



Cisco

Exam Questions 350-601

Implementing and Operating Cisco Data Center Core Technologies

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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 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

A customer wants to offload some of its order processing to a public cloud environment. The customer environment is based on Cisco ACI and uses Puppet with containerized applications. The operations team requires a solution to orchestrate and optimize the cost of the new solution. Which product must be used to meet these requirements?

- A. Cisco Intersight
- B. Cisco Workload Optimization Manager
- C. Cisco CloudCenter
- D. Cisco Data Center Network Manager

Answer: C

Explanation:

<https://www.cisco.com/c/dam/en/us/products/collateral/cloud-systems-management/cloudcenter/white-paper-c1>

- Enforce multicloud governance by guiding user decisions to reduce risk
- Securely automate deployment to reduce manual effort and get consistent results
- Increase feature velocity via integration with developer tools to accelerate time to market (CI/CD = Puppet, Chef, and Ansible).
- Optimize cloud consumption to cut pay-per-use cloud costs

<https://www.cisco.com/c/en/us/products/collateral/cloud-systems-management/cloudcenter-suite/datasheet-c78>

NEW QUESTION 3

A company plans to migrate some of its services to the cloud. The company does not want to manage or control the underlying cloud infrastructure. It also wants to maintain control over the deployment of its applications and configuration settings of the application-hosting environment. Which cloud service model meets these requirements?

- A. Infrastructure as a Service
- B. Function as a Service
- C. Platform as a Service
- D. Software as a Service

Answer: C

NEW QUESTION 4

An engineer must configure a Cisco UCS domain for monitoring and management by the Cisco Intersight SaaS platform. After the setup is complete, administrators must have full control to configure the device through Cisco UCS Manager and Intersight. Which set of actions accomplishes this task?

- A. Configure Device Connector Access Mode as Allow Control in Device Console Claim the device on Intersight as UCSM Managed Mode.
- B. Configure Device Connector Access Mode as Allow Control in Cisco UCS Manager Claim the device on intersightc as Intersight Managed Mode
- C. Configure Device Connector Access Moao as Allow Control in Device Consol
- D. Claim the device on intersight as Intersight Managed Mode
- E. Configure Device Connector Access Mode as Allow Control in Cisco UCS Manager Claim the device on intersight as UCSM Managed Mode
- F. Option A
- G. Option B
- H. Option C
- I. Option D

Answer: C

NEW QUESTION 5

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 6

An engineer deploys a custom Guest Shell rootfs on a Nexus 9000 Series Switch. Drag and drop the steps from the left into the order required to deploy the solution on the right. Not all options are used.

Customize the guest shell rootfs.	Step 1
Export the Guest Shell rootfs.	Step 2
Store it in a file server.	Step 3
Import the Guest Shell rootfs to other switches.	Step 4
Install the specific Guest Shell across devices simultaneously.	Step 5

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

A picture containing text Description automatically generated

<https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/93x/programmability/guide/b-cisco-ne>

Replicating the Guest Shell

Beginning with Cisco NX-OS release 7.0(3)I7(1), a Guest Shell rootfs that is customized on one switch can be deployed onto multiple switches.

The approach is to ¹ customize and then export the Guest Shell rootfs and ² store it on a file server. A POAP script can ³ download (import) the Guest Shell rootfs to other switches and ⁴ install the specific Guest Shell across many devices simultaneously.

- Exporting Guest Shell rootfs
- Importing Guest Shell rootfs
- Importing YAML File
- show guestshell Command

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NEW QUESTION 7

What is a recommended design choice in a topology for multipathing iSCSI traffic?

- A. single initiator to dual targets
- B. initiators and targets in separate subnets
- C. dual initiators to a single target with bonded interfaces
- D. two NICs bended together on the initiator

Answer: A

Explanation:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus1000/sw/4_2_1_s_v_1_5_1/system_management/configuration/guide/n1000v_system/n1000v_system_13iscsi.html#wp1052813

NEW QUESTION 8

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 9

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

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

Answer: AC

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	Cisco UCS Infrastructure Software Bundle <div style="border: 1px solid yellow; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid yellow; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid yellow; height: 20px;"></div>
BIOS firmware	
Kernel and system firmware for Fabric Interconnects	
CIMC firmware	Cisco UCS B-Series Blade Server Software Bundle <div style="border: 1px solid yellow; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid yellow; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid yellow; height: 20px;"></div>
I/O module firmware	
Cisco UCS Manager software	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Diagram Description automatically generated

NEW QUESTION 10

Which two configuration settings are available in the Cisco UCS Firmware Auto Sync Server policy? (Choose two.)

- A. Immediate Action
- B. User Acknowledge
- C. No Action
- D. Delayed Action
- E. User Notification

Answer: BC

NEW QUESTION 13

Where does the witness VM reside in a Cisco Hyperflex Edge deployment?

- A. Windows application
- B. Hyper Rex Data Platform
- C. Cisco Intersight
- D. local HyperFlex datastore

Answer: C

NEW QUESTION 16

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 17

A storage administrator notices an increasing number of storage targets that unexpectedly reach capacity, causing periodic service interruptions. The administrator must now create and submit a daily report of the environment that shows the status of the storage targets with the highest capacities. Which solution provides this information?

- A. Nagios Core with OpManager
- B. Cisco DCNM with SAN Insight
- C. SolarWinds with Slow Drain Analysis
- D. Cisco Intersight with Slow Drain Analysis

Answer: D

NEW QUESTION 18

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 20

Which two authentication types does Cisco UCS Manager support when configuration authentication? (Choose two.)

- A. local
- B. LDAP
- C. 802.1X
- D. Kerberos
- E. PAM

Answer: AB

Explanation:

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Admin-Management/3-2/b_Cisco_UCS_Admin_Mgmt_Guide_3_2/b_Cisco_UCS_Admin_Mgmt_Guide_3_2_chapter_0101.html

NEW QUESTION 25

An engineer must implement a disaster recovery policy for the Cisco UCS infrastructure. The solution must meet these criteria:

- The Recovery Point Objective must be 48 hours.
- The backup must use encrypted transmission.
- The Recovery Time Objective must be 4 hours.

Which configuration set must be used in the scheduled backup to meet these requirements?

- Protocol: SFTP
Schedule: Weekly
- Protocol: FTP
Schedule: Bi-Weekly
- Protocol: TFTP
Schedule: Bi-Weekly
- Protocol: SCP
Schedule: Daily

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

Answer: D

NEW QUESTION 30

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 35

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 36

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

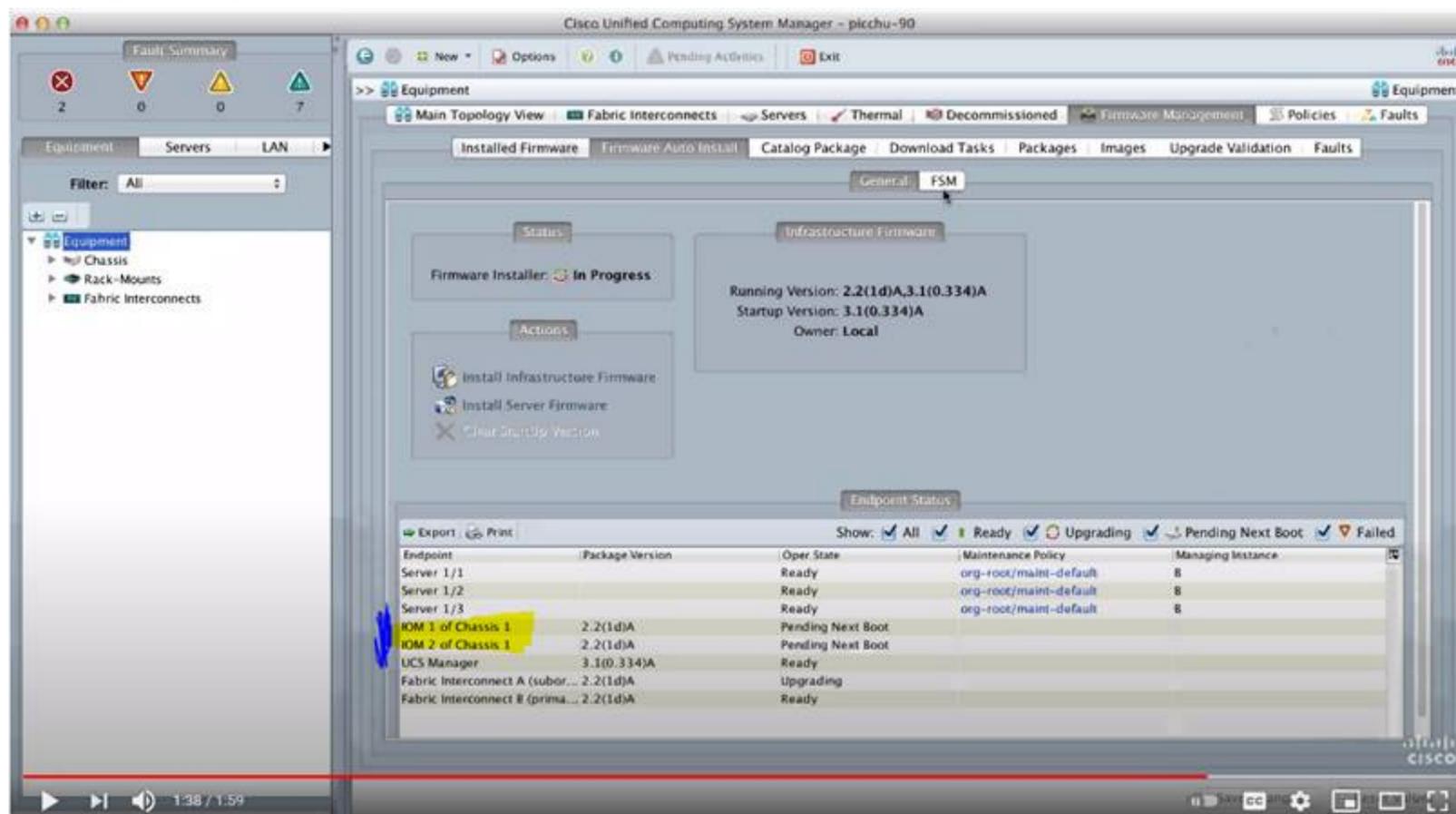
Answer: C

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 41

A network engineer needs to configure system logging on the MDS switch. The messages must be displayed with the severity level of "warning" and above. For security reasons the users must be logged out of the console after 5 minutes of inactivity. Which configuration must be applied to meet these requirements?

- MDS-A(config)# logging console 5
MDS-A(config-console)# exec-timeout 300
- MDS-A(config)# line console
MDS-A(config-console)# speed 38400
MDS-A(config-console)# exec-timeout 5
MDS-A(config)# logging console 4
- MDS-A(config)# console
MDS-A(config-console)# speed 38400
MDS-A(config-console)# session-limit 5
MDS-A(config)# logging console 5
- MDS-A(config)# logging line 4
MDS-A(config-console)# session-limit 300

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

Answer: B

Explanation:

DETAILED STEPS

	Command or Action	Purpose
Step 1	configure terminal Example: switch# configure terminal switch(config)#	Enters global configuration mode.
Step 2	line console Example: switch# line console switch(config-console)#	Enters console configuration mode.
Step 3	databits <i>bits</i> Example: switch(config-console)# databits 7	Configures the number of data bits per byte. The range is from 5 to 8. The default is 8.
Step 4	exec-timeout <i>minutes</i> Example: switch(config-console)# exec-timeout 30	Configures the timeout for an inactive session. The range is from 0 to 525600 minutes (8760 hours). A value of 0 minutes disables the session timeout. The default is 30 minutes.

NEW QUESTION 43

Which two protocols are used by the NFSv4 protocol? (Choose two.)

- A. FCP
- B. TCP
- C. UDP
- D. Ethernet
- E. IP

Answer: BE

NEW QUESTION 48

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

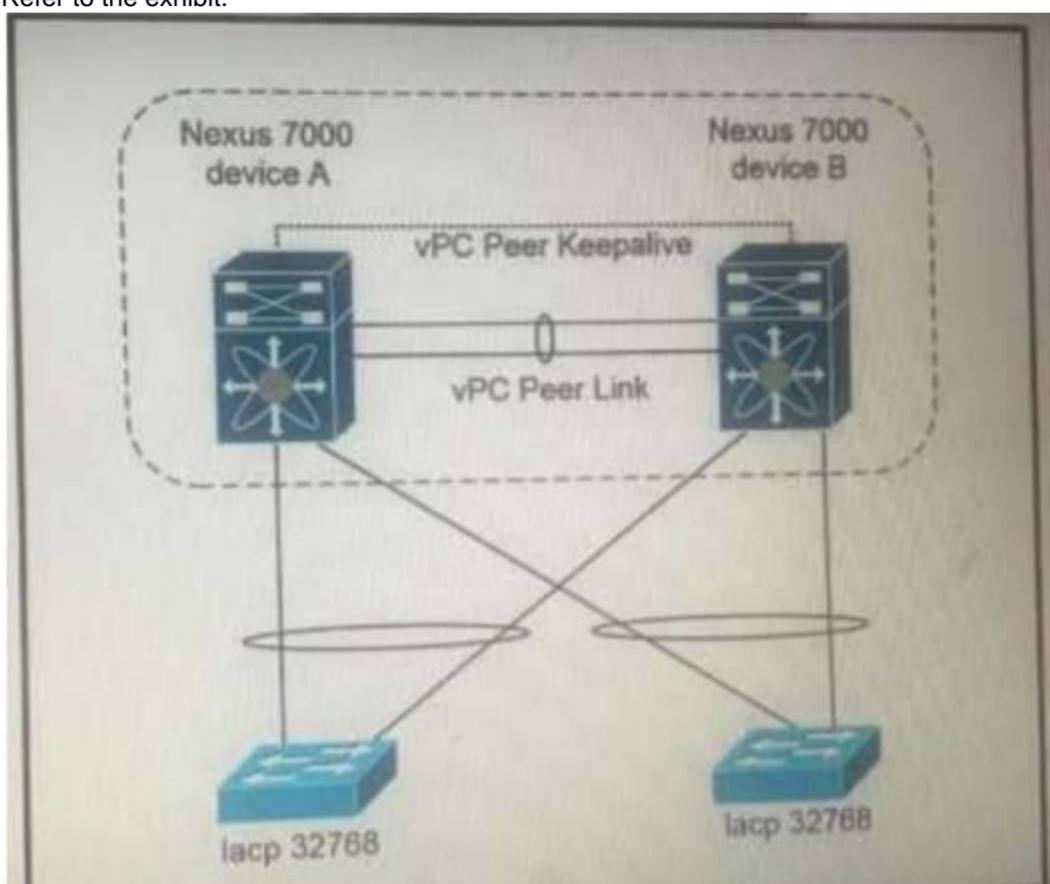
The Link Aggregation Control Protocol (LACP) uses the system MAC address of the vPC domain to form the LACP Aggregation Group (LAG) ID for the vPC.

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 51

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 56

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 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 startup-config backup to an FTP server.* 2 Copy startup-config in the boot flash to the running-config file
- B. * 1 Perform a running-config backup to an SFTP server* 2 Copy backup-config from the SFTP server to the running-config file
- C. * 1 Perform a running-config backup to an SCP server* 2 Copy running-config in the boot flash to the running-config file
- D. * 1 Perform a startup-config backup to a TFTP server* 2 Copy backup-config from the backup server to the running-config file

Answer: D

Explanation:

TFTP is the only protocol that uses UDP. FTP, SFTP, and SCP use TCP.

NEW QUESTION 57

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 61

What is a benefit of Cisco HyperFlex All-Flash Stretched cluster deployment as compared to All-HDD Stretched cluster deployment?

- A. lower cost
- B. lower number of IOPS
- C. higher cost
- D. higher number of IOPS

Answer: D

NEW QUESTION 64

Refer to Exhibit:

```
n9k2# guestshell
[guestshell@guestshell ~]$ python
Python 2.7.5 (default, Jun 17 2014, 18:11:42)
[GCC 4.8.2 20140120 (Red Hat 4.8.2-16)] on linux2
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

An engineer must use the python module in the guest shell of the Cisco Nexus 9000 Series switch to shutdown port Ethernet 1/4 Which command set will accomplish this?

- from cli import *
 - cli("conf t")
 - cli("interface eth1/4")
 - cli("shutdown")
- from cli import *
 - cli("conf t ; interface eth1/4 ; shut")
- from cisco import cli
 - cli("conf t ; interface eth1/4")
 - cli("shutdown")
- from cisco import cli
 - cli("conf t" ; "interface eth1/4" ; "shut")

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

Answer: B

Explanation:

When two or more commands are run individually, the state is not persistent from one command to subsequent commands.

In the following example, the second command fails because the state from the first command does not persist for the second command.

```
>>> cli("conf t")
>>> cli("interface eth4/1")
```



When two or more commands are run together, the state is persistent from one command to subsequent commands.

In the following example, the second command is successful because the state persists for the second and third commands.

```
>>> cli("conf t ; interface eth4/1 ; shut")
```



Note Commands are separated with ";" as shown in the example. The semicolon (;) must be surrounded with single blank characters.

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/7-x/programmability/guide/b_Cisco_Nexus_9000_Series_NX-OS_Programmability_Guide_7x/Python_API.html <https://www.ciscolive.com/c/dam/r/ciscolive/apjc/docs/2016/pdf/DEVNET-1077.pdf>

NEW QUESTION 65

An engineer must send JSON encoded telemetry data to an external collector. The transport mechanism must prevent tampering or forgery of the data. Which protocol accomplishes this goal?

- A. GPB
- B. HTTP
- C. gRPC
- D. DTLS

Answer: B

NEW QUESTION 69

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 71

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 used to complete the task?

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

Answer: B

NEW QUESTION 74

Where is the witness deployed in a two-node Cisco HyperFlex Edge deployment?

- A. to the HyperFlex Edge two-node cluster
- B. to an additional server with network access to HyperFlex Edge
- C. to a third-party cloud provider
- D. to Cisco Intersight

Answer: D

Explanation:

The Cisco HyperFlex Edge invisible cloud witness is only required for 2-node HX Edge deployments. correct, it has to connect to Intersight as it is a CLOUD invisible witness as per the document shared: The Cisco HyperFlexEdge invisiblecloud witnessis only requiredfor 2-nodeHX Edge deployments. The witness does not require any additional infrastructure, setup, configuration, backup, patching ,or management of any kind. This feature is automatically configured as part of a 2-node Hyper Flex Edge installation. Outbound access at the remote site must be present for connectivity to Intersight (eitherIntersight.com or to the Intersight Virtual Appliance). HyperFlexEdge 2-nodeclusters cannot operate without this connectivity in place https://www.cisco.com/c/en/us/td/docs/hyperconverged_systems/HyperFlex_HX_DataPlatformSoftware/Edge_Deployment_Guide/b_HyperFlex_Edge_Deployment_Guide_4_0.pdf

NEW QUESTION 76

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 77

When deploying a Cisco HyperFlex edge with a pair of switches, what is the minimum number of interfaces in trunk mode required on each HX node?

- A. 1
- B. 2
- C. 4
- D. 6

Answer: B

NEW QUESTION 78

Refer to the exhibit.

```
CISCO-UCS-A# scope org /
CISCO-UCS-A /org* # create service-profile Cisc01 instance
CISCO-UCS-A /org/service-profile* # set bios-policy bios1
CISCO-UCS-A /org/service-profile* # set boot-policy boot1
CISCO-UCS-A /org/service-profile* # set ext-mgmt-ip-state none
CISCO-UCS-A /org/service-profile* # set host-fw-policy ipmi-user987
CISCO-UCS-A /org/service-profile* # set identity dynamic-uuid derived
CISCO-UCS-A /org/service-profile* # set ipmi-access-profile ipmil
CISCO-UCS-A /org/service-profile* # set local-disk-policy local1
CISCO-UCS-A /org/service-profile* # set maint-policy maint1
CISCO-UCS-A /org/service-profile* # set mgmt-fw-policy mgmt1
CISCO-UCS-A /org/service-profile* # set power-control-policy power1
CISCO-UCS-A /org/service-profile* # set scrub-policy scrub1
CISCO-UCS-A /org/service-profile* # set sol-policy soll
CISCO-UCS-A /org/service-profile* # set stats-policy stats1
CISCO-UCS-A /org/service-profile* # set user-label Cisco
CISCO-UCS-A /org/service-profile* # vcon-policy vconnpolicy
CISCO-UCS-A /org/service-profile* # commit-buffer
CISCO-UCS-A /org/service-profile #
```

What is a characteristic presented in the service profile of the UUID?

- A. based on the hardware
- B. vendor assigned
- C. unique system generated
- D. allocated from a UUID pool

Answer: A

Explanation:

there is no parameter for 'set identity dynamic-uuid' to specify a pool name - you can only state "derived" or a 32 hex character string (128-bits, therefore full UUID).

```
ucspe /org/service-profile # set identity dynamic-uuid derived Derived
FFFFFFFF-FFFF-FFFF-FFFFFFFFFFFFFFFF Dynamic UUID
```

The documentation, as usual for Cisco, is poor. Shagua references old v1.4.1 documentation but it's the same in 4.1. It's inaccurate as uuid-pool should now read uuid-suffix-pool. You can use UCSPE to check

the CLI with contextual help.

ucspe /org/service-profile # set identity dynamic-uuid Dynamic UUID dynamic-wwnn Dynamic WWNN uuid-suffix-pool UUID Suffix Pool wwnn-pool WWNN Pool

If set identity dynamic-uuid only gives us the option of a static UUID or the parameter "derived", and set identity uuid-suffix-pool is the option to assign a pool... I would suggest that the most logical answer here is

- derived from the hardware. https://www.cisco.com/en/US/docs/unified_computing/ucs/sw/cli/config/guide/1.4.1/CLI_Config_Guide_1_4_1

NEW QUESTION 80

Refer to the exhibit.

```

Enter the configuration method. (console/gui) ? console

Enter the setup mode; setup newly or restore from backup.
(setup/restore) ? restore

NOTE:
  To configure Fabric interconnect using a backup file on
a remote server, you will need to setup management
interface.
  The management interface will be re-configured (if
necessary), based on information stored in the backup file.

Continue to restore this Fabric interconnect from a backup
file (yes/no) ? yes

Physical Switch Mgmt0 IPv4 address : 192.168.10.10
Physical Switch Mgmt0 IPv4 netmask : 255.255.255.0
IPv4 address of the default gateway : 192.168.10.1
Enter the protocol to get backup file (scp/ftp/tftp/sftp)
? scp
Enter the IP address of backup server: 20.10.20.10
Enter fully qualified backup file name: Backup.bak
Enter user ID: user
Enter password:
  Retrieved backup configuration file.
Configuration file - Ok

```

Which type of backup is required to restore a Cisco UCS configuration?

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

Answer: A

Explanation:

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/cli/config/guide/1-0-2/b_CLI_Config_Guide_

The following example restores a system configuration from the Backup.bak file, which was retrieved from the 20.10.20.10 backup server using FTP:

```

Enter the configuration method. (console/gui) ? console

Enter the setup mode; setup newly or restore from backup. (setup/restore) ? restore

NOTE:
  To configure Fabric interconnect using a backup file on a remote server,
you will need to setup management interface.
  The management interface will be re-configured (if necessary),
based on information stored in the backup file.

Continue to restore this Fabric interconnect from a backup file (yes/no) ? yes

Physical Switch Mgmt0 IPv4 address : 192.168.10.10

Physical Switch Mgmt0 IPv4 netmask : 255.255.255.0

IPv4 address of the default gateway : 192.168.10.1

Enter the protocol to get backup file (scp/ftp/tftp/sftp) ? scp
Enter the IP address of backup server: 20.10.20.10
Enter fully qualified backup file name: Backup.bak
Enter user ID: user
Enter password:
  Retrieved backup configuration file.
Configuration file - Ok

```

Cisco UCS 6100 Series Fabric Interconnect
UCS-A login:

NEW QUESTION 84

An engineer must configure a Cisco MDS 9000 Series Switch for traffic analysis from the storage array. The storage array is connected to the interface fc2/1 in VSAN 10 and the traffic analyzer to fc4/2. The capture file must include ingress and egress traffic between the switch and the storage array. Also, only traffic in VSAN 10 must be captured. Which configuration set meets these requirements?

A)

```
interface fc4/2
  switchport mode auto
  no shutdown
!
span session 1
  source interface fc2/1 rx
  destination interface fc4/2
  source filter vsan 10
  no suspend
```

B)

```
interface fc4/2
  switchport mode trunk
  switchport trunk allow vsan 10
  no shutdown
!
span session 1
  source interface fc2/1 tx
  destination interface fc4/2 rx
  no suspend
```

C)

```
interface fc4/2
  switchport mode SD
  no shutdown
!
span session 1
  source interface fc2/1
  destination interface fc4/2
  source filter vsan 10
```

D)

```
interface fc4/2
  switchport mode ST
  no shutdown
!
span session 1
  source interface fc2/1
  destination interface fc4/2
  source filter vsan 10
```

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

Answer: A

NEW QUESTION 88

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 90

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 93

An engineer deploys a new Cisco Nexus 5000 Series Switch in an existing environment with strict security policies. The new device should meet these requirements:

- > Secure end-user ports with minimum configuration effort.
- > Log security breaches and require manual recovery.
- > Retain the switch configuration if the device restarts.

Which configuration must be used?

- A.


```
switchport port-security
switchport port-security max 1
switchport port-security violation shutdown
```
- B.


```
switchport port-security
switchport port-security violation shutdown
switchport port-security mac-address dynamic
```
- C.


```
switchport port-security
switchport port-security max 1
switchport port-security mac-address sticky
```
- D.


```
switchport port-security
switchport port-security violation restrict
switchport port-security mac-address sticky
```

Answer: C

NEW QUESTION 95

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 97

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

Cisco Tetration	allows close to real-time data monitoring
Data Management Engine	confirms that the network operates consistently with business requirements
Cisco Network Assurance Engine	offers overall protection and enables analysis of the network in real time to identify security incidents faster
Streaming Telemetry	allows the characteristics to be presented as object properties

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Diagram Description automatically generated

NEW QUESTION 100

An engineer must configure a named VSAN when the fabric interconnect is in Fibre Channel switch mode. The VSAN must meet these requirements:

- Named VSAN must be called "VSAN 10".
- VSAN ID must be 10.
- FCoE ID must be 20.
- VSAN 10 must be attached to port 2 in slot 1.

Which command set configures a VSAN when the fabric interconnect is in Fibre Channel switch mode?

- UCS-A# scope fc-storage**
UCS-A/fc-storage# create vsan VSAN10 10 20
UCS-A /fc-storage/vsan # create member-port fcoe a 1 2
UCS-A /fc-storage/vsan/member-port* # commit-buffer
- UCS-A# scope fc-traffic-mon**
UCS-A/fc-storage# create vsan VSAN10 20 10
UCS-A /fc-storage/vsan # create member-port fcoe a 2 1
UCS-A /fc-storage/vsan/member-port* # commit-buffer
- UCS-A# scope eth-storage**
UCS-A/fc-storage# create vsan VSAN10 10 20
UCS-A /fc-storage/vsan # create member-port fcoe a 2 1
UCS-A /fc-storage/vsan/member-port* # commit-buffer
- UCS-A# scope fc-uplink**
UCS-A/fc-storage# create vsan VSAN10 20 10
UCS-A /fc-storage/vsan # create member-port fcoe a 1 2
UCS-A /fc-storage/vsan/member-port* # commit-buffer

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

Answer: A

NEW QUESTION 104

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 $prog: "
9  [ -n "$?" ] && {
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?

- A. killproc -n \$pidfile \$exec -SIGHUP
- B. killproc -pi \$pidfile \$exec -HUP
- C. killproc -n \$pidfile \$exec -HUP
- D. 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 108

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 112

Refer to the exhibit.

```
N5K-1 (config)#interface fc2/3
N5K-1 (config-if)#switchport mode sd
N5K-1 (config-if)# no shutdown
```

What is the result of implementing this configuration?

- A. The Fibre Channel interface is configured for synchronization distribution.
- B. The Fibre Channel interface is configured for SPAN.
- C. The Fibre Channel interface is configuration for source distribution.
- D. The Fibre Channel interface is configured for FSPF.

Answer: B

Explanation:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/san_switching/421_n1_1/b_Cisco_n5k_nxos_sanswitching_config_guide_rel421_n1_1/Cisco_n5k_nxos_sanswitching_config_guide_rel4
https://www.cisco.com/en/US/docs/switches/datacenter/nexus5000/sw/configuration/guide/cli_rel_4_1/Cisco_Nexus_5000_Series_Switch_CLI_Software_Configuration_Guide_chapter50.html

NEW QUESTION 117

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.

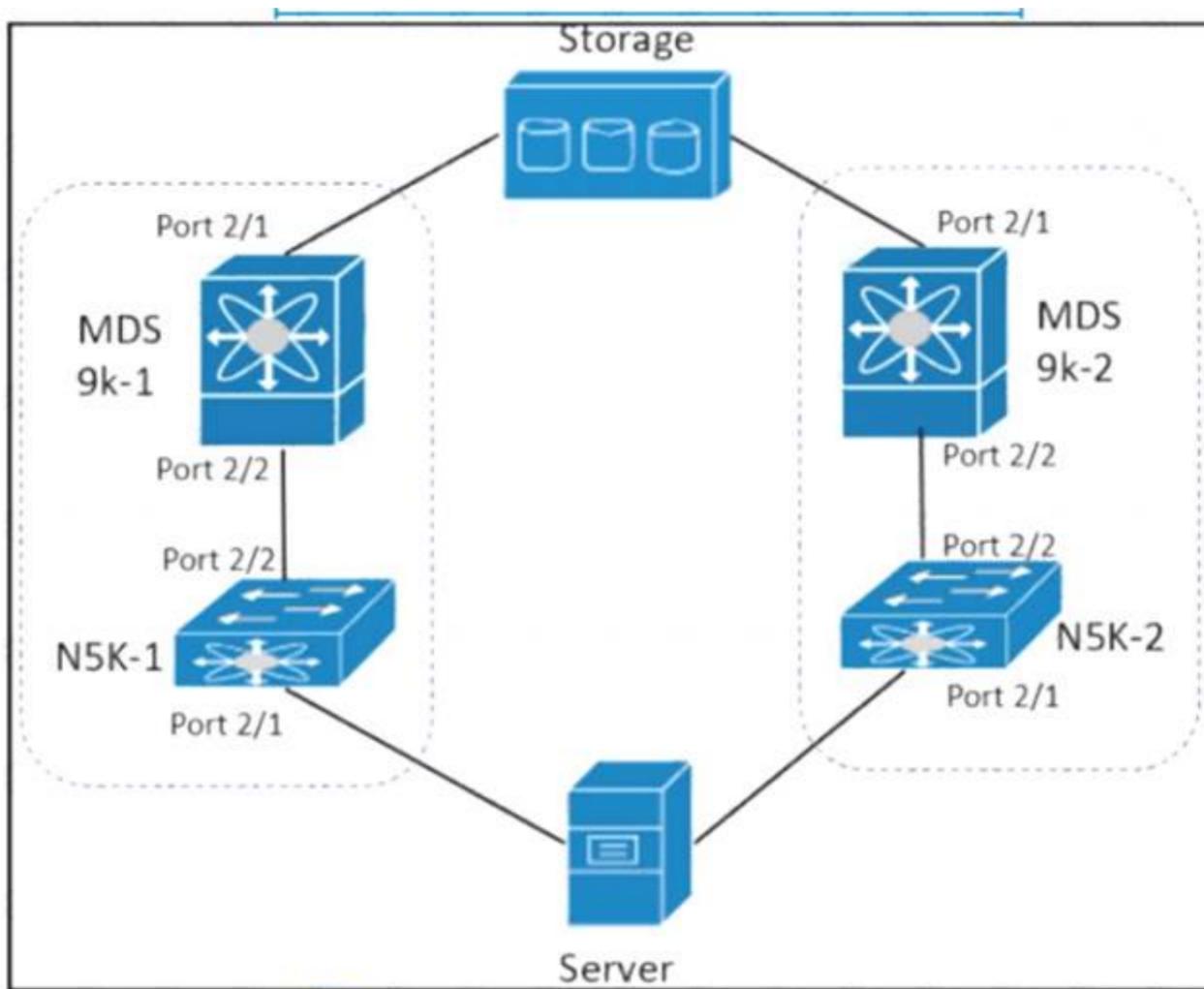
```
class copp-system-p-class-management set cos 2
```

```
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 119

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 124

An engineer must configure OSPF in the data center. The external routes have already been redistributed OSPF. The network must meet these criteria:

- * The data centre servers must reach services in the cloud and the services behind the redistributed routes.
 - * The exit point toward the internet should be propagated only when there is a dynamically learned default route from the upstream router.
- Which feature is required?

- A. Default-information originate
- B. Stubby area
- C. Totally stubby area
- D. Default-information originate always

Answer: A

Explanation:

<https://learningnetwork.cisco.com/s/question/0D53i00000Kt544/defaultinformationoriginate-always>

NEW QUESTION 128

An engineer must implement protection against ICMP DoS attacks on a Cisco Nexus 9000 Series Switch. The requirement is to rate-limit ICMP without denying all other ICMP traffic. The ICMP traffic currently passing through the Cisco Nexus 9000 device must not be affected. Which configuration accomplishes these goals?

- A. Configure SNMP traps to send the ICMP notification if the CPU utilization is more than 90%.
- B. Reconfigure the Layer 3 interfaces to be in the non-default VRF and ICMP broadcast storm control
- C. Create an access list to deny ICMP traffic and apply it to all interfaces in the inside direction.
- D. Apply a control plane service policy that matches all ICMP traffic to drop the traffic if it exceeds the threshold.

Answer: D

NEW QUESTION 131

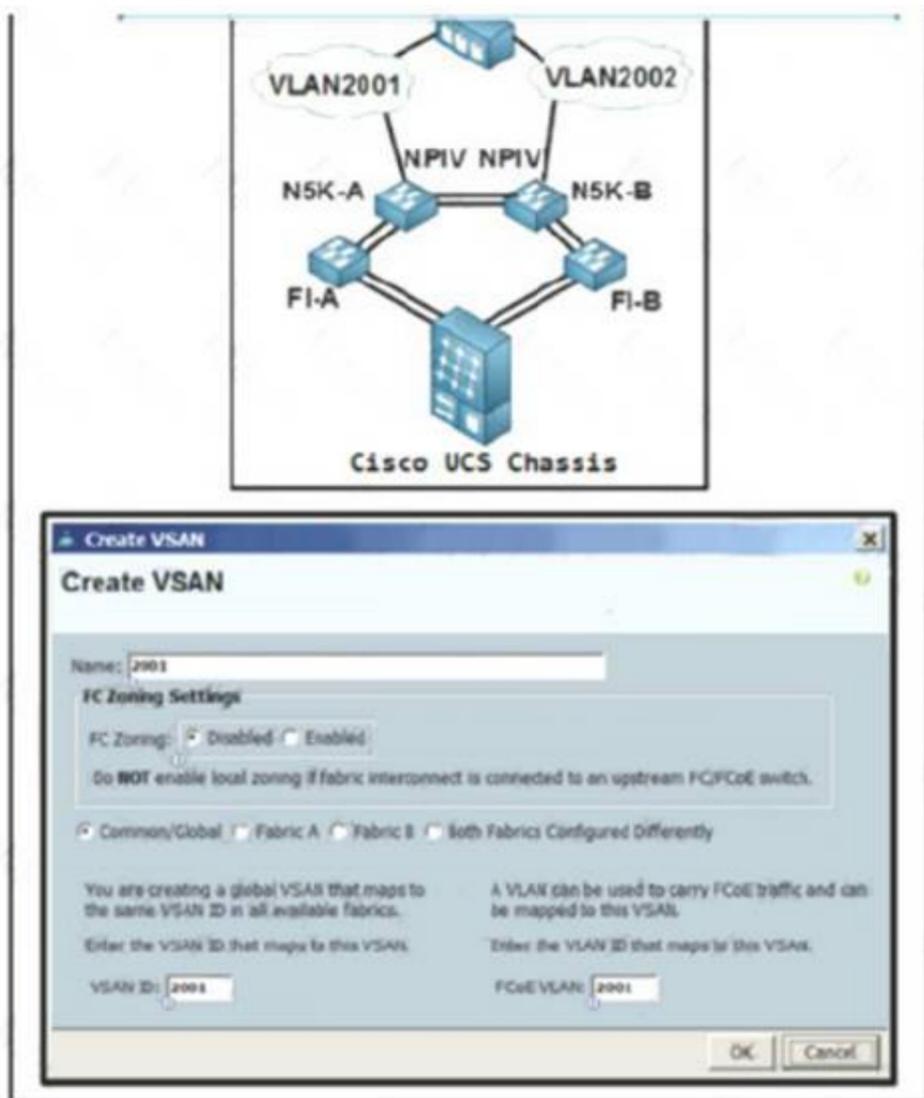
Which two features are used to allow a nondisruptive upgrade for the ISSU process? (Choose two.)

- A. connectivity management processor
- B. nonstop forwarding
- C. graceful restart
- D. stateful switchover
- E. advanced services license

Answer: BD

NEW QUESTION 132

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 136

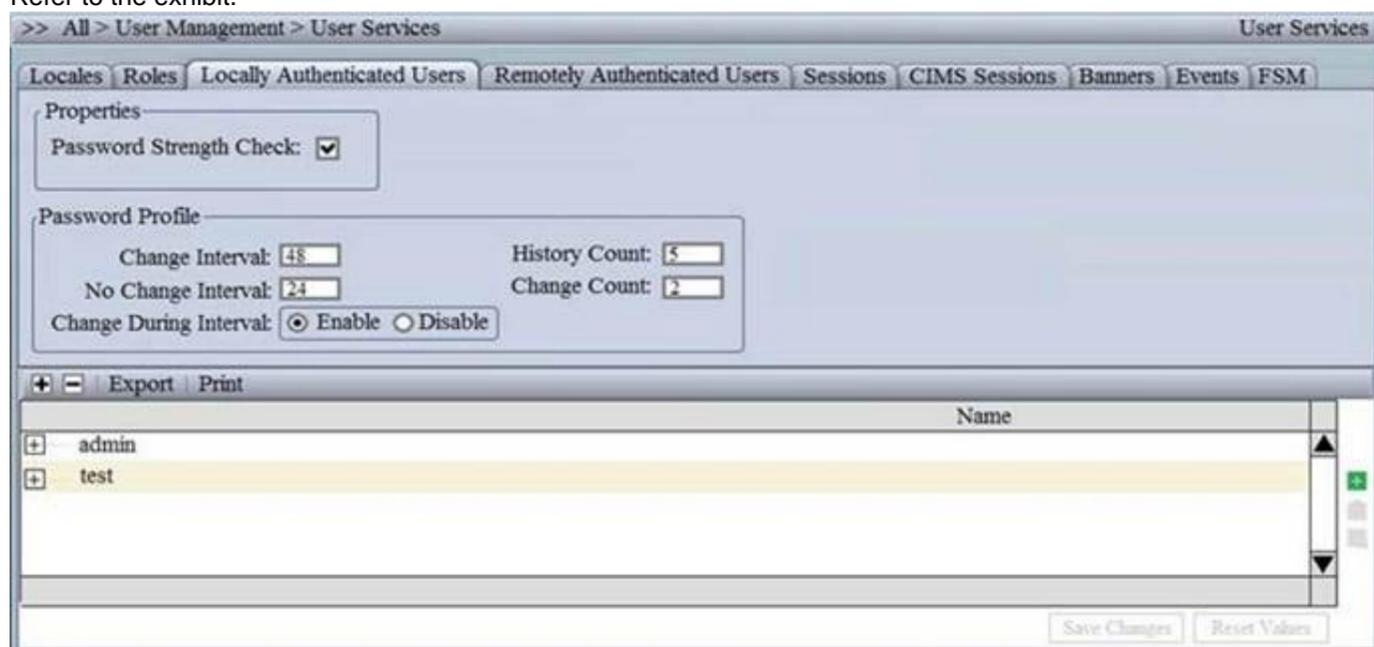
An engineer must configure Cisco Nexus 9000 Series Switches for Cisco UCS Director integration. The configuration must enable automated onboarding of the switches as they come online. For security purposes, the switches must have the bare minimum of connection methods enabled. The connection protocol 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 140

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

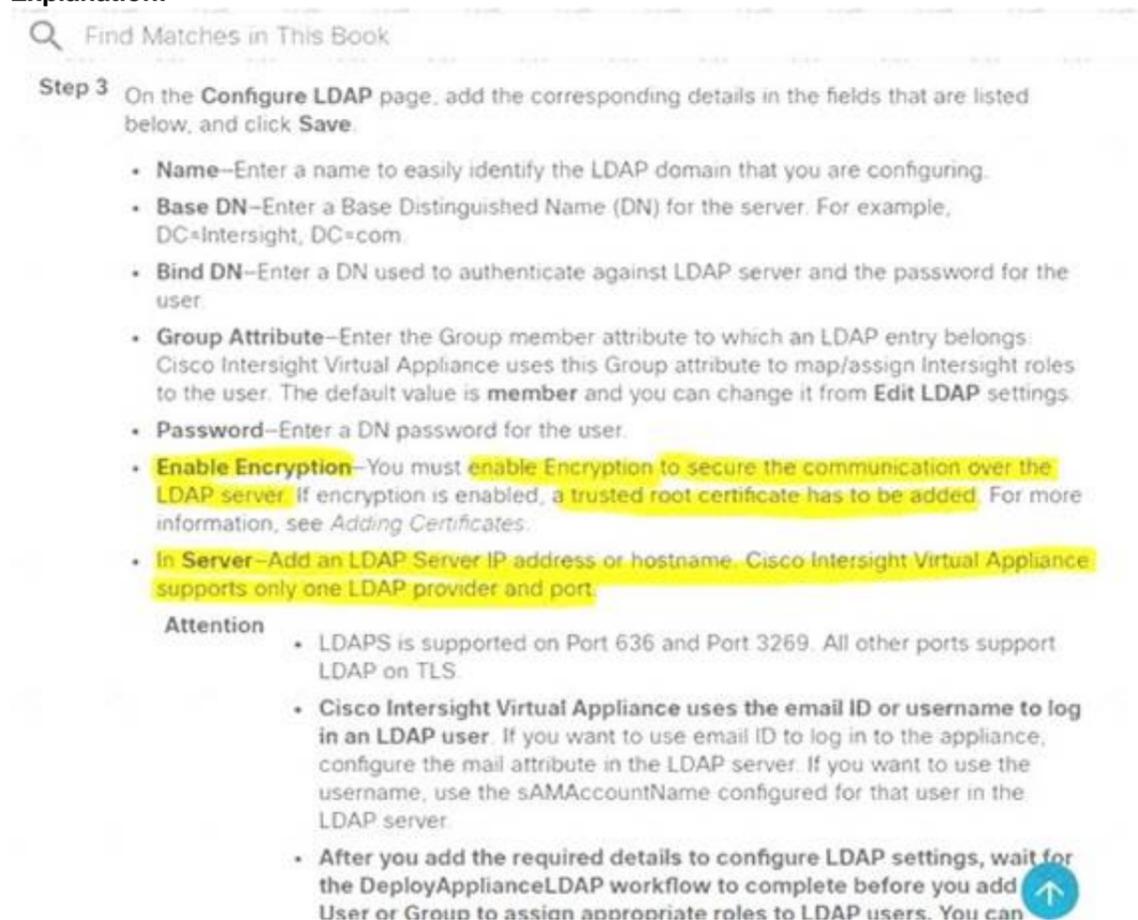
NEW QUESTION 145

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 148

A network administrator is using the Cisco ESA with Cisco AMP to upload files to the cloud for analysis. The network is congested and is affecting communication.

How will the Cisco ESA handle any files which need analysis?

- A. Cisco AMP calculates the SHA-256 fingerprint, caches it, and periodically attempts the upload.
- B. The Cisco ESA immediately makes another attempt to upload the file.
- C. The file is queued for upload when connectivity is restored.
- D. The file upload is abandoned.

Answer: A

NEW QUESTION 153

A customer requires a solution to orchestrate the configuration of storage arrays, firewalls, and Cisco ACI networking. Additionally, the orchestration product must support open automation and a service catalog. Which solution meets these requirements?

- A. Cisco UCS Director
- B. Cisco Intersight
- C. Cisco Data Center Network Manager
- D. Cisco Workload Optimization Manager

Answer: C

NEW QUESTION 158

Which statement describes monitoring Fibre Channel traffic on a Cisco UCS 6332 Fabric Interconnect?

- A. Fibre Channel traffic is monitored only on one vHBA per server.
- B. The destination port for monitoring must be an unassigned Fibre Channel port.
- C. The monitoring of Fibre Channel traffic is limited to the default VSAN.
- D. Fibre Channel traffic is capable to be monitored as it is encapsulated as FCoE.

Answer: D

Explanation:

You can monitor Fibre Channel traffic using either a Fibre Channel traffic analyzer or an Ethernet traffic analyzer. When Fibre Channel traffic is monitored with an Ethernet traffic monitoring session, at an Ethernet destination port, the destination traffic is FCoE. The Cisco UCS 6300 Fabric Interconnect supports FC SPAN only on the ingress side. A Fibre Channel port on a Cisco UCS 6248 Fabric Interconnect cannot be configured as a source port.

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/System-Monitoring/3-2/b_UCSM_GUI_System_Monitoring_Guide_3_2/b_UCSM_GUI_System_Monitoring_Guide_3_2_chapter_01101.pdf

NEW QUESTION 163

An engineer needs to monitor ingress traffic that arrives at interface Ethernet 1/3 that belongs to a Cisco Nexus 5600 Series Switch. The traffic analyzer machine located at interface Ethernet 1/5 is already monitoring other production, and the traffic analyzer must not be impacted by the traffic captured from the interface Eth1/3. The operations team allocated a traffic budget for the new monitoring session of 1 Gbps to meet this requirement Which set of commands configures the SPAN session?

- interface Ethernet 1/3
switchport monitor rate-limit 1G

monitor session 2
destination interface ethernet 1/5
source interface Eth 1/3
- interface Ethernet 1/3 rx
switchport mode SD
switchport monitor rate-limit 1G
monitor session2
destination interface ethernet 1/5
- interface Ethernet 1/3
monitor rate-limit 1G
destination interface ethernet 1/5
source interface rx

interface Ethernet 1/5
monitor session 2
destination interface tx
- interface Ethernet 1/3
monitor session 2
destination interface ethernet 1/5
source interface rx

interface Ethernet 1/5
monitor rate-limit 1G

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

Answer: A

Explanation:

Find Matches in This Book

	<code>switch(config)# interface ethernet slot/port</code>	Enters interface configuration mode for the specified Ethernet interface selected by the slot and port values.
Step 3	<code>switch(config-if)# switchport monitor rate-limit 1G</code>	Specifies that the rate limit is 1 Gbps.
Step 4	<code>switch(config-if)# exit</code>	Reverts to global configuration mode.

Example

This example shows how to limit the bandwidth on Ethernet interface 1/2 to 1 Gbps:

```
switch(config)# interface ethernet 1/2
switch(config-if)# switchport monitor rate-limit 1G
switch(config-if)#
```

Configuring Source Ports

Procedure

	Command or Action	Purpose
Step 1	<code>switch# configure terminal</code>	Enters global configuration mode.
Step 2	<code>switch(config) # monitor session session-number</code>	Enters monitor configuration mode for the specified monitoring session.
Step 3	<code>switch(config-monitor) # source interface type slot/port [rx tx both]</code>	Adds an Ethernet SPAN source port and specifies the traffic direction in which to duplicate packets. You can enter a range of Ethernet, Fibre Channel, or virtual Fibre Channel ports. You can specify the traffic direction to duplicate as ingress (Rx), egress (Tx), or both. By default, the direction is both.

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5600/sw/system_management/7x/b_5600_System_Mgmt_Config_7x/configuring_span.html

NEW QUESTION 164

A Cisco MDS 9000 series storage Switch has reloaded unexpectedly. Where does the engineer look for the latest core dump file?

- A. /mnt/core
- B. /mnt/pss
- C. /mnt/logs
- D. /mnt/recovery

Answer: B

Explanation:

Graphical user interface, text, application, email Description automatically generated

Saving Cores

You can save cores (from the active supervisor module, the standby supervisor module, or any switching module) to an external CompactFlash (slot 0) or to a TFTP server in one of two ways:

- On demand—Copies a single file based on the provided process ID.
- Periodically—Copies core files periodically as configured by the user.

A new scheme overwrites any previously issued scheme. For example, if you perform another core log copy task, the cores are periodically saved to the new location or file.

Saving the Last Core to Bootflash

This last core dump is automatically saved to bootflash in the **/mnt/pss/** partition before the switchover or reboot occurs. Three minutes after the supervisor module reboots, the saved last core is restored from the flash partition (**/mnt/pss**) back to its original RAM location. This restoration is a background process and is not visible to the user.

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/6_2/configuration/guides/system_management/nx-os/sysmgmt_cli_6-x/sys.html
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/6_2/configuration/guides/system_management/nx-os/sysmgmt_cli_6-x/sys.html#37039

NEW QUESTION 166

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 167

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 171

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 173

Which command reduces the amount of time it takes to complete the ISSU on a Cisco Nexus 7000 series switch that has dual supervisor modules and two I/O modules?

- A. install all kickstart <image>system<image>parallel
- B. install all epld bootflash:<image>
- C. install all epld bootflash:<image>
- D. install all kickstart<image>system<image>

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

Parallel Upgrade

Parallel Upgrade with I/O Modules

Starting with Cisco NX-OS Release 5.2(1), multiple linecards can be simultaneously upgraded, and the infrastructure support is available. This decreases the ISSU time when compared with an ISSU upgrade that is done serially (one card at a time).

To start a parallel upgrade, use the following command: **install all kickstart image system image parallel**

Up to three linecards can be upgraded in parallel with this command. During the upgrade process, the upgrade of the linecards is displayed in the output as follows:

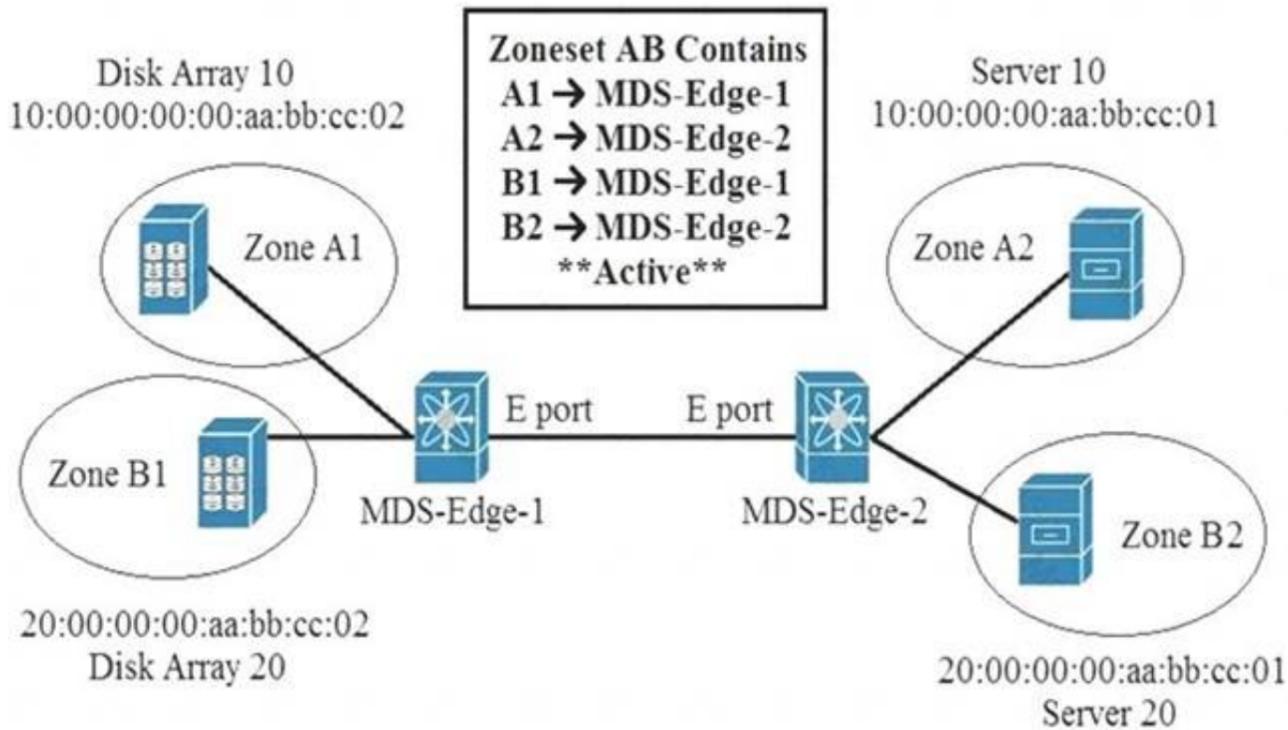
```
Non-disruptive upgrading.
[#          ] 0%
Module 5 upgrade completed successfully.
.
.
.
Module 3 upgrade completed successfully.
```

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus7000/sw/upgrade/guide/cisco_nexus7000_software_upgrade_and_downgrade_guide_8x.html

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/7_x/nx-os/upgrade/guide/b_Cisco_Nexus_7000_Series_NX-OS_Software_Upgrade_and_Downgrade_Guide_Release_7-x.html#d54e307a1635

NEW QUESTION 175

Refer to the exhibit.



An engineer is implementing zoning on two Cisco MDS switches. After the implementation is finished, E Ports that connect the two Cisco MDS switches becomes isolated. What is wrong with the implementation?

- A. E Ports on both MDS switches must be configured as F ports for the zoning to function.
- B. Zones are local to the MDS switch and name service must be used to activate the connection between E ports.
- C. Different zone set names must be configured on both MDS switches.
- D. Zones must have the same name on both MDS switches for the E ports to function.

Answer: D

Explanation:

When two switches in a fabric are merged using a TE or E port, these TE and E ports may become isolated when the active zone set databases are different between the two switches or fabrics." https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/6_2/configuration/guides/fabric/nxos/n

NEW QUESTION 177

The Cisco Nexus 5600 Series Switch experiences occasional packet drops on interface ethernet 1/16. An engineer wants to implement a SPAN session to investigate the issue further. The network analyzer to which the packets must be directed is located on interface 1/3. The analyzer is limited on disk space available for traffic capture, so the Nexus switch should send only the relevant data. Which two command sets configure the SPAN session that meets these requirements? (Choose two.)

- interface ethernet 1/3
switchport monitor
- monitor session 2
destination interface ethernet 1/3
span interface ethernet 1/16
- interface ethernet 1/3
switchport span
- span session 2
type SPAN-on-DROP
destination interface ethernet 1/3
source interface ethernet 1/16
- monitor session 2 type SPAN-on-DROP
destination interface ethernet 1/3
source interface ethernet 1/16

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

Answer: AE

Explanation:

<https://www.cisco.com/c/en/us/products/collateral/switches/nexus-5000-series-switches/white-paper-c11-73302> The information to be sent is regarding dropped packets only.

This configuration creates a SPAN session with type SPAN-on-DROP. In the following example, the source interface, where congestion may be present, is port e3/1. The destination port is e3/2, which must be in switchport monitor mode

```
switch(config)# monitor session <session_number> type SPAN-on-DROP
switch(config-SPAN-on-DROP)# source interface e3/1
switch(config-SPAN-on-DROP)# destination interface e3/2
```

NEW QUESTION 179

The Cisco Nexus switch Generic Online Diagnostics policy for a PortLoopback test requires 10 consecutive failures to error disable the port. The customer wants to change it to 5 consecutive failures. Which configuration applies the changes for module 1 only?

- Nexus(config)# event manager applet custom-PortLoopback override __PortLoopback
 Nexus(config-applet)# event gold mod all test PortLoopback testing-type bootup consecutive-failure 5
 Nexus(config-applet)# action 1 publish-event
- Nexus(config)# event manager applet custom-PortLoopback override __PortLoopback
 Nexus(config-applet)# event gold mod 1test PortLoopback testing-type bootup consecutive-failure 5
 Nexus(config-applet)# action 1 publish-event
- Nexus(config)# event manager applet custom-PortLoopback override __PortLoopback
 Nexus(config-applet)# event gold mod all test PortLoopback testing-type monitoring consecutive-failure 5
 Nexus(config-applet)# action 1 policy-default
- Nexus(config)# event manager applet custom-PortLoopback override __PortLoopback
 Nexus(config-applet)# event gold mod 1 test PortLoopback testing-type monitoring consecutive-failure 5
 Nexus(config-applet)# action 1 policy-default

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

Answer: D

Explanation:

“mod all” is incorrect. “mod 1test” is incorrect. “publish event” is incorrect. “mod 1 test” is correct. It is with “policy-default”.

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus7000/sw/system-management/guide/b_Cisco_Nexus_7000_Series_NX-OS_System_Management_Configuration_Guide-RI/configuring_online_diagnostics.html

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/93x/system-management/bcisco-nexus-9000-series-nx-os-system-management-configuration-guide-93x/b-cisco-nexus-9000-seriesnxos-system-management-configuration-guide-93x_chapter_011010.html

<https://www.ciscolive.com/c/dam/r/ciscolive/us/docs/2017/pdf/BRKDCN-3234.pdf>

NEW QUESTION 183

AN engineer is asked to modify an overridden policy by changing the number of FCNS database entries to 1500 and then generable a message. What configuration will accomplish this task?

- A. event manager applet fcns_policyevent fcns entries max-per-switch 1500
 action 1.0 syslog priority warnings msg FCNS DB entries have reached the EEM limit
 action 2.0 policy-default
- B. event manager applet fcns_policy override _fcns_entries_max_per_switch
 action 1.0 syslog priority errors "CNS DB entries have reached the EEM limit"
 action 2.0 policy-default
- C. event manager applet fcns_policy override _fcns_entries_max_per_switch
 event fcns entries max-per-switch 1500
 action 1.0 syslog priority warnings msg FCNS DB entries have reached the EEM limit
- D. event manager applet fcns_policy action 1.0 syslog priority warnings msg FCNS DB entries have reached the EEM limit
 action 2.0 event-default

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

Answer: C

Explanation:

The following example modifies an overridden policy by changing the number of FCNS database entries to 1500. It also generates both the configured and the default syslog messages of the default system policy event manager applet fcns_policy override fcns_entries_max_per_switch event fcns entries max-per-switch 1500 action 1.0 syslog priority warnings msg FCNS DB entries have reached the EEM limit.

NEW QUESTION 184

Which two actions should be performed before upgrading the infrastructure and firmware of multiple UCS blades? (Choose two)

- A. Verify if the bootflash on the fabric interconnects in the Cisco UCS has at least 15%* available space
- B. Enable Smart Call Home feature during the firmware upgrade process

- C. Verify if the bootflash on the fabric interconnects in the Cisco UCS has at least 10% available space
- D. Run the Check Conformance feature to verify that all your components are running the compatible firmware version after the upgrade
- E. Get Full State and All Configuration backup files before beginning the upgrade

Answer: DE

NEW QUESTION 187

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 should 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 188

What is a benefit of using Cisco Tetration?

- A. It collects telemetry data from servers and then uses software sensors to analyze flow information.
- B. It collects near-real time data from servers and inventories the software packages that exist on servers.
- C. It collects policy compliance data and process details.
- D. It collects enforcement data from servers and collects interpacket variation.

Answer: A

NEW QUESTION 189

An engineer requires a solution to automate the configuration and deployment of remote network devices for a customer. The engineer must keep these considerations in mind:

- The customer's environment is based on industry-accepted standards and requires a solution that meets these standards.
- The security requirements mandate the use of a secure transport mechanism between the automation software and target devices such as SSH or TLS.
- The solution must be based on a human-readable and easy to parse format such as XML or JSON. Which solution must be used to meet these requirements?

- A. SNMP
- B. REST API
- C. Ansible
- D. NETCONF

Answer: D

Explanation:

<https://www.cisco.com/c/en/us/products/collateral/ios-nx-os-software/ios-xe/nb-06-cisco-ios-xe-faq-en.html>

NEW QUESTION 194

Cisco Nexus 9000 Series Switches are configured with LACP protocol and default aging timers. What is the impact on the LACP peer during an ISSU upgrade?

- A. The LACP peer connection terminates.
- B. The LACP peer session remains up.
- C. The LACP peer renegotiates the adjacency.
- D. The LACP peer connection resets.

Answer: B

Explanation:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/6-x/interfaces/configuration/guide/b_ISSU_and_ungraceful_switchovers_are_not_supported_with_LACP_fast_timers

NEW QUESTION 198

The Cisco UCS blade chassis must send SNMPv3 traps to a network monitoring system. The SNMP trap messages should be authenticated and have protection from closure. Which SNMP security privileged level should be configured?

- A. noPriv
- B. auth
- C. noAuth
- D. priv

Answer: D

NEW QUESTION 202

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 206

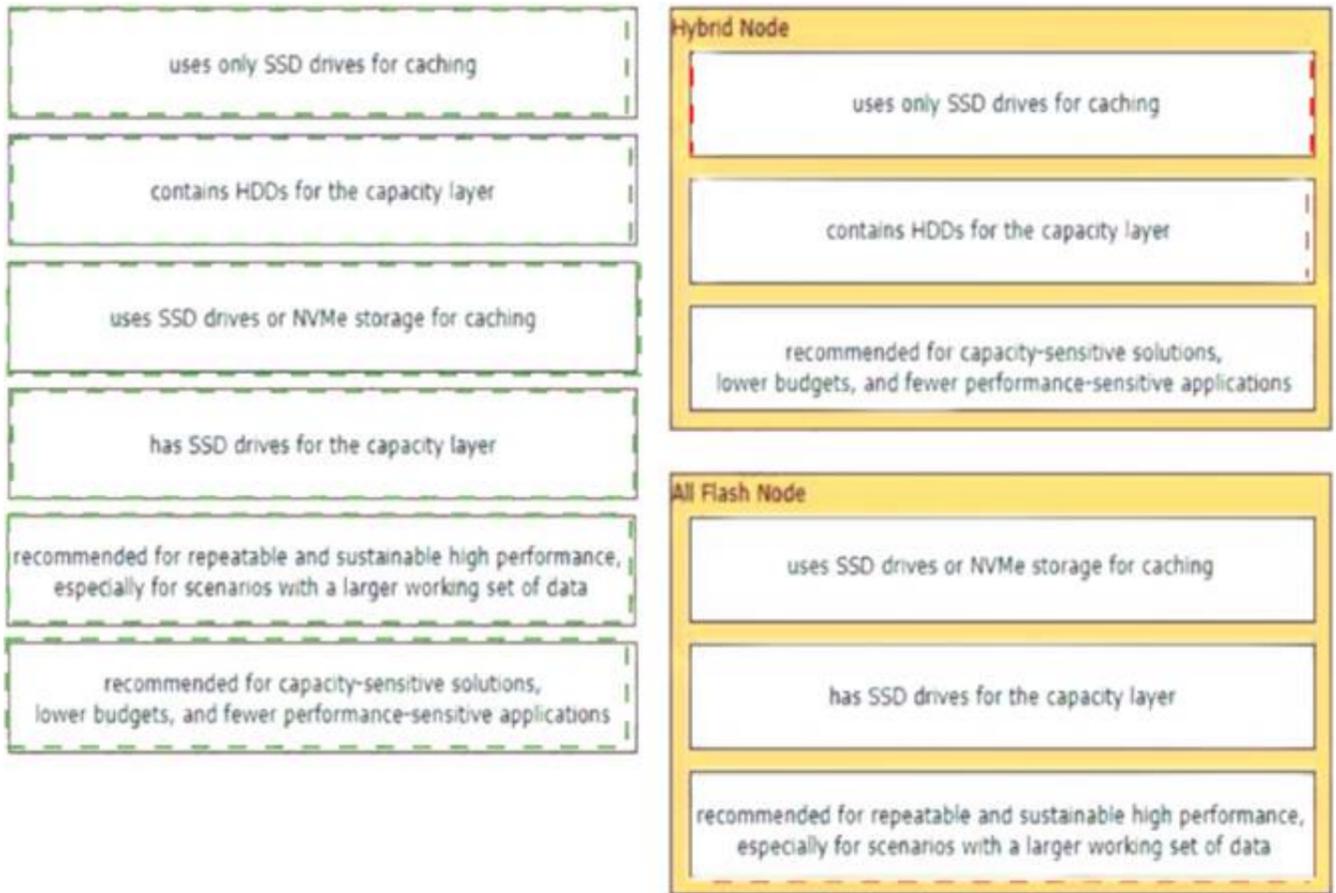
Drag and drop the Hyperflex characteristics from the left onto the appropriate Hyper Hex node types on the right.

uses only SSD drives for caching	<div style="border: 2px solid yellow; padding: 5px; margin-bottom: 10px;"> Hybrid Node <div style="border: 1px solid gray; height: 30px; width: 100%;"></div> <div style="border: 1px solid gray; height: 30px; width: 100%;"></div> <div style="border: 1px solid gray; height: 30px; width: 100%;"></div> </div> <div style="border: 2px solid yellow; padding: 5px;"> All Flash Node <div style="border: 1px solid gray; height: 30px; width: 100%;"></div> <div style="border: 1px solid gray; height: 30px; width: 100%;"></div> <div style="border: 1px solid gray; height: 30px; width: 100%;"></div> </div>
contains HDDs for the capacity layer	
uses SSD drives or NVMe storage for caching	
has SSD drives for the capacity layer	
recommended for repeatable and sustainable high performance, especially for scenarios with a larger working set of data	
recommended for capacity-sensitive solutions, lower budgets, and fewer performance-sensitive applications	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 210

An engineer must create an EPG called "Test". The configuration request should succeed if the Tenant called "Tenant" and the application profile called "Test" exist. The firewall policy allows only the HTTP connectivity to APIC from the user's computer. Which action accomplishes this goal?

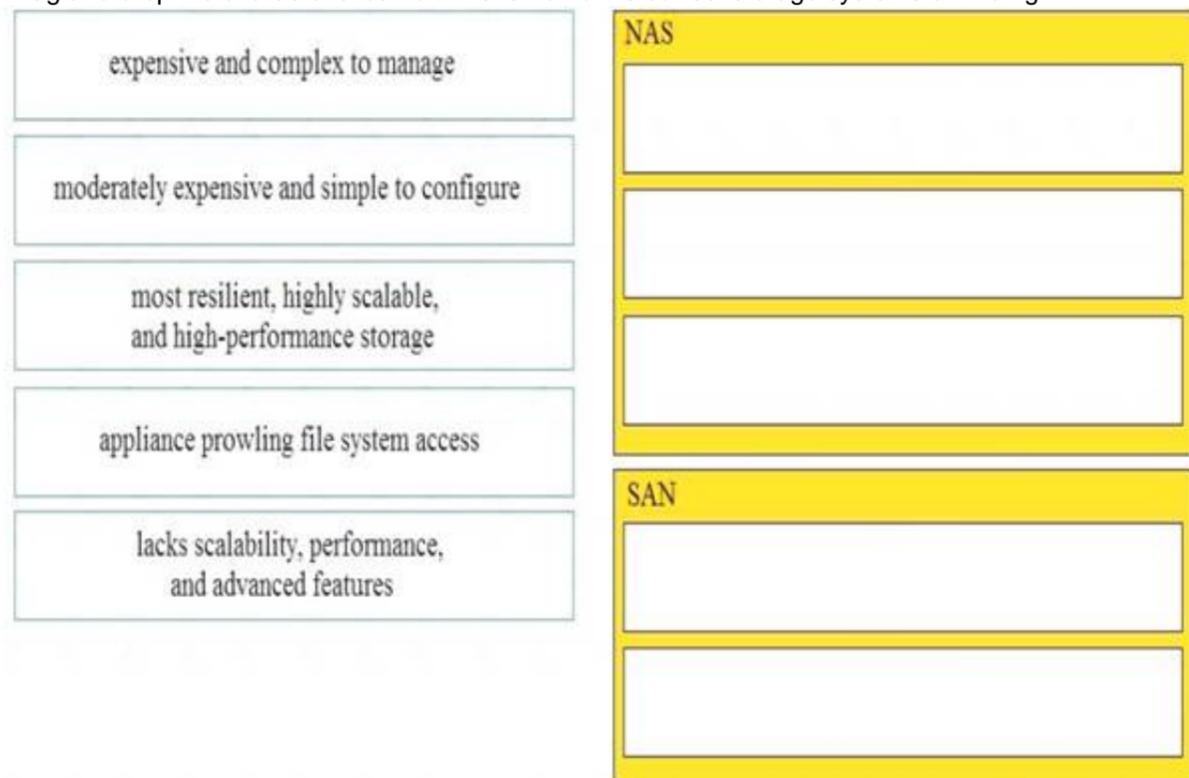
- Send <fvAEPg dn="uni/tn-Test/ap-Test/epg-Tenant" status="created"/> to APIC payload using HTTP PUT to the Cisco APIC.
- Send <fvAEPg dn="uni/tn-Test/ap-Test/epg-Tenant" status="created"/> to APIC payload using HTTP POST to the Cisco APIC.
- Send <fvAEPg dn="uni/tn-Tenant/ap-Test/epg-Test" status="created"/> to APIC payload using HTTP POST to the Cisco APIC.
- Send <fvAEPg dn="uni/tn-Tenant/epg-Test/ap-Test" status="created"/> to APIC payload using HTTP PUT to the Cisco APIC.

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

Answer: C

NEW QUESTION 211

Drag and drop the characteristics from the left onto the correct storage systems on the right.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface Description automatically generated with medium confidence
 2,4,5 – NAS 1,3 - SAN

NEW QUESTION 213

An engineer requires the Cisco Fabric Services to distribute NTP configuration only to the members within the scope of a VSAN that belongs to a Cisco Unified Network. Which scope distribution must be selected to meet this requirement?

- A. Logical scope
- B. Physical scope
- C. Uncoordinated scope
- D. Coordinated scope

Answer: A

NEW QUESTION 214

Refer to the exhibit.

```
#!/bin/env python
from cli import *

[REDACTED]

x= cli('show running-config | include address')
y= x.find('192.168.101.191/25')
z= x.find('192.168.101.192/25')
if y != -1:
    cli ('copy tftp://192.168.101.253/initdev1.cfg bootflash: vrf management')
    cli ('copy bootflash:initdev1.cfg scheduled-config')
if z != -1:
    cli ('copy tftp://192.168.101.253/initdev2.cfg bootflash: vrf management')
    cli ('copy bootflash:initdev2.cfg scheduled-config')
cli ('copy running-config startup-config')
```

Which information must be added to the script to complete the POAP operation on the Cisco Nexus 9000 Series Switch?

- API token d41d8cd98f00b40960045298ecf8427e of the Cisco APIC.
- MD5SUM 41d8cd98f00b204e9800998ecf8427e of the Python code.
- API token d41d8cd98f00b77986331998ecf8427e of the Cisco Nexus 9000 Series Switch.
- MD5SUM d41d8cd98f00b20449800998ecf8427e of the script file.

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

Answer: D

NEW QUESTION 219

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 223

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

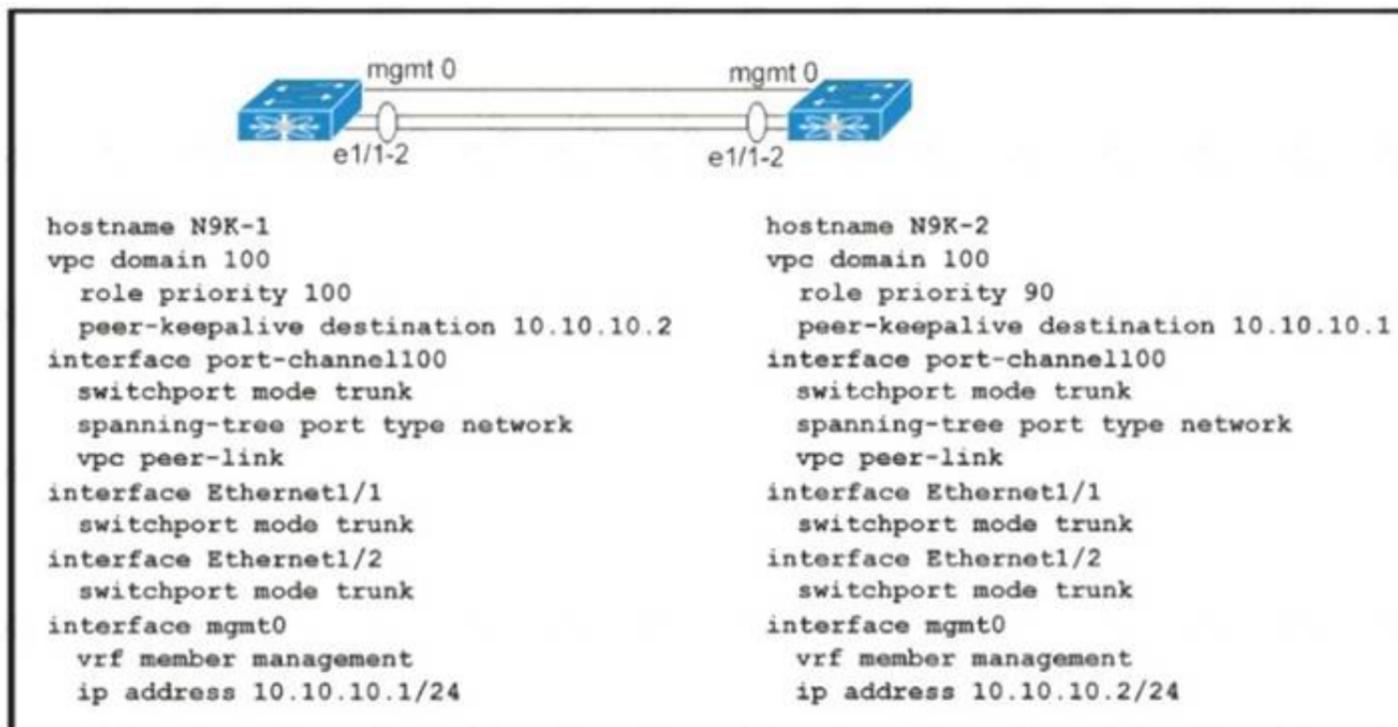
Answer: B

Explanation:

<https://www.cisco.com/c/en/us/products/collateral/hyperconverged-infrastructure/hyperflex-hx-series/white-pap> Hybrid contains HDD for capacity.

NEW QUESTION 227

Refer to the exhibit.



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 232

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 233

What is the impact of an EPLD upgrade on a Cisco MDS 9000 Series Switch?

- A. The active supervisor traffic is disrupted.
- B. The upgrade disrupts the management connectivity to the switch.
- C. The standby supervisor module reloads multiple times.
- D. The upgrade process disrupts only the module that is being upgraded.

Answer: D

NEW QUESTION 237

A content delivery network sends video traffic to a multicast distribution device where the receiver requests the traffic from the multicast distribution device through an IGMP join message. When the traffic reaches the multicast routing device from a CDN the switching network populates the multicast routing table in the group (S, G) and the multicast distribution device sends the required traffic back to the receiver. Which feature is used to send back the traffic from the streamer to the receiver in the group (S, G)?

- A. RP
- B. IGMP
- C. Reverse Path Forwarding
- D. Source Specific Multicast

Answer: C

NEW QUESTION 241

Drag and drop the keywords onto the URL request to collect all the subnets configured under tenant Production using a REST API. Not all options are used.

```

https://{apic_ip}/api/ [ ] /uni/tn-Production.json?
[ ] = [ ] & [ ]
=fvSubenet

target-subtree-class      query-target-filter      query-target
children                  subtree                    class
mo
    
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text Description automatically generated

NEW QUESTION 244

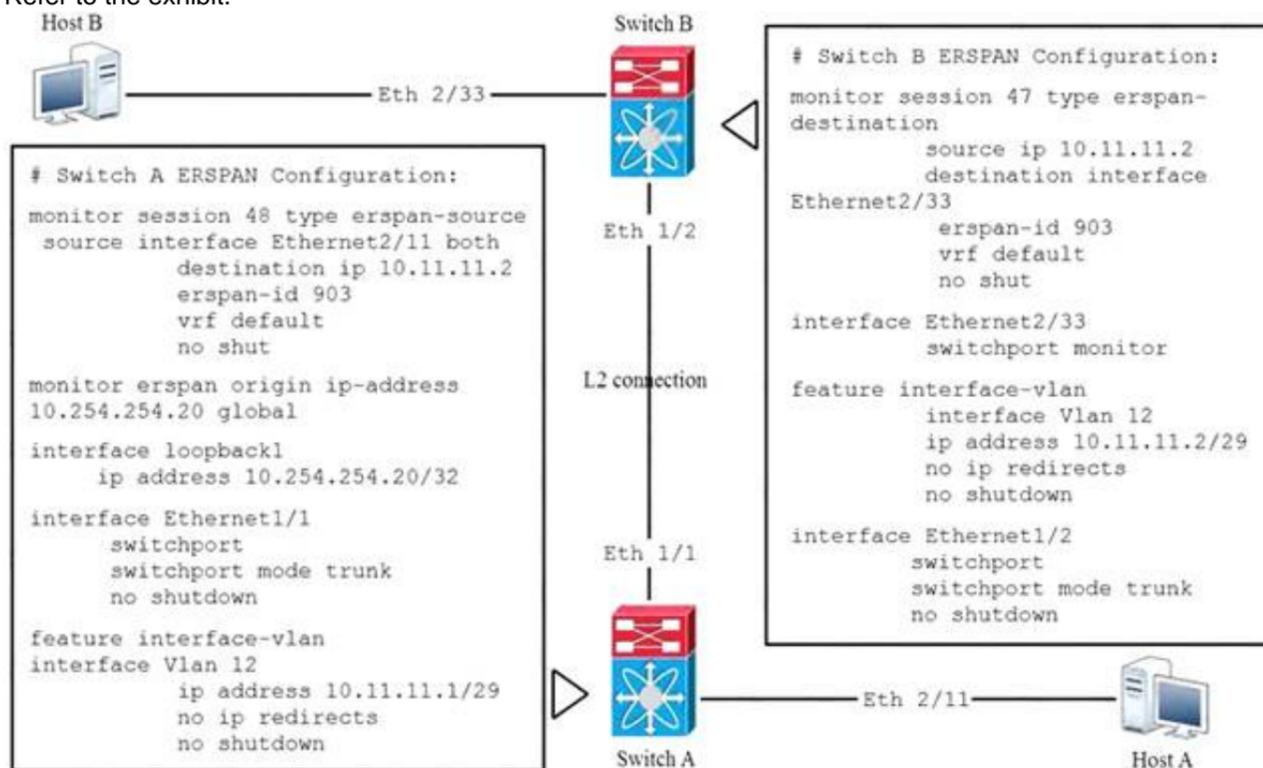
Which feature is supported with an In-Service Software Upgrade on a Cisco Nexus 9000 Series Switch?

- 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 249

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 252

An engineer must configure Cisco IMC server management NIC for autonegotiation. Which setting should be selected?

- A. Cisco card
- B. shared LOM

- C. dedicated
- D. shared LOM EXT

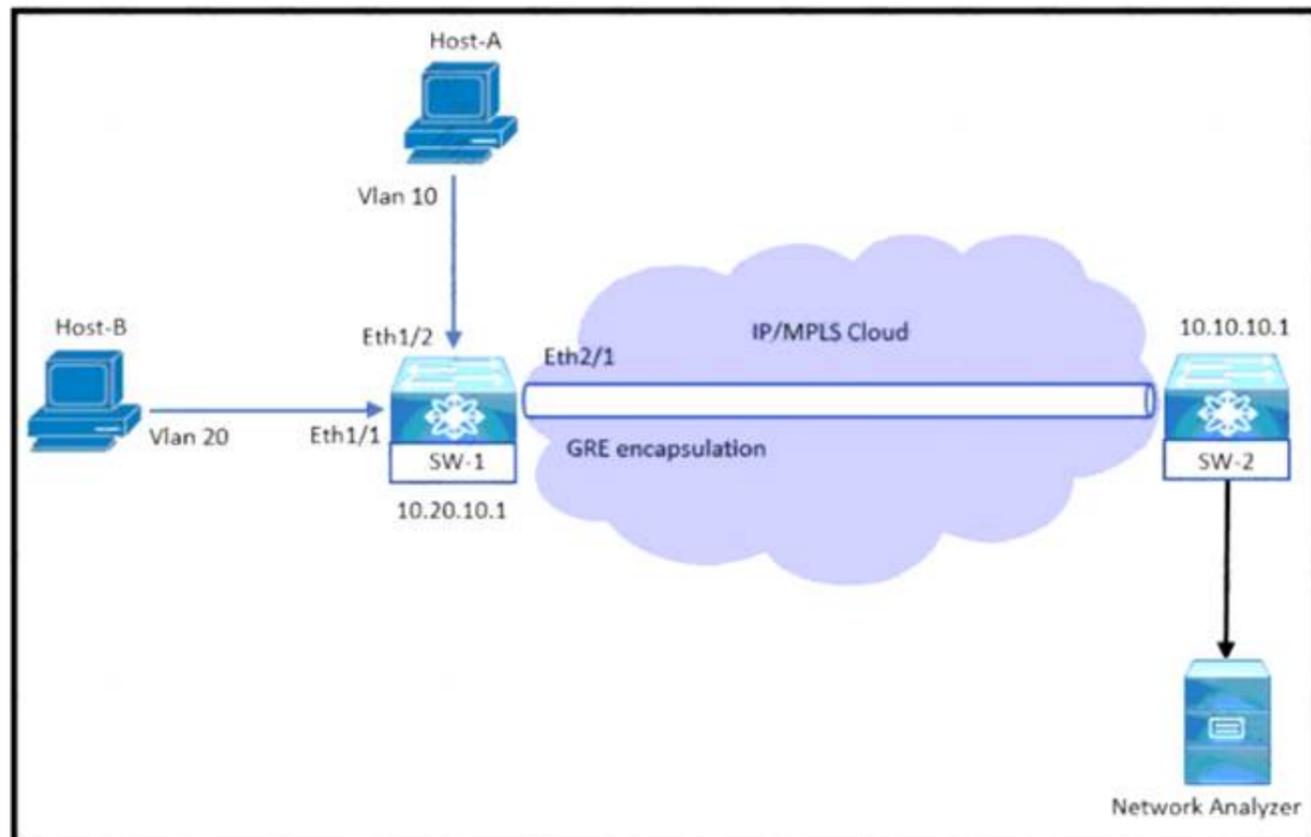
Answer: C

Explanation:

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/c/sw/cli/config/guide/4_0/b_Cisco_UCS_CSeries_CLI_Configuration_Guide_40/b_Cisco_UCS_CSeries_CLI_Configuration_Guide_40_chapter_01000.html
<https://www.cisco.com/c/en/us/support/docs/servers-unified-computing/unified-computing-system/200221-Auto-negotiation-not-enabling-by-default.html>

NEW QUESTION 256

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 258

An engineer must perform a nondisruptive software upgrade on a dual supervisor Cisco Nexus 7000 series switch. What is the cause of the upgrade being disruptive?

- A. The show install all impact command is not issued before the upgrade

- B. The kickstart image is installed by using the Install all kickstart image system image command
- C. Attempt to simultaneously upgrade more than three cards
- D. Change to the configuration settings or the network connections during the upgrade process

Answer: D

NEW QUESTION 261

Refer to the exhibit.

```
NEXUS (config)# feature tacacs+
NEXUS (config)# tacacs-server timeout 5
NEXUS (config)# tacacs-server directed-request
NEXUS (config)# tacacs-server deadtime 0
NEXUS (config)# tacacs server host 10.1.50.20 port 49
NEXUS (config)# tacacs-server host 10.1.50.20 key 7 "Flwhg123" timeout 1
NEXUS (config)# aaa group server tacacs+ ISE
NEXUS (config-tacacs+)# server 10.1.50.20
NEXUS (config-tacacs+)# deadtime 10
NEXUS (config-tacacs+)# use-vrf management
NEXUS (config-tacacs+)# source-interface mgmt 0
NEXUS (config)# aaa authentication login default group ISE
```

What is the result of implementing this configuration?

- A. The TACACS+ server uses the type-6 encrypted format.
- B. The switch queries the TACACS+ server by using a clear text PAP login.
- C. The timeout value on the TACACS+ server is 10 seconds.
- D. The switch queries the TACACS+ server by using an encrypted text PAP login.

Answer: D

Explanation:

tacacs-server key

To configure a global TACACS+ shared secret key, use the tacacs-server key command. To remove a configured shared secret, use the no form of this command.

tacacs-server key [0 | 7] shared-secret Syntax Description

7 (Optional) Configures a preshared key specified in encrypted text to authenticate communication between the TACACS+ client and server.

By default, the Cisco NX-OS device uses Password Authentication Protocol (PAP) authentication between the Cisco NX-OS device and the remote server. If you enable CHAP, you need to configure your RADIUS or TACACS+ server to recognize the CHAP vendor-specific attributes (VSAs).

NEW QUESTION 264

An engineer must perform backup and restore of the Cisco UCS Manager configuration. The configuration must be stored on a remote server via XML encoding. The backup must store the configurations of the chassis, FEX, rack servers, IOMs, and blade server. Which set of actions accomplishes these goals?

- A. Perform a logical configuration backup and run the replace import method.
- B. Perform a full state configuration backup and run the restore procedure.
- C. Perform a system configuration backup and run the merge import method
- D. Perform an all configuration backup and run the system restore procedure.

Answer: A

NEW QUESTION 267

Refer to the exhibit.

```
UCS-A# scope adapter 1/1/1
UCS-A# /chassis/server/adapter # show image
Name                               Type      Version   State
-----
ucs-m81kr-vic.2.2.1b.bin           Adapter   2.2(1b)   Active

UCS-A# /chassis/server/adapter # update firmware 2.2(1b)
UCS-A# /chassis/server/adapter* # activate firmware 2.2(1b)
set-startup-only
UCS-A# /chassis/server/adapter* # commit-buffer
UCS-A# /chassis/server/adapter #
```

What is the result of this series of commands?

- A. It reboots the server immediately.
- B. It verifies the firmware update on the server.
- C. It activates the firmware on the next adapter boot.
- D. It updates the firmware on adapter 1/1/1 immediately.

Answer: C

Explanation:

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/CLI-User-Guides/Firmware-Mgmt/ Graphical user interface, text, application, email
 Description automatically generated

Step 6	UCS-A /chassis/server/adapter # activate firmware version-num [set- startup-only]	Activates the selected firmware version on the adapter. Use the set-startup-only keyword if you want to move the activated firmware into the pending-next-boot state and not immediately reboot the server. The activated firmware does not become the running version of firmware on the adapter until the server is rebooted. You cannot use the set-startup-only keyword for an adapter in the host firmware package.
--------	--	---

NEW QUESTION 270

An engineer must optimize ARP responses and reduce unnecessary ARP broadcasts over the VXLAN/EVPN fabric. Which action accomplishes these tasks?

- A. Configure ip proxy-arp under the VLAN SVI associated with the VXLAN VNI.
- B. Configure ip proxy-arp within the VXLAN VNI configuration under the VTEP NVE interface.
- C. Configure suppress-arp within the VXLAN VNI configuration under the VTEP NVE interface.
- D. Configure suppress-arp under the VLAN SVI associated with the VXLAN VNI.

Answer: C

NEW QUESTION 274

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 276

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

Answer: B

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_rolebased_access_control_configuration.html#d18994e1993a1635 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.

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_rolebased_access_control_configuration.html#d18994e1993a1635

NEW QUESTION 281

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 286

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 287

Refer to the exhibit.

```
<?xml version="1.0" encoding="UTF-8"?><imdata totalCount="1"><error code="403" text="Token was invalid (Error: Token timeout)"/></imdata>
```

An engineer configures a new application profile using REST API and receives this error message. Which method can be used before application profile can be configured?

- A. POST to aaaLogin
- B. POST to aaaRefresh
- C. POST to aaaLogout
- D. GET to aaaListDomains

Answer: A

Explanation:

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

Authentication

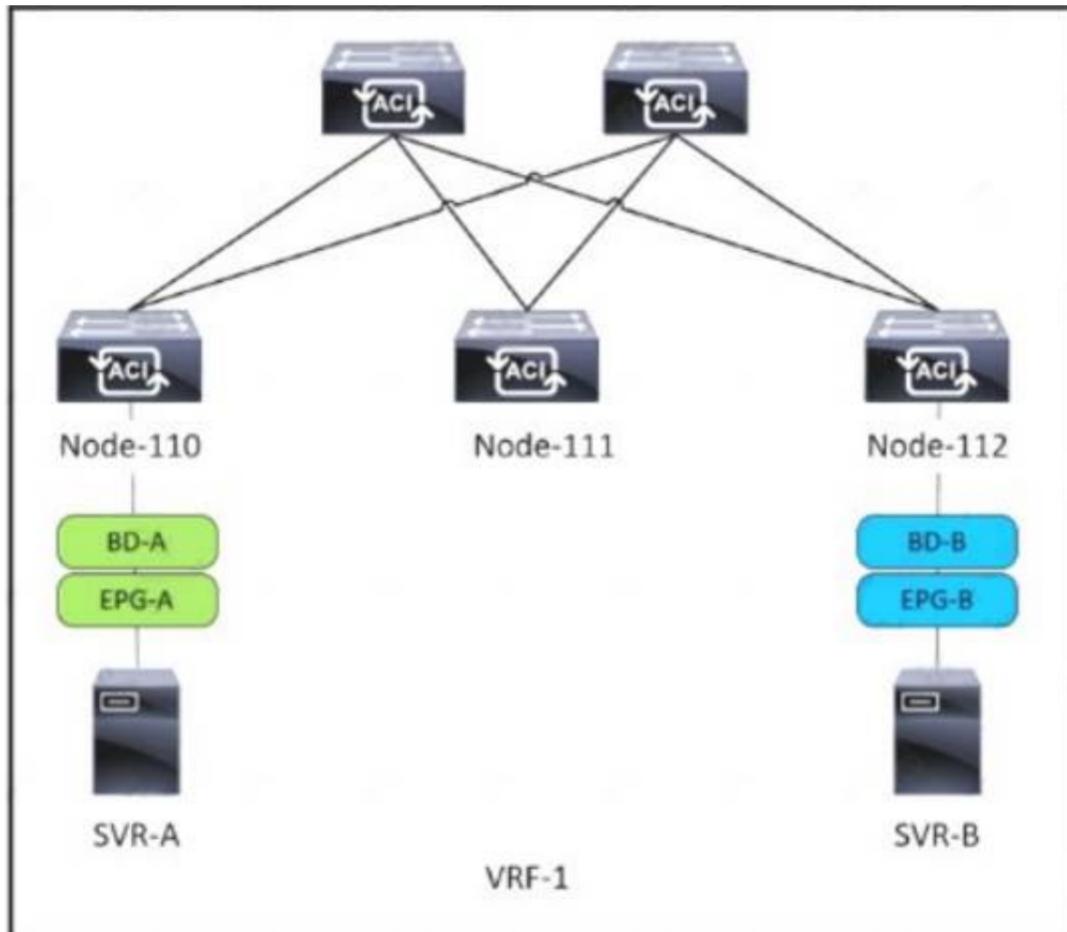
REST API username- and password-based authentication uses a special subset of request Universal Resource Identifiers (URIs), including **aaaLogin**, **aaaLogout**, and **aaaRefresh** as the DN targets of a POST operation. Their payloads contain a simple XML or JSON payload containing the MO representation of an **aaaUser** object with the attribute **name** and **pwd** defining the username and password: for example, `<aaaUser name='admin' pwd='password'/>`. The response to the POST operation will contain an authentication token as both a Set-Cookie header and an attribute to the **aaaLogin** object in the response named **token**, for which the XPath is `/imdata/aaaLogin/@token` if the encoding is XML. Subsequent operations on the REST API can use this token value as a cookie named **APIC-cookie** to authenticate future requests.

Subscription

The REST API supports the subscription to one or more MOs during your active API session. When any MO is created, changed, or deleted because of a user- or system-initiated action, an event is generated. If the event changes the data on any of the active subscribed queries, the APIC will send out a notification to the API client that created the subscription.

NEW QUESTION 290

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

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 mrhb
Incoming interface: port-channel10, RPF nbr: 10.0.1.1
Outgoing interface list: (count: 1)
  Vlan100, uptime: 00:44:09, mrhb

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: 0)
  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 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 Po11 Switch2, the traffic is forwarded out only one Po20.
- 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 and Switch2, the traffic is dropped.
- D. If multicast traffic is received on Switch over the vPC peer-link, the traffic is dropped.

Answer: C

Explanation:

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

NEW QUESTION 294

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

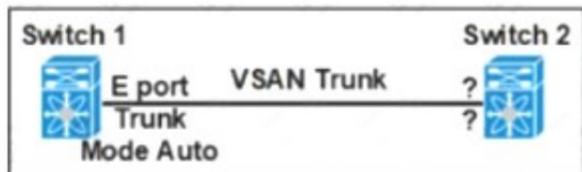
Explanation:

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 298

Refer to the exhibit.



Which feature set must be used to configure on switch 2 to establish a VSAN trunk between switch 1 and switch 2?

- E Port
• Trunk Mode On
- F Port
• Trunk Mode Passive
- N Port
• Trunk Mode Active
- NP Port
• Trunk Mode Auto

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

Answer: A

NEW QUESTION 302

A network engineer must configure FCoE on an interface of a Cisco MDS 9000 Series Switch. It should be used for mapping between VLAN 600 and VSAN 6. Drag and drop the commands from the bottom into their implementation order in the FCoE configuration. Not all commands are used.

```

switch(config)# vlan 600
switch(config-vlan)# 
switch(config)# interface ethernet 1/2
switch(config-if)# switchport mode trunk
switch(config-if)# switchport trunk 
switch(config-if)# spanning-tree port type edge trunk
switch(config)# interface vfc 6
switch(config-if)# bind interface ethernet 1/2
switch(config)# vsan database
switch(config-vsan)# 
    
```

bind vsan 6

vsan 6 interface vfc 6

allowed vlan 1

allowed vlan 1,600

fcoe vsan 6

vsan 6 bind interface vfc 6

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text Description automatically generated

NEW QUESTION 304

A new user with access privileges in the Finance department moves to a new Admin department. The user must have access privileges to the Admin department data and applications inside the Cisco UCS Manager Which set of changes must be implemented in Cisco UCS Central for the user to acquire the privileges?

- A. Create an Admin user account and remove the authentication service for the Finance privileges.
- B. Disable the Finance user account and add the authentication service for the Admin privileges.
- C. Create a new locale Admin and add the Admin department to the Admin local
- D. Delete the old locale
- E. Finance and remove the Finance department from the Finance locale.

Answer: C

NEW QUESTION 305

An engineer must configure remote authentication on a Cisco UCS system. The user password must be encrypted before it is sent to the authentication server. The company security policy requires the server to be based on an open standard. Drag and drop the UCS CLI AAA configuration commands from the left into the order in which they must be implemented on the right. Not all commands are used.

commit-buffer	step 1
create server <ip address>	step 2
set key	step 3
scope radius	step 4
scope tacacs+	step 5
scope security	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
UCS-A# scope security
UCS-A /security # scope radius
UCS-A /security/radius # create server radiusserv7
UCS-A /security/radius/server* # set key
UCS-A /security/radius/server* # commit-buffer
```

NEW QUESTION 308

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 309

Which two statements about the process of performing an EPLD upgrade on a Cisco MDS 9000 series Switch are true? (Choose two.)

- A. If an upgrade is interrupted, the upgrade continues after a connection is restored.
- B. The upgrade can be performed from the standby supervisor module.
- C. The active supervisor can be upgraded.
- D. Modules must be online to be upgraded.
- E. The Upgrade process disrupts only the module that is being upgraded.

Answer: DE

Explanation:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/8_x/release_notes/epld/epld_rn_8x.htm Graphical user interface, text, application, email Description automatically generated

"On a Cisco Nexus 9500 platform switch that has two supervisor modules, upgrade the EPLDs for the standby supervisor and then switch the active supervisor to

the standby mode to upgrade its EPLDs. The supervisor switchover is not disruptive to traffic on Cisco Nexus 9500 platform switches. On a switch that has only one supervisor module, you can upgrade the active supervisor, but this will disrupt its operations during the upgrade."

Guidelines and Limitations

When you upgrade or downgrade the EPLDs, observe the following guidelines and limitations:

- You can upgrade each module only when it is online. The EPLD upgrade is only disruptive to the module being upgraded.
- If you interrupt an EPLD upgrade or downgrade, the module must be upgraded again.
- In Cisco MDS 9000 Director Switches, EPLD upgrade or downgrade can only be executed from the active supervisor module. To upgrade the supervisor EPLDs nondisruptively, upgrade the standby supervisor and then switchover. After the new standby supervisor is online its EPLDs can be upgraded.
- In Cisco MDS 9000 Series Fabric Switches, be sure to specify 1 as the module number. The switch must be power cycled for the EPLDs to start running the new code.

Under Installation guidelines. https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/92x/epld-rn/nxos_n9K_epldRN_924.html

NEW QUESTION 310

Refer to the exhibit.

```
switch# show install all impact epld n9000-epld.9.2.1.img
Compatibility check:
Module      Type      Upgradable  Impact      Reason
-----
1           SUP      YES         disruptive  Module Upgradable

Retrieving EPLD versions... Please wait.

Images will be upgraded according to following table:
Module  Type  EPLD          Running-Version  New-Version  Upg-Required
-----
1       SUP  MI FPGA      0x23            0x23        No
1       SUP  IO FPGA      0x06            0x06        No
1       SUP  MI FPGA2     0x23            0x23        No
```

A network engineer plans to upgrade the current software images of a Cisco Nexus switch. What is the impact of starting the EPLD upgrade?

- A. The switch reboots one time for the new EPLD versions to take effect.
- B. The switch reboots multiple times for the new EPLD versions to take effect.
- C. The switch skips the EPLD upgrade for each EPLD device of the switch.
- D. The switch skips the EPLD upgrade for MIFPGA and proceeds with the other EPLD devices.

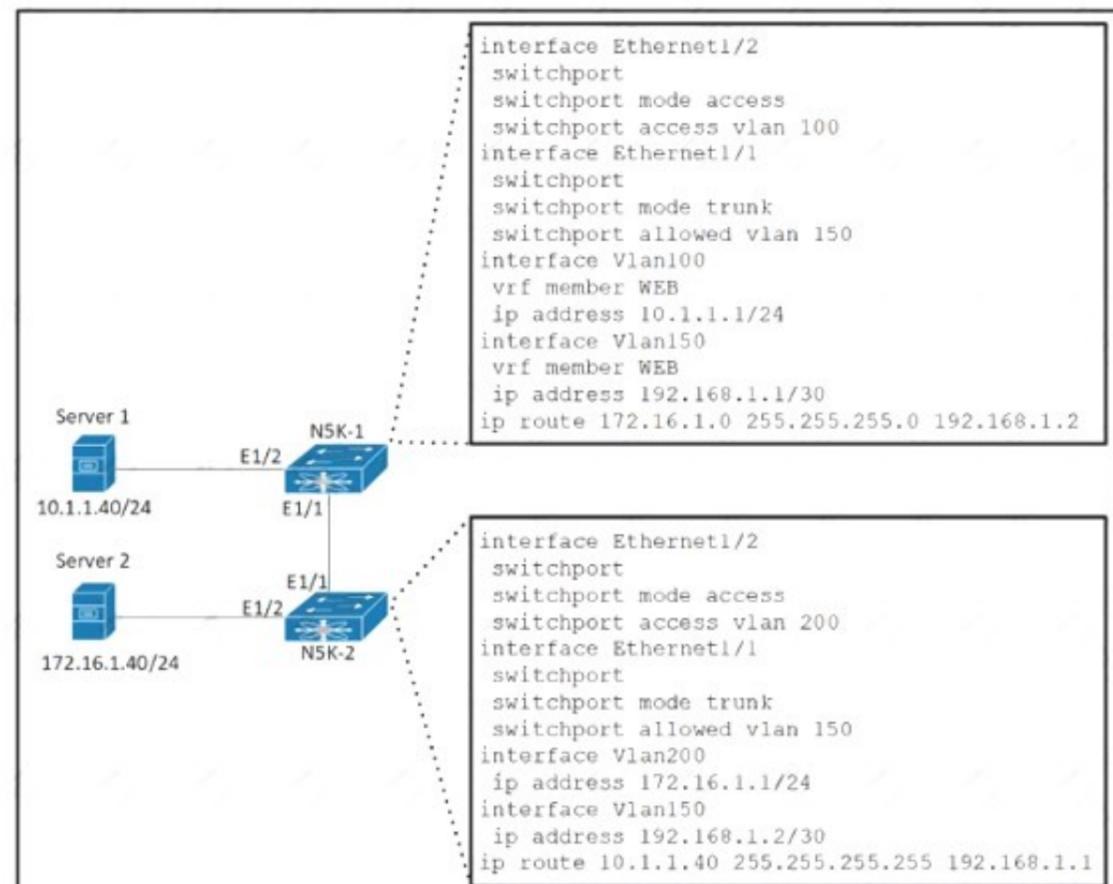
Answer: C

Explanation:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/92x/epld-rn/nxos_n9K_epldRN_924.

NEW QUESTION 314

Refer to the exhibit.



The gateway of Server 1 is in the VLAN 100 SVI on N5K-1 and the gateway of Server 2 is in the VLAN 200 SVI on N5K-2 Server 1 must connect to Server 2 using

unidirectional traffic. Which action accomplishes this requirement?

- A. Add VLAN 100 and 200 to the allowed VLANs list on the Ethernet 1/1 interface on NK5-1.
- B. Assign VRF WEB membership to interfaces VLAN 150 and 200 on N5K-2.
- C. Configure access VLAN 100 on interface Ethernet 1/2 on N5K-2.
- D. Create a static route in VRF WEB for the subnet of Server 2 on N5K-1

Answer: B

NEW QUESTION 315

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:

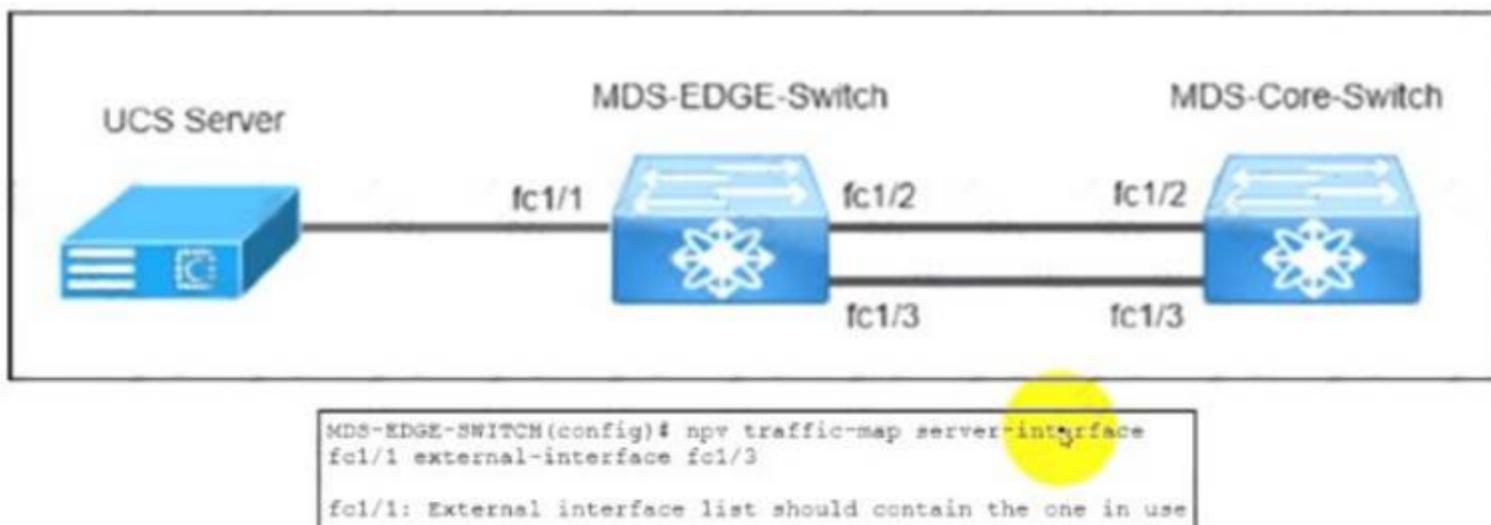
<https://blogs.cisco.com/developer/its-time-to-move-away-from-snmp-and-cli-and-use-model-driven-telemetry>

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 320

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 MDS-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 321

Refer to the exhibit.

```

monitor fabric session mySession
  description "This is my fabric ERSPAN session"
  destination tenant t1 application appl 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 bdl
  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 325

Which server policy is used to install new Cisco IMC software on a server?

- A. host firmware policy
- B. hypervisor firmware policy
- C. BIOS software policy
- D. Cisco IMC software policy

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_01.html#

You can use host firmware packages by defining a host firmware policy as an attribute of a service profile template, which is an updating template. Any change made to the service profile template is automatically made to its instantiated service profiles. Subsequently, the servers associated with the service profiles are also upgraded in parallel with the firmware version.

Graphical user interface, text, application Description automatically generated

The Cisco UCS domains are categorized into domain groups in Cisco UCS Central for management purposes. You can manage firmware for each domain group separately at the domain group level or for all domain groups from the domain group root. Cisco UCS Central provides you the option to manage the following Cisco UCS domain firmware packages:

- **Capability Catalog**— One capability catalog per domain group. All Cisco UCS domains registered to a particular domain group will use the capability catalog defined in the domain group.
- **Infrastructure Firmware**— One infrastructure firmware policy per domain group. All Cisco UCS domains registered to a particular domain group will use the same Infrastructure firmware version defined in the domain group.
- **Host Firmware**— You can have more than one **host firmware policy** for the different host firmware components in a domain group. The Cisco UCS domains registered in the domain group will be able to choose any defined **host firmware policy** in the group. Cisco UCS Central provides you the option to upgrade the host firmware globally to all Cisco UCS domains in a domain group at the same time.



Note

For more information on managing firmware in Cisco UCS Central, see the Firmware Management chapters in the *Cisco UCS Central Administration Guide* and *Cisco UCS Central CLI Reference Manual*.

NEW QUESTION 327

An engineer must configure the remote SSH management connectivity for Cisco Nexus 9000 Series Switches to meet these requirements

- > The connectivity must be permitted from a jump host with an IP address of 10.10.10.10/24
- > All switches must be permitted to connect via SSH to other devices from the subnet of 10.20.20.0/24. Which configuration set accomplishes these requirements?

- ```
line vty
ip access-class acl-1 out
ip access-class acl-2 in

ip access-list acl-1
permit ip 10.10.10.10/32 any
ip access-list acl-2
permit tcp 10.20.20.0/32 any
```
- ```
line vty
ip access-class acl-1 in
ip access-class acl-2 out

ip access-list acl-1
permit tcp 10.10.10.10/32 any eq 22
ip access-list acl-2
permit tcp 10.20.20.0/24 any
```
- ```
line vty
ip access-class acl-1 in
ip access-class acl-2 in

ip access-list acl-1
permit ip 10.10.10.10/32 any
ip access-list acl-2
permit tcp 10.20.20.0/32 any
```
- ```
line vty
ip access-class acl-1 in
ip access-class acl-2 in

ip access-list acl-1
permit tcp 10.10.10.10/32 any eq 22
ip access-list acl-2
permit tcp 10.20.20.0/24 any
```

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

Answer: B

NEW QUESTION 328

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 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 330

An engineer must configure Cisco UCS Manager to accept only HTTPS connections that use TLS 1.2. The cipher security level must be high and the length of the keyring key value must be 2048 bits. Drag and drop the code snippets from the right onto the blanks in the code on the left to accomplish these goals. Not all commands are used.

```

scope security
  create keyring ciscokring
  set modulus 
  commit-buffer 
scope system
  scope services
  enable https
  set https port 8443
  set https  cipher-suite-mode 
  set https ssl-protocol 
```

keyring ciscokring

high-strength

1024 bits

mod2048

tls1-2

secure

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, application Description automatically generated

NEW QUESTION 333

An engineer must ensure fabric redundancy when implementing NPV mode on a Cisco MDS 9000 Series Switch. Which action enables fabric redundancy?

- A. Connect the NPV devices to multiple upstream switches.
- B. Add a port channel to upstream switches.
- C. Configure the NPV devices to use on external FLOGI database.
- D. Use TE ports to connect to upstream switches.

Answer: B

NEW QUESTION 336

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 338

A customer undergoes an IT security review assessment. The auditor must have read-only access to the Cisco Nexus 9000 Series Switch to perform the configuration review. The customer implements this security role for the auditor:

role name audit

rule 1 permit command * rule 2 - Output omitted username auditor password C4SAFF0B96EB0045\$c0 role audit Which configuration snippet must complete the configuration?

- A. deny command write*
- B. permit command enable
- C. permit command show *

D. deny command configure terminal

Answer: D

NEW QUESTION 343

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 345

An engineer must use the Embedded Event Manager to monitor events that occur on a Cisco Nexus 9000 series switch. An environment variable needs to be created so that several policies use the monitored events in their actions. The external email server is represented by IP address 10.10.10.10. Which command sets the environment variable?

- A. N9k2(config)# event manager policy environment mailserver "10.10.10.10"
- B. N9k2# event manager environment mailserver "10.10.10.10"
- C. N9k2 (config-apple1)# environment mailserver "10.10.10.10"
- D. N9k2 (config)# event manager environment mailserver "10.10.10.10"

Answer: D

Explanation:

To set an Embedded Event Manager (EEM) environment variable, use the event manager environment command in global configuration mode. To disable an EEM environment variable, use the no form of this command. <https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/eem/command/eem-cr-book/eem-cr-e1.html>

NEW QUESTION 350

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 354

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 359

Refer to the exhibit.

```

Start time: Mon Apr 15 09:23:01 2019
Last election time: Mon Apr 15 09:24:24 2019
A: UP, PRIMARY
B: UP, SUBORDINATE
A: memb state UP, lead state PRIMARY, mgmt services state: UP
B: memb state UP, lead state SUBORDINATE, mgmt services state: UP
heartbeat state PRIMARY_OK
INTERNAL NETWORK INTERFACES:
eth1, UP
eth2, UP
HA NOT READY
No device connected to this Fabric Interconnect
    
```

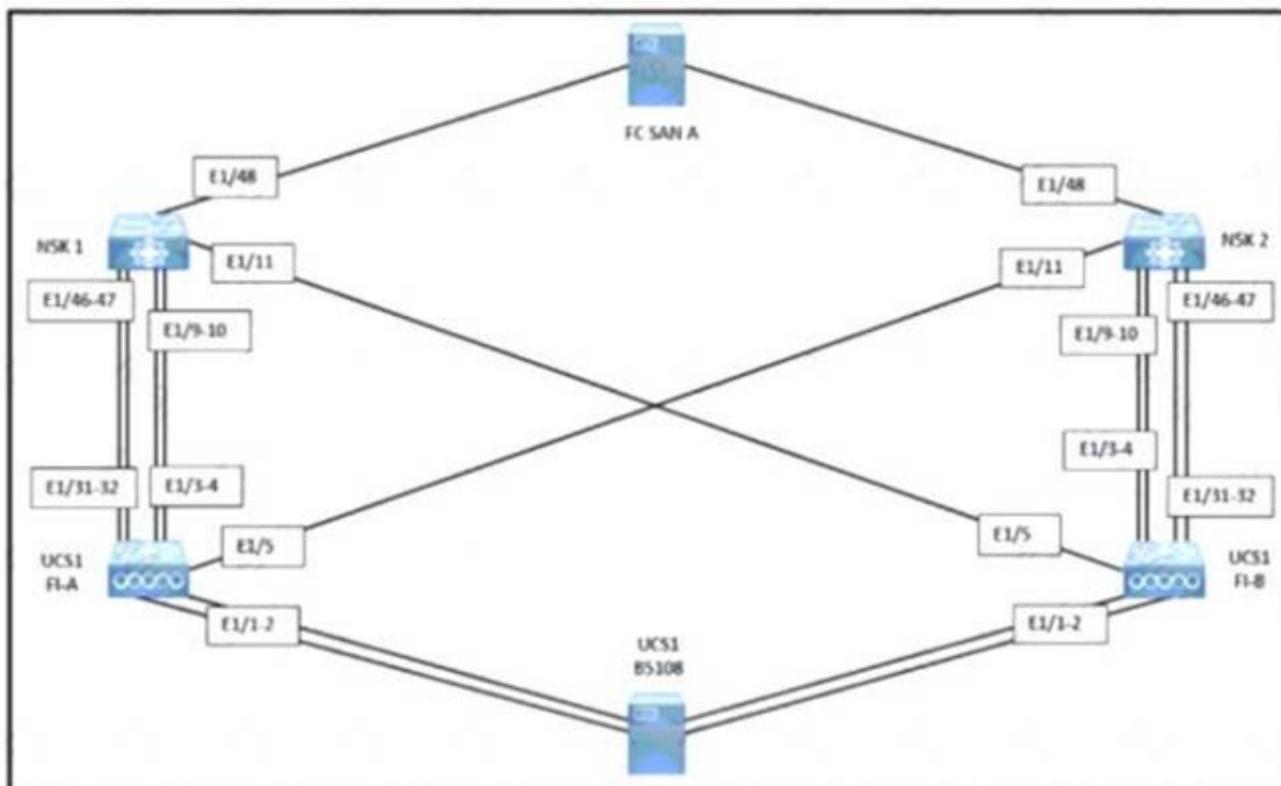
What be connected to clear the HA NOT READY status?

- A. server chassis
- B. network uplinks
- C. management ports
- D. Layer 1-Layer 2 ports

Answer: A

NEW QUESTION 362

Refer to the exhibit.



A network engineer must configure port E1/31- 32 to forward only storage server traffic of VLAN 200 on Cisco fabric interconnects A and B. Port E1/31- 32 is not reserved for any other traffic. Which port type must be configured to accomplish this goal?

- A. unified uplink
- B. uplink
- C. FCoE uplink
- D. FCoE storage

Answer: C

NEW QUESTION 366

An engineer is asked to use SaaS to manage Cisco computing. Which two items are needed to accomplish the task? (Choose two.)

- A. UCS Manager
- B. Node name/Serial Number
- C. Device/Claim ID
- D. UCS Central
- E. Intersight

Answer: AE

Explanation:

<https://www.cisco.com/c/en/us/products/collateral/cloud-systems-management/intersight/intersight-ds.html>

NEW QUESTION 368

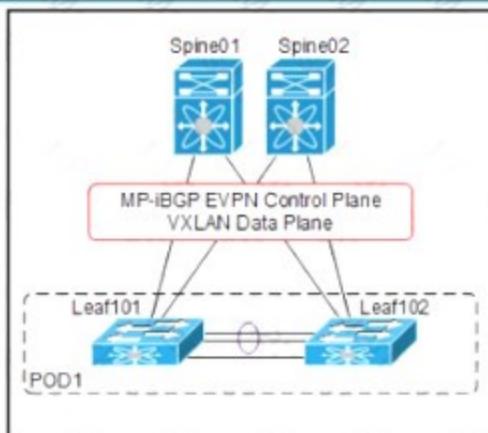
An engineer is configuring a vHBA template in Cisco UCS Manager. The engineer needs to specify the logical addresses used by the vHBA and the path through which the SAU Traffic flows. Which two resources must be specified in the vHBA template? (Choose two)

- A. WWIN
- B. VLAN ID
- C. Fabric ID
- D. MAC addresses
- E. WVPN Pool

Answer: AE

NEW QUESTION 373

Refer to the exhibit.



```

SPINE-01#show run pim
ip pim rp-address 10.255.0.100 group-list 225.0.0.0/8
ip pim bsr rp-candidate loopback1 group-list 225.0.0.0/8
ip pim ssm range 232.0.0.0/8
ip pim anycast-rp 10.255.0.100 10.10.0.1
ip pim anycast-rp 10.255.0.100 10.10.0.2
!
!
SPINE-01#show run interface loopback1
interface loopback1
 ip router ospf 1 area 0.0.0.0
 ip pim sparse-mode
    
```

An engineer must implement VXLAN with anycast gateway. To accomplish this, an engineer must set up PIM Source-Specific Multicast for host reachability. Which IP address must be applied to interface loopback1 to accomplish this goal?

- A. 255.0.0.1/8
- B. 255.0.100
- C. 10.10.0.1/32
- D. 10.10.0.2/32

Answer: B

NEW QUESTION 377

Refer to the exhibit.

```

1.130599 192.168.254.1 -> 192.168.254.13 TCP 60 29652 > ssh [ACK] Seq=1 Ack=53
Win=32449 Len=0
1.136261 00:8e:73:a2:41:0e -> Spanning-tree-(for-bridges)_00 STP 60 Conf. Root =
8192/10/ec:e1:a9:df:6c:80 Cost = 22 Port = 0x800e
1.373417 192.168.254.13 -> 192.168.254.1 SSH 106 Encrypted response packet len=52
1.570377 192.168.254.1 -> 192.168.254.13 TCP 60 29652 > ssh [ACK] Seq=1 Ack=105
Win=32786 Len=0
1.815558 192.168.254.13 -> 192.168.254.1 SSH 106 Encrypted response packet len=52
2.021840 192.168.254.1 -> 192.168.254.13 TCP 60 29652 > ssh [ACK] Seq=1 Ack=157
Win=32773 Len=0
2.525173 192.168.254.13 -> 192.168.254.1 SSH 106 Encrypted response packet len=52
2.731382 192.168.254.1 -> 192.168.254.13 TCP 60 29652 > ssh [ACK] Seq=1 Ack=209
Win=32760 Len=0
2.947365 192.168.254.13 -> 192.168.254.1 NTP 90 NTP Version 2, client
2.947623 192.168.254.1 -> 192.168.254.13 NTP 90 NTP Version 2, server
3.138157 00:8e:73:a2:41:0e -> Spanning-tree-(for-bridges)_00 STP 60 Conf. Root =
8192/10/ec:e1:a9:df:6c:80 Cost = 22 Port = 0x800e
3.139400 192.168.254.13 -> 192.168.254.1 SSH 106 Encrypted response packet len=52
3.270728 192.168.254.4 -> 239.255.70.83 UDP 166 Source port: cfs Destination port:
cfs
3.341123 192.168.254.1 -> 192.168.254.13 TCP 60 29652 > ssh [ACK] Seq=1 Ack=261
Win=32747 Len=0
3.835409 192.168.254.13 -> 192.168.254.1 SSH 106 Encrypted response packet len=52
4.041411 192.168.254.1 -> 192.168.254.13 TCP 60 29652 > ssh [ACK] Seq=1 Ack=313
Win=32734 Len=0
4.535284 192.168.254.13 -> 192.168.254.1 SSH 106 Encrypted response packet len=52
4.741072 192.168.254.1 -> 192.168.254.13 TCP 60 29652 > ssh [ACK] Seq=1 Ack=365
Win=32721 Len=0
4.947308 192.168.254.13 -> 192.168.254.1 NTP 90 NTP Version 2, client
4.947519 192.168.254.1 -> 192.168.254.13 NTP 90 NTP Version 2, server
5.139627 00:8e:73:a2:41:0e -> Spanning-tree-(for-bridges)_00 STP 60 Conf. Root =
8192/10/ec:e1:a9:df:6c:80 Cost = 22 Port = 0x800e
5.140867 192.168.254.13 -> 192.168.254.1 SSH 106 Encrypted response packet len=52
    
```

Cisco Fabric Services is enabled in the network. Which type of IP address is used by the Cisco Fabric Services protocol?

- A. IPv4 unicast address
- B. IPv4 multicast address

- C. IPv4 gateway address
- D. IPv4 anycast address

Answer: B

NEW QUESTION 380

What is the benefit of adding Cisco HyperFlex Hardware Acceleration Cards to a HyperFlex deployment?

- A. offline encryption acceleration
- B. increased network throughput
- C. GPU acceleration
- D. Increased compression efficiency

Answer: D

Explanation:

- [Additional Information on HyperFlex Hardware Acceleration Cards](#)

Overview of HyperFlex Hardware Acceleration Cards

This chapter provides details for installation, post-installation, and troubleshooting of HyperFlex Hardware Acceleration Cards (PID: HX-PCIE-OFFLOAD-1) on HyperFlex nodes and for configuring your initial cluster. **These cards provide improved performance and compression efficiency for most storage workloads.**



Note An HXDP-P Enterprise license is required for installing and configuring HyperFlex Hardware Acceleration Cards.

https://www.cisco.com/c/en/us/td/docs/hyperconverged_systems/HyperFlex_HX_DataPlatformSoftware/Installation_VMWare_ESXi/3_5/b_HyperFlexSystems_Installation_Guide_for_VMware_ESXi_3_5/b_HyperFlexSystems_Installation_Guide_for_VMware_ESXi_3_5_chapter_01100.html#:~:text=Overview%20of%20HyperFlex%20Hardware%20Acceleration%20Cards,-This%20chapter%20provides&text=These%20cards%20provide%20improved%20performance%20and%20compression%20efficiency%20for%20most%20storage%20workloads.

NEW QUESTION 383

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?

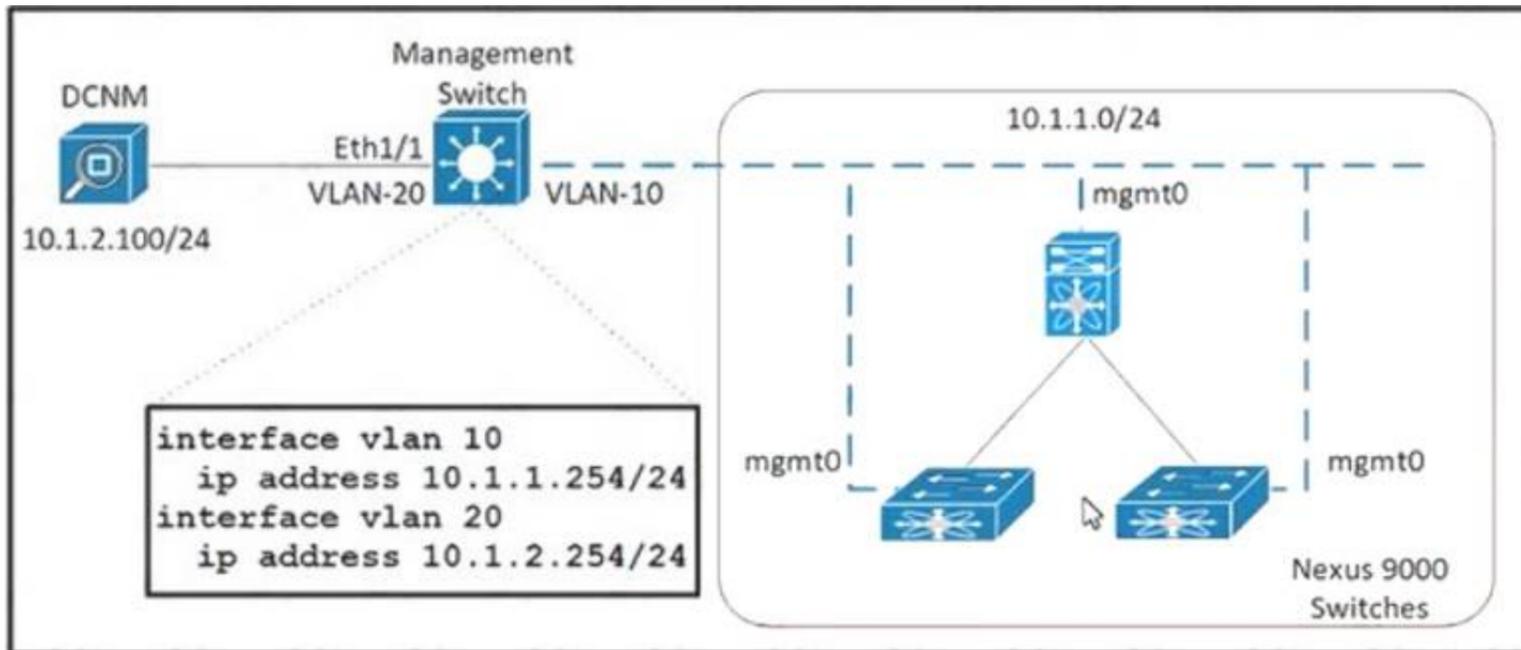
- Set the telemetry feature on the Nexus switch.
Specify a certificate for telemetry transport.
Configure a sensor group and destination.
- Enable GRPC on the Nexus switch.
Generate a certificate.
Configure gNMI inputs in Telegraf and output to InfluxDB.
- Configure Grafana on the Nexus switch.
Specify the logging certificate.
Enable syslog level 7 export to Grafana.
- Activate SNMPv3 on the Nexus switch.
Set the globalEnforcePriv parameter.
Configure an SNMP agent to poll information.

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

Answer: A

NEW QUESTION 386

Refer to the exhibit.



An engineer must deploy 70 Cisco Nexus 9000 Series Switches in a new environment. The requirement is to use Cisco DCNM as a management tool to deploy, manage and monitor the new switches. In addition, DCNM is configured with a zero-touch POAP feature to facilitate fabric creation. Which action meets these requirements?

- A. Configure SNMP on the new Nexus switches to send SNMP messages to the DCNM server
- B. Create a SPAN session on the management switch to send the traffic from VLAN 10 to Ethernet 1/1.
- C. Configure an IP helper address on interface VLAN 10 of the management switch
- D. Create common credentials on all of the new Nexus switches

Answer: C

NEW QUESTION 391

An engineer needs a utility to translate traditional Nexus CLI inputs and generate Python code using XML and JSON message formats. The solution needs to be available on a Nexus 7700 series switch. Which utility should be used?

- A. NX-OS JSON-RPC
- B. NX-API Sandbox
- C. Guest Shell for NX-OS
- D. Open NX-OS

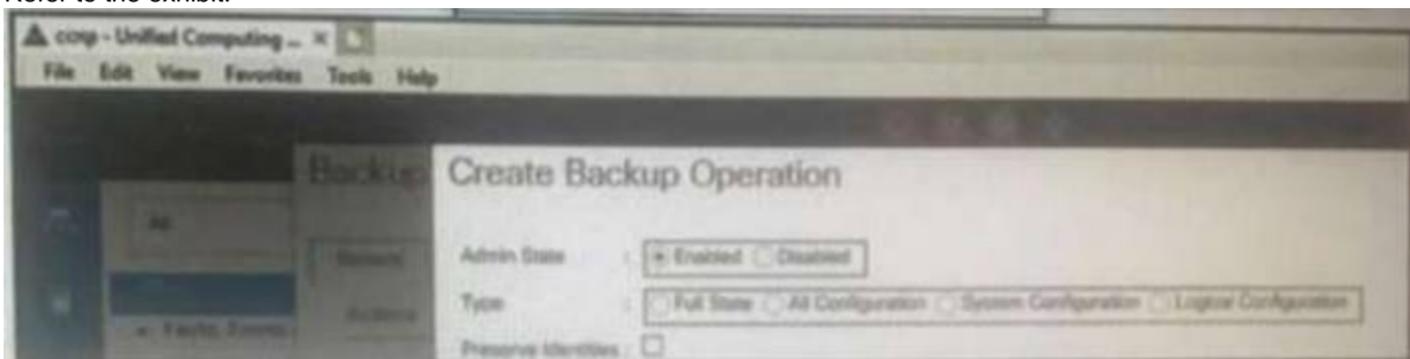
Answer: B

Explanation:

<https://developer.cisco.com/docs/nx-os/#!nx-api-cli-developer-sandbox>

NEW QUESTION 393

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 395

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 399

Refer to the exhibit.

```
int fcl/1-2
switchmode rate dedicated
channel-group 100 force
no shut

int san-port-channel 100
switchport trunk allowed vsan 1
switchport trunk allowed vsan add 100
```

An engineer is connecting a Cisco MDS 9700 Series Multilayer Director to a downstream Cisco Nexus 5672UP switch. Which command set must be used to complete the configuration?

A)

```
int san-port-channel 100
switchport mode te
switchport trunk mode off
channel mode on
```

B)

```
int san-port-channel 100
switchport mode te
switchport trunk mode auto
channel mode on
```

C)

```
int san-port-channel 100
switchport mode e
switchport trunk mode on
channel mode active
```

D)

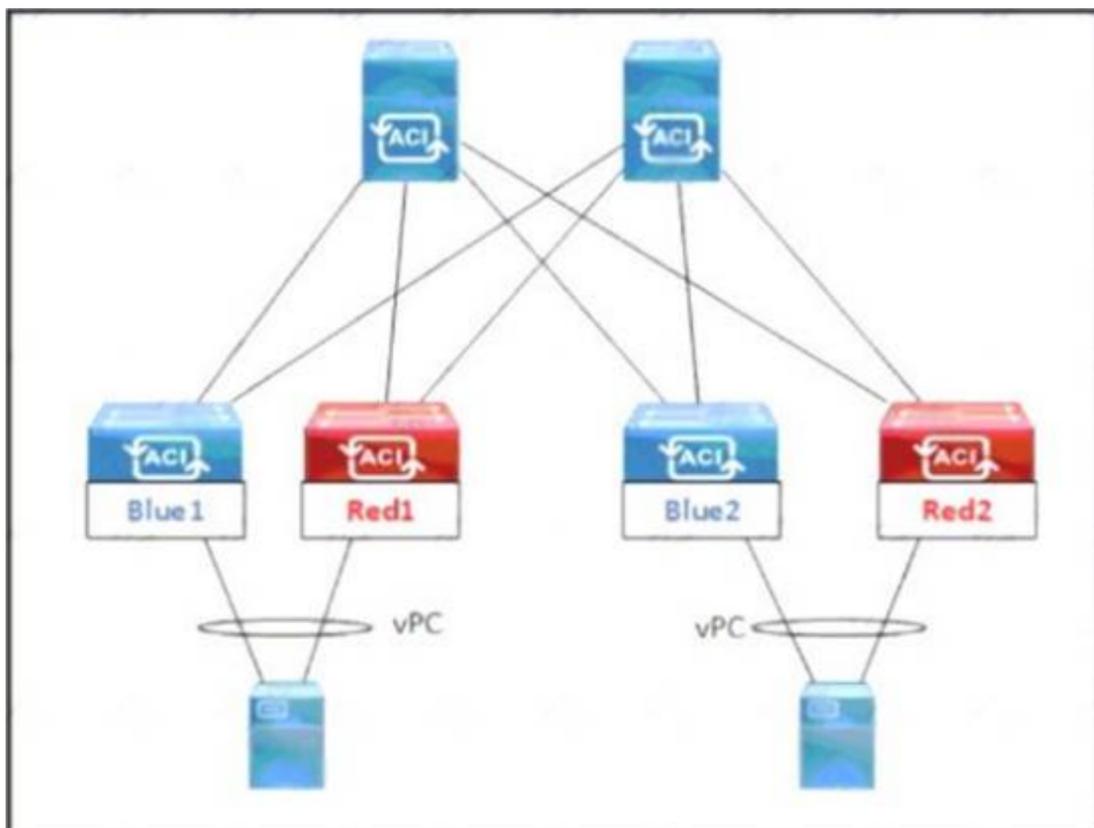
```
int port-channel 100
switchport mode e
switchport trunk mode on
channel mode active
```

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

Answer: A

NEW QUESTION 400

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 404

An engineer performs a Cisco UCS C480 ML M5 installation from a Cisco UCS Manager As a part of the design the server must perform an iSCSI boot from the storage array Which configuration must be performed in the SAN settings in the root organization to satisfy that condition?

- A. Implement a WWPN pool
- B. Create a virtual iSCSI vNIC
- C. Enable a host SAN pool
- D. Create an IQN suffix pool

Answer: D

NEW QUESTION 406

An engineer is asked to manage a large-scale data center and collect information from multiple Cisco NX-OS devices using Cisco NX-OS Data Management Engine model. Which technology should be used to accomplish this goal?

- A. NX-API REST
- B. NETCONF
- C. JSON-RPC
- D. NX Yang

Answer: A

Explanation:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/7-x/programmability/guide/b_Cisco_Nexus_9000_Series_NX-OS_Programmability_Guide_7x/b_Cisco_Nexus_9000_Series_NXOS_Programmability_Guide_7x_chapter_010001.pdf

NEW QUESTION 410

A network engineer must determine the cooling requirements for a Cisco UCS C-Series Rack Server. The server with PCIe cards is configured with a fan configuration policy. Which configuration should be used for the fan policy of the server?

- server # scope chassis
server /chassis # scope fan-policy
server /chassis/fan-policy # set fan-policy high-power
server /chassis/fan-policy^ # commit
- server # scope chassis
server /chassis # scope fan-policy
server /chassis/fan-policy # set fan-policy balanced
server /chassis/fan-policy^ # commit
- server # scope server
server /server # scope fan-policy
server /server /fan-policy # set fan-policy acoustic
server /server /fan-policy^ # commit
- server # scope server
server /server # scope fan-policy
server /server /fan-policy # set fan-policy low-power
server /server /fan-policy^ # commit

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

Answer: A

NEW QUESTION 412

An engineer is configuring HTTPS access to Cisco UCS Manager. The engineer created a keyring and created the certificate request for the keyring. Cisco UCS Manager continues to receive untrusted messages from a Firefox browser and a Chrome browser. Which action must be taken as the next step in the HTTPS access configuration?

- A. Create a trusted point
- B. Sign the certificate using the Cisco UCS Manager.
- C. Obtain a validated certificate from Cisco
- D. Install a trusted certificate in the browser store

Answer: A

NEW QUESTION 414

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 419

An administrator is implementing DCNM so that events are triggered when monitored traffic exceeds the configured present utilization threshold. The requirement is to configure a maximum limit of 39860437 bytes that applies directly to the statistics collected as a ratio of the total link capacity. Which DCNM performance monitoring configuration parameter must be implemented to achieve this result?

- A. Absolution Values
- B. Baseline
- C. Util%
- D. Per port Monitoring

Answer: A

NEW QUESTION 424

Refer to the exhibit.

```
import time
import cli

date= time.strftime('%Y%m%d')
file= ('fusion-config_' + date
cli.execute ('copy running-config ftp://10.183.249.182/FusionSW/' + file)
exit()
```

What is the result of executing this python code?

- A. It backs up Cisco switches to Cisco Prime infrastructure.
- B. It sends the switch configuration to Cisco TAC.
- C. It sends a Cisco device backup to a remote destination.
- D. It schedules a backup on a Cisco switch using EEM.

Answer: C

NEW QUESTION 427

A customer asks an engineer to develop an orchestration solution to automate repetitive tasks. The customer operations team must integrate the tool with its existing automation framework. The customer asks for the tool to support these requirements:

- The customer's security requirements mandate the use of SSH transport.
- No extra software must be installed on the managed systems.
- The support staff has limited knowledge of scripting languages, so the solution must be easy to read and use declarative language.

Which solution meets these requirements?

- A. PowerShell
- B. Ansible
- C. Chef
- D. Puppet

Answer: B

NEW QUESTION 428

An engineer must generate a Cisco UCS Manager backup. The backup should include all logical configuration and contain all system and logical configuration settings. Which backup type should be selected to meet these requirements?

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

Answer: C

NEW QUESTION 433

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 436

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 440

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 444

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 hostsmap
  match [ ]

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

host 192.168.20.1 eq 443	class hostsmap
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 447

A UCS B- Series server located in B5108 chassis 1 slot 1 is currently unavailable. The server needs to be associated with a specific service profile when it becomes available. Which associate service profile option should be selected to accomplish this goal?

- A. server pool
- B. server
- C. custom server
- D. restrict migration

Answer: C

Explanation:

https://www.cisco.com/en/US/docs/unified_computing/ucs/sw/gui/config/guide/141/UCSM_GUI_Configuration_Guide_141_chapter28.html
 Text, application Description automatically generated with medium confidence

Associating a Service Profile with a Server or Server Pool

Follow this procedure if you did not associate the service profile with a blade server or server pool when you created it, or to change the blade server or server pool with which a service profile is associated.

Procedure

- Step 1** In the Navigation pane, click the Servers tab.
Step 2 On the Servers tab, expand Servers > Service Profiles.
Step 3 Expand the node for the organization that contains the service profile that you want to associate with a new server or server pool.

If the system does not include multi-tenancy, expand the root node.

Step 4 Right-click the service profile you want to associate with a server and select Change Service Profile Association.

Step 5 In the Associate Service Profile dialog box, select one of the following options:

Option	Description
Server Pool	Select a server pool from the drop-down list. Cisco UCS Manager assigns a server from this pool to the service profile. Continue with Step 7.
Server	Navigate to the desired available server in the navigation tree and select the server which will be assigned to the service profile. Continue with Step 7.
Custom Server	Specifies the chassis and slot that contains the server that will be assigned to the service profile. If the server is not in the slot or is otherwise unavailable, the service profile will be associated with the server when it becomes available. Continue with Step 6.

Step 6 If you chose Custom Server, do the following:

- In the Chassis Id field, enter the number of the chassis where the selected server is located.
- In the Server Id field, enter the number of the slot where the selected server is located.

NEW QUESTION 452

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:e8:00:05:30:00:16: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 456

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

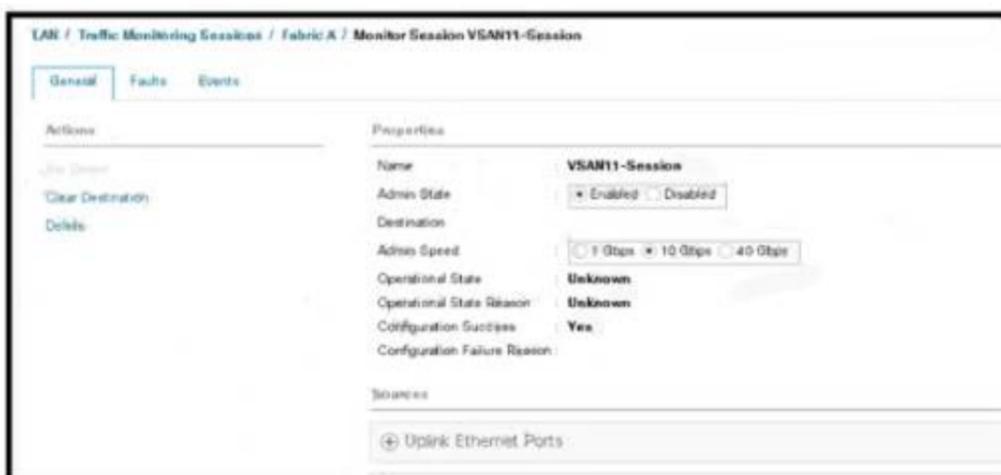
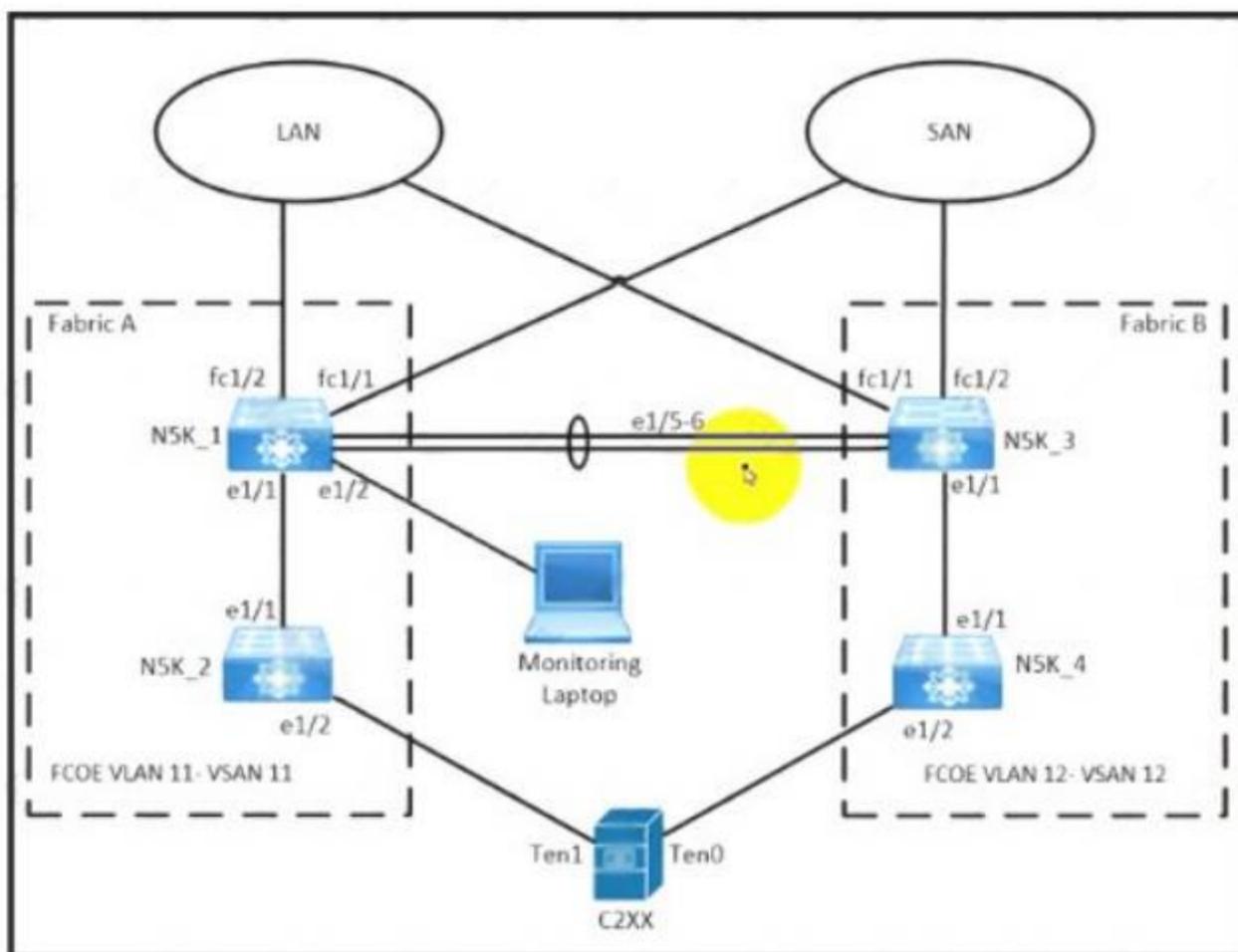
User Locales

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 460

Refer to the exhibit.



An engineer is creating a SPAN session to send a copy of all the Fabric-A VSAN 11 traffic on NSK_1 to the monitoring laptop. The configurator that is presented has already been applied to Cisco UCS Manager. Which action completes the configuration?

- A. Activate a NetFlow monitoring session
- B. Create a SAN traffic monitoring session
- C. Set VLAN 11 as the traffic destination
- D. Select VSAN 11 as the source of traffic.

Answer: C

NEW QUESTION 462

Which action must be performed before renumbering a Cisco UCS chassis?

- A. Move the chassis to new ports on fabric interconnect.
- B. Re-acknowledge the chassis.
- C. Decommission the chassis.

D. Run the shut and no shut command on the connected ports.

Answer: C

NEW QUESTION 464

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 467

Which NFS version uses the TCP protocol and needs only one IP port to run the service?

- A. NFSv1
- B. NFSv2
- C. NFSv3
- D. NFSv4

Answer: D

NEW QUESTION 469

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 473

An engineer must suggest a deployment model for a newly developed application. The engineer has a small starting budget and lacks technical knowledge and infrastructure to implement storage, operating system, and database services to support the application deployment. The engineer also needs usage data related to the service and the ability to elastically scale the deployment as customer demands grow. Which two models must be used to meet the requirements? (Choose two.)

- A. private cloud
- B. platform as a service
- C. software as a service
- D. infrastructure as a service
- E. public cloud

Answer: DE

NEW QUESTION 475

An engineer must generate a checkpoint of the running configuration on a Cisco Nexus Switch. The checkpoint file name must be called "before_maintenance" and should be used for recovering the switch to its pre- maintenance state. The rollback of the checkpoint to running configuration should only occur if no errors occur. Which two configuration commands must be used to meet these requirements? (Choose two.)

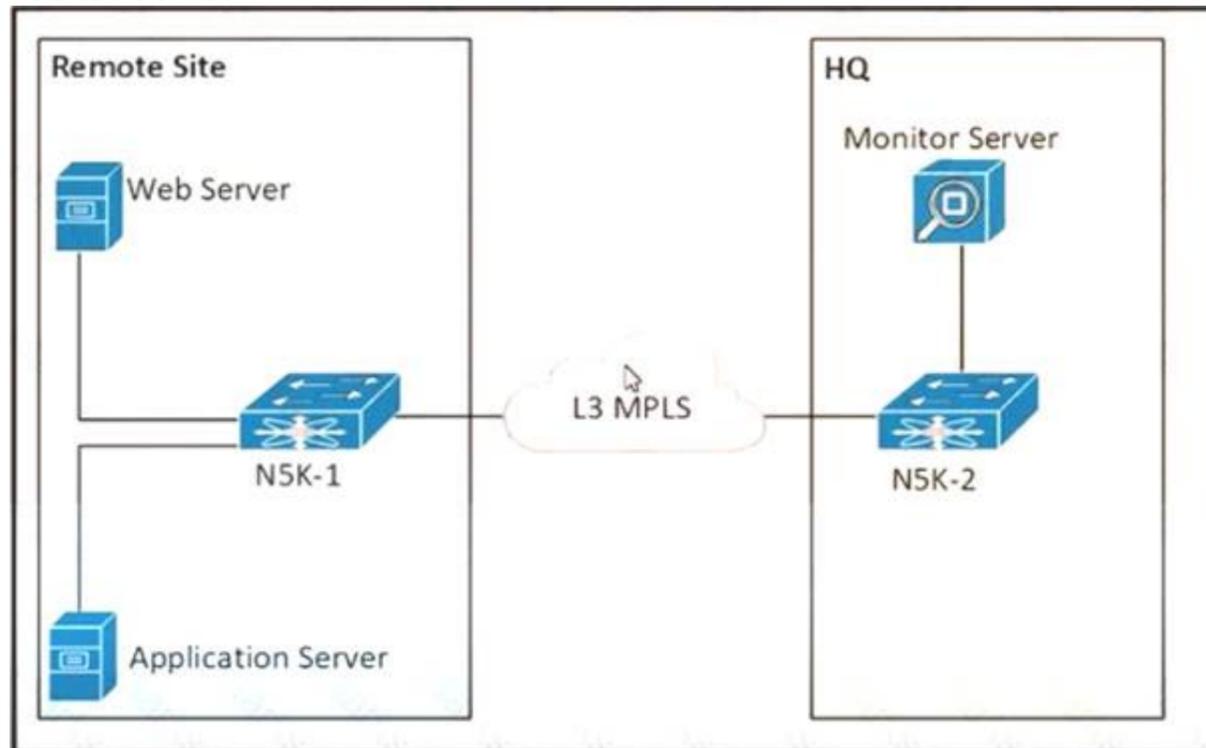
- A. rollback checkpoint rfile before_maintenance stop-at-first-failure
- B. rollback running-config checkpoint before.maintenance

- C. checkpoint file before_maintenance
- D. checkpoint before.maintenance
- E. rollback running-config file before_maintenance atomic

Answer: CE

NEW QUESTION 476

Refer to the exhibit



The communication between the web server and the application server experiences poor performance. The network engineer must collect the traffic between the two servers, including the payload for more investigation. The collected data must be sent from the remote site to the headquarters. Which action accomplishes this goal?

- A. Configure an ERSPAN session between N5K-1 and N5K-2.
- B. Configure a SPAN session between N5K-1 and N5K-2.
- C. Configure SNMP on N5K-1 to send the data to the monitor server.
- D. Configure NetFlow on N5K-1 to send the data to the monitor server.

Answer: A

NEW QUESTION 478

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 be automatically shared with other MDS switches in the environment.

The RADIUS server is already defined. Which command set completes the configuration?

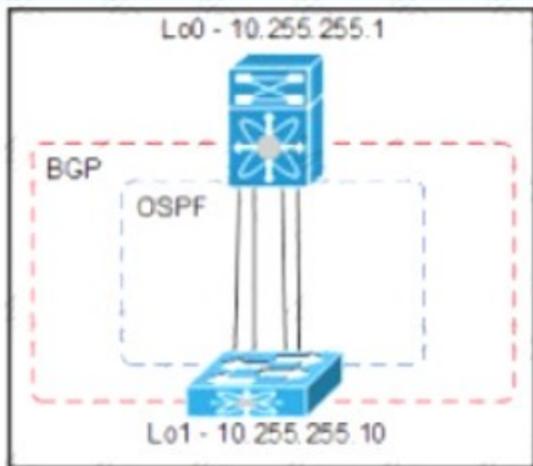
- aaa authentication login pap enable
 distribute radius
 radius-server host 10.8.8.0 auth-port 1821
- aaa authentication login mschapv2 enable
 radius propagate
 radius authentication port 1821
- aaa authentication login chap enable
 radius distribute
 radius commit
- aaa authentication login mschap 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 481

Refer to the exhibit



An engineer must provision a VXLAN deployment. The OSPF has already been configured as the underlay protocol. All BGP configurations will be performed using the template method. The deployment must meet these requirements:

- > The local update source for leaf switches must be loopback 1
- > The router ID must be the local loopback IP address
- > The external BGP connections must use a template name

Drag and drop the configuration snippets from the bottom to complete the configuration.

```

router bgp 65000
  router-id 
  template peer SPINE
  bfd
  remote-as 
  update-source loopback1
  timers 3 9
  address-family  
    send-community extended
  neighbor 
     peer SPINE
    
```

10.255.255.1

inherit

65000

10.255.255.10

12vpn

evpn

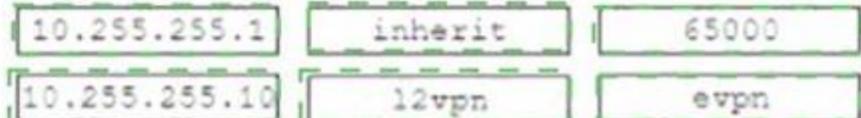
- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```

router bgp 65000
  router-id 10.255.255.10
  template peer SPINE
  bfd
  remote-as 65000
  update-source loopback1
  timers 3 9
  address-family 12vpn evpn
    send-community extended
  neighbor 10.255.255.1
    inherit peer SPINE
  
```



NEW QUESTION 485

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 489

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 491

Which mroute state is created when Bidirectional PIM is deployed at a site?

- A. MVPN Type-6
- B. *,G
- C. MVPN Type-7
- D. S,G

Answer: B

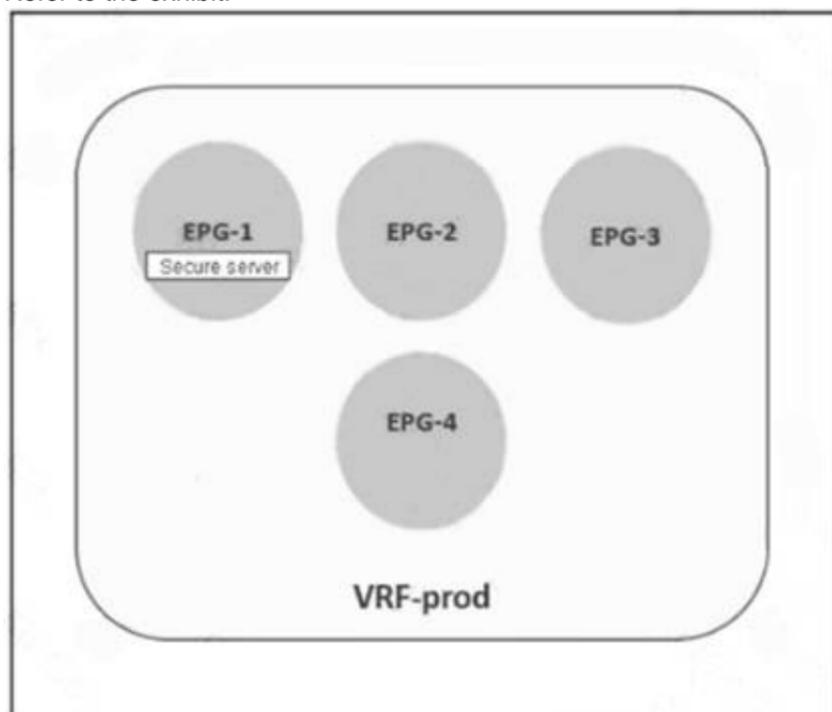
Explanation:

Bidirectional PIM has been invented for networks where we have many sources and receivers talking to each other. PIM Sparse mode RP builds 2 entries *, G and S, G but when we use PIM bidirectional mode, the RP will never build a S,G entry and, it only allow the *,G entry.

https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/ipmulti_pim/configuration/xr-16-5/imc-pim-xr-16-5-book/im and <https://networklessons.com/multicast/multicast-bidirectional-pim>

NEW QUESTION 494

Refer to the exhibit.



A secure server that provides services to EPG-2 must be placed in EPG-1. The remaining EPGs—EPG-2, EPG-3, and EPG-4—must communicate without any contracts. Which set of actions accomplishes this goal?

- Exclude EPG-2, EPG-3, and EPG-4 from the preferred group. Configure a contract between EPG-2 and EPG-3.
- Include EPG-2, EPG-3, and EPG-4 in the preferred group. Configure a contract between EPG-1 and EPG-2.
- Include EPG-1 and EPG-2 in the preferred group. Configure a contract between EPG-2 and EPG-3.
- Exclude EPG-2, EPG-3, and EPG-4 from the preferred group. Configure a contract between EPG-1 and EPG-3.

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

Answer: B

NEW QUESTION 496

Refer to the exhibit.

```
N9K-1# show running-config interface Ethernet1/1
switchport access vlan 10
spanning-tree port type edge
switchport port-security aging time 33
switchport port-security maximum 3
switchport port-security mac-address sticky
switchport port-security

N9K-1# show mac address-table interface ethernet 1/1
Legend:
* - primary entry, G - Gateway MAC, (R) - Routed MAC, O - Overlay MAC
age - seconds since last seen,+ - primary entry using vPC Peer-Link,
(T) - True, (F) - False, C - ControlPlane MAC, ~ - vsan
VLAN    MAC Address    Type    age    Secure NTFY Ports
-----+-----+-----+-----+-----+-----+-----
* 10    0050.7966.6801  secure  -      T      F      Eth1/1
* 10    0050.7966.6802  secure  -      T      F      Eth1/1
* 10    0050.7966.6803  secure  -      T      F      Eth1/1
```

An engineer configures port security on a Cisco Nexus 9000 Series Switch. The requirement is to prevent any newly learned MAC addresses from forwarding traffic on the interface. Also, the already learned MAC addresses must not be affected by the changes. Which configuration meets these requirements?

- A. switchport port-security violation shutdown
- B. switchport port-security violation isolate
- C. switchport port-security violation protect
- D. switchport port-security violation restrict

Answer: C

NEW QUESTION 498

A network engineer must implement a telemetry solution to collect real-time structured data in a large-scale network. Drag and drop the actions from the left into the order on the right to implement the solution. Not all actions are used.

Configure the flow monitor and flow record.	step 1
Set the format and destination to which the data is sent.	step 2
Configure the data to be collected as part of the sensor group.	step 3
Set the subscription between the sensor group and the destination.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

- * 1. set the format and destination to which the data is sent.
- * 2. configure the data to be collected as part of the sensor group.
- * 3. set the subscription between the sensor-group and the destination.

NEW QUESTION 503

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_9000_Series_NX-OS_Fundamentals_Configuration_Guide_7x_chapter_01100.html

NEW QUESTION 508

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 512

A small remote office is set to connect to the regional hub site via NSSA ASBR. Which type of LSA is sent to the remote office OSPF area?

- A. type 7 LSA
- B. type 3 LSA
- C. type 1 LSA
- D. type 5 LSA

Answer: A

NEW QUESTION 515

An engineer must configure OSPFv2 connectivity between a pair of Cisco Nexus switches. The connection between the switches must meet these requirements:

- > Use unicast for updates.
- > Use decentralized communication of updates.
- > Full adjacency between switches.

Which configuration is needed to meet these requirements?

- A. interface with a type of p2p network
- B. stub area between the neighbors
- C. filter list between the neighbors
- D. virtual link between the neighbors

Answer: A

NEW QUESTION 520

A DevOps engineer must implement a bash script to query a REST API and return the available methods. Which code snippet completes the script?

```
curl -i -X --missing code-- http://api.cisco.com:8080/api -u admin:xT41M5P3X425VOE71NB5D
```

- A. DELETE
- B. TRACE
- C. POST
- D. OPTIONS

Answer: C

NEW QUESTION 525

An engineer must configure the order in which the server attempts to boot from available boot device types using Cisco Integrated Management Controller (Cisco IMC). The engineer must change the boot order configuration during the setup and apply the new requirements multiple times. The requirement is to change the Cisco IMC actual boot order so it is different from the configured boot order. Which setting accomplishes this goal?

- A. Enable the system to boot with the configured boot order.
- B. Set the boot configuration directly through BIOS.
- C. Configure the legacy and precision boot order to be mutually exclusive.
- D. Apply UEFI Secure Boot for a nonsupported operating system.

Answer: A

Explanation:

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 527

An engineer is deploying a VXLAN EVPN environment for a customer. The customers environment suffers from a large amount of flooding related to hosts attempting to resolve the MAC to IP mapping on the network segment. Which feature prevents this issue from happening in the future?

- A. anycast rendezvous point
- B. anycast gateway
- C. IP ARP SYNC
- D. IP ARP suppression

Answer: D

NEW QUESTION 531

An engineer is configuring VNTag between a virtualized server and a Cisco Nexus 5500 Series switch. Drag and drop the configuration steps from the into the correct order on the right.

Configure support for VNTag mode on the interface that connects to the server.	Step 1
Configure the vNICs of the server.	Step 2
Configure the server to support NIV mode.	Step 3
Enable the virtualization feature set.	Step 4
Configure the port profile.	Step 5
Install the virtualization feature set.	Step 6

- A. Mastered
- B. Not Mastered

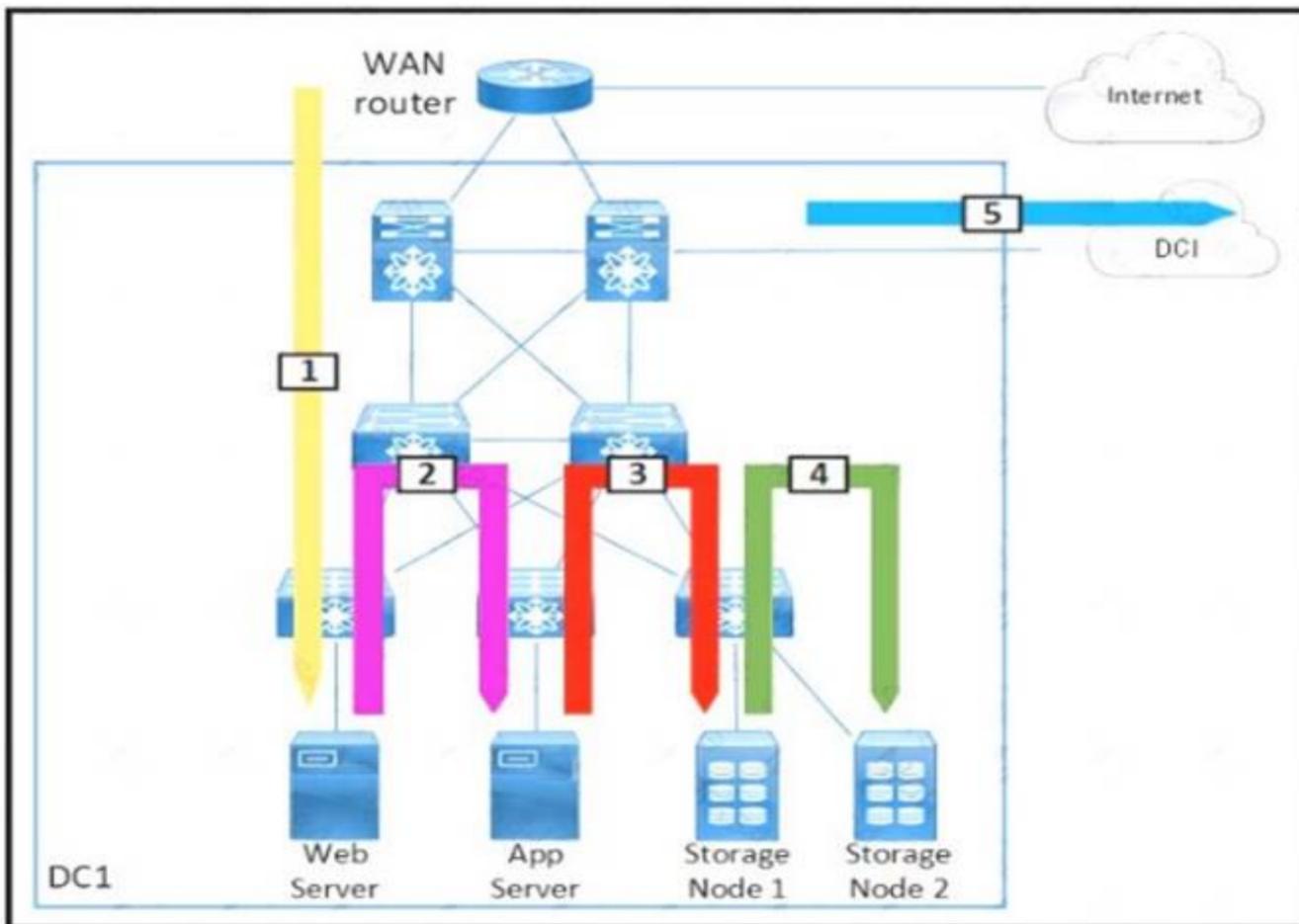
Answer: A

Explanation:

install the virtualization feature set
 Enable the virtualization feature set
 Configure the port profile
 Configure support for VNTag mode on the interface that connects to the server.
 Configure the server to support NIV mode
 Configure the vNICs of the server
<https://www.cisco.com/c/en/us/support/docs/switches/nexus-5000-series-switches/117691-config-5500switch-00.html>
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5500/sw/adapter-fex/6x/b_5500_Adapter_FEX_Config_6x/b_5500_Adapter_FEX_Config_602N11_chapter_010.html

NEW QUESTION 533

Refer to the exhibit.



Drag and drop each traffic flow type from the left onto the corresponding number on the right. Not all traffic flow types are used.

Inter-Data Center	1
East-West	2
North-West	3
North-South	4
South-West	5
Storage Traffic	
Storage Replication	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Table Description automatically generated

NEW QUESTION 537

An engineer wants to create a backup of Cisco UCS Manager for disaster recovery purposes. What are two characteristics of a full state backup of a Cisco UCS Manager database? (Choose two.)

- A. performs a complete binary dump of the database as a .txz file
- B. contains all of the configurations
- C. performs a complete binary dump of the database as a bin file
- D. performs a complete binary dump of the databases as a sql file
- E. contains all of the runtime states and statuses but not the configurations

Answer: AB

Explanation:

File: compressed file in .tar.gz format

<https://www.virtual-odyssey.com/2019/10/31/its-the-little-stuff-cisco-ucs-backups/> the file extension for bin in a cisco context is usually the OS.

tar files are used for backup. <https://peazip.github.io/tar-file-format.html>

NEW QUESTION 541

An engineer configured an environment that contains the vPC and non-vPC switches. However, it was noticed that the downstream non-vPC switches do not receive the upstream vPC switch peers. Which vPC feature must be implemented to ensure that vPC and non-vPC switches receive same STP bridge ID from the upstream vPC switch peers?

- A. vpc local role-priority 4000
- B. peer-switch
- C. system-mac 0123.4567.89ab
- D. peer-gateway

Answer: B

Explanation:

Peer-Switch feature allows the vPC peers use the same STP root ID as well as the same bridge ID.

NEW QUESTION 544

A network administrator must perform a system upgrade on a Cisco MDS 9000 Series Switch. Due to the recent changes by the security team:

- The AAA server is unreachable.
- All TCP communication between the MDS 9000 Series Switch and AAA servers is disabled. Which actions must be used to perform the upgrade?

- A. Log in locally to the MDS 9000 Series Switch using a network-admin role and download the upgrade files from the remote TFTP server.
- B. Log in locally to the MDS 9000 Series Switch using a server-admin role and download the upgrade files from the remote FTP server.
- C. Log in to a server storing the upgrade files remotely using a server-admin role and download the files to the MDS 9000 Series Switch using SFTP.
- D. Log in to a server storing the upgrade files remotely using a network-admin role and download the files to the MDS 9000 Series Switch using HTTP.

Answer: A

NEW QUESTION 545

Refer to the exhibit.

```
Nexus(config)# show checkpoint summary
User Checkpoint Summary
-----
1) BeforeL3:
Created by admin
Created at Mon, 15:25:08 31 Dec 2018
Size is 9,345 bytes
Description: None

System Checkpoint Summary
-----
2) system-fm-vrrp:
Created by admin
Created at Fri, 09:57:02 14 Jun 2019
Size is 20,865 bytes
Description: Created by Feature Manager.

3) system-fm-hsrp_engine:
Created by admin
Created at Fri, 09:57:28 14 Jun 2019
Size is 20,852 bytes
Description: Created by Feature Manager.
```

What is the reason the system-fm-vrrp checkpoint was created?

- A. The VRRP service restarted and the checkpoint was automatically created.
- B. The network administrator manually created it.
- C. The VRRP process crashed and the checkpoint was automatically created.
- D. The VRRP-enable feature has been disabled.

Answer: D

Explanation:

automatically created by the Nexus when the vrrp feature is disabled

NEW QUESTION 546

A network architect is asked to design and manage geographically distributed data centers across cities and decides to use a Multi-Site Orchestrator deployment. How many orchestrators should be deployed?

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

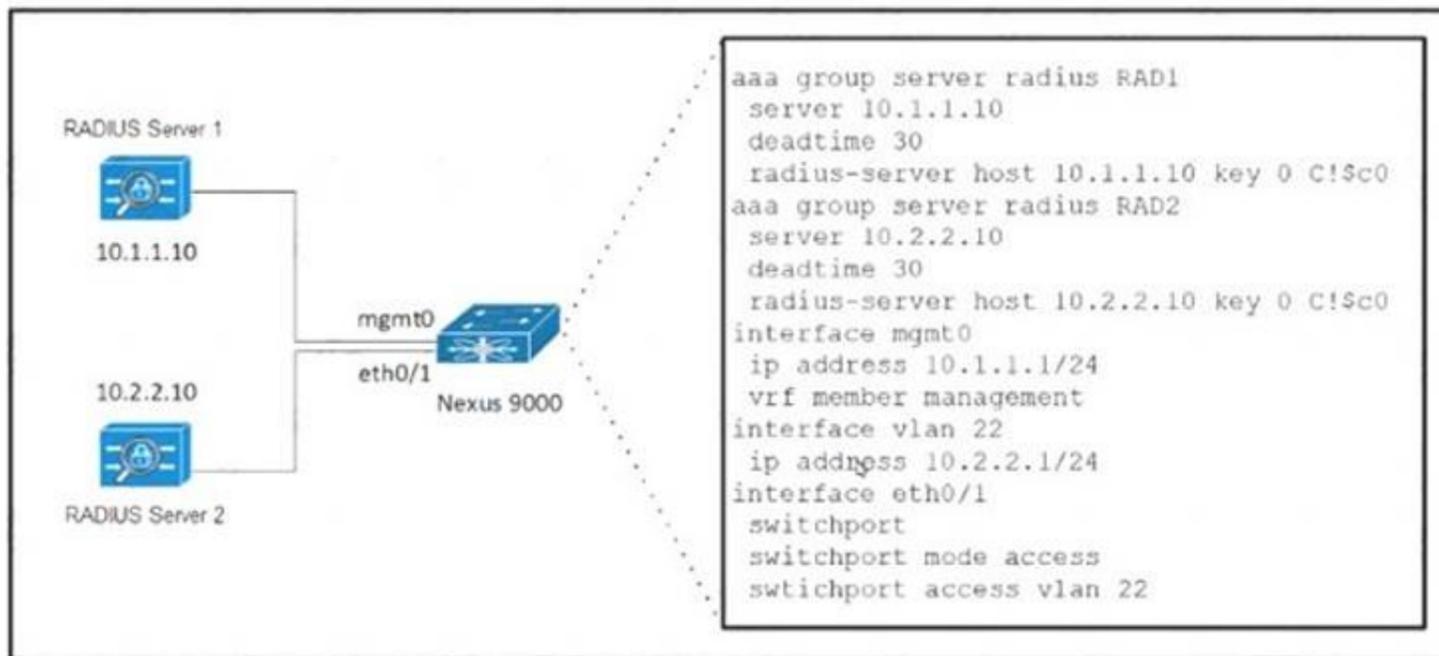
Answer: A

Explanation:

<https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centricinfrastructure/w>

NEW QUESTION 547

Refer to the exhibit.



A user must be granted management access to the Cisco Nexus 9000 Series Switch using AAA servers. The RADIUS servers are configured to accept login requests from the same Layer 2 subnet of the switch. The user must be permitted to log in with these requirements:

- > RADIUS server 1 must be used to log in via a console.
- > RADIUS server 2 must be used to log in via SSH.

Which two actions meet these requirements?

- A. Enable command authorization to RAD1 and RAD2 for all successful logins.
- B. Change the dead timer for RAD1 and RAD2 to 1 minute.
- C. Set the RADIUS source interface to be mgmt0 for group RAD1 and VLAN 22 for group RAD2.
- D. Configure the authentication login to use group RAD1 for console and group RAD2 for remote access.

Answer: AD

NEW QUESTION 549

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