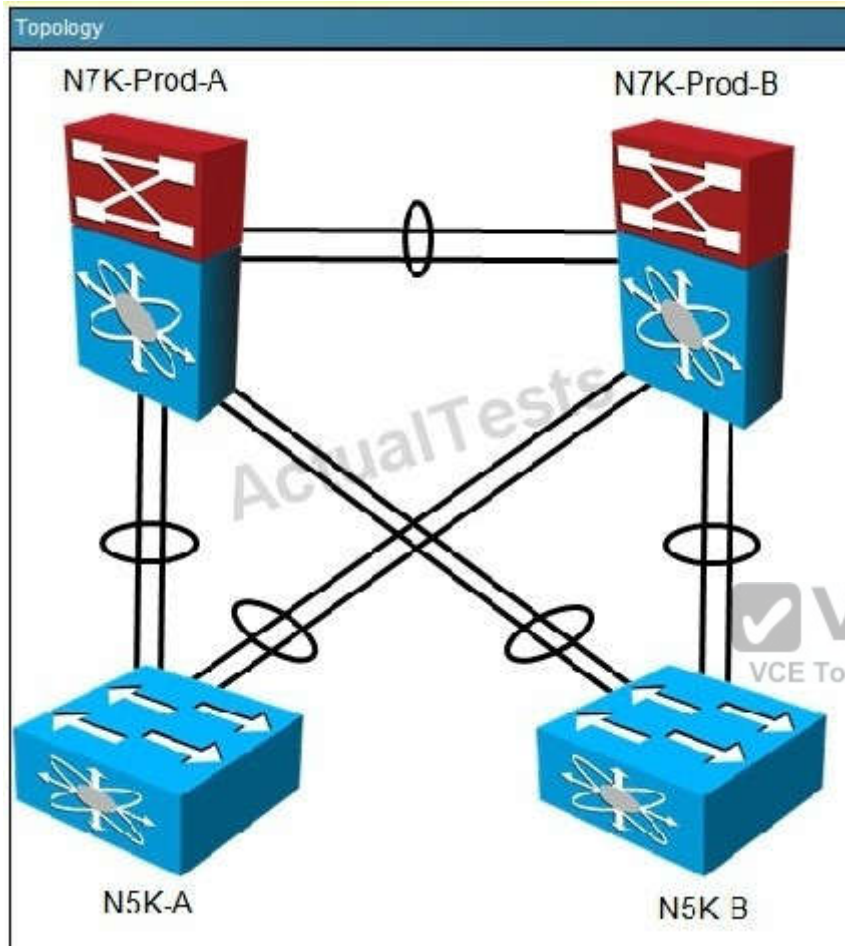
QUESTION 79
HOTSPOT

Instructions

- **THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION.**
- Click N7K-Prod-A and N7K-Prod-B to gain console access. No console or enable passwords are required.
- To access the multiple-choice questions, click the numbered boxes on the left of the top panel.
- There are four multiple-choice questions with this task.

Scenario

Customer is deploying two Cisco Nexus 7000 switches as their new data center core, as shown in the topology diagram. Click N7K-Prod-A and N7K-Prod-B icon to run show commands and answer the questions.

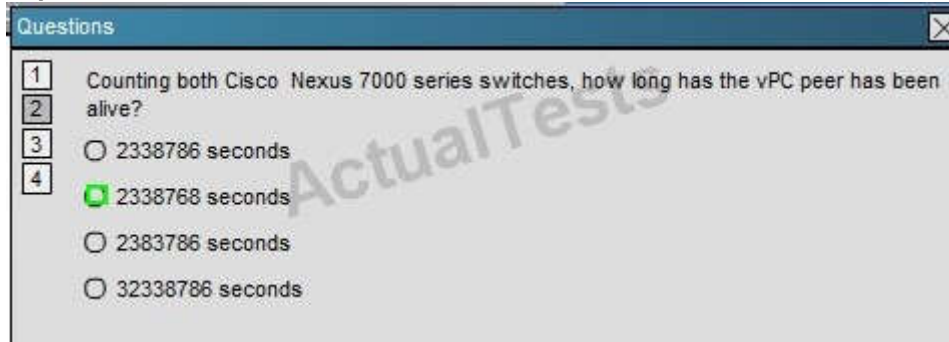


Counting both Cisco Nexus 7000 series switches, how long has the vPC peer been alive?

- A. 2338786 seconds
- B. 2338768 seconds
- C. 2383786 seconds
- D. 32338786 seconds

Correct Answer: B
Section: HOT SPOT
Explanation

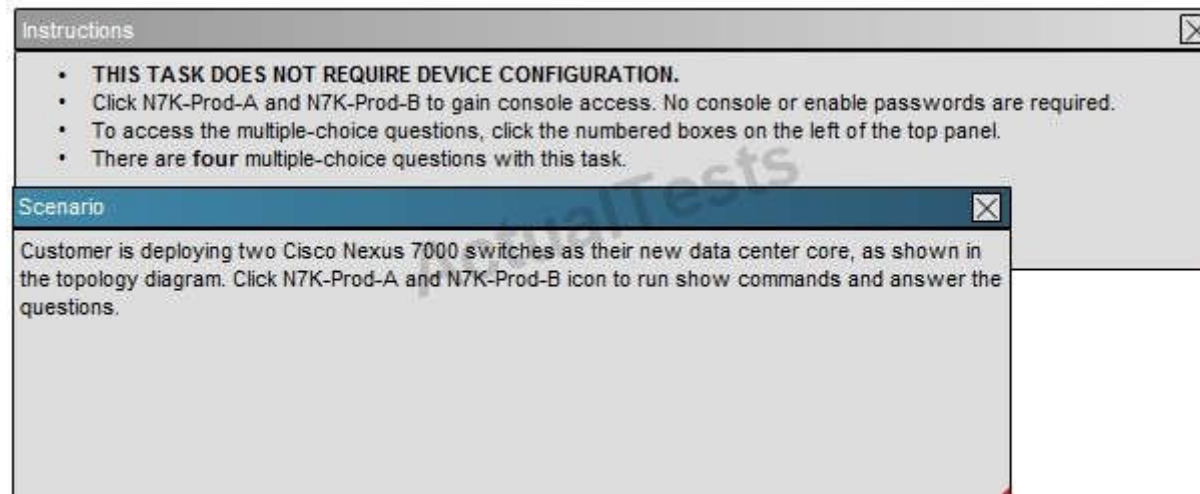
Explanation/Reference:

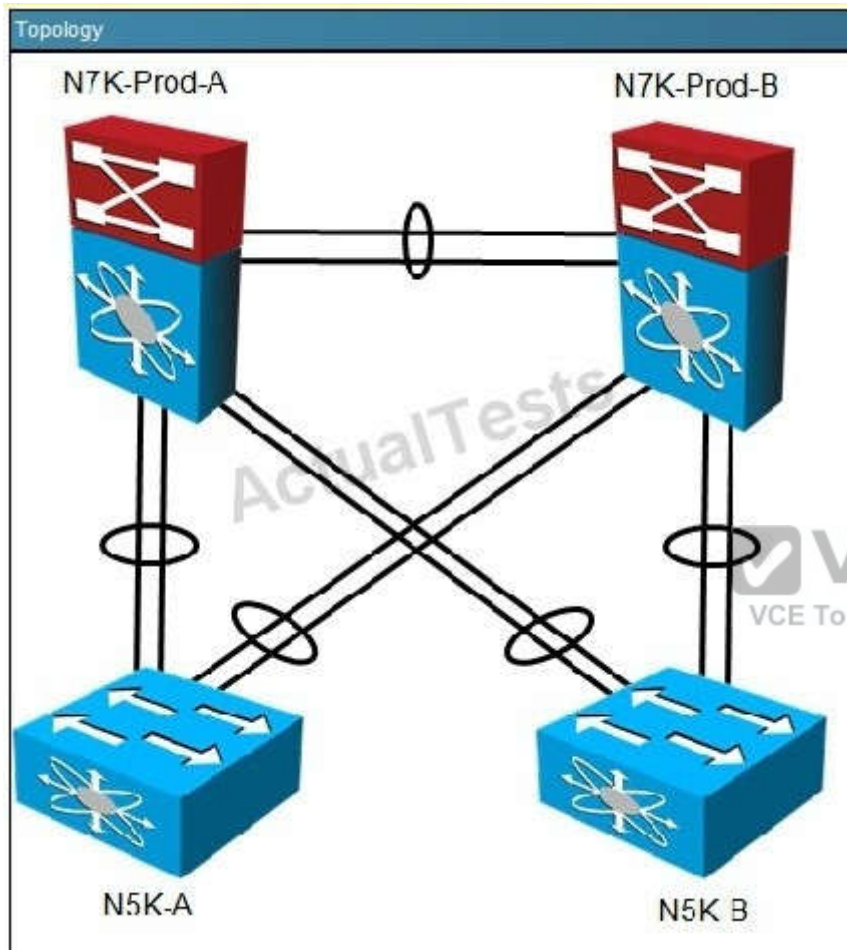


Explanation:
2338768 seconds

Use the "show vpc peer-keepalives" command to show vpc see the peer has been alive for 2338768 seconds.

QUESTION 80
HOTSPOT





Which Cisco Nexus 7000 Series Switch has the vPC role primary, and which Cisco Nexus 7000 Series Switch has the vPC role secondary?

- A. N7K-Prod-B has vPC primary, and N7K-Prod-A has vPC role secondary
- B. Both N7K-Prod-A and N7K-Prod-B have vPC role primary. Secondary vPC switch is not yet elected

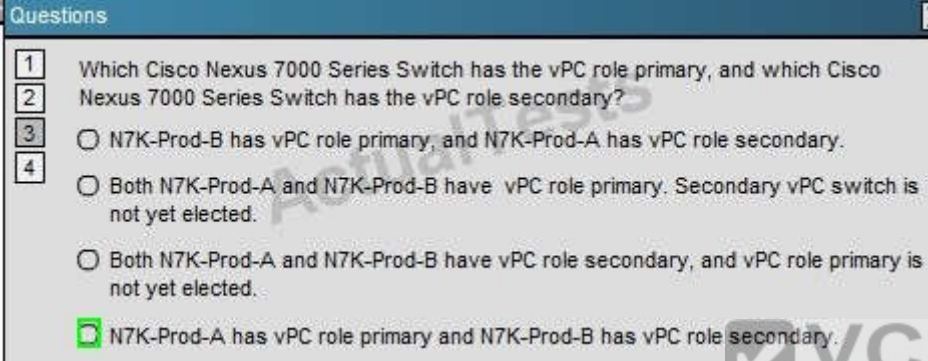
- C. Both N7K-Prod-A and N7K-Prod-B have vPC role secondary, and vPC role primary is not yet elected
- D. N7K-Prod-A has vPC primary, and N7K-Prod-B has vPC role secondary

Correct Answer: D

Section: HOT SPOT

Explanation

Explanation/Reference:



Questions

1 Which Cisco Nexus 7000 Series Switch has the vPC role primary, and which Cisco Nexus 7000 Series Switch has the vPC role secondary?

2

3 N7K-Prod-B has vPC role primary, and N7K-Prod-A has vPC role secondary.

4 Both N7K-Prod-A and N7K-Prod-B have vPC role primary. Secondary vPC switch is not yet elected.

Both N7K-Prod-A and N7K-Prod-B have vPC role secondary, and vPC role primary is not yet elected.

N7K-Prod-A has vPC role primary and N7K-Prod-B has vPC role secondary.

Explanation:

N7K-PROD-A has vPC role primary and N7K-PROD-B has vPC role secondary.

Use the "show vpc role" command on each switch to verify.

QUESTION 81

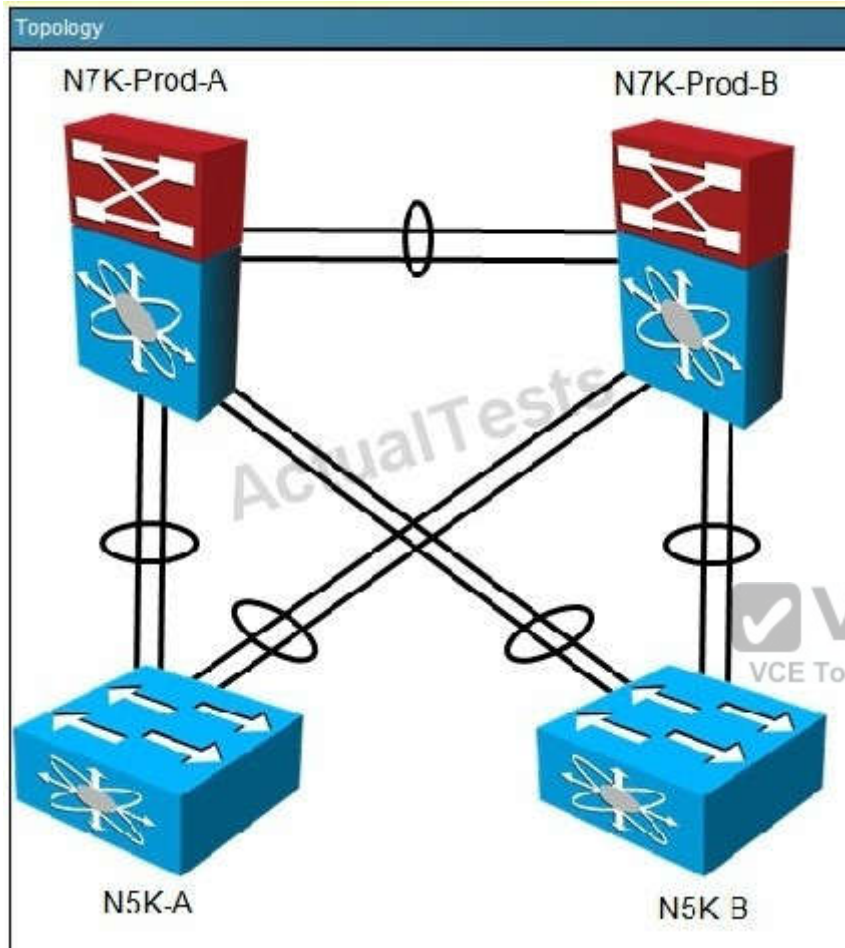
HOTSPOT

Instructions

- **THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION.**
- Click N7K-Prod-A and N7K-Prod-B to gain console access. No console or enable passwords are required.
- To access the multiple-choice questions, click the numbered boxes on the left of the top panel.
- There are **four** multiple-choice questions with this task.

Scenario

Customer is deploying two Cisco Nexus 7000 switches as their new data center core, as shown in the topology diagram. Click N7K-Prod-A and N7K-Prod-B icon to run show commands and answer the questions.



What is the vPC system-mac address?

- A. 00:23:04:ee:be:01
- B. 00:22:04:ee:be:01
- C. 00:23:04:ee:ee:01
- D. 01:23:04:ee:be:01

Correct Answer: A
Section: HOT SPOT
Explanation

Explanation/Reference:

Questions

1 What is the vPC system-mac address?

2 00:23:04:ee:be:01

3 00:22:04:ee:be:01

4 00:23:04:ee:ee:01

01:23:04:ee:be:01

Explanation:
00:23:04:ee:be:01

Use the "show vpc role" command to see the system-mac address.