350-601 Dumps

Implementing and Operating Cisco Data Center Core Technologies

https://www.certleader.com/350-601-dumps.html

NEW QUESTION 1
A customer needs a tool to take advantage of the CI/CD model to streamline its operation and optimize cost. The customer wants to integrate the solution with the cisco products it currently it currently uses, Including Cisco ACI networking and Cisco UCS servers. The solution should also provide on-premises Kubernetes and AppDynamics performance monitoring. Because of the security requirements, the solution not install a local client on products under management. which orchestration solution meets these requirements?

A. Cisco APIC
B. CISCO UCS director
C. Cisco DCNM
D. Cisco CloudCenter

Answer: D

NEW QUESTION 2
Which feature must be enabled to support the use of JSON and XML encoding when a Cisco Nexus 7000 series switch is deployed?

A. NX-API
B. LLDP
C. Open Agent Container
D. Bash shell

Answer: A

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus7000/sw/programmability/guide/ cisco_nexus7000_programmability_guide_8x/b-cisco-nexus7000-programmability-guide- 8x_chapter_011.html

NEW QUESTION 3
Refer to the exhibit.

```
UCS-A# scope eth-traffic-mon
UCS-A /eth-traffic-mon # scope fabric a
UCS-A /eth-traffic-mon/fabric # create eth-mon-session Monitor33
UCS-A /eth-traffic-mon/fabric/eth-mon-session/dest-interface* #
commit-buffer
UCS-A /eth-traffic-mon/fabric/eth-mon-session/dest-interface #


UCS-A# scope service-profile org / serviceprofile1
UCS-A /org/service-profile # scope vnic ether-dynamic-prot-008
UCS-A /org/service-profile/vnic # create mon-src Monitor23
UCS-A /org/service-profile/vnic/mon-src* # commit-buffer
UCS-A /org/service-profile/vnic/mon-src #


UCS-A# scope eth-traffic-mon
UCS-A /eth-traffic-mon # scope fabric a
UCS-A /eth-traffic-mon/fabric # scope eth-mon-session Monitor33
UCS-A /eth-traffic-mon/fabric/eth-mon-session # enable
UCS-A /eth-traffic-mon/fabric/eth-mon-session* # commit-buffer
```

Service degradation is reported on a VM that is deployed on a Cisco UCS blade server. The traffic from the vNIC is required to SPAN in both directions to a packet analyzer that is connected to UCS-A slot 2 port 12. Which two commands are needed to complete the configuration? (Choose two.)

A. UCS-A /org/service-profile/vnic/mon-src* # set direction both
B. UCS-A /eth-traffic-mon/fabric/eth-mon-session' # create dest-interface 2 12
C. UCS-A /org/service-profile/vnic/mon-src* # set direction receive transmit
D. UCS-A /eth-traffic-mon/fabric/eth-mon-session # activate
E. UCS-A /eth-traffic-mon/fabric/eth-mon-session* # create eth-mon-session/dest-interface 2 12

Answer: AB

Explanation:
https://www.cisco.com/en/US/docs/unified_computing/ucs/sw/cli/config/guide/1.4.1/ CLI_Config_Guide_1_4_1_chapter42.html

NEW QUESTION 4
A company is investigating different options for IT automation tools. The IT team has experience with python programming language and scripting using a declarative language. The proposed tool should be easy to set up and should not require installing an agent on target devices. The team will also need to build custom modules based on the python programming language to extend the tools functionality. Which automation tool should be used to meet these requirements?

A. Puppet
B. Ansible
C. NX-API
D. Chef

Answer: B

NEW QUESTION 5
Which solution provides remote and direct file-level access to users and systems?

A. direct-attached storage
B. Fibre Channel over Ethernet
C. storage area network
D. network-attached storage

Answer: D

NEW QUESTION 6
An engineer is implementing an import operation in Cisco UCS Manager. What is the impact of performing this operation?

A. A configuration can be imported from a higher release to a lower release.
B. Information can be modified on the management plane only.
C. Only a configuration file that was exported from the same Cisco UCS Manager can be imported.
D. An import operation can be scheduled.

Answer: B

Explanation:
The import function is available for all configuration, system configuration, and logical configuration files. You can perform an import while the system is up and running. An import operation modifies information on the management plane only. Some modifications caused by an import operation, such as a change to a vNIC assigned to a server, can cause a server reboot or other operations that disrupt traffic.
https://www.cisco.com/en/US/docs/unified_computing/ucs/sw/gui/config/guide/141/UCSM_GUI_Configuration

NEW QUESTION 7
An engineer creates a service profile in Cisco UCS Manager and must assign a policy that reboots blades when changes are applied. The changes must be applied only after user acknowledgment. Which two policies must be configured to meet these requirements? (Choose two.)

A. Boot Policy
B. Global Policy
C. Power Control Policy
D. Maintenance Policy
E. Reboot Policy

Answer: DE

Explanation:
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Admin-Managem

Maintenance Policy

The maintenance policy specifies how deploys the service profile changes. The deployment can occur in one of the following ways:

- Immediately

- When acknowledged by a user with administrator privileges

- Automatically at the time specified in a schedule

- On the next reboot or shutdown without waiting for the user acknowledgment or the timer scheduling option

Reboot Policy field

When a service profile is associated with a server, or when changes are made to a service profile that is already associated with a server, you must reboot the server to complete the process. The **Reboot Policy** field determines when the reboot occurs for servers associated with any service profiles that include this maintenance policy. This can be one of the following:

- **Immediate**—The server reboots automatically as soon as the service profile association is complete or when you save service profile changes.

- **User Ack**—You must explicitly acknowledge the pending activities for the changes made to the service profile to be applied to the associated server.

- **Timer Automatic**—Cisco UCS defers all service profile associations and changes until the maintenance window defined by the schedule shown in the **Schedule** field.

- **On Next Boot**—This option is used in combination with either **User Ack** or **Timer Automatic**. When the **On Next Boot** option is enabled, the host OS reboot, shutdown, and reset, or server reset and shutdown also triggers the associated FSM to apply the changes waiting for the **User Ack**, or the **Timer Automatic** maintenance window.

Note: De-selecting the On Next Boot option disables the Maintenance Policy on the BMC.

NEW QUESTION 8
An engineer is enabling port security on a Cisco MDS 9000 Series Switch. Which feature of enabling port security on a Cisco MDS 9000 Series Switch must be considered?

A. It always learns about switches that are logging in.
B. It can be distributed by using Cisco Fabric services.
C. It authorizes only the configured sWWN to participate in the fabric.
D. It binds the fabric at the switch level.

Answer: B

Explanation:

Port Security Configuration Distribution

The port security feature uses the Cisco Fabric Services (CFS) infrastructure to enable efficient database management, provide a single point of configuration for the entire fabric in the VSAN, and enforce the port security policies throughout the fabric.

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/6_2/configuration/guides/security/nx-o

NEW QUESTION 9
An engineer needs to Implement a solution that prevents loops from occurring accidentally by connecting a switch to interface Ethemet1/1. The port Is designated to be used tor host connectivity. What configuration should be implemented?

```
switch# configure terminal
switch(config)# interface Ethernet1/1
switch(config-if)# spanning-tree guard loop
```

```
switch# configure terminal
switch(config)# interface Ethernet1/1
switch(config-if)# spanning-tree bpdufilter enable
```

```
switch# configure terminal
switch(config)# interface Ethernet1/1
switch(config-if)# spanning-tree bpduguard enable
```

```
switch# configure terminal
switch(config)# interface Ethernet1/1
switch(config-if)# spanning-tree loopguard default
```

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

Answer: C

NEW QUESTION 10
Drag and drop the firmware packages from the left onto the software bundles they belong to on the right.

Board controller firmware

BIOS firmware

Kernel and system firmware for Fabric Interconnects

CIMC firmware

I/O module firmware

Cisco UCS Manager software

Cisco UCS Infrastructure Software Bundle

Cisco UCS B-Series Blade Server Software Bundle

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Diagram Description automatically generated

NEW QUESTION 10
Which two methods are available to Manage an ACI REST API session authentication when a user is unauthenticated?

A. POST to aaaLogin
B. POST to aaaUserLogin
C. GET aaaRefresh
D. GET to aaaListDomains
E. DELETE to aaaLogout

Answer: AC

Explanation:
These API methods enable you to manage session authentication:
aaaLogin —Sent as a POST message, this method logs in a user and opens a session. The message body contains an aaa:User object with the name and password attributes, and the response contains a session token and cookie. If multiple AAA login domains are configured, you must prepend the user's name with apic: domain\\ .
aaaRefresh —Sent as a GET message with no message body or as a POST message with the aaaLogin message body, this method resets the session timer. The response contains a new session token and cookie.
aaaLogout —Sent as a POST message, this method logs out the user and closes the session. The message body contains an aaa:User object with the name attribute. The response contains an empty data structure.
aaaListDomains —Sent as a GET message, this method returns a list of valid AAA login domains. You can send this message without logging in.
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/rest_cfg/2_1_x/ b_Cisco_APIC_REST_API_Configuration_Guide/ b_Cisco_APIC_REST_API_Configuration_Guide_chapter_01.html

NEW QUESTION 12
Which statement about the MAC address that the FCoE Initialization Protocol chooses for use by an E-Node in an FCoE implementation is true?

A. The FCoE Initialization Protocol uses the burned-in MAC address of the converged network adapter for all FCoE operations.
B. The FCoE Initialization protocol uses a 24-bit FC-MAP and concatenates a 24-bit Fibre Channel ID to create a fibric-provided MAC address.
C. The FCoE Initialization Protocol uses 01.00.0C as the first 24 bits of the MAC address and appends a 24-bit Fibre Channel ID to derive a full 48-bit FCoE MAC address.
D. FCoE does not use a MAC addres
E. The FCoE Initialization Protocol is used to acquire a Fibre Channel ID, and the address is used for all FCoE communications in the same way as Fibre Channel Protocol.

Answer: B

Explanation:
https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Data_Center/UF_FCoE_final.html#wp1154912

NEW QUESTION 16
An engineer configures port security on a Cisco MDS 9000 Series Switch. The MDS switch configuration must meet these requirements

⯈ The switch must inmate the VSAN 4 port security database despite any conflicts.

⯈ New devices must be statically added to the switch.

⯈

Configuration changes for VSAN 4 must be applied throughout the fabric with any lodes on the fabric released
Which configuration set meets these requirements?

```
port-security activate vsan 4
no port-security auto-learn vsan 4
port-security allocate
port-security commit vsan 4

port-security activate vsan 4
port-security manual-learn vsan 4
port-security allocate
port-security commit

port-security activate vsan 4 force
port-security auto-learn vsan 4
port-security distribute
port-security commit

port-security activate vsan 4 force
no port-security auto-learn vsan 4
port-security distribute
port-security commit vsan 4
```

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

Answer: D

NEW QUESTION 20
A storage array must be connected to port ethernet1/10 on a Cisco MDS 9000 Series Switch In addition, the array must connect using the FCoE protocol and be single-homed Which configuration meets these requirements?

```
vlan database
    vlan 101 fcoe
    vsan 101 enable
    interface vfc 10 vsan 101

interface vfc 10
    switchport mode fcoe
    switchport access vlan 101
    bind interface ethernet1/10

vlan database
    vlan 101 vsan
    vsan 101 fcoe
    vsan 101 interface vfc 10

interface ethernet1/10
    switchport mode trunk
    bind interface vfc 10
    fcoe vsan 101

vsan database
    vlan 101
    vsan 101
    fcoe vsan 101 interface vfc 10

interface 1/10
    switchport mode e
    fcoe vfc 10

interface vfc 10
    switchport mode f
    bind interface ethernet 1/10

vsan database
    vsan 101
    vlan 101
    fcoe vsan 101
    vsan 101 interface vfc 10
```

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

Answer: D

NEW QUESTION 21

A network engineer is deploying a cisco ALL-flash hyperflex solution. Which local storage configuration is required for the operating system and persistent logging?

A. Two solid state drives
B. Two SATA drives
C. One SATA drive
D. One solid state drive

Answer: D

NEW QUESTION 26
What happens to the default host firmware policy after a Cisco UCS Manager upgrade?

A. It is updated to contain the firmware entries of all the components
B. It is replaced by a new default policy without any firmware entries.
C. It is assigned to all the service profiles that include a host firmware policy.
D. It is set to match the host firmware policy.

Answer: B

Explanation:
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Firmware-Mgmt/

NEW QUESTION 30
A network administrator attempts to automate the provisioning of several new Cisco Nexus switches. The administrator prepares a bootstrap configuration script for the task Due to the number of switches a zero-touch provisioning solution is preferred Additionally, some switches arrive with outdated software and should be automatically upgraded as part of the provisioning workflow Which solution meets the requirements'

A. DHCP
B. Ansible
C. NX-API
D. POAP

Answer: C

NEW QUESTION 34
A network engineer plans to upgrade the firmware of a Cisco UCS B-Series chassis by using the Auto Install feature. Which component is upgraded during the infrastructure firmware upgrade stage?

A. Cisco IMC
B. Adapter
C. I/O module
D. BIOS

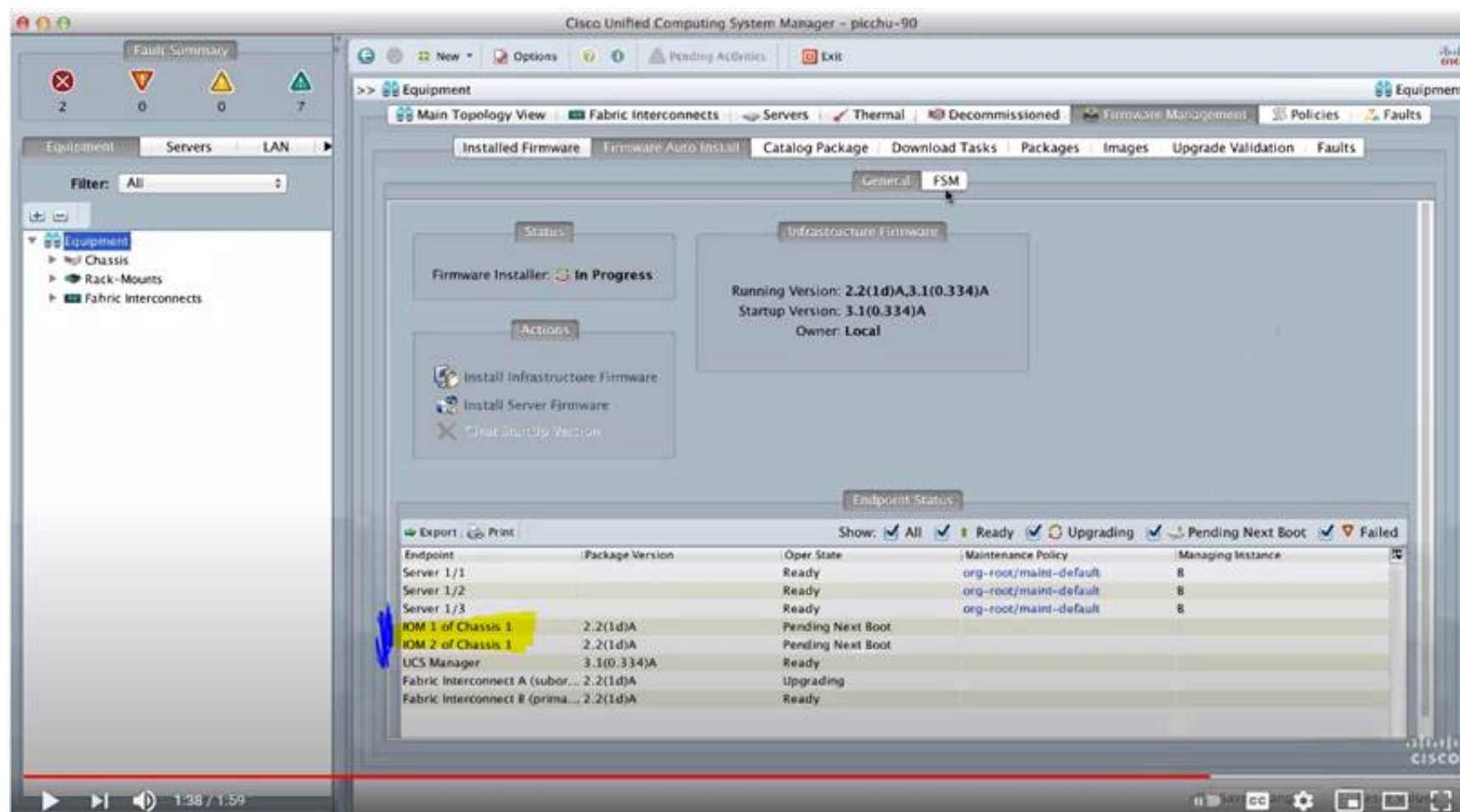**Answer:** C

Explanation:
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Firmware-Mgmt/ https://www.youtube.com/watch?v=g-4OgYigvRI

Direct Upgrade After Auto Install

During Auto Install, the startup version of the default infrastructure pack is configured. To successfully complete a direct upgrade or activation of Cisco UCS Manager, Fabric Interconnects, and IOMs after Auto Install, ensure that the startup version is cleared before starting direct upgrade or activation. If the startup version of the default infrastructure pack is configured, you cannot directly upgrade or activate Cisco UCS Manager, Fabric Interconnects, and IOMs. , provides detailed steps for clearing the startup version.

NEW QUESTION 35
Which data structure results from running this Python code?

```
>>> import json
>>> f = open('fname.json', 'r')
>>> var1 = json.load(f)
>>> var1
{u'bd': u'bd1', u'ap': {u'epgs': [{u'name': u'app'}, {u'name': u'web'}, {u'name':
u'db'}], u'name': u'OnlineStore'}, u'name': u'39233259', u'pvn': u'pvn1'}
```

A. tuple
B. dictionary
C. set
D. list

Answer: B

NEW QUESTION 38
An engineer must configure a Cisco UCS blade system that is managed by Cisco UCS Manager. All four connected interfaces between the blade system and the fabric interconnects must be used. Additionally, the connectivity must tolerate any link failure between the I/O module and the fabric interconnects. Which action accomplishes these requirements?

A. Configure port aggregation with LACP policy set to default
B. Configure Firmware Auto Sync Server policy to Auto Acknowledge
C. Configure Link Group Preference to Port Channel.
D. Configure chassis/FEX discovery pokey action to four links

Answer: D

NEW QUESTION 43
After a Cisco Nexus 7000 Series Switch chassis replacement, the administrator discovers that all vPC-enabled LACP port channels are reinitialized. The administrator wants to prevent this issue the next time the chassis is replaced. Which two actions must be taken to meet this requirement before the isolated device is reloaded'? (Choose two)

A. Set the vPC MAC address to a tower value than the peer
B. Change the vPC system-priority of the replacement chassis to a higher value than the peer if.
C. Change the vPC system-priority of the replacement chassis to a lower value than the peer.
D. Set the vPC MAC address to a higher value than the peer
E. Configure auto-recovery to the disable state on both peers

Answer: BE

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/6-x/interfaces/configuration/guide/b_
------
https://community.cisco.com/t5/networking-documents/vpc-auto-recovery-feature-in-nexus-7000/ta-p/3123651
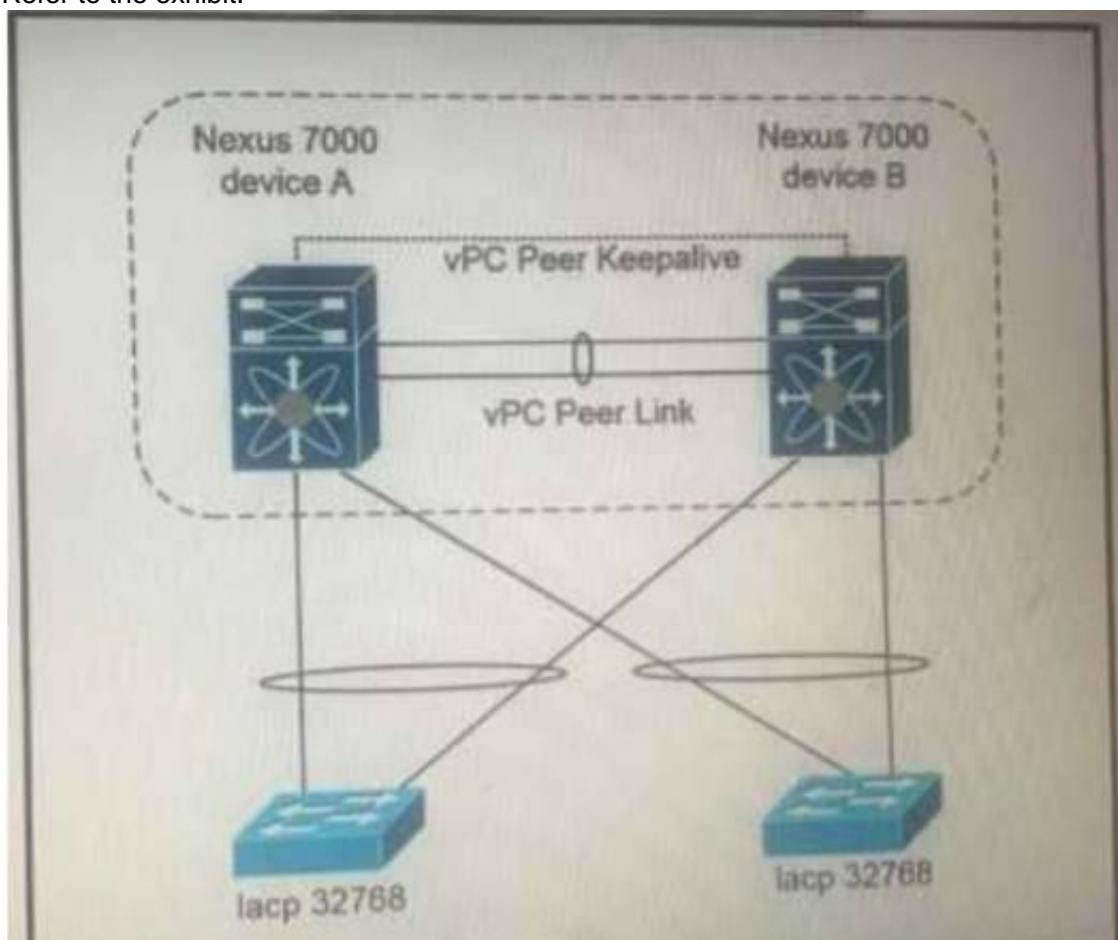
vPC and LACP

The Link Aggregation Control Protocol (LACP) uses the system MAC address of the vPC domain to form the LACP Aggregation Group (LAG) ID for the vPC.

You can use LACP on all the vPC EtherChannels, including those channels from the downstream switch. We recommend that you configure LACP with active mode on the interfaces on each EtherChannel on the vPC peer switches. This configuration allows you to more easily detect compatibility between switches, unidirectional links, and multihop connections, and provides dynamic reaction to run-time changes and link failures.

The vPC peer link supports 16 EtherChannel LACP interfaces. You should manually configure the system priority on the vPC peer-link switches to ensure that the vPC peer-link switches have a higher LACP priority than the downstream connected switches. A lower numerical value system priority means a higher LACP priority.

NEW QUESTION 48
Refer to the exhibit.

Which configuration ensure that the cisco Nexus 7000 series switches are the primary devices for LACP?

A.
```
N7K_A(config-vpc-domain)# system-priority 4000
N7K_B(config-vpc-domain)# system-priority 4000
```

B.
```
N7K_A(config-vpc-domain)# system-priority 100
N7K_B(config-vpc-domain)# system-priority 200
```

C.
```
N7K_A(config-vpc-domain)# system-priority 32768
N7K_B(config-vpc-domain)# system-priority 32768
```

D.
```
N7K_A(config-vpc-domain)# role priority 1
N7K_B(config-vpc-domain)# role priority 2
```

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

Answer: C

NEW QUESTION 49
An engineer needs to create a new user in the local user database on Cisco UCS Fabric Interconnect. The user needs permissions to change the following configuration inside UCS Manager version 3.1:
• vNIC and vHBA profiles
• Fan speed and power redundancy profile of UCS Manager

Which two roles must be assigned to a user to achieve this goal? (Choose two.)

A. server-compute
B. facility-manager
C. operations
D. server-equipment
E. server-profile

Answer: AD

NEW QUESTION 50
Which method must a network engineer use to upgrade the BIOS firmware of a Cisco UCS standalone C-Series reck-mount server?

A. Use the Cisco host upgrade utility.
B. Use the Cisco hardware upgrade utility.
C. Use the Cisco host firmware policy.
D. Use the U-ACPI Interface.

Answer: A

NEW QUESTION 55
A server engineer wants to control power usage on a Cisco UCS C-Series rack server down to the component level.
Which two components support specific power limits? (Choose two.)

A. storage controller
B. network controller
C. processor
D. graphic card
E. memory

Answer: CE

Explanation:
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/c/sw/gui/config/guide/4_1/b_Cisco_UCS_C-serie

NEW QUESTION 59
Refer to the exhibit. A network engineer must Improve the convergence time during vPC primary peer device failure and recovery. Which set of actions is required on both vPC switches to accomplish this task?

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

Answer: D

NEW QUESTION 61
Port security is statically configured on a Cisco Nexus 7700 Series switch and F3 line card. The switch is configured with an Advanced Services license. Which two actions delete secured MAC addresses from the interface? (Choose Two)

A. The address must be removed from the configuration.
B. The address must reach the age limit that is configured for the interface.
C. The interface must be converted to a routed port.
D. The device must be restarted manually.
E. Shutdown and then no shutdown must be run on the interface.

Answer: AC

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/6_x/nx-os/security/configuration/guide/b_Cisco_

Static Method

The static learning method allows you to manually add or remove secure MAC addresses to the running configuration of an interface. If you copy the running configuration to the startup configuration, static secure MAC addresses are unaffected if the device restarts.

A static secure MAC address entry remains in the configuration of an interface until one of the following events occurs:

- You explicitly remove the address from the configuration.

- You configure the interface to act as a Layer 3 interface.

Adding secure addresses by the static method is not affected by whether dynamic or sticky address learning is enabled.

NEW QUESTION 63
An engineer must configure a VXLAN routing on a cisco Nexus 9000 series Switch. The engineer requires a solution where all the leaf switches have the same gateway MAC and IP address. Which configuration set accomplishes this task?

A)

```
NX9K(config)# fabric forwarding anycast-gateway-mac AA:BB:AA:BB:AA:BB
NX9K(config)# interface VLAN-interface-nameNX9K(config-if)# fabric forwarding mode anycast-gateway
```

B)

```
NX9K(config)# fabric forwarding anycast-gateway-mac AA:BB:AA:BB:AA:BB
NX9K(config)# interface VLAN-interface-name
NX9K(config-if)# vrf member vrf-name
NX9K(config-if)# fabric forwarding mode anycast-gateway
```

C)

```
NX9K(config)# install feature-set fabric
NX9K(config)# feature-set fabric
NX9K(config)# fabric forwarding anycast-gateway-mac AA:BB:AA:BB:AA:BB
NX9K(config)# interface VLAN-interface-name
NX9K(config-if)# vrf member vrf-name
NX9K(config-if)# fabric forwarding mode anycast-gateway
```

D)

```
NX9K(config)# install feature-set fabric
NX9K(config)# feature-set fabric
NX9K(config)# fabric forwarding anycast-gateway-mac AA:BB:AA:BB:AA:BB
NX9K(config)# interface VLAN-interface-name
NX9K(config-if)# fabric forwarding mode anycast-gateway
```

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

Answer: C

NEW QUESTION 68
In an FCoE environment, for which two sets of data must an interface that implements the PAUSE mechanism always provision sufficient ingress buffer? (Choose two)

A. frames that were sent with high credit
B. frames that were processed and transmitted by the transmitter before the PAUSE frame left the sender
C. frames that were sent on the link but not yet received.
D. frames that were sent on the link and received.
E. frames that were processed and transmitted by the transmitter after the PAUSE frame left the sender.

Answer: BC

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus7000/sw/fcoe/config/ cisco_nexus7000_fcoe_config_guide_8x/configuring_fcoe.html

NEW QUESTION 72
Drag and drop the technologies from the left onto the description on the right.

NFSv2		uses client machine authentication
Kerberos		uses users authentication
NFSv4		authenticates clients and servers in NFSv4
RADIUS		authenticates clients to corporate directory systems

A. Mastered
B. Not Mastered

Answer: A

Explanation:
NFSv2 NFSv4
Kerberos RADIUS

NEW QUESTION 73

An engineer upgrades the bash on the Cisco Nexus 9000 Series Switch.

```
guestshell:~$ sudo [MISSING_COMMAND] /bootflash/bash-4.2_8642092948678a-r8x86_64.rpm.rpm
Preparing...
######################################### [100%]
1:bash ######################################### [100%]
update-alternatives: Linking //bin/sh to /bin/bash
```

Which command must be sed to complete the task?

A. rpm -qa
B. rpm -Uhv
C. upgrade -U
D. update -vh

Answer: B

NEW QUESTION 76

A Cisco MDS 9000 Series Switch is configured for SAN Analytics and SAN Telemetry Streaming. An engineer must enable analytics for NVMe on interfaces in the range of fc1/1-12. Due to a large amount of traffic generated in the SAN environment, the data must be collected at regular intervals of 60 seconds from ports fc 1-12 and then for ports fc13-24 for the next 60 seconds. Ports in the range fc4/13-14 were already enabled for analytics. Which set of commands must be used to meet these requirements?

```
interface fc1/1-12
    port-sampling module 4 size 12 interval 60
    analytics nvme
```

```
interface fc1/1-12
    port-sampling module 4 size 12 interval 60000
    analytics type fc-scsi
```

```
analytics port-sampling module 4 size 12 interval 60000

interface fc1/1-12
    analytics fc-scsi
    analytics fc-nvme
```

```
analytics port-sampling module 4 size 12 interval 60

interface fc1/1-12
    analytics type fc-nvme
```

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

Answer: D

NEW QUESTION 78

An engineer needs to install a new package on a Cisco Nexus 9000 Series Switch. What is the impact of running the install commit <filename> command on the switch?

A. The switch is restarted after the upgrade is complete
B. The package is used after the switch is restarted.
C. The previous package that was in use is deleted from bootflash.
D. The package is used in the running configuration.

Answer: B

NEW QUESTION 82

Multiple roles are applied to a user on the Cisco MDS 9000 Series Switch. Which statement is true?

A. Any commands that have conflicting settings between roles are denied.
B. Access to a command takes priority over being denied access to a command.
C. The first role assigned takes precedence over subsequent roles.
D. The last role assigned takes precedence over previous roles.

Answer: B

Explanation:
Graphical user interface, text, application Description automatically generated

Note If you belong to **multiple roles**, you can execute a union of all the commands permitted by these roles. Access to a command takes priority over being **denied access** to a command. For example, suppose you belong to a TechDocs group and you were denied access to configuration commands. However, you also belong to the engineering group and have access to configuration commands. In this case, you will have access to configuration commands.

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/5_0/configuration/guides/sec/nxos/ sec/clicfgur.html
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/8_x/config/security/ cisco_mds9000_security_config_guide_8x/configuring_users_and_common_roles.html

NEW QUESTION 84
Which configuration statically assigns VSAN membership to a virtual Fibre Channel interface?

A. switch(config-vsan-cb># vsan 100 bind interface fc 3/1
B. switch<config-vsan-db)# vsan 100 bind interface vfc 31
C. switch(config-vsan-db># vsan 100 fc 3/1
D. switch(config-vsan-db)# vsan 100 interface vfc 31

Answer: D

Explanation:
 https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/configuration/guide/cli/ CLIConfigurationGuide/vsan.html

NEW QUESTION 88
What occurs when running the command install deactivate <filename> while a software maintenance upgrade is performed on a Cisco Nexus 9000 Series switch?

A. The current set of packages is committed.
B. The package is removed from the switch.
C. The package features for the line card are disabled.
D. The current upgrade stops.

Answer: C

NEW QUESTION 89
Which two statements describe modifying Cisco UCS user accounts? (Choose two.)

A. Disabling a user account maintains all of the data in the Cisco UCS Fabric Interconnect.
B. The admin account is used only to log on by using SSH.
C. The password of the user account must contain a minimum of 10 characters.
D. Local user accounts override the same account on a remote authentication server, such as TACACS, RADIUS, or LDAP.
E. The password of the user account expires in 30 days.

Answer: AD

Explanation:
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Admin-Managem

NEW QUESTION 90
Drag and drop the network assurance concepts from the left onto the corresponding benefits on the right.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Diagram Description automatically generated

NEW QUESTION 94
An engineer is duplicating an existing Cisco UCS setup at a new site. What are two characteristics of a logical configuration backup of a Cisco UCS Manager database? (Choose two.)

A. contains the AAA and RBAC configurations
B. contains a file with an extension.tgz that stores all of the configurations
C. contains the configuration organizations and locales
D. contains all of the configurations
E. contains the VLAN and VSAN configurations

Answer: CE

Explanation:
Logical configuration—An XML file that includes all logical configuration settings such as service profiles, VLANs, VSANs, pools, and policies. You can use the file generated from this backup to import these configuration settings to the original fabric interconnect or to a different fabric interconnect. You cannot use this file for a system restore.

NEW QUESTION 98
Which two actions are needed to configure a single Cisco APIC controller for Cisco ACI fabric for the first time? (Choose two.)

A. Register the APIC that is connected to the switch.
B. Configure the first Cisco APIC controller
C. Configure the leaf switch where the Cisco APIC is connected, using CLI to allow APIC connectivity
D. Register the switches that are discovered through LLDP.
E. Register all leaf and spine switches

Answer: AE

NEW QUESTION 103
A network engineer configures a converged network adapter (CNA) and must associate a virtual fiber Channel 7 interface to VSAN 7. The CAN connected to the interface Eth1/7, and VLAN 700 is mapped to the VSNA. Which configuration must be applied to create the virtual Fiber Channel interface and associate it with the Ethernet physical interface?

A)

```
switch(config)# vlan 700
switch(config-vlan)# fcoe vsan 7
```

B)

```
switch(config)# vsan database
switch(config-vsan)# vsan 7 interface vfc 7
```

C)

```
switch(config)# interface ethernet 1/7
switch(config-if)# vfc 7 attach vlan 1,700
```

D)

```
switch(config)# interface vfc 7
switch(config-if)# bind interface ethernet 1/7
```

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

Answer: D

NEW QUESTION 105
Refer to the exhibit.

```
 1    . /etc/init.d/functions
 2    exec="/usr/bin/chef-client"
 3    prog="chef-client"
 4    [ -e /etc/sysconfig/$prog ] && . /etc/sysconfig/$prog
 5    config=${CONFIG-/etc/chef/client.rb}
 6    pidfile=${PIDFILE-/var/run/chef/client.pid}
 7    reload() {
 8    echo -n $"Reloading $prog: "
 9
10        retval=$?
11    echo
12    return $retval
13    }
14    case "$1" in
15      reload)
16            rh_status_q || exit 7
17            ;;
18    exit 2
19    esac
20    exit $?
```

A developer must create a Bash script that performs a Chef Client reload in the event of a system reset. Which command completes the script?

```
killproc -n $pidfile $exec -SIGHUP
```

```
killproc -pi $pidfile $exec -HUP
```

```
killproc -n $pidfile $exec -HUP
```

```
killproc -p $pidfile $exec -HUP
```

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

Answer: D

NEW QUESTION 107
Refer to the exhibit.

```
Nexus# show vpc peer-keepalive | i Keepalive
--Keepalive interval : 1000 msec
--Keepalive timeout : 5 seconds
--Keepalive hold timeout : 3 seconds
--Keepalive vrf : management
--Keepalive udp port : 3200
--Keepalive tos : 192

Nexus# ethanalyzer local interface mgmt limit-captured-frames 1000

Capturing on mgmt0
2019-06-15 12:01:51.242597 192.168.254.11 -> 192.168.254.3 ICMP Echo (ping) request
2019-06-15 12:01:51.242860 192.168.254.3 -> 192.168.254.11 ICMP Echo (ping) reply
2019-06-15 11:50:15.975474 192.168.254.1 -> 192.168.254.3 TCP 47540 > bootps [SYN] Seq=0 Win=1024 Len=0 MSS=1460
2019-06-15 11:50:15.975547 192.168.254.3 -> 192.168.254.1 TCP 29 > 47540 [RST, A CK] Seq=1 Ack=1 Win=0 Len=0
2019-06-15 11:50:15.975564 192.168.254.1 -> 192.168.254.3 TCP 47540 > 44 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
2019-06-15 11:50:15.975924 192.168.254.1 -> 192.168.254.3 TCP 47540 > discard [SYN] Seq=0 Win=1024 Len=0 MSS=1460
2019-06-15 11:50:15.976027 192.168.254.1 -> 192.168.254.3 TCP 47540 > 97 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
2019-06-15 11:50:15.976381 192.168.254.1 -> 192.168.254.3 TCP 47540 > 35 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
2019-06-15 11:50:16.661845 192.168.254.3 -> 192.168.254.4 UDP Source port: 3200 Destination port: 3200
2019-06-15 11:50:16.761147 00:8e:73:a2:41:13 -> 01:80:c2:00:00:00 STP Conf. Root = 8192/10/ec:e1:a9:df:6c:80 Cost = 22 Port = 0x8013
2019-06-15 11:50:16.853248 192.168.254.4 -> 192.168.254.3 UDP Source port: 3200 Destination port: 3200
2019-06-15 11:50:17.326253 192.168.254.1 -> 192.168.254.3 SSH Encrypted request packet len=52
2019-06-15 11:50:17.327313 192.168.254.3 -> 192.168.254.1 SSH Encrypted response packet len=1348
2019-06-15 11:50:17.377246 192.168.254.4 -> 239.255.70.83 UDP Source port: 7546 Destination port: 7546
2019-06-15 11:50:17.552215 192.168.254.1 -> 192.168.254.3 TCP 14139 > ssh [ACK] Seq=365 Ack=11277 Win=63546 Len=0
2019-06-15 11:50:17.661764 192.168.254.3 -> 192.168.254.4 UDP Source port: 3200 Destination port: 3200
2019-06-15 11:50:17.653242 192.168.254.4 -> 192.168.254.3 UDP Source port: 3200 Destination port: 3200
2019-06-15 11:50:17.872637 8c:60:4f:aa:c2:e1 -> 01:80:e7:00:00:0e LLDP Chassis : d = 8c:60:41:aa:c2:e1 Port Id = mgmt0 TTL = 120
2019-06-15 11:50:08.173056 192.168.256.3 -> 192.168.254.2 NTP NTP client
2019-06-15 11:50:08.173256 192.168.256.2 -> 192.168.254.3 NTP NTP server
```

A flapping link issue has been reported on the vPC keepalive link. A packet capture has been activated on the Cisco Nexus switch. What is the destination IP address of the vPC keepalive packets that are sent by the switch?

A. 192.168.254.4
B. 239.255.70.83
C. 192.168.254.1
D. 192.168.254.2

Answer: A

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus3000/sw/interfaces/92x/b-cisco-nexus-3000-nx

NEW QUESTION 110
An engineer must configure SAN connectivity in Cisco UCS manager. The requirement is to specify the WWPN of the storage array and set the zoning type to single initiator multiple targets. The engineer must also configure interrupt handling and queues of the vHBA interface. Which two Cisco UCS policies should be used to configure the settings? (Choose two.)

A. storage connection policy
B. SAN connectivity policy
C. vHBA policy
D. Fibre Channel adaptor policy
E. boot policy

Answer: AD

NEW QUESTION 114
A cisco Nexus 9000 series switch experiences a startup configuration comuption. The engineer must implement a procedure to recover configuration file from the switch. Which command set must be used?

A. * 1. Copy the running-configuration to the startup configuration.* 2. Clear the current configuration of the switch.* 3. Restart the device.* 4. Copy a previously saved configuration file to the running configuration.
B. * 1. Clear the current configuration of the switch* 2. Restart the device.* 3. Copy the running configuration to the startup configuration* 4. Copy a previously saved configuration file to the running configuration
C. * 1. Clear the current configuration of the switch* 2. Restart the device.* 3. Copy a previously saved configuration file to the running-configuration* 4. Copy the running-configuration to the startup configuration.
D. * 1.Restarting device.* 2. Copy the running-configuration file to a remote server.* 3. Clear the current configuration of the switch.* 4. Copy the running configuration to the startup configuration

Answer: C

Explanation:
Problems, such as memory corruption, can occur that make it necessary for you to recover your configuration from a backed-up version.
Each time that you enter a copy running-config startup-config command, a binary file is created and the ASCII file is updated. A valid binary configuration file reduces the overall boot time significantly. A binary file cannot be uploaded, but its contents can be used to overwrite the existing startup configuration. The write erase command clears the binary file.
SUMMARY STEPS
* 1. write erase
* 2. reload
* 3. copy configuration-file running-configuration
* 4. copy running-config startup-config https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/93x/fundamentals/configuration/guide

NEW QUESTION 117
An engineer must build a lab replica of a Cisco UCS production environment. The file must be imported into a new Cisco UCS cluster using a Cisco UCS manager GUI. The file must be in XML format and be exported from Cisco UCS Manager using encrypted method. Which two configuration parameters should be selected to meet these requirements?. (Choose two.)

A. Type: Logical configuration
B. Protocol SCP
C. Type Full state
D. Protocol TFTP
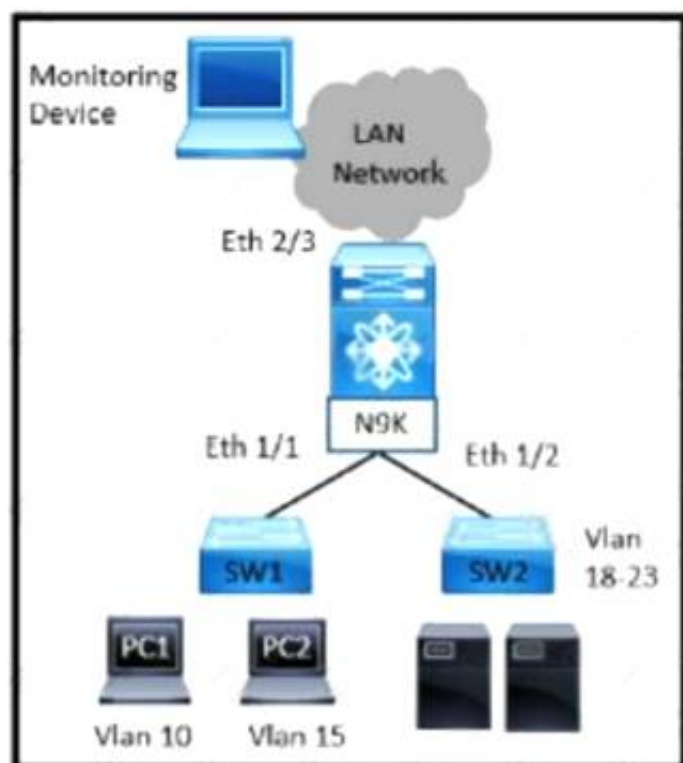E. Type All configuration

Answer: BE

NEW QUESTION 119
An engineer must perform a backup operation of the Cisco UCS system. The backup must be transferred to a secure location using UDP and must contain information about VLANs, VSANs, and other policies. Also, the operations team requires the backup file to be in a human-readable format. Which configuration set meets these requirements?

A. Type: System configuration Protocol: SCP
B. Type: Logical configuration Protocol: TFTP
C. Type: All configuration Protocol: FTP
D. Type: Full state Protocol: SFTP

Answer: B

NEW QUESTION 121
Refer to the exhibit

A network administrator experiences these issues with the network:

▷ PC1 is experiencing a buffering problem for video applications

▷ The servers that are connected to SW2 are experiencing packet drops when they connect to the Internet

The engineer wants to configure the required traffic capture to investigate the issue further Which configuration must be implemented to monitor the traffic?

```
○ N9K(config)# monitor session 5 rx
  N9K(config)# monitor session 5 tx
  N9K(config-monitor)# description Span_session_5
  N9K(config-monitor)# source interface ethernet 1/1
  N9K(config-monitor)# source interface ethernet 1/2
  N9K(config-monitor)# destination interface ethernet 2/3
```

```
○ N9K(config)# monitor session 5 tx
  N9K(config-monitor)# description Span_session_5
  N9K(config-monitor)# source interface ethernet 1/1
  N9K(config-monitor)# source interface ethernet 1/2
  N9K(config-monitor)# destination interface ethernet 2/3
```

```
○ N9K(config)# monitor session 5 tx
  N9K(config-monitor)# description Span_session_5
  N9K(config-monitor)# source vlan 10-15 rx
  N9K(config-monitor)# source interface ethernet 1/2
  N9K(config-monitor)# destination interface ethernet 2/3
```

```
● N9K(config)# monitor session 5 rx
  N9K(config-monitor)# description Span_session_5
  N9K(config-monitor)# source vlan 10 rx
  N9K(config-monitor)# source interface ethernet 1/2
  N9K(config-monitor)# destination interface ethernet 2/3
```

.

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

Answer: D

NEW QUESTION 123

A network engineer must deploy a configuration backup policy to the Cisco UCS Manager. The file generated from this backup must have a snapshot of the entire system that should be used to restore the system during disaster recovery. The backup file must be transferred insecurely by using the TCP protocol. Which configuration backup settings meet these requirements?

A. Type: All Configuration Protocol: SCP
B. Type: Logical Configuration Protocol: SFTP
C. Type: Full State Protocol: FTP
D. Type: System ConfigurationProtocol: TFTP

Answer: C

NEW QUESTION 124

A customer has a requirement for an automation solution that supports periodically acquiring configuration from a centralized server and aligning UCS servers to their desired state. Which open-source tool meets these requirements?

A. SaltStack
B. Terraform
C. Puppet
D. Kubemetes

Answer: C

Explanation:
"Overview of Puppet architecture: [...] After it receives a catalog, the Puppet agent applies the catalog by checking each resource that the catalog describes. If it finds any resources that are not in their desired state, it makes any changes necessary to correct them."
https://www.cisco.com/c/dam/en/us/products/collateral/servers-unified-computing/ucs-c-series-rackservers/ whitepaper_c11-740103.pdf
https://www.cisco.com/c/dam/en/us/products/collateral/servers-unified-computing/ucs-devops-integration-sol-br
from DCCOR book under Puppet section The operation of the Puppet agent involves periodically connecting to the Puppet master, which in turn compiles and sends a configuration manifest to the agent. The agent reconciles this manifest with the current state of the node and updates state that is based on differences.

NEW QUESTION 126
Which two statements describe the process of upgrading an EPLD on a Cisco MUS 9000 Series Switch? (Choose two)

A. EPLDs are capable to be upgraded without replacing the hardware
B. The CPLDs for all the modules on a switch must be upgraded at the same time
C. An upgrade verification identifies the impact of each EPLD upgrade
D. EPLDs are only capable to be upgraded to the latest F
E. D image
F. EPLD upgrades are capable to be completed without powering down the module during the upgrade

Answer: AC

NEW QUESTION 129
When a strict CoPP policy is implemented, which statement describes an event during which packets are dropped?

A. Fifteen SSH sessions remain connected to the switch.
B. A large system image is copied to a switch by using the default VRF.
C. A ping sweep is performed on a network that is connected through a switch.
D. A web server that is connected to a switch is affected by a DDoS attack.

Answer: B

Explanation:
A large image upload is more probable to generate that level of traffic.
15 SSH session would mean an average of 200pps per session, and they simply mention that the session remain connected, if there are no inputs in them they have 0pps and even a full config push would probably not require 200 packets total.
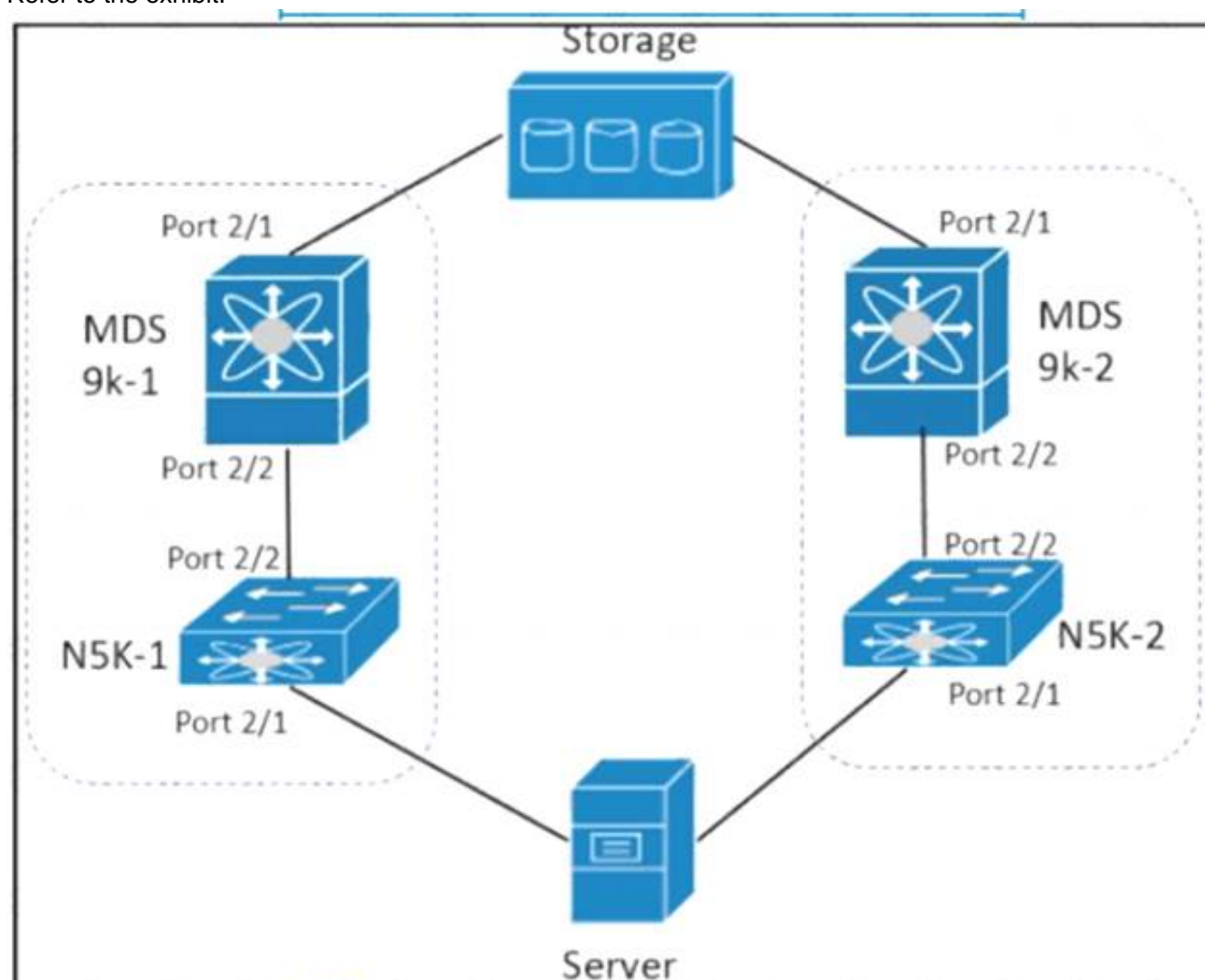class copp-system-p-class-management set cos 2
police cir 3000 pps bc 32 packets conform transmit violate drop
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/6-x/security/configuration/guide/ b_Cisco_Nexus_9000_Series_NX-OS_Security_Configuration_Guide/b_Cisco_Nexus_9000_Series_NXOS_ Security_Configuration_Guide_chapter_010001.html

NEW QUESTION 133
Refer to the exhibit.

The server is sending traffic to the storage server using Fiber Channel protocol. The requirement is for the N5K-1 to forward traffic to MDS9k-1. Drag and drop the configuration steps from the right to complete the configuration for N5K-1 on the left. Not all configuration steps are used.

```
N5K-1# configuration terminal
N5K-1#(config)# 
N5K-1#(config)# interface fc 2/2
N5K-1#(config-if)# 
N5K-1#(config-if)# no shutdown
N5K-1#(config)# 
N5K-1#(config-if)# 
N5K-1#(config-if)# no shutdown
```

- interface fc 2/1
- interface port 2/1
- interface port 2/2
- npv enable
- switchport mode F
- switchport mode NP

A. Mastered
B. Not Mastered

Answer: A

Explanation:
npv enable, switchport mode F, interface fc2/1, switchport mode NP

NEW QUESTION 136
Refer to the exhibit.

Install Infrastructure Firmware

1 — Prerequisites
2 — Install Infrastructure Firmware

Firmware System Status

Firmware Installer : ↑ Ready

Actions

Cancel Infrastructure Upgrade

Properties

Name : default
Description : Infrastructure Pack
Infra Pack : 3.2(2d)A
Service Pack : <not set>
Force : ☑
Evacuate : ☐

Infrastructure Upgrade Schedule

Admin State : Untriggered
Owner : Local
Max Number Of Concurrent Tasks : Unlimited
Start Time :

☑ Upgrade Now

< Prev   Finish   Cancel

Which two Cisco UCS components are upgraded as a result of the configuration? (Choose two.)

A. adapters
B. board controller
C. IOMs
D. BIOS
E. Cisco UCS Manager

Answer: CE

Explanation:
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/firmware-mgmt/gui/2-2/
b_GUI_Firmware_Management_22/b_GUI_Firmware_Management_22_chapter_0101.html
Infrastructure software bundle—This bundle is also called the A bundle. It contains the firmware images that the fabric interconnects, IO Modules, and Cisco UCS Manager require to function.
Board controller is a server component included in the server bundle not the infrastructure bundle Graphical user interface, text, application, letter Description automatically generated

Install Infrastructure Firmware

Install Infrastructure Firmware upgrades all infrastructure components in a Cisco UCS domain, including Cisco UCS Manager, and all fabric interconnects and I/O modules. All components are upgraded to the firmware version included in the selected Cisco UCS Infrastructure Software Bundle.

Install Infrastructure Firmware does not support a partial upgrade to only some infrastructure components in a Cisco UCS domain domain.

You can schedule an infrastructure upgrade for a specific time to accommodate a maintenance window. However, if an infrastructure upgrade is already in progress, you cannot schedule another infrastructure upgrade. You must wait until the current upgrade is complete before scheduling the next one.

> **Note** You can cancel an infrastructure firmware upgrade if it is scheduled to occur at a future time. However, you cannot cancel an infrastructure firmware upgrade after the upgrade has begun.

NEW QUESTION 140
Which two firmware packages are included in the Cisco UCS C-Series Rack-Mount UCS-Managed Server Software bundle? (Choose two.)

A. system
B. third-party
C. PSU
D. CIMC
E. BIOS

Answer: DE

Explanation:
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Firmware-Mgmt/
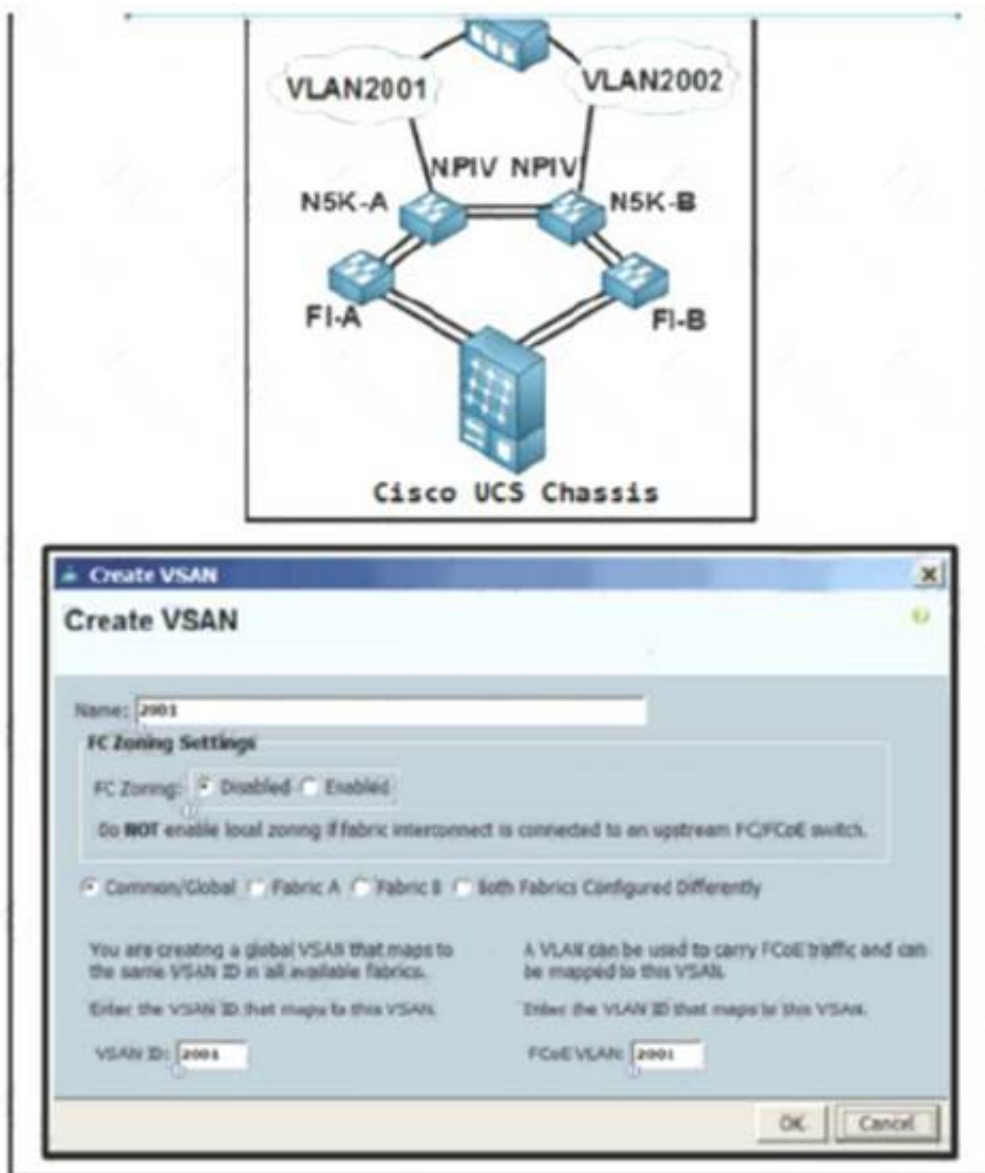
Cisco UCS C-Series Rack-Mount UCS-Managed Server Software Bundle

This bundle includes the following firmware images that are required to update components on rack-mount servers that have been integrated with and are managed by Cisco UCS Manager:

• CIMC firmware

• BIOS firmware

• Adapter firmware

• Storage controller firmware

NEW QUESTION 144
Refer to the exhibit.

An engineer is configuring a VSAN on the network Which option must be selected to create the VSAN?

A. Fabric B
B. FC Zoning Enabled
C. Fabric A
D. Common/Global

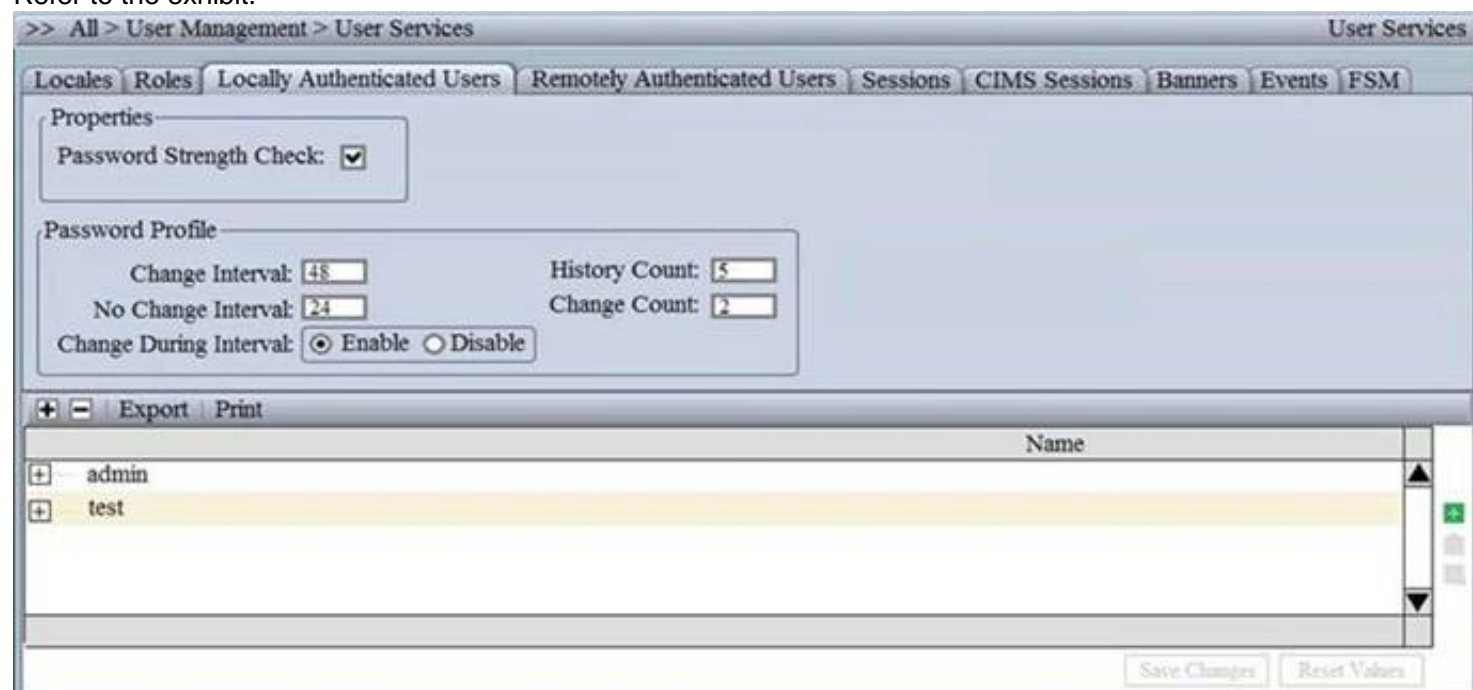**Answer:** C

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/nx-os/configuration/guides/fabric/fabric
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-central/GUI-User-Guides/Storage-Mgmt/1-5/

NEW QUESTION 145
Refer to the exhibit.

Which setting must be configured to prevent reuse of passwords?

A. No Change Interval
B. Change Interval
C. History Count
D. Change Count

Answer: C

Explanation:
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Admin- Management/3-1/b_Cisco_UCS_Admin_Mgmt_Guide_3_1/
b_Cisco_UCS_Admin_Mgmt_Guide_3_1_chapter_011.html

NEW QUESTION 150
An engineer is implementing Cisco Intersight in a secure environment. The environment must use LDAP directory service and ensure information integrity and confidentiality. Which two steps must be taken to implement the solution? (Choose two.)

A. Enable Encryption for LDAP
B. Add a self-signed LDAP certificate to Cisco Intersight.
C. Enable Certificate Signing Request in Cisco Intersight.
D. Add a trusted root LDAP certificate to Cisco Intersight
E. Add a trusted OAuth token to Cisco Intersight

Answer: AD

Explanation:

https://www.cisco.com/c/en/us/td/docs/unified_computing/Intersight/ b_Cisco_Intersight_Appliance_Getting_Started_Guide/ b_Cisco_Intersight_Appliance_Install_and_Upgrade_Guide_chapter_0110.html

NEW QUESTION 152
An engineer must create a scheduler configuration to create two backup jobs per day. The backup file must be copied to a server in the operations VRF. Which configuration accomplishes this task?
A)

```
scheduler schedule name CNFGBACKUP
  job name BACKUP-JOB
    copy running-config tftp:/10.19.11.12/$(SWITCHNAME)-$(TIMESTAMP).cfg vrf operations
    time start now repeat 12:00
```

B)

```
scheduler schedule name CNFGBACKUP
  job name BACKUP-JOB
    show tech-support | redirect vrf operations tftp:/10.19.11.12/$(SWITCHNAME)-$(TIMESTAMP).cfg
    time start daily 12:30 0:30
```

C)

```
scheduler schedule name CNFGBACKUP
  job name BACKUP-JOB
    copy startup-config tftp:/10.19.11.12/$(SWITCHNAME)-$(TIMESTAMP).cfg
    time daily 12:30 0:30
```

D)

```
scheduler schedule name CNFGBACKUP
  job name BACKUP-JOB
    copy vrf operations config tftp:/10.19.11.12/$(SWITCHNAME)-$(TIMESTAMP).cfg
    time start 12:30 repeat 12
```

A. Option A
B. Option B
C. Option C

D. Option D

Answer: A

NEW QUESTION 156
The EPLD update of the supervisor module has been scheduled for several cisco MDS 9000 switches. What will be the impact of the update?

A. All control plane traffic is stopped for the duration of the EPLD update and the switch remain operational for the duration of the upgrade.
B. The redundant supervisor lakes over while the EPLD update is in progress and there is no service disruption.
C. All traffic is stopped for the duration of the EPLD update and the switch is rebooted after the upgrade is completed.
D. The redundant supervisor lakes while the EPLD update is in progress and the switch is rebooted after the upgrade is completed.

Answer: C

Explanation:
An EPLD update of the supervisor module of fabric switches (Cisco MDS 9100, Cisco MDS 9200, and Cisco MDS 9300 Series switches) is disruptive since there is no redundant supervisor to take over while the update is in progress. All traffic through the system is stopped for the duration of the update and the switch is rebooted after the upgrade has completed. The update may take up to 30 minutes to complete.
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/6_2/release/notes/epld/epld_rn.html#pg

NEW QUESTION 159
An engineer must configure a Nexus 7000 series switch for HSRP on VLAN 100. When fully functional, the router must be the active master. Which set of commands must be used to implement the scenario?

```
feature hsrp
interface vlan100
ip address 10.1.1.2 255.255.255.0
priority 120
hsrp version 2
hsrp 1000
ip 10.1.1.1
```

```
feature hsrp
interface vlan100
ip address 10.1.1.2 255.255.255.0
priority 100
hsrp version 2
hsrp 1000
ip 10.1.1.1
```

```
feature-set hsrp
interface vlan100
ip address 10.1.1.2 255.255.255.0
priority 110
hsrp version 2
hsrp 1000
ip 10.1.1.1
```

```
feature-set hsrp
interface vlan100
ip address 10.1.1.2 255.255.255.0
priority 80
hsrp version 2
hsrp 1000
ip 10.1.1.1
```

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

Answer: A

NEW QUESTION 164
What is an advantage of NFS as compared to Fibre Channel?

A. NFS enable thin provisioning for LUNs.
B. NFS provides the dynamic allocation of storage capacity.
C. NFS removes the impact of IP overhead.
D. NFS provides direct access to the underlying storage hardware.

Answer: B

Explanation:
https://www.ciscolive.com/c/dam/r/ciscolive/apjc/docs/2018/pdf/BRKINI-1011.pdf

NEW QUESTION 169

Refer to the exhibit.

```
ACI-Leaf1# show ip route vrf DATACENTER:DC
10.20.1.0/24, ubest/mbest: 1/0, attached, direct, pervasive
    *via 10.0.8.65%overlay-1, [1/0], 4w3d, static
172.16.100.0/24, ubest/mbest: 1/0
    *via 10.1.168.95%overlay-1, [200/5], 3wod, bgp-132, internal, tag 132 (mpls-vpn)
172.16.99.0/24, ubest/mbest: 1/0
    *via 10.0.1.14, [20/0], 3wod, bgp-132, external, tag 200
```

Which two statements about the routing table of the leaf switch are true? (Choose two.)

A. The next hop 10.0.1.14 for route 172.16.99.0/24 is the TEP address of a border leaf in ACI.
B. 172.16.100.0/24 is a BD subnet in ACI.
C. The next hop 10.0.8.65 for route 10.20.1.0/24 is the TEP address of a border leaf in ACI.
D. The next hop 10.1.168.95 for route 172.16.100.0/24 is the TEP address of a border leaf in ACI.
E. 10.20.1.0./24 is a BD subnet in ACI.

Answer: DE

NEW QUESTION 171
Which component is disrupted when the cisco integrated Management controller is upgraded on a cisco UCS series server?

A. Cisco UCS Manager
B. SAN traffic
C. KVM sessions
D. Data traffic

Answer: C

NEW QUESTION 176
An engineer performs a Firmware Auto Install upgrade through the Cisco UCS Manager. Which two Cisco UCS components are upgraded in the Install Server Firmware stage? (Choose two)

A. Cisco UCS C-Series Rack-Mount Server
B. I/O Modules
C. Cisco UCS Manager
D. Cisco UCS B-Series Blade Server
E. Fabric Interconnects

Answer: BE

NEW QUESTION 179
An engineer updated firmware on Fabric Interconnects and activates it. However, the endpoint fails to boot from the new firmware image. What is expected to occur in this case?

A. The system defaults to the backup image version
B. The system defaults to and boots into GOLD firmware image
C. The system defaults to the GOLD firmware image
D. The system defaults to and boots into kickstart image

Answer: A

Explanation:
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/CLI-User-Guides/Firmware- Mgmt/4-0/
b_UCSM_CLI_Firmware_Management_Guide_4-0/ b_UCSM_CLI_Firmware_Management_Guide_4-0_chapter_011.html

NEW QUESTION 180
An engineer must perform a software upgrade on a production Cisco Nexus 7000 Series Switch. Before the upgrade activity, the requirement is for all ports to be shut down and routing protocols to terminate gracefully.
Which feature must be used to meet these requirements?

A. Configuration Profile
B. Maintenance Mode Profile
C. Switch Profile
D. Service Profile Template

Answer: B

NEW QUESTION 182
Drag and drop the mechanisms to collect data from a network from the left onto their characteristics on the right

CLI-based scripts		Polling can take 5-10 minutes.	
SNMP		Unstructured and susceptible to change and scripts failure.	
syslog		It sends data from the device to a specific endpoint, for instance, JSON or by using Google protocol buffers.	
telemetry		It pushes messages in the format "seq no:timestamp: %facility-severity MNEMONIC:description" and has limits in scale and efficiency.	

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Table Description automatically generated with low confidence

NEW QUESTION 184
A company must security harden its Cisco UCS C-Series servers. The security policy requires all out-of-band management to meet these requirements

➤ It must encrypt all traffic

➤ It must use nondefault ports

➤ It must provide private administrative sessions Which Cisco IMC corrflguraton meets the requirements?

```
data1# scope sol
data1 /sol # set enabled yes
data1 /sol "# set encrypted tls1.2
data1 /sol "# set port 3389
data1 /sol "# set session max 2
data1 /sol "# set deny-local yes

data1# scope cimc
data1 /cimc # set enabled yes
data1 /cimc "# set encrypted tls
data1 /cimc "# set kvm-port 1972
data1 /cimc "# set max-sessions 1
data1 /cimc "# set local-session deny

data1# scope oob
data1 /oob # set enabled no
data1 /oob "# set encrypted yes
data1 /oob "# set kvm-port 2068
data1 /oob "# set max-sessions 1
data1 /oob "# set local-access no

data1# scope kvm
data1 /kvm # set enabled yes
data1 /kvm "# set encrypted yes
data1 /kvm "# set kvm-port 3168
data1 /kvm "# set max-sessions 1
data1 /kvm "# set local-video no
```

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

Answer: D

NEW QUESTION 188
An engineer configures the properties of a cisco UCS cisco integrated Management controller network adapter for a standalone cisco C-Series server. The Fallback Timeout in the vNIC was set to 600. When the failure occurs. The secondary must be used and then fallback when the primary interface becomes available again. Which action be taken to meet these requirements?

A. Set default VLAN on the adapters.
B. Increase Cos to 6.
C. Disable VNTAG mode.
D. Enable Uplink failover.

Answer: D

Explanation:
Enable Uplink Failover check box - Check this box if traffic on this vNIC should fail over to the secondary interface if there are communication problems. VNTAG mode is required for this option.
Failback timeout field - After a vNIC has started using its secondary interface, this setting controls how long the primary interface must be available before the system resumes using the primary interface for the vNIC. Enter a number of seconds between 0 and 600. VNTAG mode is required for this option.
https://www.cisco.com/en/US/docs/unified_computing/ucs/c/sw/gui/config/guide/1.5/b_Cisco_UCS_C-series_G

NEW QUESTION 193

A network engineer must create an EEM script that saves a copy of the running configuration on bootflash and writes a message to syslog when a user saves the configuration to a Cisco Nexus switch. Which configuration set should be applied to complete this task?

```
○  event manager applet local- backup
      event cli match "copy running-config startup-config"
      action 1 cli copy running-config bootflash:/current_config.txt
      action 2 syslog msg Configuration saved and copied to bootflash
```

```
◐  event manager applet local- backup
      event cli match "write memory"
      action 1 cli copy running-config bootflash:/current_config.txt
      action 2 snmp-trap strdata "Configuration saved and copied to bootflash"
```

```
◔  event manager applet local- backup
      event cli match "copy running-config startup-config"
      action 1 cli copy running-config bootflash:/current_config.txt
      action 2 syslog msg Configuration saved and copied to bootflash
      action 3 event-default
```

```
◌  event manager applet local- backup
      event cli match "write memory"
      action 1 cli copy running-config bootflash:/current_config.txt
      action 2 syslog msg Configuration saved and copied to bootflash
      action 3 event-default
```

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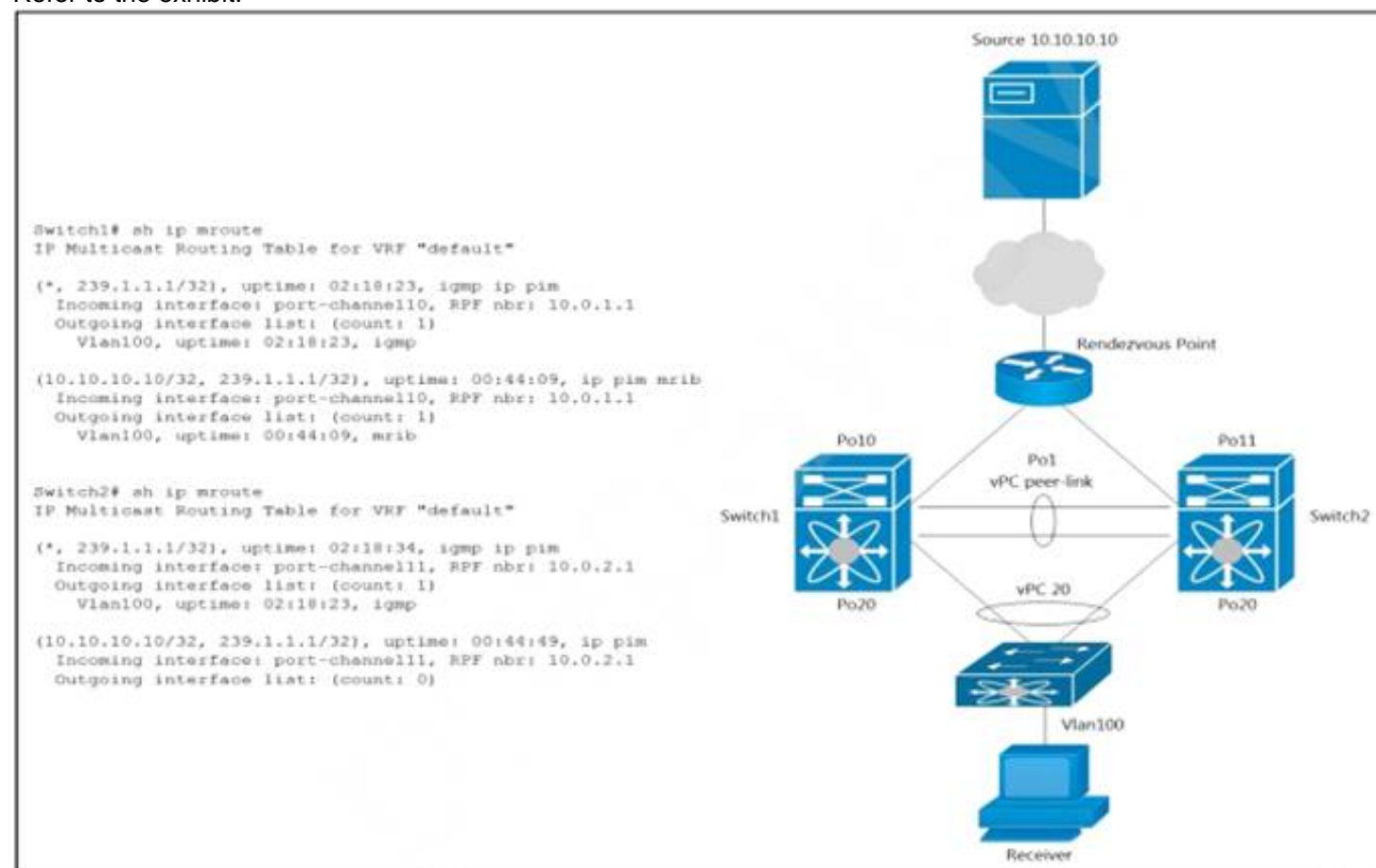B. Option B
C. Option C
D. Option D

Answer: C

Explanation:
The command write memory is not valid in NX-OS
The "event-default"

If you want to allow the triggered event to process any default actions, you must configure the EEM policy to allow the default action. For example, if you match a CLI command in a match statement, you must add the event-default action statement to the EEM policy or EEM will not allow the CLI command to execute.

NEW QUESTION 198
Refer to the exhibit.


```
Switch1# sh ip mroute
IP Multicast Routing Table for VRF "default"

(*, 239.1.1.1/32), uptime: 02:18:23, igmp ip pim
  Incoming interface: port-channel10, RPF nbr: 10.0.1.1
  Outgoing interface list: (count: 1)
    Vlan100, uptime: 02:18:23, igmp

(10.10.10.10/32, 239.1.1.1/32), uptime: 00:44:09, ip pim mrib
  Incoming interface: port-channel10, RPF nbr: 10.0.1.1
  Outgoing interface list: (count: 1)
    Vlan100, uptime: 00:44:09, mrib

Switch2# sh ip mroute
IP Multicast Routing Table for VRF "default"

(*, 239.1.1.1/32), uptime: 02:18:34, igmp ip pim
  Incoming interface: port-channel11, RPF nbr: 10.0.2.1
  Outgoing interface list: (count: 1)
    Vlan100, uptime: 02:18:23, igmp

(10.10.10.10/32, 239.1.1.1/32), uptime: 00:44:49, ip pim
  Incoming interface: port-channel11, RPF nbr: 10.0.2.1
  Outgoing interface list: (count: 0)
```

A host with a source address 10.10.10.10 sends traffic to multicast group 239.1.1.1. How do the vPC switches forward the multicast traffic?

A. If multicast traffic is received on Switch1 over the vPC peer-link, the traffic is dropped
B. If multicast traffic is received on Po10 Switch1, the traffic is forwarded out on Po1 and Po20
C. If multicast traffic is received on Po11 Switch2, the traffic is forwarded out only on Po20
D. If multicast traffic is received on Po11 Switch2, the traffic is dropped.

Answer: D

Explanation:
https://www.cisco.com/c/en/us/support/docs/ip/multicast/214140-multicast-forwarding-in-vpc-based-on-loc.htm

NEW QUESTION 203
Refer to the exhibit.

```
N7K-1
spanning-tree vlan 1-10 priority 8192

vpc domain 100
  role priority 100
  peer-keepalive destination 10.1.1.2 source 10.1.1.1
vrf default
  delay restore 60
  peer-switch
  auto-recovery
  ip arp synchronize

N7K-2
spanning-tree vlan 1-10 priority 8192

vpc domain 100
  role priority 200
  peer-keepalive destination 10.1.1.1 source 10.1.1.2
vrf default
  delay restore 60
  peer-switch
  auto-recovery
  ip arp synchronize
```
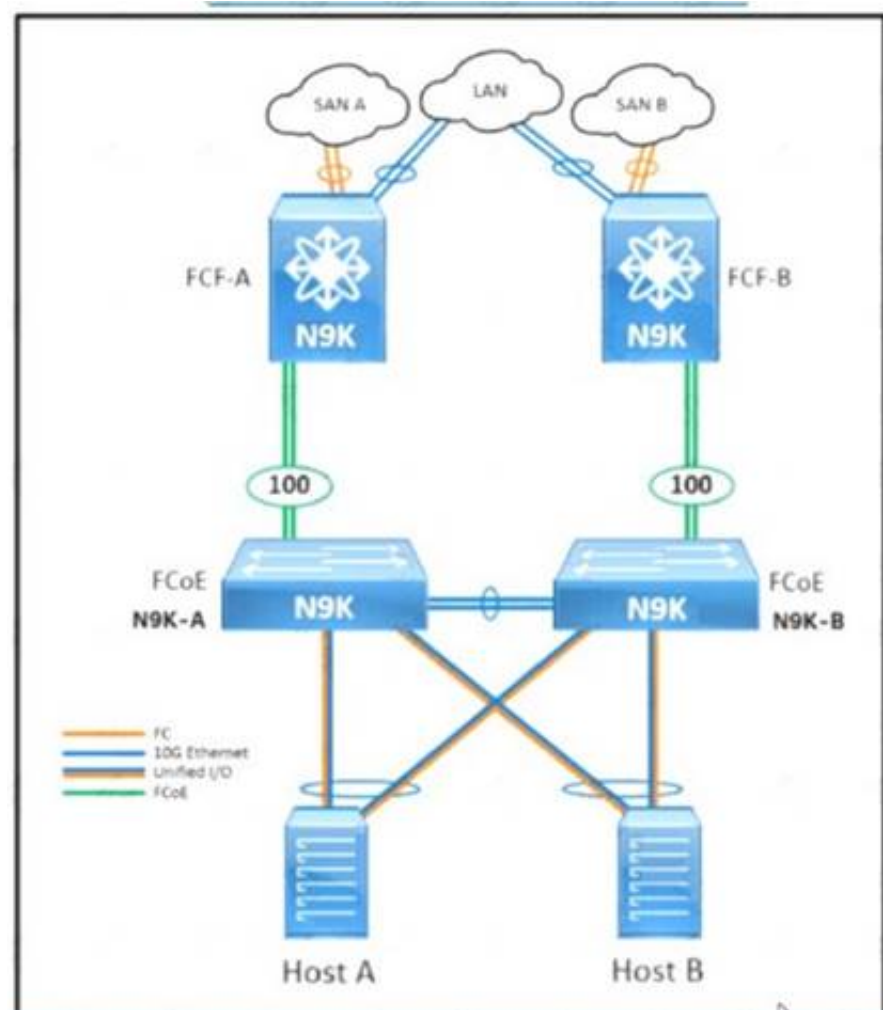
The STP priority of N7K-1 and N7K-2 are the lowest in the network. Which statement describes STP on the vPC?

A. N7K-1 appears as the STP root.
B. N7K-2 appears as the STP root.
C. N7K-1 and N7K-2 appear as a single STP root.
D. N7K-1 preempts N7K-2 as the STP root.

Answer: C

NEW QUESTION 204
Refer to the exhibit.

An engineer must configure FCoE between the N9K-A switch and the FCF-A Nexus 9000 core switch. The deployment has these characteristics:

› The N9K-Aand N9K-B top-of-rack switches share the domain ID of the core switches.

› The hosts are equipped with converged network adapters.

› The only VSAN that is permitted to traverse port-channel 100 is VSAN 20. Which configuration completes the FCoE configuration on the N9K-A device?

```
  N9K-A(config)# feature fcoe
  N9K-A(config)# feature npv
  N9K-A(config)# interface vfc 100
  N9K-A(config-if)# bind interface port-channel 100
  N9K-A(config-if)# switchport mode F
  N9K-A(config-if)# switchport trunk allowed vsan 20

  N9K-A(config)# feature fcoe
  N9K-A(config)# feature npv
  N9K-A(config)# interface vfc 100
  N9K-A(config-if)# bind interface port-channel 100
  N9K-A(config-if)# switchport mode N
  N9K-A(config-if)# switchport trunk allowed vsan 1, 20

  N9K-A(config)# feature-set fcoe-npv
  N9K-A(config)# interface vfc-port-channel 100
  N9K-A(config-if)# switchport mode NP
  N9K-A(config-if)# switchport trunk allowed vsan 20

  N9K-A(config)# feature-set fcoe-npv
  N9K-A(config)# interface vfc-port-channel 100
  N9K-A(config-if)# switchport mode E
  N9K-A(config-if)# switchport trunk allowed vsan 1, 20
```

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

Answer: C

NEW QUESTION 205
An engineer must migrate a Cisco UCS C-Series server from Cisco SingleConnect to direct integration mode. The Cisco UCS Manager Rack Server Discovery
Policy and Rack Management Connection Policy are set to immediate and Auto-Acknowledge. Which set of steps accomplishes this task?

```
  Disconnect the cables from the FEX.
  Connect the cables to appliance ports on the fabric interconnect
  Reset the Cisco IMC of the server

  Disconnect the cables from the FEX.
  Connect the cables to server ports on the fabric interconnect
  Reset the Cisco IMC of the server

  Disconnect the cables from the FEX.
  Connect the cables to appliance ports on the fabric interconnect
  Reacknowledge the server

  Disconnect the cables from the FEX.
  Connect the cables to server ports on the fabric interconnect
  Reacknowledge the server
```

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

Answer: D

NEW QUESTION 209
A customer reports Fibre Channel login requests to a cisco MDS 9000 series Switch from an unauthorized source. The customer requires a feature that will allow
all devices already logged in and learned in and learned to be added to the Fibre channel active database. Which two features must be enabled to accomplish this
goal?
(Choose two.)

A. Auto-learning
B. Port security
C. Enhanced zoning
D. Device aliases
E. Smart aliases

Answer: AB

Explanation:
https://www.cisco.com/en/US/docs/storage/san_switches/mds9000/sw/rel_3_x/configuration/guides/fm_3_3_1/p Port Security Activation By default, the port
security feature is not activated in any switch in the Cisco MDS 9000 Family. By activating the port security feature, the following apply: Auto-learning is also
automatically enabled, which means: From this point, auto-learning happens for the devices or interfaces that were already logged into the switch and also for the
new devices will login in future. You cannot activate the database until you disable auto-learning. All the devices that are already logged in are learned and are
added to the active database. All entries in the configured database are copied to the active database. After the database is activated, subsequent device login is
subject to the activated port bound WWN pairs, excluding the auto-learned entries. You must disable auto-learning before the auto-learned entries become
activated.

NEW QUESTION 213
Which protocol does Cisco Hyperflex use to share data among nodes in a VMware vSphere environment?

A. CIFS
B. FCoE
C. SMB
D. NFS

Answer: D

NEW QUESTION 217
An engineer is implementing a Cisco ACI fabric and must use static VLAN range as part of a VMM deployment. The static VLAN must be incorporated into the dynamic VLAN pool. The existing VLAN pool is set for dynamic allocation. Which action accomplishes this goal?

A. Add the VLAN to the pool configured with Inherit Allocation Mode from parent.
B. Change the existing VLAN pool to static allocation mode.
C. Add a static VLAN allocation range to the VLAN pool.
D. Create a static reservation within the dynamic VLAN pool.

Answer: C

NEW QUESTION 221
A network architect considers a Cisco HyperFlex design solution for a company. The proposed solution is for a virtual environment that is not performance-sensitive, but the solution must have high storage capacity and a low cost. Which Cisco HyperFlex storage configuration should be used?

A. All-Flash
B. Hybrid
C. All-SAN
D. All-NVMe

Answer: B

Explanation:
https://www.cisco.com/c/en/us/products/collateral/hyperconverged-infrastructure/hyperflex-hx-series/white-pap Hybrid contains HDD for capacity.
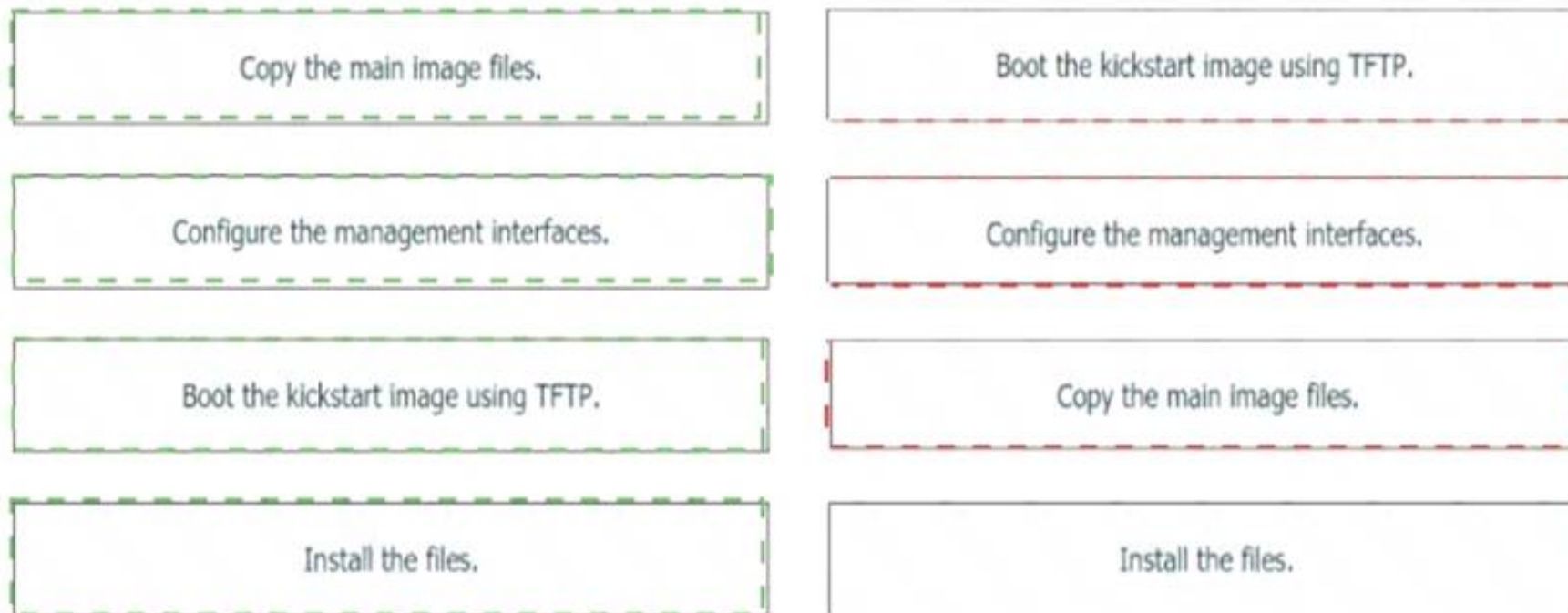
NEW QUESTION 224
Drag and drop the steps on the left onto the order that they must be implemented on the right to recover a fabric interconnect when there is no working image on the bootflash.

Copy the main image files.	step 1
Configure the management interfaces.	step 2
Boot the kickstart image using TFTP.	step 3
Install the files.	step 4

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Copy the main image files.	Boot the kickstart image using TFTP.
Configure the management interfaces.	Configure the management interfaces.
Boot the kickstart image using TFTP.	Copy the main image files.
Install the files.	Install the files.

NEW QUESTION 227
Which statement about the impact of a rolling EPLD upgrade on a Cisco MDS 9000 Series Switch is true?

A. All modules on the switch are disrupted.
B. An EPLD upgrade is nondisruptive.
C. Only the modules that are being upgraded are disrupted.
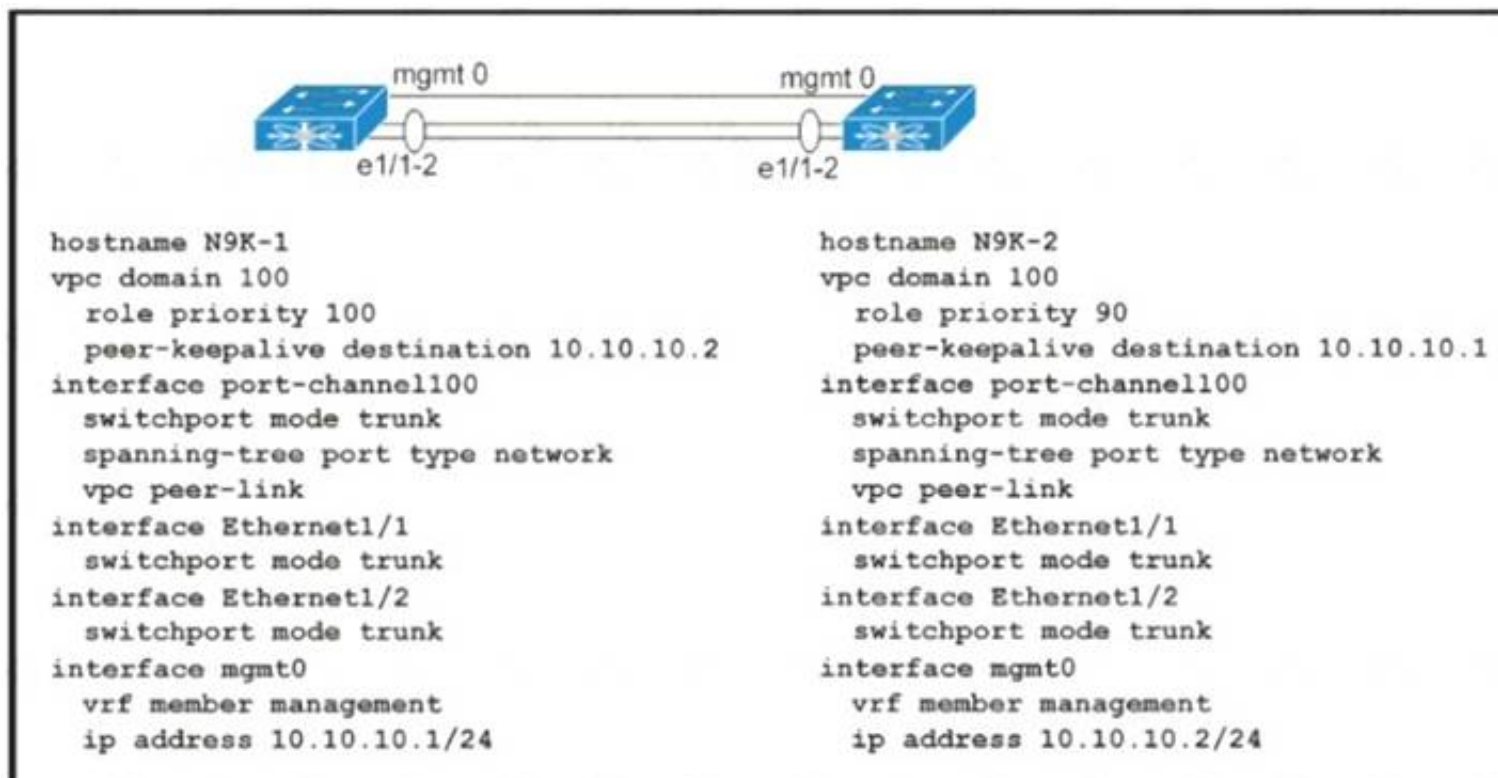D. The upgrade can be performed from the standby supervisor module.

Answer: C

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/6_2/release/notes/epld/ epld_rn.html#pgfId-241919

NEW QUESTION 231
Refer to the exhibit.


```
             mgmt 0              mgmt 0
          e1/1-2              e1/1-2

hostname N9K-1                 hostname N9K-2
vpc domain 100                 vpc domain 100
  role priority 100              role priority 90
  peer-keepalive destination 10.10.10.2    peer-keepalive destination 10.10.10.1
interface port-channel100      interface port-channel100
  switchport mode trunk          switchport mode trunk
  spanning-tree port type network  spanning-tree port type network
  vpc peer-link                  vpc peer-link
interface Ethernet1/1          interface Ethernet1/1
  switchport mode trunk          switchport mode trunk
interface Ethernet1/2          interface Ethernet1/2
  switchport mode trunk          switchport mode trunk
interface mgmt0                interface mgmt0
  vrf member management          vrf member management
  ip address 10.10.10.1/24       ip address 10.10.10.2/24
```

Which action completes the vPC domain implementation?

A. Allow VLANs on the vPC peer link member interfaces.
B. Include the VRF management on the vPC domain.
C. Configure the system MAC on the vPC domain.
D. Add the vPC member ports to the vPC channel group.

Answer: D

NEW QUESTION 233
Which Cisco UCS Manager XML encoded backup type must be used to back up user names, roles, and service profiles?

A. Full State Configuration
B. Logical Configuration
C. All Configuration
D. System Configuration

Answer: C

NEW QUESTION 238
An engineer installed a new Nexus switch with the mgm0interface in vrf management. Connectivity to the rest of the network needs to be tested from the guest shell of the NX-OS. Which command tests connectivity from the shell of the NX-OS?

[guestshell@guestshell ~]$ ping 173.37.145.84 vrf management

[guestshell@guestshell ~]$ chvrf management ping 173.37.145.84

[guestshell@guestshell ~]$ iping vrf management ip 173.37.145.84

[guestshell@guestshell ~]$ dohost "ping vrf management 173.37.145.84"

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

Answer: B

NEW QUESTION 239
Which feature is supported with an In-Service Software Upgrade on a Cisco Nexus 9000 Series Switch?

A. configuration changes during an upgrade
B. nondisruptive upgrades via nonstop forwarding
C. zero downtime downgrades via dual supervisor modules
D. upgrades to Individual modules and line cards

Answer: B

NEW QUESTION 243
An engineer configures a role for a new user in Cisco UCS Manager The role should allow the user to configure vHBAs, vNICs, and server port types. Which role should be assigned to allow the engineer to complete this task?

A. network administrator
B. operations
C. server-compute
D. AAA administrator

Answer: A

NEW QUESTION 245
Refer to the exhibit.

Which statement about the ERSPAN configuration in this environment is true.

A. Host A is the source of ERSPAN spanned traffic and host B is the traffic analyzer.
B. Host B is the source of ERSPAN spanned traffic and host A is the traffic analyzer.
C. The session number of the source of ERSPAN spanned traffic must have a session ID of 48 for the traffic analyzer to receive the traffic.
D. The session number of the source of ERSPAN spanned traffic must have a session ID of 47 for the traffic analyzer to receive the traffic.

Answer: A

NEW QUESTION 246
Refer to the exhibit.

```
Python Code:

import requests
import json

url='http://lab-93180bdlf-sw1/ins'
switchuser='dazfre'
switchpassword='ClscoroxO'

myheaders={'content-type' 'application/json')
payload={
 "ins_api": {
    "version": "1.0",
    "type": "cli_show",
    "chunk": "0",
    "sid": "1",
    "input": "configure terminal : feature hsrp",
    "output_format": "json"
 }
}
response = requests post(url,data=json.dumps(payload),
headers = myheaders,auth=(switchuser,switchpassword))

print(response.text)

ERROR MESSAGE
{
     "ins_api"     [
          "type": "cli_show"
          "version":     "1.0",
          "sid"    "eoc",
          "outputs",    [
               "output"    [{
                    "clierror" "% invalid command\n",
                    "input"     "configure terminal"
                    "msg" "input CLI command error",
                    "code"       "400"
               },{
                    "clierror" "% invalid command\n",
                    "input"     "feature hsrp",
                    "msg" "input CLI command error",
                    "code"       "400"
               }]
          }
     }
}
```

Why does the python code for Cisco NX-API print an error message?

A. The "type" is wrong in the header of the request and should be "cli_ conf".
B. NX-API does not allow configuration for features via the requests module.
C. The "type" is wrong is the body of the request and should be "cli_ conf".
D. The JSON is not a supported format for the NX-API.

Answer: C

Explanation:
"Commands that belong to different message types should not be mixed. For example, show commands are cli_show message type and are not supported in cli_conf mode." https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus7000/sw/programmability/guide/ cisco_nexus7000_programmability_guide_8x/b-cisco-nexus7000-programmability-guide- 8x_chapter_011.html
the payload "type" value is wrong in the body of the request. For the request to be successful, it should be changes to "cli_conf".
For example, if we run the same request with the updated payload:
{
"ins_api": { "version": "1.0",
"type": "cli_conf",
"chunk": "0",
"sid": "1",
"input": "configure terminal ;feature hsrp", "output_format": "json"
}
}
We get a 200 response:
{
"ins_api": { "sid": "eoc",
"type": "cli_conf",
"version": "1.0", "outputs": {
"output": [
{
"code": "200",
"msg": "Success",
"body": {}
},
{
"code": "200",

"msg": "Success",
"body": {}
}
]
}
}
}
CLI verification: nxos9kv# sh run | inc hsrp feature hsrp

NEW QUESTION 248
Refer to the exhibit.

```
N7Switch# sh run | section callhome
callhome
  email-contact admin@acme.com
  phone-contact +1-800-123-4567
  streetaddress 111 Somestreet st. Sometown, Somewhere
  destination-profile full_txt email-addr netadmin@acme.com
  transport email smtp-server 192.168.1.25 port 25
  transport email from N7Switch@acme.com
  enable
  alert-group Inventory user-def-cmd show logging last 100
N7Switch#
```

A network engineer is configuring the Smart Call Home feature on a Cisco Nexus Series Switch. An email must be generated that contains the last 100 lines of the log every time a new piece of hardware is inserted into the chassis. Which command must be added to the configuration to receive the email?

A. alert-group Linecard-Hardware user-def-cmd show logging last 100
B. destination-profile Operations alert-group Inventory
C. destination-profile Operations message-level 2
D. alert-group Operations user-def-cmd show logging last 100
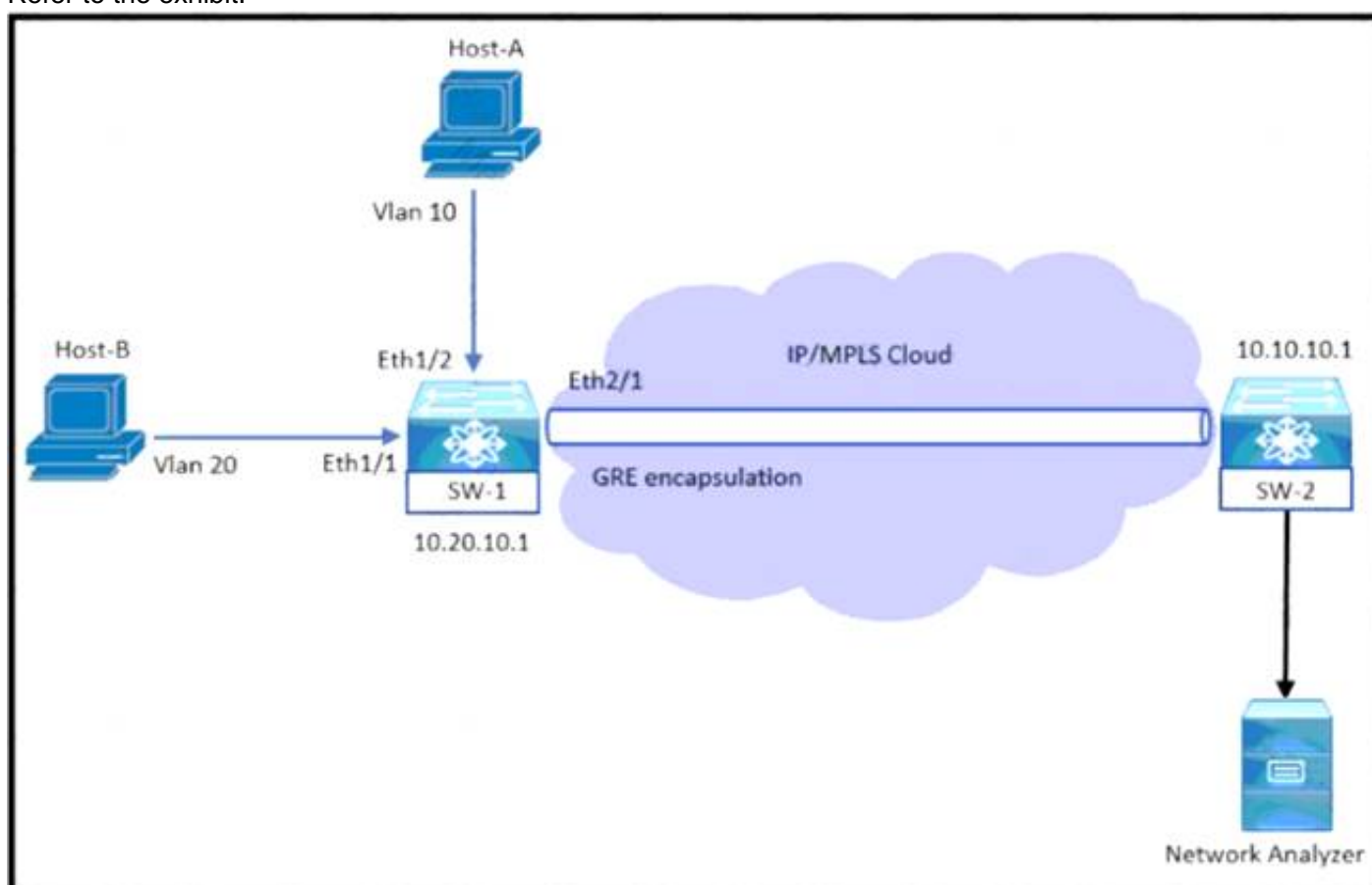
Answer: A

NEW QUESTION 249
A network engineer must migrate a Cisco WSA virtual appliance from one physical host to another physical host by using VMware vMotion. What is a requirement for both physical hosts?

A. The hosts must run Cisco AsyncOS 10.0 or greater.
B. The hosts must have access to the same defined network.
C. The hosts must run different versions of Cisco AsyncOS.
D. The hosts must use a different datastore than the virtual appliance

Answer: B

NEW QUESTION 250
Refer to the exhibit.

An engineer monitors ingress traffic from Host-A and all traffic for VLAN 20 from Host-B Which configuration must be implemented to monitor and export traffic to Network Analyzer?

```
SW-1(config)# monitor session 5
SW-1(config-monitor)# source interface ethernet 1/2 rx
SW-1(config-monitor)# source interface ethernet 1/1 tx
SW-1(config-monitor)# source vlan 20 both
SW-1(config-monitor)# destination ip 10.10.10.1
SW-1(config-monitor)# no shut

SW-1(config)# monitor session 5 type erspan-source
SW-1(config-erspan-src)# source interface ethernet 1/2 rx
SW-1(config-erspan-src)# source vlan 20 both
SW-1(config-erspan-src)# destination ip 10.10.10.1
SW-1(config-erspan-src)# erspan-id 111
SW-1(config-erspan-src)# no shut

SW-1(config)# monitor session 5 type erspan
SW-1(config-erspan-src)# source interface ethernet 1/2 rx
SW-1(config-erspan-src)# source interface ethernet 1/1 both
SW-1(config-erspan-src)# destination ip 10.10.10.1
SW-1(config-erspan-src)# mtu 1000
SW-1(config-erspan-src)# no shut

SW-1(config)# monitor session 5
SW-1(config-monitor)# source interface ethernet 1/2 rx
SW-1(config-monitor)# source interface ethernet 1/1 both
SW-1(config-monitor)# source vlan 20 both
SW-1(config-monitor)# destination interface ethernet 2/1
SW-1(config-monitor)# no shut
```

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

Answer: B

NEW QUESTION 255
An engineer must implement the FCoE on the Cisco Nexus 9000 Series Switch-based infrastructure. The deployment will contain dual-homed fabric extenders and must support jumbo frames with port channels. Which two sets of actions complete the configuration? (Choose two.)

Configure the interface with mtu 9516.
Disable the feature NPIV.

Create a virtual Fibre Channel interface.
Bind vFC to physical interface.

Create a FCoE switch profile.
Enable config sync.

Create a dedicated VSAN for FEX.
Bind VSAN to FEX uplinks.

Execute fcoe enable-fex.
Configure FEX uplinks with mtu 9216.

A. Option A
B. Option B
C. Option C
D. Option D
E. Option E

Answer: BE

NEW QUESTION 260
Which virtualization feature is provided by network-attached storage?

A. ALUA path redirection
B. hypervisor host boot LUN
C. VM cluster shared disk
D. raw device passthrough

Answer: C

NEW QUESTION 263
An engineer must configure the HSRP protocol between two Cisco Nexus 9000 Series Switches This configuration is present on Nexus A.

```
! Nexus A
key chain NHRP-KEYS
  key 1010
    key-string 7 072a43795c1d0c4050883003163b3e2121a720361a021e11
    accept-lifetime 00:00:00 Jan 01 2021 23:59:59 Aug 31 2021
    send-lifetime 00:00:00 Jan 01 2021 23:59:59 Jul 31 2021
  key 1020
    key-string 7 086f43cd5c150c1702630203163b3e2221a520261a011a12
    accept-lifetime 00:00:00 Jul 01 2021 23:59:59 Dec 31 2021
    send-lifetime 00:00:00 Jul 01 2021 23:59:59 Dec 31 2021
interface ethernet 1/1
  ip 209.165.200.226/27
hsrp 200
  priority 201
  ip 209.165.200.225
  -- missing output --
no shutdown
```

The final HSRP configuration must meet these requirements

≫ The HSRP communication must be secured on both switches

≫ Both switches must support more than 300 groups

Which two commands must be added to the HSRP configuration on Nexus A to complete these requirements? (Choose two)

A. hsrp version 1
B. hsrp version 2
C. authentication text 1020
D. authenticate md5 key-chain NHRP-KEYS
E. authentication text 1010

Answer: BD

NEW QUESTION 265
A network engineer needs to upgrade the EPLDs of the fabric modules for a Cisco MDS director-class switch. In which order are components reloaded during the process?

A. one fabric module at the time
B. all fabric modules followed by the entire switching platform
C. all fabric modules in parallel
D. one module and one supervisor at the time

Answer: C

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/7_3/release
_notes/epld/epld_rn_7x.html
Graphical user interface, text, application Description automatically generated

Installing a Fabric Module EPLD Update

The Cisco MDS 9700 series and Cisco MDS 9513 director class switch have dedicated fabric modules. These modules contain EPLDs, which can be upgraded as described in this section. All other Cisco MDS switches do not have these modules, so this process is not applicable for them.

For Cisco MDS 9700 Series of switches, use the **install all epld** *uri* **parallel xbar-module** *slot* command to update EPLD images on the fabric modules. This process reloads the updated module. To ensure that the data traffic performance is not affected while the module is reloading, check the fabric bandwidth utilization by using the **show hardware fabric-utilization detail** command. If there is adequate reserve fabric bandwidth available before the update starts, then the update will be nondisruptive.

NEW QUESTION 268
An engineer needs to connect Cisco UCS Fabric Interconnect (FI) to an external storage array. Due to budget limitations, the engineer must connect a Cisco UCS FI directly to an FC storage port. Which two actions must be taken to complete this connection? (Choose two.)

A. Configure the fabric interconnect in FC switch mode.
B. Set FC zoning to disabled when creating the VSAN
C. Create a storage connection policy.
D. Configure the fabric interconnect in end-host mode,
E. Create the required VSAN in the SAN cloud.

Answer: AE

NEW QUESTION 272
A Cisco ACI engineer must configure an access port on a Cisco ACI leaf switch. The access policy should be configured so that it supports L3Out connectivity concurrently with several EPGs that are mapped to this interface with the static port method. How should the access policy be configured?

A. by linking the interface policy group to multiple Attachable Access Entity Profiles
B. with a single Attachable Access Entity Profile that is linked to the corresponding routed domain and physical domain
C. with two interface policy groups that are linked to the same interface profile port selector
D. by mapping a single physical domain, mapped to the L3out and EPG interfaces

Answer: D

NEW QUESTION 275
What are two types of FC/FCoE oversubscription ratios? (Choose two.)

A. server storage to end-node count
B. port bandwidth to uplink bandwidth
C. edge ISL bandwidth to core ISL bandwidth
D. host bandwidth to storage bandwidth
E. switch processing power to end-node processing power

Answer: CD

Explanation:
https://www.ciscolive.com/c/dam/r/ciscolive/us/docs/2017/pdf/BRKDCN-1121.pdf
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/operations/n5k_fcoe_ops.html

NEW QUESTION 280
An engineer must start a software upgrade on a Cisco Nexus 5000 Series Switch during a zone merge. What is the result of this action?

A. The zone merge stops.
B. The zone merge pauses until the upgrade completes
C. The upgrade stops
D. The zone merge executes and then the upgrade completes.

Answer: C

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5500/sw/upgrade/602_N2_2/n5500_upgrade_d

The specific requirements for a nondisruptive upgrade (ISSU) are as follows:

- Topology requirements– A Cisco Nexus device on which an ISSU is being initiated should not be in one of the unsupported topologies listed in the previous figure. No interface should be in a spanning-tree designated forwarding state. Also, do not configure Bridge Assurance on any interface of the Cisco Nexus device. vPC peer-link is an exception to these requirements

- Layer 2 requirement– The ISSU process aborts if the system has any Link Aggregation Control Protocol (LACP) fast timers configured.

- FC/FCoE requirements–Check that the topology is stable for an ISSU to work correctly. You must check the following:

 - Domain Manager–As part of the installation process, domain manager checks if the fabric is in a stable state. If the fabric is not stable, the installation aborts.

 - CFS–As part of the installation process, Cisco Fabric Services (CFS) checks if any application (ntp.fsm, rcsn, fctime) is locked. If any application is holding a CFS lock, the installation aborts.

 - Zone Server– The installation process aborts if a zone merge or zone change request is in progress.

 - FSPF–As part of the upgrade process, Fabric Shortest Path First (FSPF) verifies if the configured interface dead interval is more than 80 seconds; otherwise, the installation aborts.

NEW QUESTION 284
The VMM domain is integrated between Cisco APICs and vCenter using a distributed vSwitch. The traffic must be blocked between a subset of endpoints in an EPG based on specific VM attributes and the rest of the VMs in that EPG. Which set of actions blocks this traffic?

○ 1. Set Allow Microsegmentation under the EPG VMM Domain Association to "True"
    2. Set Intra-EPG Isolation to "Enforced" for the EPG
    3. Set Intra-EPG Isolation to "Enforced" for the uSeg EPG

○ 1. Set Allow Microsegmentation under the EPG VMM Domain Association to "True"
    2. Set Intra-EPG Isolation to "Unenforced" for the EPG
    3. Set Intra-EPG Isolation to "Unenforced" for the uSeg EPG

○ 1. Set Allow Microsegmentation under the EPG VMM Domain Association to "False"
    2. Set Intra-EPG Isolation to "Unenforced" for the EPG
    3. Set Intra-EPG Isolation to "Enforced" for the uSeg EPG

○ 1. Set Allow Microsegmentation under the EPG VMM Domain Association to "True"
    2. Set Intra-EPG Isolation to "Enforced" for the EPG
    3. Set Intra-EPG Isolation to "Unenforced" for the uSeg EPG

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

Answer: A

NEW QUESTION 288
An administrator needs to configure an automated policy to shut down a link when a given threshold is exceeded on MDS switch. Which feature needs to be used?
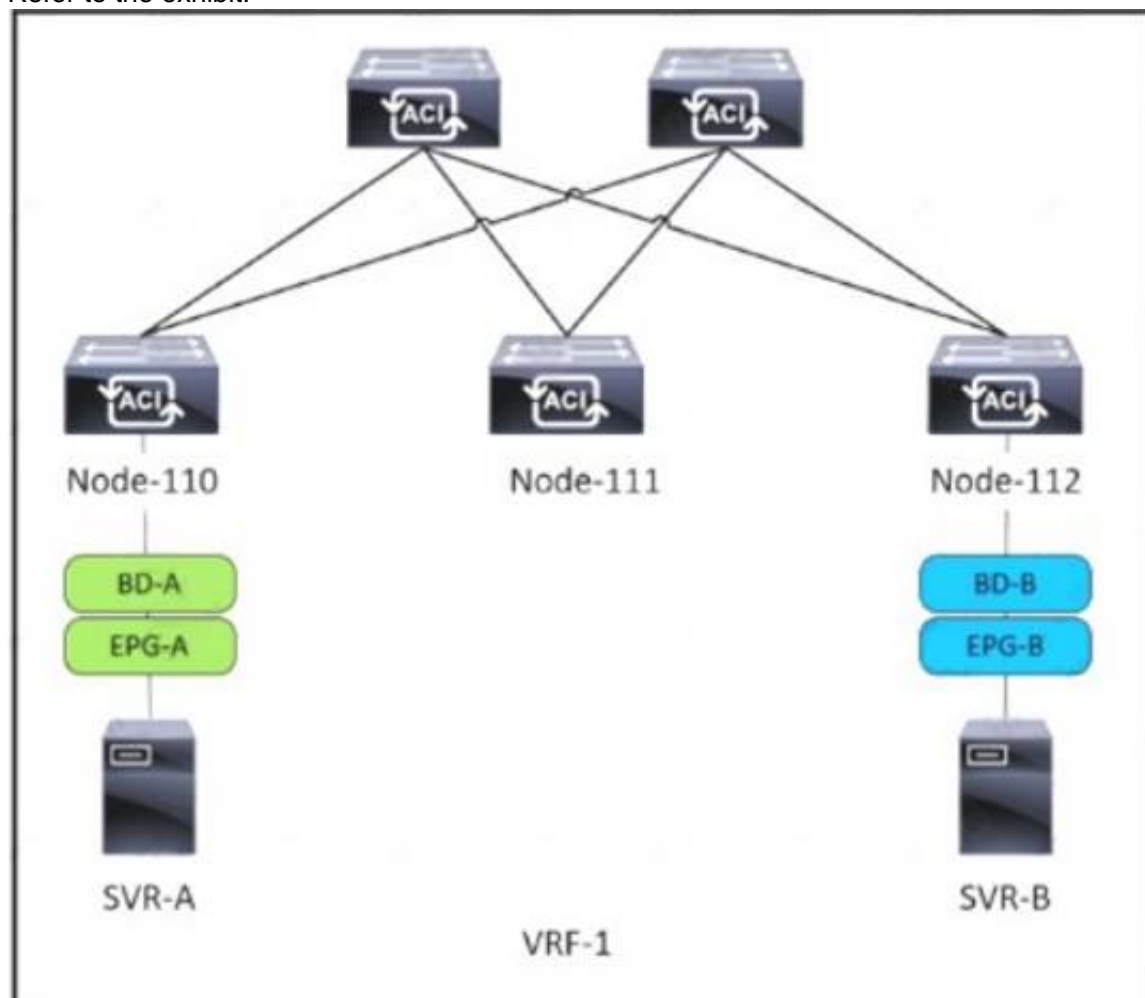
A. Scheduler
B. RMON
C. EEM
D. Call Home

Answer: C

Explanation:
 https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/6_2/configuration/guides/ interfaces/nx-os/cli_interfaces/intf.html

NEW QUESTION 291
Refer to the exhibit.

SVR-A in EPG-A/BD-A fails to reach SVR-B in EPG-B/BD-B. Which two conditions should be verified to analyze the traffic between the two EPGs? (Choose two.)

A. A contract exists between EPG-A and EPG-B and allows the traffic.
B. Limit Endpoint Learning is disabled on the bridge domain for EPG-B.
C. SVR-B is learned as an endpoint in EPG-B from Node-112.
D. EPG-A and EPG-B are excluded from the preferred group.
E. The bridge domain for EPG-B floods ARP packets.

Answer: AC

NEW QUESTION 293
An engineer must configure multiple EPGs on a single access port in a large Cisco ACI fabric without using VMM integration. The relevant access policies and tenant policies have been created. A single AAEP is used to configure the access port in the fabric. Which two additional steps must be taken to complete the configuration? (Choose two.)

A. A contract must be defined between the EPGs
B. The EPGs must be linked to the correct physical domain
C. The EPGs must link directly to the corresponding AAEP
D. The corresponding bridge domains must be configured in legacy mode
E. The EPGs must be configured as static ports

Answer: BE

Explanation:
Attach EPG to Physical Domain (to AAEP through it) and add static ports to EPG
Contract is needed to allow communication between two EPGs, or EPG and L3out or between two L3out

NEW QUESTION 298
A network engineer must configure a Cisco MDS switch to use the local user database for console access if all AAA servers are unreachable. Which configuration should be applied to complete this task?

A. aaa authentication login default fallback error local
B. aaa authentication login console fallback error local
C. aaa authentication login default local
D. aaa authentication login console local

Answer: B

NEW QUESTION 301
What is a characteristic of the install all command on the cisco Nexus series switch?

A. Upgrades only certain modules
B. Automatically checks the image integrity
C. Impact data plan traffic
D. Continues the upgrade process if any step in the sequence fails

Answer: B

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/7-x/upgrade/guide/ b_Cisco_Nexus_9000_Series_NX-OS_Software_Upgrade_and_Downgrade_Guide_Release_7x/ b_Cisco_Nexus_9000_Series_NXOS_Software_Upgrade_and_Downgrade_Guide_Release_7x_chapter_010.html
install all command automatically checks the image integrity, which includes the NXOS software image. The command performs a platform validity check to verify that a wrong image is not used. https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus3000/sw/upgrade/7_x/b_Cisco_Nexus_3000_S

NEW QUESTION 302
Which MAC address is an HSRP version 2?

A. 0100.5E7F.FFFF
B. 3799.9943 3000
C. 0000.0C9F.F0C8
D. 0000.OC07.AC1H

Answer: C

NEW QUESTION 304
Several production and development database servers exist in the same EPG and IP subnet. The IT security policy is to prevent connections between production and development. Which attribute must be used to assign the servers to different microsegments?

A. Data center
B. VMM domain
C. VM name
D. IP address

Answer: C

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/3-x/virtualization/b_ACI_Virtualization_

Example: Microsegmentation with Cisco ACI Within a Single EPG or Multiple EPGs in the Same Tenant

You might assign web servers to an EPG so that you can apply the similar policies. By default, all endpoints within an EPG can freely communicate with each other. However, if this web EPG contains a mix of production and development web servers, you might not want to allow communication between these different types of web servers. Microsegmentation with Cisco ACI allows you to create a new EPG and autoassign endpoints based on their VM name attribute, such as "Prod-xxxx" or "Dev-xxx".

NEW QUESTION 309
Refer to the exhibit.


```
switch(config-dest)# sensor-group 100
switch(conf-tm-sensor)# path show_stats_fc3/1
switch(conf-tm-sensor)# subscription 100
switch(conf-tm-sub)# [                    ]
switch(conf-tm-sub)# dst-grp 100
```

An engineer needs to implement streaming telemetry on a cisco MDS 9000 series switch. The requirement is for the show command data to be collected every 30 seconds and sent to receivers. Which command must be added to the configuration meet this requirement?

A. Sensor-grp 200 sample-period 30000
B. Snsr-grp 200 sample-interval 30
C. Sensor-grp 200 sample-period 30
D. Snsr-grp 200 sample-interval 30000

Answer: D

Explanation:
snsr-grp <id> sample-interval <interval> Currently, sensor group ID supports only numeric ID values. Specify the streaming sample interval value; the value must

be in milliseconds. The minimum streaming sample interval that is supported is 30000 milliseconds.
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/8_x/config/san_analytics/cisco-mds900

NEW QUESTION 312
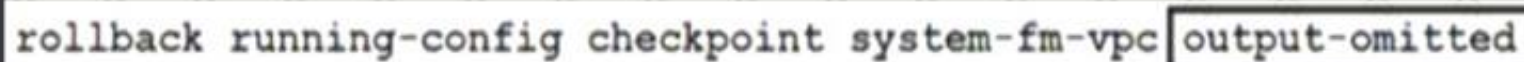Which data structure results from running this Python code?

```
>>> import json
>>> f = open('fname.json', 'r')
>>> var1 = json.load(f)
>>> var1
{u'bd': u'bd1', u'ap': {u'epgs': [{u'name': u'app'}, {u'name': u'web'}, {u'name':
u'db'}], u'name': u'OnlineStore'}, u'name': u'39106329', u'pvn': u'pvn1'}
```

A. Set
B. Tuple
C. Dictionary
D. List

Answer: A

NEW QUESTION 313
Refer to the exhibit.

```
rollback running-config checkpoint system-fm-vpc  output-omitted
```

A network engineer is implementing a configuration checkpoint on a Cisco Nexus 9000 Series Switch. The configuration must skip any existing vPC configuration errors and must complete if there are any configuration errors. The engineer finished the vPC domain configuration part. Which command completes the checkpoint implementation?

A. stop-at-first-failure
B. atomic
C. best-effort
D. verbose

Answer: C

NEW QUESTION 316
APIC EPG Resolution Immediacy is set to "Immediate" Which statement is true about the Deployment Immediacy for VMM domains associated to EPGs?

A. The "Immediate" and "On demand" options require a port group to be created on the VDS.
B. If "On demand" is selected, the policy is programmed in the hardware only when the APIC detects a VM created in the EPG.
C. If "On demand" is selected the policy is programmed in the hardware only when the first packet is received through the data path.
D. If "immediate" is selected the policy is programmed in the hardware as soon as the leaf is booted.

Answer: C

Explanation:
"Deployment Immediacy On demand — Specifies that the policy is programmed in the hardware policy CAM only when the first packet is received through the data path."
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b_ACI-Fundament

NEW QUESTION 317
A network engineer must perform a backup and restore of the Cisco Nexus 5000 Series Switch configuration. The backup must be made to an external backup server. The only protocol permitted between the Cisco Nexus Series switch and the backup server is UDP. The backup must be used when the current working configuration of the switch gets corrupted. Which set of steps must be taken to meet these requirements?

A. 1. Perform a running-config backup to an SFTP serve
B. 2. Copy backup-config from the SFTP server to the running-config file.
C. 1. Perform a startup-config backup to a TFTP serve
D. 2. Copy backup-config from the backup server to the running-config file.
E. 1. Perform a running-config backup to an SCP serve
F. 2. Copy running-config in the boot flash to the running-config file.
G. 1. Perform a startup-config backup to an FTP serve
H. 2. Copy startup-config in the boot flash to the running-config file.

Answer: B

Explanation:
TFTP runs on UDP 69 = Is correct

NEW QUESTION 322
An engineer must recover the Cisco UCS system The full backup is available on a backup SCP server Which set of actions recovers the configuration of the Cisco UCS Manager?

○ Copy the backup file to a USB drive.
  Copy the running-config.

○ Create a scheduled restore job.
  Reboot the UCS Manager.

○ Create an import-config task.
  Set the action to Replace.

○ Factory reset the fabric interconnect.
  Select the Restore feature.

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

Answer: C

NEW QUESTION 327
Which two settings must be configured before enabling a Cisco UCS Manager domain for Cisco Intersight connectivity? (Choose two.)

A. syslog redirection
B. DNS servers
C. SMTP servers
D. NTP servers
E. SMTP reply-to-address

Answer: BD

Explanation:
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Admin-Management/4-1/b_Cisco_UCS_Admin_Mgmt_Guide_4-1/m_gui_cisco_intergight_management.html

NEW QUESTION 330
An engineer must configure OSPF routing on Cisco Nexus 9000 Series Switches. The IP subnet of the Eth 1/2 interface for both switches must be advertised via OSPF. However, these interfaces must not establish OSPF adjacency or send routing updates. The current OSPF adjacency over the interface Eth1/1 on SW1 and Eth1/1 on SW2 must remain unaffected. Which configuration must be applied to both Nexus switches to meet these requirements?

A. interface ethernet 1/2passive-interface default
B. Interface ethernet 1/2Ip ospf network point-to-point
C. interface ethernet 1/2ip ospf passive-interface
D. interface ethernet 1/2no ip ospf passive-Interface

Answer: C

NEW QUESTION 332
A network administrator must automate the process of pinging all the IP addresses from the 10.0.0.0/8 subnet. The subnet is already present in the ARP table of the Cisco Nexus switch. Drag and drop the bash commands to generate the desired output. Not all commands are used.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
vsh -c "show ip arp", awk'{print "ping" $1}', vsh, egrep "statistics|loss"

NEW QUESTION 333
A network architect wants to propose a scalable network monitoring solution in which data is repeatedly acquired from network devices. The solution must use a push model and provide close to realtime access to operational data. Which technology must be used to meet these requirements?

A. streaming telemetry
B. logging
C. SNMPv3
D. CLI-based scripting

Answer: A

Explanation:
https://blogs.cisco.com/developer/its-time-to-move-away-from-snmp-and-cli-and-use-model-driven-telemetry

Why Model-Driven Telemetry?

Model-Driven Telemetry is a new approach for network monitoring in which data is streamed from network devices continuously using a push model and provides near real-time access to operational statistics. You can precisely define what data you want to subscribe to using standard YANG models (YANG is a data modeling language used to model configuration and state data manipulated by the NETCONF protocol) with no CLI required. It allows network devices to continuously stream real time configuration and operating state information to subscribers. Structured data is published at a defined cadence, or on-change, based upon the subscription criteria and data type.

NEW QUESTION 335
An engineer changed a configuration and must perform a rollback. Which statement applies to a Cisco Nexus 5600 Series switch?

A. Errors are skipped when an atomic rollback type is triggered.
B. A user who is assigned to the network-operator user role can perform a rollback.
C. The configuration rollback functionality is disabled when FCoE is enabled.
D. A system checkpoint is generated automatically when the running configuration is saved to NVRAM.

Answer: C

Explanation:
 https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/system_management/503_n1_1/
cisco_n5k_system_mgmt_cg_rel_503_n1_1_chapter11.pdf
https://www.google.com/url?sa=t&source=web&rct=j&url=https://www.cisco.com/c/en/us/td/docs/switches/
datacenter/nexus5000/sw/system_management/503_n1_1/
cisco_n5k_system_mgmt_cg_rel_503_n1_1_chapter11.pdf&ved=2ahUKEwjQ8ubTuK3xAhWm3jgGHZ9gB
0oQFjAAegQIBRAC&usg=AOvVaw2j0nnvXiChAoVooxX2Qx0g

NEW QUESTION 340
A host EPG Client wants to talk to a webserver in EGP Web. A contract with default settings is defined between EPG Client and EPG Web, which allows TCP communication initiated by the client toward the webserver with TCP destination port 80. Which statement is true?

A. If EPG Web is made a preferred group member, a contract between EPG Client and EPG Web is no longer required for the host in EPG Client to reach the webserver in EPG Web.
B. If vzAny is configured to consume and provide a "deny all" contract, traffic between EPG Client and EPG Web is no longer allowed.
C. The host in EPG Client is allowed to connect to TCP destination port 80 on the webserver in EPG Web.The webserver will not be allowed to initiate a separate TCP connection to a host port with TCP source port 80.
D. The host in EPG Client is allowed to connect to TCP destination port 80 on the webserver in EPG Web.The webserver is allowed to initiate a separate TCP connection to a host port with TCP source port 80.
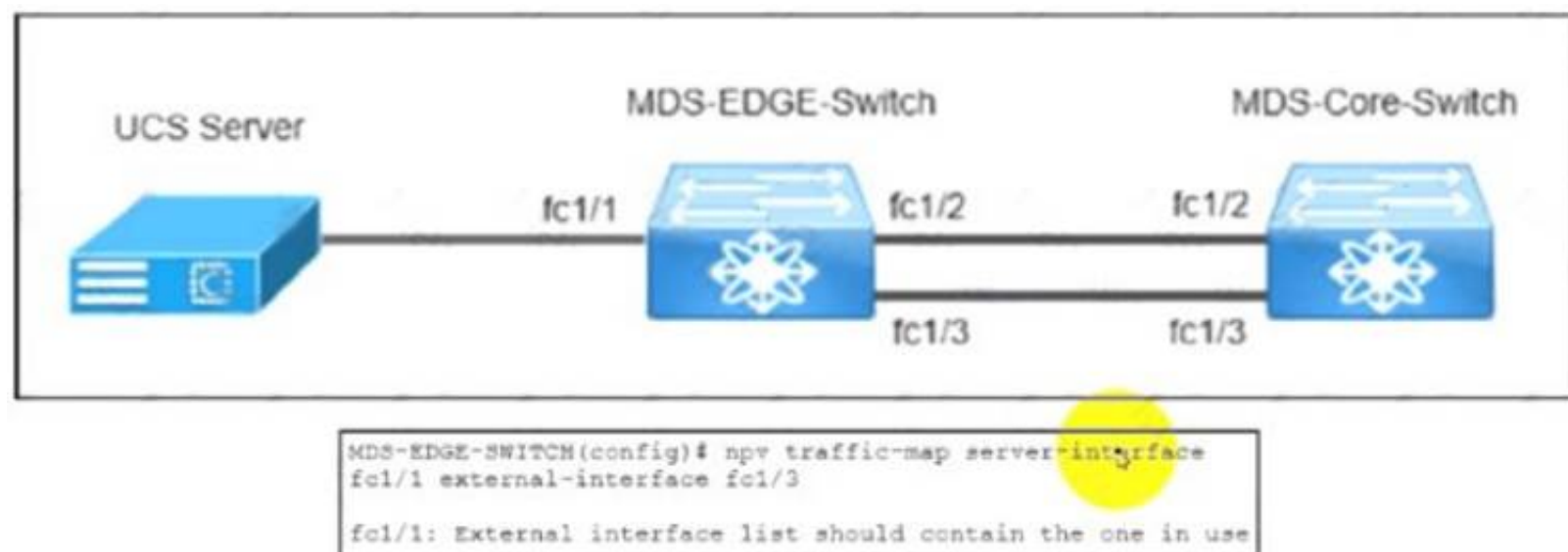
Answer: D

Explanation:
Apply Both Direction and Reverse Filter Port in the subject for the filter. These two options are by default enabled...This means that if the provider EPG initiates traffic toward the consumer EPG, the Cisco ACI fabric allows it for any destination ports if the source port is 80.
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/Operating_ACI/guide/
b_Cisco_Operating_ACI/b_Cisco_Operating_ACI_chapter_01000.html Reverse filter and apply in both directions is default.
If a filter allows traffic from any consumer port to a provider port (e.g. 8888), if reverse port filtering is enabled and the contract is applied both directions (say for TCP traffic), either the consumer or the provider can initiate communication. The provider could open up a TCP socket to the consumer using port 8888, whether the provider or consumer sent traffic first. https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/Operating_ACI/guide/
b_Cisco_Operating_ACI/b_Cisco_Operating_ACI_chapter_01000.html

NEW QUESTION 344
Refer to the exhibit.

The MDS-EDGE-Switch and MDS-Core-Switch are configured with NPV and NPIV features The FLOGI from Cisco UCS is received by the MDS-Core-Switch on interface fc1/2. An engineer tried to move all traffic between the MDS-EDGE-Switch and MOS-Core-Switch from interface fc 1/2 to fc1/3, but the attempt failed.

Which set of actions completes the configuration?

○ Disable the NPV feature in the MDS-EDGE-Switch.
  Re-enable the NPV feature.
  Disable interface fc1/1.

○ Disable the NPIV feature in the MDS-EDGE-Switch.
  Re-enable the NPIV feature.
  Disable interface fc1/3.

○ Shut down fc1/1 in the MDS-EDGE-Switch.
  Re-apply the command.
  Enable interface fc1/1.

○ Shutdown fc1/3 in the MDS-EDGE-Switch.
  Re-apply the command.
  Enable interface fc1/3.

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

Answer: C

NEW QUESTION 347
Refer to the exhibit.

```
monitor fabric session mySession

    description "This is my fabric ERSPAN session"

    destination tenant t1 application app1 epg epg1 destination-ip 192.0.20.123 source-ip-prefix 10.0.20.1

        erspan-id 100

        ip dscp 42

        ip ttl 16

        mtu 9216

        exit

    source interface eth 1/1 switch 101

        direction tx

        filter tenant t1 bd bd1

        filter tenant t1 vrf vrf1

    no shut
```

An engineer needs to implement a monitoring session that should meet the following requirements:
• Monitor traffic from leaf to leaf switches on a Cisco ACI network
• Support filtering traffic from Bridge Domain or VRF
Which configuration must be added to meet these requirements?

A. interface eth 1/2 switch 101
B. interface eth 1/2 leaf 101
C. filter tenant t1 application app1 epg epg1
D. application epg epg1 app1

Answer: C

NEW QUESTION 350
An engineer needs to perform a backup of user roles and locales from Cisco UCS Manager to replicate the setting to a different fabric interconnect. The engineer wants to review the file before importing it to a target fabric interconnect. Which backup type must be selected to meet these requirements?

A. all configuration
B. system configuration
C. logical configuration
D. full state

Answer: B

Explanation:
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Admin-Managem

• **System configuration**—An XML file that includes all system configuration settings such as usernames, roles, and locales. You can use the file generated from this backup to import these configuration settings to the original fabric interconnect or to a different fabric interconnect. You cannot use this file for a system restore.

NEW QUESTION 354

An engineer must perform an initial configuration of VXLAN Tunnel End-Point functionality on the Cisco Nexus 9000 Series platform All the necessary features are already enabled on the switch Which configuration set must be used to accomplish this goal?

```
NX9K(config)# interface loopback0
NX9K(config-if)# ip address 10.10.10.11/32

NX9K(config)# interface overlay0
NX9K(config-if-overlay)# source-interface loopback0

NX9K(config)# interface VLAN10
NX9K(config-if-nve)# source-interface loopback0
```

```
NX9K(config)# interface loopback0
NX9K(config-if)# ip address 10.10.10.11/32

NX9K(config)# interface tunnel1
NX9K(config-if)# tunnel source loopback0

NX9K(config)# interface ethernet1/1
NX9K(config-if)# ip unnumbered loopback0
```

```
NX9K(config)# interface loopback0
NX9K(config-if)# ip address 10.10.10.11/32

NX9K(config)# interface nve1
NX9K(config-if-nve)# source-interface loopback0

NX9K(config)# interface ethernet1/1
NX9K(config-if)# ip unnumbered loopback0
```

```
NX9K(config)# interface loopback0
NX9K(config-if)# ip address 10.10.10.11/32

NX9K(config)# interface VLAN10
NX9K(config-if)# ip unnumbered loopback0

NX9K(config)# interface nve1
NX9K(config-if-nve)# source-interface loopback0
```

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

Answer: D

NEW QUESTION 356
Which behavior defines streaming telemetry as a push model in Cisco devices?

A. Monitoring clients are pulling data from the network to see real-time statistics
B. JSON encoded telemetry data is transported using the gRPC protocol
C. The network devices send data in JSON or GPB format to configured endpoints
D. Events and network changes generate telemetry data

Answer: D

Explanation:
https://developer.cisco.com/docs/ios-xe/#!streaming-telemetry-quick-start-guide/streaming-telemetry

NEW QUESTION 359
Which communication method does NFS use for requests between servers and clients?

A. XDR
B. SSC
C. PRC
D. SMB

Answer: C

Explanation:
https://www-uxsup.csx.cam.ac.uk/pub/doc/redhat/WS2.1/rhl-rg-en-7.2/ch-nfs.html

NEW QUESTION 364
A Cisco Nexus 7000 Series switch runs VXLAN, and interface Ethernet 7/30 is configured as a trunk port. Which command set configures the switch to act as a gateway for VLAN 50?
interface Ethernet7/30 no switchport
no shutdown
service instance 1 vni no shutdown

A. encapsulation profile VSI_50_TO_500 default
B. encapsulation profile vni VSI_50_TO_500 dot1q 500 vni 50bridge-domain 500member vni 50 interface Vlan500ip address 10.50.50.51/24
C. encapsulation profile vni VSI_50_TO_500 dot1q 500 vni 50bridge-domain 500member vni 50 interface Bdi500jp address 10.50.50.51/24
D. encapsulation profile vni VSI_50_TO_500 dot1q 50 vni 500bridge-domain 50member vni 500 interface Bdi50ip address 10.50.50.51/24
E. encapsulation profile vni VSI_50_TO_500 dot1q 50 vni 500bridge-domain 50member vni 500 interface Vlan50ip address 10.50.50.51/24

Answer: C

NEW QUESTION 368
Refer to the exhibit.

```
vlan 10
  fcoe vsan 10

interface ethernet 1/3
  spanning-tree port type edge trunk
  switchport mode trunk
  switchport trunk allowed vlan 1, 10
```

An engineer must configure FCoE on a Cisco Nexus switch. Which two command sets complete this configuration? (Choose two.)

☑ interface vfc 10
    bind interface fcoe-vfc 1/3
    no shut

☐ vsan database
    vsan 10 interface ethernet 1/3

☑ interface fcoe 10
    bind interface ethernet 1/3
    no shut

☐ interface vfc 10
    bind interface ethernet 1/3
    no shut

☐ vsan database
    vsan 10 interface vfc 10

A. Option A
B. Option B
C. Option C
D. Option D
E. Option E

Answer: DE

Explanation:

```
switch# configure terminal

switch(config)# vsan database

switch(config-vsan)# vsan 2 interface vfc 4
```

This example shows how to bind a virtual Fibre Channel interface to an Ethernet interface:

```
switch# configure terminal

switch(config)# interface vfc 4

switch(config-if)# bind interface ethernet 1/4
```

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/fcoe/421_n1_1/
b_Cisco_n5k_fcoe_config_gd_re_421_n1_1/Cisco_n5k_fcoe_config_gd_re_421_n1_1_chapter4.html

NEW QUESTION 372

A POAP-enabled Cisco Nexus switch will not enter POAP mode. Which two conditions should be verified? (Choose two.)

A. Bootflash must contain a special directory named POAP with poap.py file.
B. The switch is in bootup process.
C. No startup configuration is available.
D. The license file is missing on the switch.
E. No Cisco NX-OS image is present on the bootflash.

Answer: BC

Explanation:
POAP is an automatic provisioning and zero-touch deployment feature that assists device owners in the initial deployment and configuration of Nexus switches. The feature works by checking for a local configuration script. If the script has been deleted, the switch has been reset to factory settings, or this is the first boot-up, the POAP daemon will connect to a preset list of servers to download an initial configuration file.
To perform this operation, the switch must first obtain an IP address from a local DHCP server. POAP configuration settings can also be passed through the DHCP response.
Which conditions should be verified, so they need to be TRUE. Like no startup (A) and bootup (B). C means that it needs to miss a license file and E means it needs to miss an NX-OS image.

NEW QUESTION 373
An engineer implements an ACI fabric and must implement microsegmentation of endpoints within the same IP subnet using a network-based attribute. The attribute mapping must allow IP subnet independence. Which attribute must be selected?

A. MAC address
B. Custom
C. Tag
D. IP

Answer: D

Explanation:
If you want to use a network-based attribute and classify IP addresses in the same subnet, you must use the MAC-based network attribute. IP-based microsegmented EPGs do not support classification for IP addresses in the same subnet.
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/3-x/virtualization/b_ACI_Virtualization_

NEW QUESTION 376
Which two statements about the process of upgrading an EPLD on a Cisco MDS 9000 series Switch are correct? (Choose two.)

A. The EPLDs for all the modules on a switch must be upgraded at the same time.
B. EPLD upgrades can be completed without powering down the module during the upgrade.
C. EPLDs can be upgraded only to the latest EPLD image.
D. EPLDs can be upgraded without replacing the hardware.
E. An upgrade verification identifies the impact of each EPLD upgrade.

Answer: DE

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/7_3/upgrade/upgrade.html

NEW QUESTION 380
What is a benefit of independent resource scaling in Cisco HyperFlex hybrid architecture?

A. flexible expansion of compute, caching, and capacity
B. remote booting of converged servers
C. multivendor converged node hardware support
D. support for compute nodes with third-party storage

Answer: D

NEW QUESTION 383
An engineer is seeking the most optimal on demand CPU performance while configuring the BIOS settings of a UCS C-series rack mount server.
What setting will accomplish this goal?

A. C0/C1 state
B. C6 Retention
C. C2 state
D. C6 non-Retention

Answer: B

NEW QUESTION 385
A Cisco UCS C-Series server is installed at a data center. The server should be managed by the Cisco UCS Manager by using a single cable for management and data traffic. Which configuration should be applied after the Physical connection is established?

A. UCS-A# scope server 1 UCS-A /server# scope cimcUCS-A /server/cimc # scope mgmt-conn sidebandUCS-A /server/cimc # mgmt-conn-state enabled UCS-A /server/cimc/mgmt-conn* # commit-buffer
B. UCS-A# scope chassis 1 UCS-A /chassis# scope cimcUCS-A /chassis/cimc # scope mgmt-conn sidebandUCS-A /chassis/cimc/mgmt-conn # mgmt-conn-state enabled UCS-A /chassis/cimc/mgmt-conn* # commit-buffer

C. UCS-A# scope chassis 1 UCS-A /chassis# scope cimcUCS-A /chassis /cimc # set mgmt-conn-state enabled UCS-A /chassis /cimc/mgmt-conn* # commit-buffer
D. UCS-A# scope server 1 UCS-A /server# scope cimcUCS-A /server/cimc # scope mgmt-conn sidebandUCS-A /server/cimc/mgmt-conn #set mgmt-conn-state enabled UCS-A /server/cimc/mgmt-conn* # commit-buffer

Answer: D

Explanation:
 Example
UCS-A# scope server 1 UCS-A /server # scope cimc
UCS-A /server/cimc # scope mgm
UCS-A /server/cimc # scope mgmt-conn
UCS-A /server/cimc # scope mgmt-conn sideband
UCS-A /server/cimc/mgmt-conn # set mgmt-conn-state enabled UCS-A /server/cimc/mgmt-conn* # commit-buffer
UCS-A /server/cimc/mgmt-conn
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/c-series_integration/ucsm3-1/b_C-Series- Integration_UCSM3-1/b_C-Series-Integration_UCSM3-1_chapter_010.html

NEW QUESTION 387
A customer data center experiences bandwidth contention that affects the servers connected to the NPV enabled switch The NPV switch is connected to the NPIV switch using two 10 Gb uplinks but the traffic originating front the connected hosts to the core switch exceeds the available bandwidth The engineers decided to add a third uplink to the NPV server to increase the available bandwidth Which set of commands must be used to provision the new uplink?

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

Answer: B

NEW QUESTION 392
An engineer must configure a monitoring solution for a Cisco Nexus 9000 Series Switch based data center. The solution must provide real-time insight into the network health with subscription-based monitoring. The monitoring must be initiated from the client side, and the data must be sent via encryption. Which configuration steps complete the configuration?

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

Answer: A

NEW QUESTION 394

A customer asks an engineer to develop a framework that will be used to replace the process of the manual device configuration of Cisco NX-OS devices. The engineer plans to use the programmatic interface that meets these requirements:

➢ The development team is familiar with Windows-based scripting environment using PowerShell.

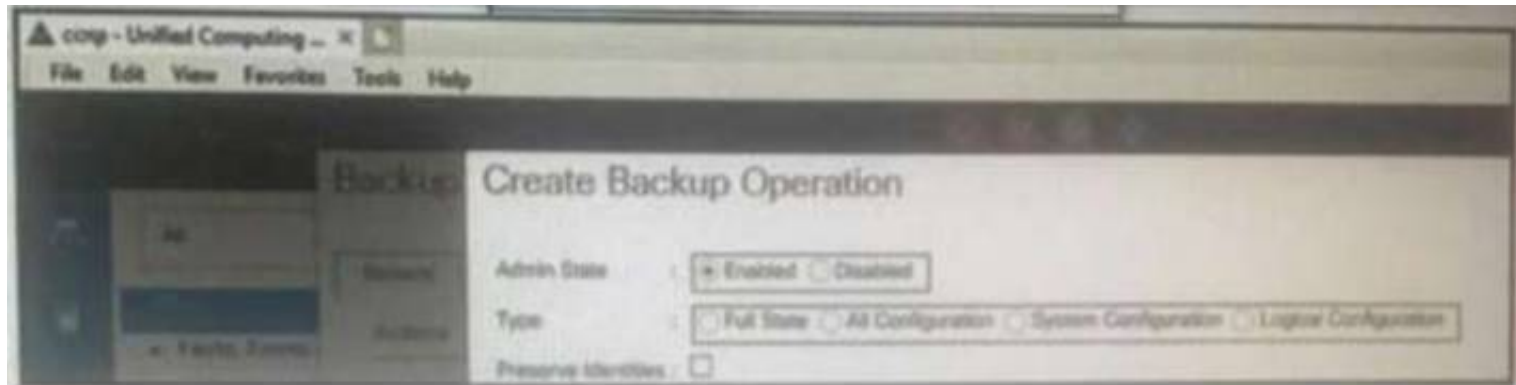➢ The customer's security requirements mandate the use of HTTPS transport.

Which solution must be used to meet these requirements?

A. NX-API
B. VISORE
C. Open Agent Container
D. NETCONF-YANG

Answer: A

NEW QUESTION 399
Refer to the exhibit.

Which backup operation type not include the preserve identities feature?

A. Full state
B. Logical configuration
C. System configuration
D. All configuration

Answer: A

NEW QUESTION 404
An engineer must allow communication between the APIC controller and an OpenStack OpFlex agent. The agent is running on a compute node directly plugged to a Cisco ACI leaf switch. The engineer must enable and extend Infra VLAN on the port facing the compute and extend the Infra VLAN to the host. Which action must be taken to meet these requirements?

A. Enable the Infra VLAN on the Interface Profile policy
B. Enable the Infra VLAN on the Attachable Access Entity Profile.
C. Add the infra VLAN via the physical domain.
D. Add the infra VLAN via the VMM domain.

Answer: C

NEW QUESTION 407
Refer to the exhibit.
An engineer must configure a Fibre Channel device alias named TEST for a device attached to port fc1/9 of a Cisco Nexus Series Switch. Which command set completes the configuration?
A)

```
SITE-A-MDS-Fabric-A# configure terminal
SITE-A-MDS-Fabric-A (config)# device-alias database
SITE-A-MDS-Fabric-A (config-device-alias-db)# device-alias name TEST pwwn 50:00:14:42:d0:0c:f5:20
SITE-A-MDS-Fabric-A (config-device-alias-db)# device-alias commit
```

B)

```
SITE-A-MDS-Fabric-A# configure terminal
SITE-A-MDS-Fabric-A (config)# device-alias database
SITE-A-MDS-Fabric-A (config-device-alias-db)# device-alias name TEST pwwn 50:00:14:42:d0:0c:f5:20
SITE-A-MDS-Fabric-A (config-device-alias-db)# exit
```

C)

```
SITE-A-MDS-Fabric-A# configure terminal
SITE-A-MDS-Fabric-A (config)# device-alias database
SITE-A-MDS-Fabric-A (config-device-alias-db)# device-alias name TEST pwwn 50:00:14:40:47:b0:0c:f5
SITE-A-MDS-Fabric-A (config-device-alias-db)# exit
```
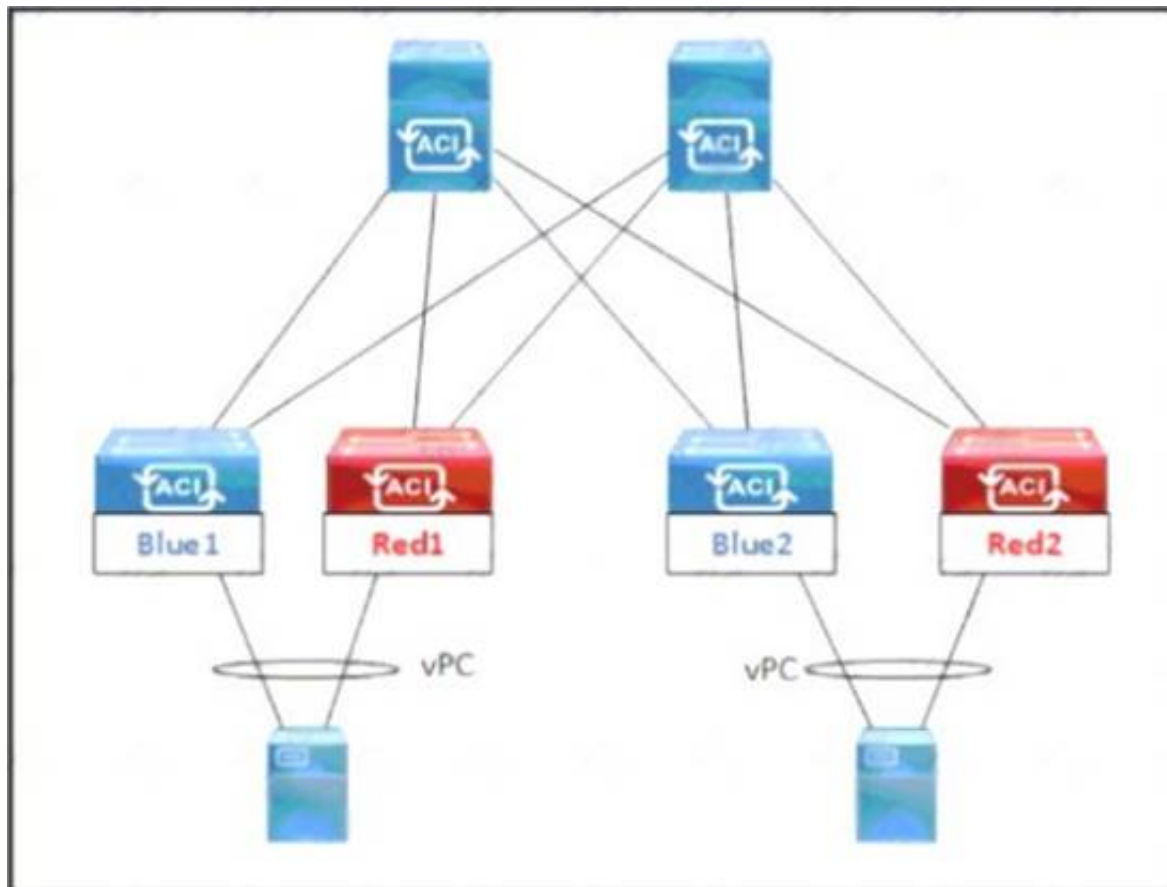
D)

```
SITE-A-MDS-Fabric-A# device-alias database
SITE-A-MDS-Fabric-A (device-alias-db)# device-alias name TEST pwwn 50:00:14:40:47:b0:0c:f5
SITE-A-MDS-Fabric-A (config-device-alias-db)# device-alias commit
```

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

Answer: B

NEW QUESTION 412
Refer to the exhibit.

An engineer must schedule the firmware upgrade of the Red1 and Red2 leaf switches. The requirement is to keep the upgrade time to the minimum, avoid any service impact, and perform the parallel upgrade Which set of scheduler attributes must be used to meet these requirements?

- • Configure SchedulerPolicy1 for all four leaf switches Blue1, Blue2, Red1, and Red2
- • Configure SchedulerPolicy1 and SchedulerPolicy2 with a one-time window trigger that has maximum concurrent nodes 1

- • Configure SchedulerPolicy1 for leaf switches Blue1 and Red1, and SchedulerPolicy2 for leaf switches Blue2 and Red2
- • Configure SchedulerPolicy1 and SchedulerPolicy2 with a one-time window trigger that has maximum concurrent nodes 2

- • Configure SchedulerPolicy1 for all four leaf switches Blue1, Blue2, Red1, and Red2
- • Configure SchedulerPolicy1 and SchedulerPolicy2 with a one-time window trigger that has maximum concurrent nodes 2

- • Configure SchedulerPolicy1 for leaf switches Blue1 and Red1, and SchedulerPolicy2 for leaf switches Blue2 and Red2
- • Configure SchedulerPolicy1 and SchedulerPolicy2 with a one-time window trigger that has maximum concurrent nodes 1

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

Answer: D

NEW QUESTION 416
A customer has a requirement to deploy a cloud service and needs to have full control over the underlying OS, data and application. Which cloud model meets this requirement?

A. PaaS
B. MaaS
C. IaaS
D. SaaS

Answer: C

Explanation:
Traditional IT is responsible for Application, Data, Runtime, Middleware, OS, Virtualization, Servers, Storage, Networking. IaaS = Infrastructure as a Service - is responsible for OS, Virtualization, Servers, Storage, Networking. SaaS = Software as a Service - Software deployed by the cloud provider - is responsible for nothing. PaaS = Platform as a Service - Software can be deployed by the customer building their own application | is responsible for Data and Application.

NEW QUESTION 419
A network engineer must configure a Fibre Channel interface on the Cisco MDS 9000 Series Switch The configuration must meet these requirements
• The interface must be disabled when the bit errors threshold Is exceeded
• Buffer-to-buffer credits must be set to the maximum value

• The interface must have full bandwidth allocated for its port group

Which command set configures a Fibre Channel interface that meets these requirements?

A.
```
interface fc1/1
 switchport  bit-errors
 switchport fcrxbbcredit 220 mode Fx
 switchport rate-mode dedicated
```

B.
```
interface fc1/1
 switchport ignore bit-errors
 switchport fcrxbbcredit 255 mode Fx
 no switchport rate-mode
```

C.
```
interface fc1/1
 no switchport ignore bit-errors
 switchport fcrxbbcredit 255 mode Fx
 switchport rate-mode dedicated
```

D.
```
interface fc1/1
 no switchport bit-errors
 switchport fcrxbbcredit 220 mode Fx
 no switchport rate-mode
```

Answer: A

NEW QUESTION 420

Drag and drop the characteristics from the left onto the NAS protocols on the right. Some characteristics are used more than once

used to boot VHDX files		**NFS**
used to boot VMDK files		
uses lease-based model for file locking		
used to provide shared storage for hypervisors		
		SMB/CIFS

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Diagram Description automatically generated

NFS:
-Used to boot VMDK files
-Uses lease-based model for file locking
-Used to provide shared storage for hypervisors SMB/CIFS:
-Used to boot VHDX files
-Used to provide shared storage for hypervisors

NEW QUESTION 422

A network administrator must create a Linux container on a Cisco Nexus Series Switch. The container requires 10 percent of the CPU of the switch and 1024 MB of RAM to run successfully. Which task provides the necessary resources?

A. Edit the container properties with the guestshell run command.
B. Increase the compute resources with the guestshell resize command.
C. Enable the Bash shell of the switch with the feature bash command
D. Modify resource allocation with the virtual-service resize command.

Answer: B

NEW QUESTION 426

An engineer is implementing OTV on a transport that supports multicast. The solution needs to meet the following requirements:
• Establish adjacency to the remote peer by using multicast.
• Enable OTV advertisements for VLAN 100 to the other site.
Which two commands should be configured to meet these requirements? (Choose two.)

A. otv site-vlan 100
B. otv data-group 232.2.2.0/28
C. otv use-adjacency-server 172.27.255.94
D. otv extend-vlan 100
E. otv control-group 232.1.1.1

Answer: DE

Explanation:
https://www.cisco.com/c/dam/en/us/products/collateral/switches/nexus-7000-series-switches/guide_c07-728315
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/nx-os/OTV/config_guide/b_Cisco_Nexus_7000_

NEW QUESTION 429
An engineer must implement access control tor Cisco UCS Manager. The configuration must meet these requirements.

≫ All users and user groups must be configured using Active Directory.

≫ User1 must have full access to the storage operations configuration.
Which action must be performed on Cisco UCS to meet the requirements?

A. Create a custom rote tot the user and RADIUS for the role-mapping for Active Directory.
B. Execute a built-in role for the user and LDAP lor the role-mapping for Active Directory.
C. Create a custom role tor the user and LDAP for the rote-mappings for Active Directory.
D. Execute a built-in role for the user and RADIUS for the role-mapping for Active Directory.

Answer: B

NEW QUESTION 432
Refer to the exhibit.

```
NEXUS# configure terminal
NEXUS# locator-led fex 100
NEXUS(config)# feature fex
NEXUS(config)# fex 100
NEXUS(config-fex)# type N2232TM
NEXUS(config-fex)# serial JAF1427BQLG
NEXUS(config)# interface ethernet 1/24-32
NEXUS(config-if)# switchport
NEXUS(config-if)# switchport mode fex-fabric
NEXUS(config-if)# fex associate 100
NEXUS(config-if)# no shutdown

NEXUS # show fex 100 detail
FEX: 100 Description: FEX0100 state: Online
  FEX version: 5.0(2)N1(1) [Switch version: 5.0(2)N1(1)]
  FEX Interim version: 5.0(2)N1(0.205)
  Switch Interim version: 5.0(2)N1(0.205)
  Extender Model: N2K-C2232TM,  Extender Serial: JAF1427BQLG
  Part No: 73-13373-01
  Card Id: 132, Mac Addr: 68:ef:bd:62:2a:42, Num Macs: 64
  Module Sw Gen: 21  [Switch Sw Gen: 21]
  post level: complete
  pinning-mode: static     Max-links: 1
  Fabric port for control traffic: Eth1/29
  Fabric interface state:
    Eth1/25 - Interface Up. State: Active
    Eth1/26 - Interface Up. State: Active
    Eth1/27 - Interface Up. State: Active
    Eth1/28 - Interface Up. State: Active
    Eth1/29 - Interface Up. State: Active
    Eth1/30 - Interface Up. State: Active
    Eth1/31 - Interface Up. State: Active
    Eth1/32 - Interface Up. State: Active
```

An engineer must distribute all the host ports to use all eight configured FEX uplinks. The solution must minimize disruption if an uplink fails Which action accomplishes this objective?

A. Set the pinning max-links value to 8
B. Statically assign each host interface to a fabric uplink
C. Change the supported FEX type
D. Configure the eight uplinks in a port channel

Answer: D

Explanation:
Traffic disruption should be minimised when an uplink fails. If pinning was used and an uplink failed, then traffic associated with the failed link would be disrupted until it could be re-routed. Using a port-channel is much less disruptive.

NEW QUESTION 437
A company plans to deploy a Cisco HyperFlex solution for data-intensive applications and databases The proposed solution should offer the highest performance with high consistency and low latency Which Cisco HyperFlex storage configuration should be used?

A. All-HDD
B. All-NVMe
C. All-Flash
D. Hybrid

Answer: B

NEW QUESTION 439

An engineer is implementing security on the Cisco MDS 9000 switch. Drag drop the descriptions from the left onto the correct security features on the right.

can be distributed via fabric services	**Fabric Binding**
uses the Exchange Fabric Membership Data protocol	Target 1
allows a preconfigured set of Fibre Channel devices to logically connect to SAN ports	Target 2
prevent unauthorized switches from joining the fabric or disrupting current fabric operations	**Port Security**
	Target 3
	Target 4

A. Mastered
B. Not Mastered

Answer: A

Explanation:

can be distributed via fabric services	**Fabric Binding**
uses the Exchange Fabric Membership Data protocol	prevent unauthorized switches from joining the fabric or disrupting current fabric operations
allows a preconfigured set of Fibre Channel devices to logically connect to SAN ports	uses the Exchange Fabric Membership Data protocol
prevent unauthorized switches from joining the fabric or disrupting current fabric operations	**Port Security**
	can be distributed via fabric services
	allows a preconfigured set of Fibre Channel devices to logically connect to SAN ports

NEW QUESTION 442
An engineer configures a storage environment for a customer with high- security standards. The secure environment is configured in vsan 50. The customer wants to maintain a configuration and active databases and prevent unauthorized switches from joining the fabric. Additionally, the switches must prevent rogue devices from connecting to their ports by automatically learning the WWPNs of the ports connected to them for the first time. Which two configuration sets must be used to meet these requirements? (Chose two.)

☐ port-security enable
   port-security activate vsan 50

☐ clear fabric-binding activate vsan 50
   fabric-binding activate vsan 50

☐ fabric-binding activate vsan 50 force

☐ fcsp enable
   fcsp auto-active

☐ fcsp dhchap hash md5 sha1

A. Option A
B. Option B
C. Option C
D. Option D
E. Option E

Answer: AC

NEW QUESTION 443

Refer to the exhibit.

An engineer is troubleshooting intermittent connectivity issues between the client PC and the DHCP server. What does the last package captured from the Cisco Nexus 2000 Series Switch indicate?

A. The DCHP server releases the IP address from the client.
B. The client receives an IP address from the DHCP server.
C. The DHCP server sends an IP address via a broadcast message.
D. The client sends a unicast message to receive an IP address from the DCHP server.

Answer: A

NEW QUESTION 445
An engineer has a primary fabric that is named UCS-A and a secondary fabric that is named UCS-B. A certificate request that has a subject name of sjc2016 for a keyring that is named kr2016 needs to be created. The cluster IP address is 10.68.68.68.
Which command set creates this certificate request?

A. UCS-A # scope keyring kr2016UCS-A /keyring # create certreq 10.68.68.68 sjc2016UCS-A /keyring* # commit-buffer
B. UCS-B # scope keyring kr2016UCS-B /keyring # create certreq ip 10.68.68.68 subject-name sjc2016UCS-B /keyring* # commit-both
C. UCS-B# scope securityUCS-B /security # scope keyring kr2016UCS-B /security/keyring # set certreq 10.68.68.68 sjc2016UCS-B /security/keyring* # commit-both
D. UCS-A# scope securityUCS-A /security # scope keyring kr2016UCS-A /security/keyring # create certreq ip 10.68.68.68 subject-name sjc2016UCS-A /security/keyring* # commit-buffer

Answer: D

Explanation:
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/CLI-User-Guides/Admin-Management/4-0/b_Cisco_UCS_Manager_CLI_Administration_Mgmt_Guide_4-0/
b_Cisco_UCS_Manager_CLI_Administration_Mgmt_Guide_4-0_chapter_0110.html

NEW QUESTION 449
An engineer must configure HTTPS secure management for Cisco UCS Manager using a key ring named kr2016 and a key size of 1024 bits. The environment consists of a primary fabric interconnect named UCS-A and a secondary fabric interconnect named UCS-B. Which command sequence must be used to accomplish this goal?

```
UCS-B# scope security
UCS-B /security # keyring kr2016
UCS-B /security/keyring* # set mod mod1024
UCS-A /security/keyring* # commit-buffer


UCS-A# scope security
UCS-A /security # create keyring kr2016
UCS-A /security/keyring* # set modulus mod1024
UCS-A /security/keyring* # commit-buffer


UCS-B# scope security
UCS-B /security # create keyring kr2016
UCS-B /security/keyring* # set size mod1024
UCS-A /security/keyring* # commit-buffer


UCS-A# scope security
UCS-A /security # keyring name kr2016
UCS-A /security/keyring* # set size 1024
UCS-A /security/keyring* # commit-buffer
```

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

Answer: B

Explanation:
https://www.cisco.com/en/US/docs/unified_computing/ucs/sw/cli/config/guide/1.4.1/CLI_Config_Guide_1_4_1

```
UCS-A# scope security
UCS-A /security # create keyring kr220
UCS-A /security/keyring* # set modulus mod1024
UCS-A /security/keyring* # commit-buffer
UCS-A /security/keyring #
```

NEW QUESTION 451
An engineer must implement a new VRF that permits communication between all endpoint groups (EPGs) by default. The new EPGs and bridge domains (BDs) that are created in the new VRF must not require additional configuration to permit traffic between the newly created EPGs or BDs. Which action accomplishes this goal'

A. Provide and consume a permit any contract on the VRF level
B. Create a VRF in the common tenant.
C. Place all EPGs in the preferred group.
D. Implement a global contract.

Answer: C

NEW QUESTION 456
An engineer is performing an ISSU upgrade on the Cisco MDS 9000 Series Switch. What is the impact on the control plane of the switch?

A. It remains down until the next reboot.
B. It remains up throughout the update.
C. It remains down for more than 80 seconds but less than 140 seconds.
D. It is down for less than 80 seconds.

Answer: D

NEW QUESTION 461
Refer to the exhibit.

```
MDSSWITCH# config terminal
MDSSWITCH(config)# fcip profile 1
MDSSWITCH(config-profile)# ip address 192.0.1.10
MDSSWITCH(config-profile)# port 5000
MDSSWITCH(config-profile)# tcp max-bandwidth-mbps 5000
min-available-bandwidth-mbps 4000 round-trip-time-ms 1
MDSSWITCH(config-profile)# exit
MDSSWITCH(config)# interface fcip 1
MDSSWITCH(config-if)# use-profile 1
MDSSWITCH(config-if)# peer-info ipaddr 192.0.1.11
MDSSWITCH(config-if)# tcp-connections 1
MDSSWITCH(config-if)# ip-compression mode2
MDSSWITCH(config-if)# no shutdown
MDSSWITCH(config-if)# exit
MDSSWITCH(config)# interface ipStorage 1/1
MDSSWITCH(config-if)# ip address 192.0.1.10 255.255.255.0
MDSSWITCH(config-if)# switchport mtu 2500
MDSSWITCH(config-if)# no shutdown
MDSSWITCH(config-if)# end
```

An engineer configures FCIP on a Cisco MDS 9000 Series switch. What is the result of implementing the configuration?

A. The switch attempts to make two TCP connections
B. Compression is performed by using hardware
C. Mode2 is enabled by default.
D. Compression is performed by using software.

Answer: B

Explanation:
 https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/8_x/config/ip_services/ipsvc/ cfcip.html

NEW QUESTION 463
A SAN administrator must Implement Infrastructure monitoring for the Fibre Channel storage environment. The storage environment consists of a standalone Cisco Nexus 9000 Series Switch and Cisco MDS 9000 Series Switches. The goal is to be able to visualize the SAN support VXLAN overlays and identify storage slow drain issues. Which monitoring solution accomplishes this task?

A. Cisco Prime Infrastructure
B. Cisco DCNM
C. Cisco APIC
D. Cisco Intersight

Answer: B

NEW QUESTION 466
An engineer implements SPAN configuration on an Nexus 5000 series switch. Which two commands are necessary to complete the SPAN session configuration? (Choose two)

```
N5K-Core# configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
N5K-Core(config)# interface fc2/1
N5K-Core(config-if)# switchport speed 4000
N5K-Core(config-if)# no shutdown
N5K-Core(config)# interface fc2/2
N5K-Core(config-if)# no shutdown
N5K-Core(config)# monitor session 1
N5K-Core(config-monitor)# source interface fc2/1
N5K-Core(config-monitor)# destination interface fc2/2
N5K-Core(config-monitor)# no shutdown
```

A. Configure the switchport monitor under interface fc2/2
B. Configure the switchport mode SD under interface tc2/1.
C. Configure switchport speed 4000 under interface fc2/2.
D. Configure session type fc under monitor session 1.
E. Configure the switchport mode SD under interface fc2/2.

Answer: CE

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/configuration/guide/cli/
CLIConfigurationGuide/Span.html

NEW QUESTION 471
An engineer must perform a POAP deployment of a Cisco Nexus 9000 Series Switch The switch must automatically receive its software image and configuration file upon power-on. Also, only UDP is permitted between the Nexus 9000 switch and the server that hosts the Cisco NX-OS system images Which set of actions completes the configuration'

A. Enable option 67. Define TFTP transfer protocol

B. Enable option 43 Define HTTP transfer protocol.
C. Enable option 46. Define TFTP transfer protocol
D. Enable option 35. Define HTTP transfer protocol.

Answer: A

NEW QUESTION 476
A network engineer must configure a power redundancy policy on a Cisco UCS C-Series Rack Server. The power redundancy must support two power sources being used to power the server. Which configuration should be applied to meet the requirement?

```
server# scope org /
server /org # scope psu-policy
server /org/psu-policy # set redundancy N+1
server /org/psu-policy* # commit-buffer


server# scope org /
server /org # scope psu-policy
server /org/psu-policy # set psu-redundancy-policy grid
server /org/psu-redundancy-policy* # commit-buffer


server# scope org /
server /org # scope psu-policy
server /org/psu-policy # set psu-redundancy-policy N+1
server /org/psu-redundancy-policy* # commit-buffer


server# scope org /
server /org # scope psu-policy
server /org/psu-policy # set redundancy grid
server /org/psu-policy* # commit-buffer
```

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

Answer: D

Explanation:
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/CLI-User-Guides/Server-Mgmt/3-1 The command "N+1" is invalid. The command should be "n-plus-1"

	Command or Action	Purpose
Step 1	UCS-A# **scope org** *org-name*	Enters organization mode for the specified organization. To enter the root organization mode, type *l* as the *org-name* .
Step 2	UCS-A /org # **scope psu-policy**	Enters PSU policy mode.
Step 3	UCS-A /org/psu-policy # **set redundancy {grid | n-plus-1 | non-redund }**	Specifies one of the following redundancy types: • **grid** –Two power sources are turned on, or the chassis requires greater than N+1 redundancy. If one source fails (which causes a loss of power to one or two PSUs), the surviving PSUs on the other power circuit continue to provide power to the chassis. • **n-plus-1** –The total number of PSUs to satisfy non-redundancy, plus one additional PSU for redundancy, are turned on and equally share the power load for the chassis. If any additional PSUs are installed, Cisco UCS Manager sets them to a "turned-off" state. • **non-redund** –All installed power supplies (PSUs) are turned on and the load is evenly balanced. Only smaller configurations (requiring less than 2500W) can be powered by a single PSU. For more information about power redundancy, see the *Cisco UCS 5108 Server Chassis Installation Guide*.
Step 4	UCS-A /org/psu-policy # **commit-buffer**	Commits the transaction to the system configuration.

NEW QUESTION 481
An engineer must configure a control plane policy on a Cisco Nexus 9000 Series Switch that is located at IP 192.168 20.1 that moots those requirements

➤ Only HTTP. RDP. and ICMP traffic is permitted from subnet 192.168.10.0/24.

➤ The committed information rate must be 54000 pps.

➤ The burst size must be 128 packets.

➤ Any other traffic must be dropped.
Drag and drop the code snippets from the bottom onto the blanks in the code on the top to complete the configuration. Not all code snippets are used

```
ip access-list permithosts
    permit tcp 192.168.10.0/24 [              ]
    permit tcp 192.168.10.0/24 host 192.168.20.1 eq 3389
    permit icmp 192.168.10.0/24 host 192.168.20.1

class-map type control-plane match-any hostscmap
    match [                    ]

policy-map type control-plane hostspmap
    [                         ]
        police cir 54000 pps bc 128 packets [           ]
```

host 192.168.20.1 eq 443		class hostscmap
conform transmit violate drop		access-group name permithosts
class permithosts		conform transmit violate drop

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Text Description automatically generated

NEW QUESTION 485
An engineer is performing a configuration on a Cisco Nexus 5000 Series Switch. The requirement is for the current Fibre Channel IDs in VSAN 120 to be saved across reboots. The Cisco environment also must integrate with a third-party solution that requires persistent Fibre Channel IDs for the VSAN The WWN of the Cisco switch must be 33:*8:00:05:30:00:16:df and its Fibre Channel ID 0x070128 Which command set meets these requirements?

○ fabric-binding database vsan 120
   vsan 120 wwn 33:e8:00:05:30:00:16:df fcid 0x070128

○ vsan 120 wwn 33:e8:00:05:30:00:16:df fcid 0x070128
   fcdomain fcid preserve vsan 120

○ vsan 120 wwn 33:e8:00:05:30:00:16:df fcid 0x070128
   fabric-binding activate vsan 120
   purge fcdomain fcid vsan 4

○ fcdomain fcid database
   vsan 120 wwn 33:e8:00:05:30:00:16:df fcid 0x070128
   fcdomain fcid persistent vsan 120

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

Answer: D

NEW QUESTION 488
Which storage protocol reduces file locks by using leasing?

A. CIFS
B. NFS 4
C. NFS 3
D. SMB

Answer: D

Explanation:
https://www.ciscolive.com/c/dam/r/ciscolive/apjc/docs/2016/pdf/BRKCOM-1211.pdf

- **SMB Directory Leasing**
  - Ability to cache file and directory metadata
  - Branch offices need to make less round trips to the central server

NEW QUESTION 489
A Cisco UCS user called "Employee1" accidentally changed the boot policy of the Cisco UCS server at the Cisco UCS Manager root level. This change impacted all service profiles and their storage connectivity was lost. The system administrator wants to prevent this issue from recurring in the future. The new security policy mandates that access must be restricted up to the organization level and prevent other users from modifying root policies. Which action must be taken to meet these requirements?

A. Modify the privilege level assigned to the user
B. Define a custom user role and assign it to users
C. Assign the user "Employee1" the network-operator role
D. Assign users to a specific Cisco UCS locale

Answer: D

Explanation:
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Admin-Managem

Locales

User Locales

You can assign a user to one or more locales. Each locale defines one or more organizations (domains) to which a user can access. Access is usually limited to the organizations specified in the locale. An exception is a locale without any organizations. It provides unrestricted access to system resources in all organizations.

A Cisco UCS domain can contain up to 48 user locales. Any user locales configured after the first 48 are accepted, but are inactive with faults raised.

NEW QUESTION 493
An engineer must configure Cisco Nexus 9000 Series Switches for Cisco UCS Director integration. The configuration must enable automated onboarding of the switches as they come online. For security purposes, the switches must have the bare minimum of connection methods enabled. The connection protocol must allow authentication through credentials. Which protocol must be configured on the switches to allow automated onboarding?

A. SNMP
B. Telnet
C. SSH
D. HTTPS

Answer: C

NEW QUESTION 495
What is a benefit of using the Cisco UCS Lightweight upgrade feature?

A. Security updates are scheduled with the next reboot of the fabric interconnects.
B. All servers are rebooted to push the latest updates.
C. The firmware version of a component is updated only when it has been modified.
D. A soft reboot is available for the fabric interconnects.

Answer: C

NEW QUESTION 498
Refer to the exhibit.

```
switch(config)# feature dhcp
switch(config)# ip dhcp snooping
switch(config)# service dhcp
switch(config)# ip dhcp snooping vlan 100,200,250-252
switch(config)# ip dhcp relay information option
```

Which action is taken to ensure that the relay agent forwards the DHCP BOOTREQUEST packet to a DHCP server?

A. Configure the interface of the DHCP server as untrusted.
B. Configure the IP address of the DHCP server.
C. Enable the DHCP relay agent.
D. Verify the DHCP snooping bindings.

Answer: B

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/4_0/dcnm/security/configuration/guide/sec_dcnm Text Description automatically generated

Configuring a DHCP Server Address on a VLAN Interface

You can configure a DHCP server IP address on a VLAN interface (sometimes referred to as a switched virtual interface or SVI). When an inbound DHCP BOOTREQUEST packet arrives on the VLAN interface, the relay agent forwards the packet to the IP address specified.

NEW QUESTION 500
A network engineer is adding a Cisco HyperFlex data platform to the Cisco intersight management portal. Which two components are required for Intersight to claim the Cisco HyperFlex data platform? (Choose two.)

A. device FQDN
B. device public IP address
C. device claim code
D. device ID
E. device serial number

Answer: CD

Explanation:
Text Description automatically generated

Step 1 In the Cisco Intersight, left navigation pane, select **ADMIN > Targets**.

Step 2 In the **Targets** details page, click **Claim a New Target**.
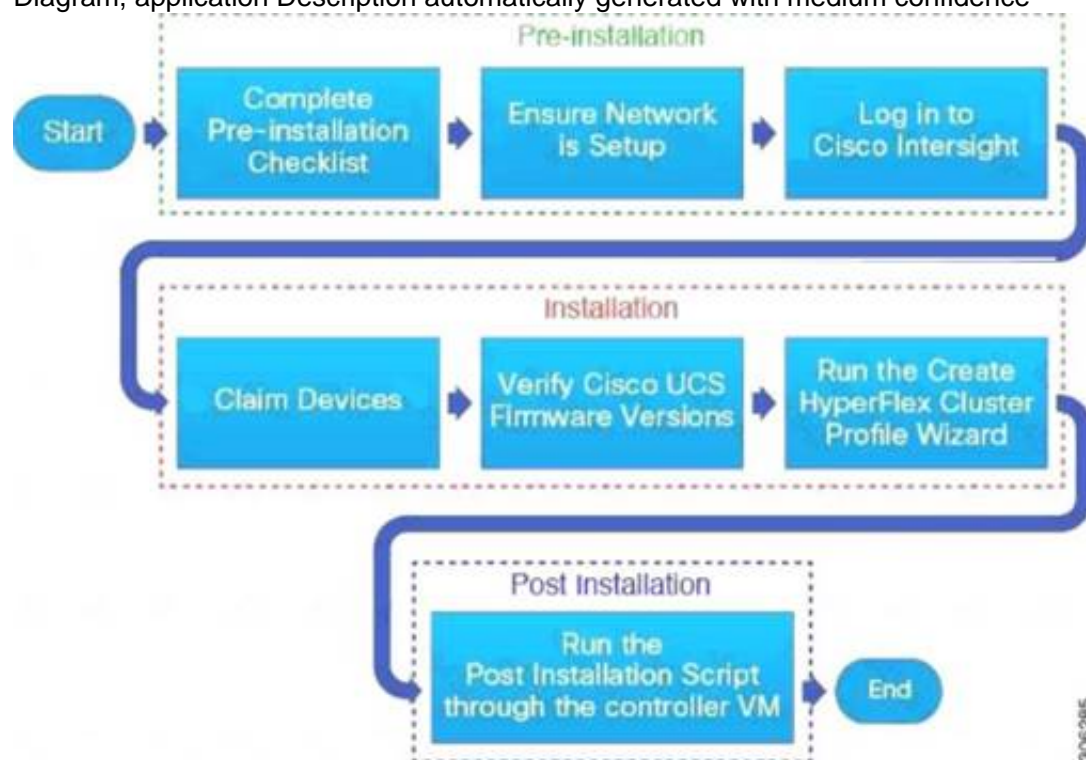
Step 3 In the **Claim a New Target** wizard, select **Hyperconverged > Cisco HyperFlex Cluster** and complete the following fields:

Note You can locate the **Device ID** and the **Claim Code** information in:

a. Cisco UCS Manager and Cisco IMC by navigating to **Admin > Device Connector**.

b. Cisco HyperFlex by navigating to **HyperFlex Connect UI > Settings > Device Connector**.

c. Cisco UCS Director by navigating to **Administration > Device Connector**.

UI Element	Essential Information
Device ID	Enter the applicable Device ID. • For a UCS Domain, use the serial number of the primary and subordinate FIs, in this format: (Serial number of FI-A & Serial number of FI-B). Example: [SAL1924GKV6&SAL1913CJ7V] • For a standalone server, use serial number. Example: NGTR12345 • For HyperFlex, use Cluster UUID. Example: xxxxxxxx-xxxx-xxxx-xxxx-

Diagram, application Description automatically generated with medium confidence

https://www.cisco.com/c/en/us/td/docs/hyperconverged_systems/HyperFlex_HX_DataPlatformSoftware/ HyperFlex_Installation_Guide_for_Intersight/b_HyperFlex_Installation_Guide_for_Intersight/ b_HyperFlex_Installation_Guide_for_Intersight_chapter_011.html
https://www.cisco.com/c/en/us/support/docs/hyperconverged-infrastructure/hyperflex-hx-dataplatform/ 214268-cisco-intersight-hyperflex-installatio.html

NEW QUESTION 501
An engineer must apply AAA configuration on a Cisco MDS 9000 Series Switch. The solution must meet these conditions:

≫ It must use a challenge-response authentication protocol that uses MD5 hashing with an incrementally changing identifier

≫ The RADIUS configuration must t>e automatically shared with other MDS switches in the environment.
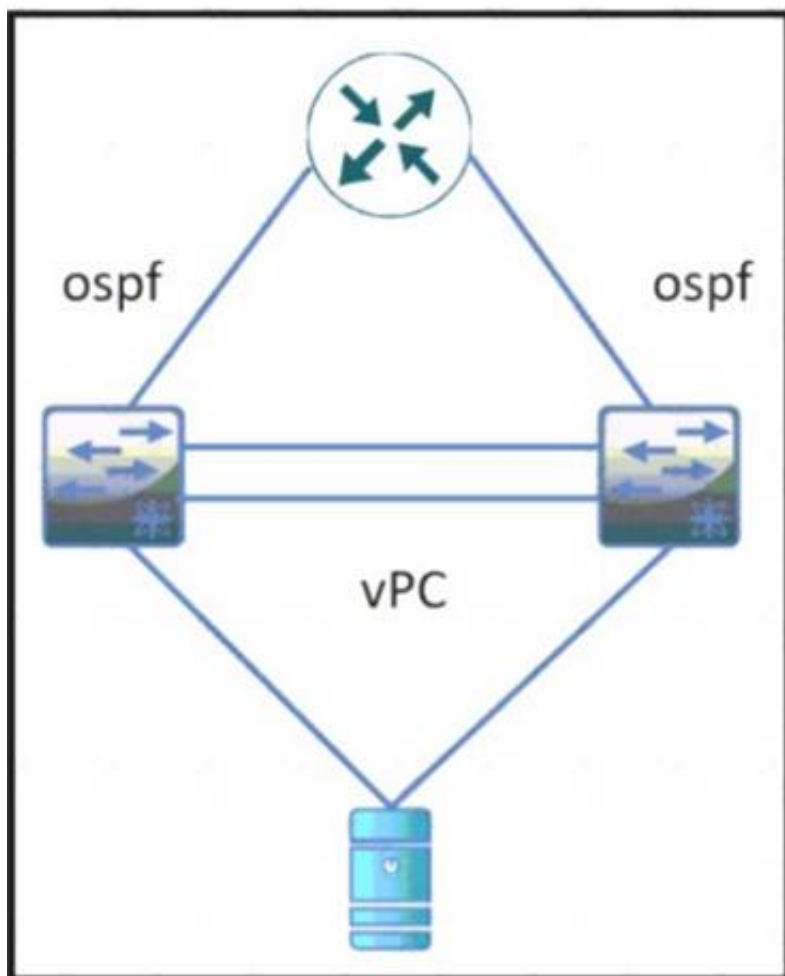The RADIUS server is already defined. Which command set completes the configuration?

○ aaa authentication login pap enable
   distribute radius
   radius-server host 10.8.8.0 auth-port 1821

○ aaa authentication login mschapv2 enable
   radius propagate
   radius authentication port 1821

○ aaa authentication login chap enable
   radius distribute
   radius commit

○ aaa authentication login mschap enable
   radius commit
   radius-server host 10.8.8.0

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

Answer: C

NEW QUESTION 503
Refer to the exhibit

During a vPC peer switch reload, there is packet loss between the server and the router Which action must be taken to prevent this behavior during future reloads?

A. Set the routed uplink ports of the Cisco Nexus peers as orphans.
B. Increase the vPC delay restore timer.
C. Decrease the OSPF hello and dead interval timers.
D. Disable vPC ARP synchronize on the vPC peers.

Answer: B

NEW QUESTION 506
What are two requirements when planning a Cisco HyperFlex All Flash standard cluster installation using three HX240c M5 servers? (Choose Two)

A. If the Jumbo MTU option in the HyperFlex installer is enabled, then jumbo frames do not have to be enabled on the upstream switches.
B. The hypervisors must be installed to Cisco FlexFlash SD cards.
C. If the Jumbo MTU option in the HyperFlex installer is enabled, then jumbo frames must also be enabled on the upstream switches.
D. The cluster deployment type must support a mix of HDD and SSD.
E. The servers must be discovered, unassociated, and connected to each fabric interconnect.

Answer: CE

Explanation:
https://www.cisco.com/c/en/us/td/docs/hyperconverged_systems/HyperFlex_HX_DataPlatformSoftware/ AdminGuide/3_5/
b_HyperFlexSystems_AdministrationGuide_3_5/b_HyperFlexSystems_AdministrationGuide_3_5_chapter_011

NEW QUESTION 509
An engineer must integrate Cisco ACI with a VMware vSphere environment. The requirement is to use a VMware Distributed Virtual Switch and to assign the

encapsulation VLAN of the EPG from the VLAN pool. Which configuration set accomplishes this goa?

A. Create a VMM domain association under the EPGs Create a VLAN pool with static alocated VLANs.
B. Create a physical domain association under the EPGs Create a VLAN pool with static alocated VLANs.
C. Create a physical domain association under the EPG
D. Create a VLAN pool with oVnarmc alocated VLANs
E. Create a VMM domain association under the EPGs Create a VLAN pool with dynamic alocated VLANs.

Answer: D

NEW QUESTION 512
An engineer is implementing FCoE. Which aspect of DCBXP on a Cisco Nexus switch affects this implementation?

A. It uses the Cisco Fabric Services protocol to exchange parameters between two peer links.
B. It always is enabled on 10/100-Mbps native Ethernet ports.
C. It provides the authentication of peers on the Cisco Nexus switch.
D. It requires that LLDP transmit and LLDP receive are enabled on the FCoE interface.

Answer: D

Explanation:
The Data Center Bridging Exchange Protocol (DCBXP) is an extension of LLDP. It is used to announce, exchange, and negotiate node parameters between peers. DCBXP parameters are packaged into a specific DCBXP TLV. This TLV is designed to provide an acknowledgement to the received LLDP packet. DCBXP is enabled by default, provided LLDP is enabled. DCBXP is disabled on ports where LLDP transmit or receive is disabled.
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/layer2/503_n2_1/b_Cisco_n5k_layer2

NEW QUESTION 517
AN engineer enters these commands while in EEM on a Cisco Nexus 9000 Series Switch. event manager applet Backup-config event timer watchdog time 1800 name timer
event cli match "copy running-config startup-config" what is the result of applying this configuration?

A. It saves the running configuration every 1800 seconds.
B. It generates an error because no action is mentioned.
C. It executes the copy running-config startup-config command.
D. It blocks the copy running-config startup-config command.

Answer: B

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/93x/system-management/b-cisco-nex
Graphical user interface, text, application, email Description automatically generated

Prerequisites for EEM

EEM has the following prerequisites:

- You must have network-admin user privileges to configure EEM.

Guidelines and Limitations for EEM

EEM has the following configuration guidelines and limitations:

- The maximum number of configurable EEM policies is 500.

- Action statements within your user policy or overriding policy should not negate each other or adversely affect the associated system policy.

- To allow a triggered event to process any default actions, you must configure the EEM policy to allow the default action. For example, if you match a CLI command in a match statement, you must add the event-default action statement to the EEM policy or EEM will not allow the CLI command to execute.

- When you configure an EEM policy action to collect **show tech** commands, make sure to allocate enough time for the **show tech** commands to complete before the same action is called again.

NEW QUESTION 518
An engineer must affirm the identity of the Cisco UCS Manager after a valid CA-signed keyring for HTTPS access is created. Which action completes the configuration?

A. Set Cipher Suite Mode
B. Create a trusted point
C. Implement SSLv3
D. Enable TLSv1.2

Answer: B

NEW QUESTION 519
An engineer is configuring a vHBA template in UCS Manager. The engineer needs to specify the logical addresses used by the vHBA and the path through which the SAN traffic flows. Which two resources must be specified in the vHBA template? (Choose two.)

A. MAC addresses
B. WWPNPool

C. WWNN
D. VLAN ID
E. Fabric ID

Answer: BE

Explanation:

vNIC and vHBA Templates

vNIC and vHBA resources are always associated with specific FIs (A-side or B-side fabric interconnect). A typical Service Profile has at least two vNICs and two vHBAs: one bound to each side. vNIC (or vHBA) templates can be used to encapsulate both the MAC address pool (or WWPN pool) association as well as the fabric ID.

Best Practice: vNIC and vHBA Templates

Create reusable vNIC and vHBA templates in which termination is either reflected in the name (e.g., "fc0-A") or through well-accepted conventions (e.g., even interface to A side, and odd interface to B side).

vNIC templates should be thought of as application-specific network profiles that include important security definitions, such as VLAN mappings, as shown in Figure 6.

https://www.cisco.com/c/en/us/products/collateral/servers-unified-computing/ucs-manager/whitepaper_c11-697

NEW QUESTION 524

An engineer must remove the running configuration of a Cisco Nexus 9000 Series Switch and replace it with a backup file without restarting the switch. The backup file is stored on an SFTP server that is reachable via the An engineer must remove the running configuration mgmt0 interface Which set of commands accomplishes this task'

○ copy sftp://admin@192.168.10.100/backup.cfg startup-config vrf mgmt0
  copy startup-config running-config

○ configure replace sftp://admin@192.168.10.100/backup.cfg vrf mgmt0
  copy running-config bootflash://startup-config

○ copy sftp://admin@192.168.10.100/backup.cfg bootflash:///backup.cfg vrf management
  configure replace bootflash:///backup.cfg

○ copy sftp://admin@192.168.10.100/backup.cfg startup-config vrf management
  reload in 10

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

Answer: C

NEW QUESTION 525

A network engineer needs a tool to automate the provisioning of Cisco UCS Service Profiles. The administrator has limited programming knowledge but is skilled with scripting tools. The tool must include existing support for Cisco UCS configuration. Additionally, the administrator will eventually use the solution to manage Cisco UCS C-Series Rack Servers. Which tool meets these requirements?

A. Cisco DCNM
B. Python scripts
C. PowerShell
D. Bash scripts

Answer: C

NEW QUESTION 526

Which two components should be checked when a Cisco Nexus 9000 Series Switch fails to boot using POAP? (Choose two.)

A. image noted in the script file against switch bootflash
B. DHCP server to bootstrap IP information
C. script signed with security key
D. TFTP server that contains the configuration script
E. POAP feature license

Answer: BD

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/7-x/troubleshooting/guide/ b_Cisco_Nexus_9000_Series_NX-OS_Troubleshooting_Guide_7x/b_Cisco_Nexus_9000_Series_NXOS_ Troubleshooting_Guide_7x_chapter_01100.html
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/7-x/fundamentals/configuration/ guide/b_Cisco_Nexus_9000_Series_NX-OS_Fundamentals_Configuration_Guide_7x/ b_Cisco_Nexus_3000_Series_NX-OS_Fundamentals_Configuration_Guide_7x_chapter_0100.html

NEW QUESTION 529

What is an advantage of using Ansible for automation as compared to puppet and chef?

A. Ansible automates the enforcement of configuration settings.
B. Ansible perform automation without installing a software agent on the target node.
C. Ansible configures a set of CLI commands on a device by using NETCONF.
D. Ansible abstracts a scenario so that set of configuration setting can be used across multiple operating systems.

Answer: B

NEW QUESTION 530
Refer to the exhibit.

```
N7K-1
interface Vlan165
  no shutdown
  no ip redirects
  ip address 10.16.165.2/27
  no ipv6 redirects
  hsrp version 2
  hsrp 165
     preempt
     priority 150
     ip 10.16.165.1

vpc domain 100
  role priority 100
  peer-keepalive destination 10.1.1.2 source 10.1.1.1
vrf default
  delay restore 60
  peer-gateway
  auto-recovery
  ip arp synchronize

N7K-2
interface Vlan165
  no shutdown
  no ip redirects
  ip address 10.16.165.3/27
  no ipv6 redirects
  hsrp version 2
  hsrp 165
     priority 50
     ip 10.16.165.1

vpc domain 100
  role priority 200
  peer-keepalive destination 10.1.1.1 source 10.1.1 2
vrf default
  delay restore 60
  peer-gateway
  auto-recovery
  ip arp synchronize
```

Which statement describes the default gateway configuration of the vPC?

A. N7K-1 acts as the default gateway for all traffic.
B. N7K-2 forwards traffic that is destined for the default gateway by using the peer link.
C. N7K-2 acts as the default gateway for all traffic.
D. Either switch can act as the active default gateway.

Answer: D

Explanation:
https://community.cisco.com/t5/networking-documents/peer-gateway-feature-on-the-nexus-7000/ta-p/3113290

NEW QUESTION 531
A company provides applications and database hosting services to multiple customers using isolated infrastructure-as-a-service services within the same data center environment. The environment is based on Cisco MDS 9000 Series Switches. The requirement is to manage the environment by using Fibre Channel Security Protocol and to enable user authentication when the centralized AAA server is unreachable All communication between the MDS switches and the remote servers must be encrypted. Which command set must be used to meet these requirements?

```
aaa group server radius RadiusServer1
aaa authentication login default RadiusServer1

aaa group server radius RadiusServer1
aaa authentication dhchap default group RadiusServer1

aaa group server tacacs+ TacacsServer1
aaa authentication dhchap default group TacacsServer1

aaa group server tacacs+ TacacsServer1
aaa authentication login console TacacsServer1
```

A. Option A

B. Option B
C. Option C
D. Option D

Answer: B

NEW QUESTION 532
......

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