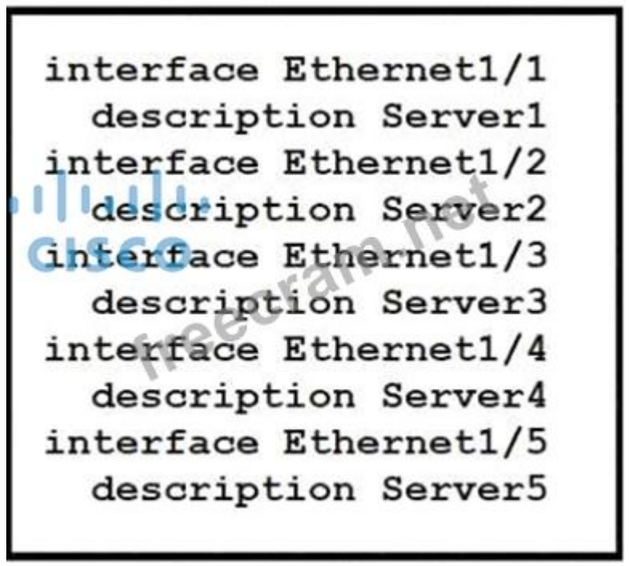
Cisco.350-601.v2026-11-02.q186

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Exam Name:	Implementing Cisco Data Center Core Technologies (350-601 DCCOR)
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NEW QUESTION: 1



Refer to the exhibit.
Which command is run from the Guest Shell to set the
description on the first five interfaces of the Cisco Nexus switch?
A. [guestshell@guestshell -]$ for x in {1-0}; do dohost " conf t; interface eth1/Sx ; description ServerSx " ; done
B. [guestshell@guestshell -]$forx in(1..5); dohost " conf t: interface eth1/Sx ; description ServerSx " ;
C. [guestshell@guestshe!l -]$ for x in {1.-5}; dohost " conf t; interface eth1/Sx ; description ServerSx " ;
D. [guestshell@guestshell -]$forx in (1..5); dodohost " conf t " ; " interface eth1/$x " : " description ServerSx " : done
Answer: (SHOW ANSWER)

NEW QUESTION: 2
An engineer implements a Cisco UCS C-Series Server that must meet these security requirements:

* Unencrypted communication must be disabled.
* The session timeout must not exceed 15 minutes.
* Unencrypted web traffic must be redirected automatically.
* CLI management must use a nondefault port.
Which configuration meets the requirements?
A. Enable SSH on port 8022, set the SSH timeout to 1,200 seconds, and enable IPMI over LAN.
B. Use HTTP port 80 and HTTPS port 443, set the session timeout to 900 seconds, enable HTTP-to- HTTPS redirection, and configure SSH on port 2022.
C. Enable Redfish on port 443, enable SSH, and configure HTTPS on port 8443.
D. Enable the XML API, configure HTTP on port 8080 and HTTPS on port 8443, enable IPMI over LAN, and use a randomized encryption key.
Answer: (SHOW ANSWER)
Option B satisfies every stated control. A 900-second session timeout equals 15 minutes, meeting the maximum-time requirement. HTTP-to-HTTPS redirection automatically moves attempts using unencrypted HTTP to the encrypted HTTPS service. SSH provides encrypted CLI management, and port 2022 is a nondefault port rather than the standard TCP port 22. Option A permits a 1,200-second timeout, which exceeds the 15-minute maximum, and enabling IPMI over LAN may expose an additional management service. Option C does not specify the required session timeout or automatic HTTP redirection. Option D leaves an unencrypted HTTP service enabled and does not provide the required SSH-based CLI configuration. The configuration in B therefore combines encrypted browser management, automatic redirection, the required timeout, and nondefault encrypted CLI access.

NEW QUESTION: 3
A network administrator must back up a Cisco Unified Computing System domain before a system upgrade.
The backup must include both system and logical configuration settings. Which backup type must be used?
A. Full state
B. Logical configuration
C. All configuration
D. System configuration
Answer: (SHOW ANSWER)
An all-configuration backup creates an XML file containing both system and logical configuration settings. System settings include elements such as usernames, roles, and locales, while logical settings include service profiles, VLANs, VSANs, pools, and policies. This directly satisfies the requirement to preserve both configuration categories before the upgrade. A full-state backup is a binary snapshot intended primarily for disaster recovery and system restoration, not a configuration import. A logical- configuration backup contains only logical objects and excludes administrative system settings. Conversely, a system-configuration backup includes administrative settings but excludes logical objects such as service profiles and connectivity policies. Cisco explicitly defines all configuration as the backup type that combines system and logical configuration information and permits those settings to be imported into the original or another fabric interconnect. Cisco UCS backup types

NEW QUESTION: 4
Which cloud deployment model uses two or more private or public clouds for a single organization using a technology to connect the two clouds together?
A. hybrid cloud
B. community cloud
C. private cloud
D. public cloud
Answer: A (LEAVE A REPLY)
The correct answer is A. hybrid cloud.
A hybrid cloud is a cloud deployment model that combines two or more distinct cloud infrastructures, typically private cloud, public cloud, or a combination of both, that remain separate environments but are connected by technology that enables data and application portability. This definition directly matches the wording of the question, which describes a single organization using multiple clouds connected together.

In Cisco data center and cloud architecture discussions, hybrid cloud is commonly used when an organization wants to keep some workloads on-premises or in a private cloud while extending other workloads to a public cloud provider for flexibility, scalability, disaster recovery, or cost optimization. The important point is that the clouds are integrated and interoperable, not isolated.
The other options do not match. A private cloud is dedicated to one organization but does not inherently combine multiple clouds. A public cloud is owned and operated by a cloud provider for general use. A community cloud is shared by organizations with common requirements. Therefore, the only model that specifically describes connecting two or more clouds for one organization is hybrid cloud.

NEW QUESTION: 5
What is a disadvantage of deploying network-attached storage (NAS) versus Fibre Channel for storage?
A. NAS operates independently of an organization's operating system
B. NAS is more complex and expensive to implement
C. NAS lacks the scalability and performance of Fibre Channel.
D. NAS centralizes storage devices which makes them easier to manage
Answer: (SHOW ANSWER)

NEW QUESTION: 6
An engineer must configure the RBAC role to perform these tasks In the Cisco UCS Manager:
* Configure VLANs and VLAN groups.
* Configure Ethernet Link Profile and LACP policy.
* Specify the allowed range for virtual MAC addresses.
* Configure SPAN Ethernet monitoring sessions.
Which set of permissions must be used to create a user role that accomplishes these roles?

- ext-lan-security
- ls-network

- ext-lan-config
- ext-lan-policy

- ls-config
- ls-ext-access

- ls-server-oper
- ext-san-policy

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A. Option D
B. Option C
C. Option A
D. Option B
Answer: (SHOW ANSWER)

NEW QUESTION: 7

```
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
```

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Refer to the exhibit. 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 protect
C. switchport port-security violation isolate
D. switchport port-security violation restrict
Answer: (SHOW ANSWER)

NEW QUESTION: 8
An engineer must deploy a UCS-X platform to a customer that requires an air gap between their management systems and the internet Which Intersight deployment option must be used to accomplish this goal?

A. Intersight Secure Appliance
B. Intersight Connected Appliance
C. Intersight Private Appliance
D. Intersight Assistant
Answer: C (LEAVE A REPLY)

NEW QUESTION: 9
Which Cisco Nexus Dashboard feature analyzes flow telemetry data that is streamed from a Cisco Nexus 9000 Series Switch?

A. Nexus Dashboard Fabric Controller
B. Nexus Dashboard Orchestrator
C. Nexus Dashboard Insights

D. Nexus Dashboard Data Broker
Answer: (SHOW ANSWER)

NEW QUESTION: 10
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?
A. Protocol SCP Schedule Daily
B. Protocol FTP Schedule Bi-Weekly
C. Protocol SFTPSchedule Weekly
D. Protocol TFTP Schedule BI-Weekly
Answer: (SHOW ANSWER)

NEW QUESTION: 11

```
key chain CiscoKey
  key 2
    accept-lifetime 00:00:00 Jun 01 2022 23:59:59 Sep 12 2022
    send-lifetime 00:00:00 Jun 01 2022 23:59:59 Aug 12 2022
!
feature hsrp
!
feature ospf
!
interface ethernet1/1
 ip router ospf 1 area 0.0.0.1
 ip address 172.18.1.1/30
!
interface ethernet1/2
 ip address 172.18.2.1/30
```

Refer to the exhibit. An engineer configured OSPF on a Cisco Nexus 9000 Series Switch. The engineer planned to authenticate OSPF messages on interface Eth1/1 and use md5 for authentication and encrypt password using 3DES. Which command snippet must be used to resolve the issue?
A. ip ospf authentication md5ip ospf authentication-key 3 P@ssw01
B. ip ospf authentication message-digestip ospf message-digest-key 2 md5 3 P@ssw01
C. ip ospf authentication md5ip ospf message-digest-key 2 md5 3 P@ssw01
D. ip ospf authentication message-digestip ospf authentication-key 3 md5 P@ssw01
Answer: (SHOW ANSWER)
The correct answer is B because Cisco OSPF MD5 authentication on an interface requires two specific elements: enabling message-digest authentication and defining a message-digest key. On Cisco platforms, the correct syntax is:
ip ospf authentication message-digest

ip ospf message-digest-key < key-id > md5 < encryption-type > < password > In this question, the engineer must use MD5 and store the password using 3DES encryption, which corresponds to encryption type 3 in Cisco syntax. Therefore, ip ospf message-digest-key 2 md5 3 P@ssw01 is the valid form. The key ID can be any matching integer on both neighbors, and here it is 2.
Option A is incorrect because authentication-key is used for simple password authentication, not MD5 message-digest authentication. Option C is incorrect because ip ospf authentication md5 is not the NX-OS
/IOS syntax used here; Cisco uses authentication message-digest. Option D is invalid because authentication- key does not take md5 in that format.
So the issue is resolved only by enabling message-digest authentication and configuring the MD5 key with encryption type 3, which is exactly what B does.

NEW QUESTION: 12
An engineer is implementing traffic monitoring for a server vNIC that is configured with fabric failover enabled. The requirement is for the traffic to be sent to an analyzer, even during a failure of one of the fabric interconnects. The analyzer is connected to unconfigured Ethernet ports on both fabric interconnects. Which configuration accomplishes this task?
A. Create two traffic monitoring sessions with different names, one per fabric.Connect an analyzer on each FI as the destination for the monitoring session local to the FI.
B. Create two traffic monitoring sessions with the same name, one per fabric.Connect an analyzer on each FI as the destination for the monitoring session local to that FI.
C. Create two traffic monitoring sessions with different names, one per fabric.Connect the analyzer connected to FI-B as the destination for both monitoring sessions.
D. Create two traffic monitoring sessions with the same name, one per fabric.Connect the analyzer connected to FI-A as the destination for both monitoring sessions.
Answer: (SHOW ANSWER)
The correct answer is B. Cisco UCS traffic monitoring is fabric-local, meaning a monitoring destination is a single physical port on one fabric interconnect, so one session cannot monitor both fabrics at the same time.
Cisco documentation states that to monitor a vNIC with fabric failover enabled without losing visibility during an FI failure, you must create two monitoring sessions, one per fabric, connect two analyzers, and add the vNIC as the traffic source using the exact same session name for both sessions.
That requirement eliminates options C and D, because both try to use an analyzer on only one FI for both sessions, which violates the rule that all traffic sources and destination ports must remain on the same local fabric. Option A is also incorrect because Cisco specifically says to use the same name for both sessions when monitoring uninterrupted vNIC traffic across a fabric failover. Therefore, the only configuration that preserves monitoring during normal operation and during a fabric failover event is two same-named sessions, one per fabric, each with its own local analyzer destination.

NEW QUESTION: 13
An engineer must assign a device alias of Marketing to a Fibre Channel port that has a worldwide name of 21:
00:00:00:11:11:22:22 on a Cisco MDS 9000 Series Switch. Which two commands accomplish this goal?
(Choose two.)
A. vsan database
B. device-alias database
C. device-alias name Marketing pwwn 21:00:00:00:11:11:22:22
D. device-alias name Marketing wwn 21:00:00:00:11:11:22:22
E. device-alias rename wwn Marketing
Answer: (SHOW ANSWER)
The correct answers are B and C. On Cisco MDS 9000 switches, device aliases are configured within the device-alias database configuration mode, which is entered using the command device-alias database. This is required before defining or modifying any device alias entries, making option B mandatory.
Once inside the device-alias database, the alias is created using the syntax:
device-alias name < alias-name > pwwn < WWN >
Here, pwwn (Port World Wide Name) is the correct identifier used for Fibre Channel endpoints. Therefore, the command device-alias name Marketing pwwn 21:00:00:00:11:11:22:22 correctly maps the alias Marketing to the specified WWN, making option C correct.
Option D is incorrect because Cisco syntax specifically uses pwwn, not wwn, for device alias definitions.
Option A is unrelated, as VSAN database configuration is used for VSAN settings, not device aliases. Option E is invalid because device-alias rename is not used to create a new alias.

Thus, the correct process is entering the device-alias database and then defining the alias using the pwwn keyword.

NEW QUESTION: 14
An engineer must remove the running configuration of a Cisco Nexus 9000 Series Switch and replace it with a backup file without restarting the switch. The backup file is stored on an SFTP server that is reachable via the mgmt0 interface Which set of commands accomplishes this task?
A. copy sftp-/.admin@192.168 10.100 backup.cfg bootfiash: / backup.cfg vrf management configure replace bootflash:///backup cfg
B. configure replace sftp://admin@192.168.10.100 backup.cfg vrf mgmtO copy running-config bootfiash.'
/startup-config
C. copy sftp://admin@192.168.10.100/bockup.cfg startup-config vrf mgmtO copy startup-config running- config
D. copy sftp://admin@192.168.10.100/backup.cfg startup-config vrf management reload in 10
Answer: (SHOW ANSWER)

NEW QUESTION: 15
An engineer must allow in-band Cisco IMC profile configuration and deploy local storage policies for disks and LUNs. Which set of permissions must be used for a user profile to permit these actions?
A. operations org-management
B. Is-network fault
C. pn-equipment power-mgmt
D. ext-lan-config Is-compute
Answer: (SHOW ANSWER)

NEW QUESTION: 16
Which protocol does Cisco Hyperflex use to share data among nodes in a VMware vSphere environment?
A. C1FS
B. SMB
C. NFS
D. FCoE
Answer: (SHOW ANSWER)

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NEW QUESTION: 17
What is the benefit of using the Cisco Nexus Dashboard single sign-on feature?
A. It adds a security layer based on multifactor authentication.
B. It allows the user to switch seamlessly between the hosted services.
C. It manages operations of the infrastructure using a single pane of glass.
D. It provides notifications about end of sale for the deployed switches.
Answer: (SHOW ANSWER)

NEW QUESTION: 18

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. upgrade -U

B. update -vh

C. rpm -qa

D. rpm -Uhv

Answer: (SHOW ANSWER)

NEW QUESTION: 19



Refer to the exhibit. An engineer configures FCoE in a newly installed data center Which configuration must be applied to activate VSAN 100 on VFC 100?

A. Issue the shutdown lan command on VFC 100

B. Allow VSAN 100 on interface eth1/12.

C. Configure a VLAN on VFC 100.

D. Map an FCoE VLAN to VSAN 100.

Answer: (SHOW ANSWER)

NEW QUESTION: 20

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

A. data center

B. VM name

C. VMM domain

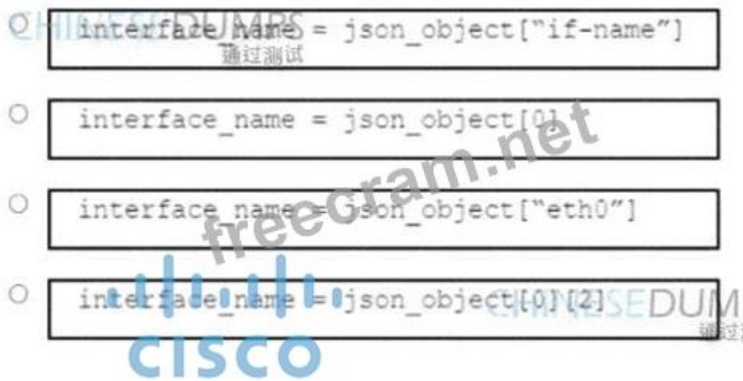
D. IP address

Answer: (SHOW ANSWER)

NEW QUESTION: 21



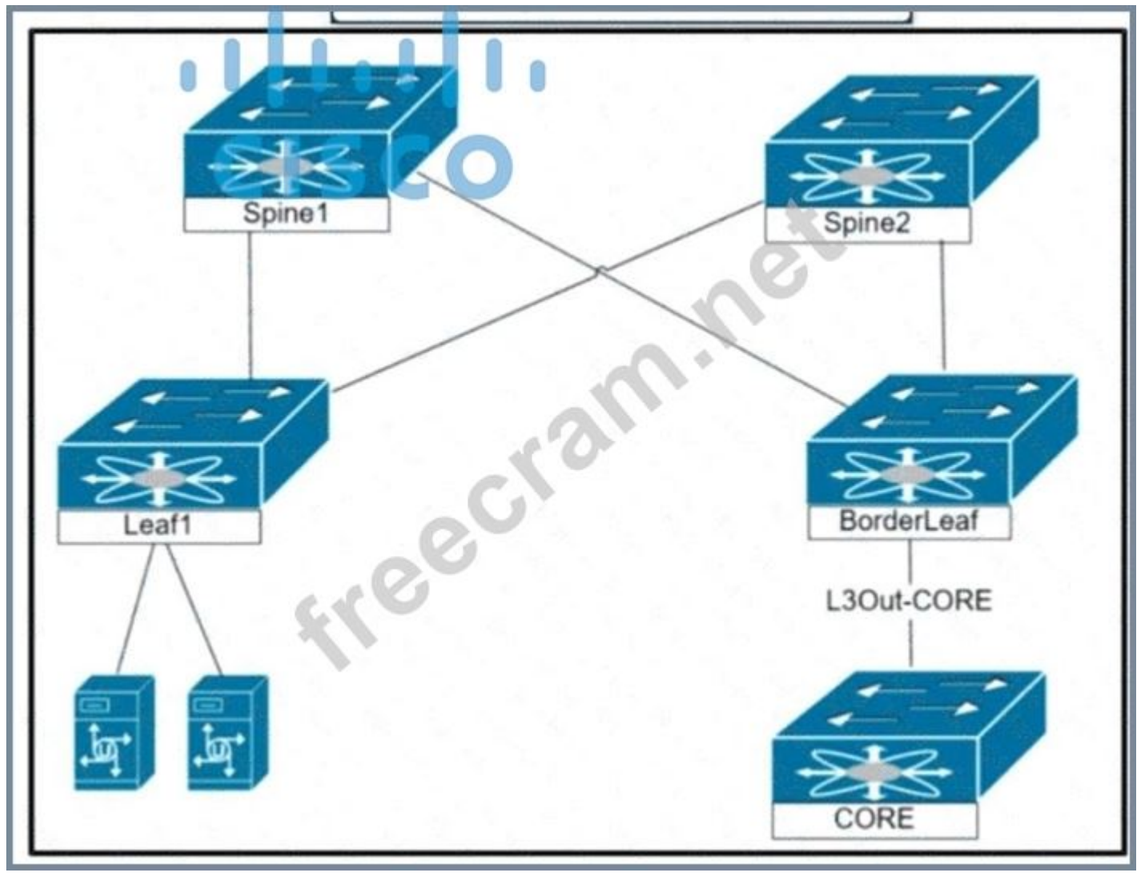
Refer to the exhibit. A network engineer must retrieve the network interface name from a JSON object. The engineer loads the JSON into a Python dictionary named json_object. Which code snippet completes the Python script?



A. Option B
B. Option A
C. Option C
D. Option D
Answer: (SHOW ANSWER)

NEW QUESTION: 22
What are two capabilities of the Cisco Network Assurance Engine? (Choose two.)
A. It validates that devices comply with network security policies.
B. It ensures that network performance meets an SLA.
C. It predicts the network load on a data center.
D. It verifies the speed of network packet flows by using telemetry.
E. It predicts the impact of changes to the network.
Answer: (SHOW ANSWER)

NEW QUESTION: 23
Refer to the exhibit.



An engineer configured an L3Out to exchange routes with the external network, but EIGRP routes are present only on the border leaf. Consequently, servers connected through Leaf1 cannot communicate with external networks. The L3Out configuration has been confirmed. Which action must have been completed during the initial fabric setup?
A. Configure redistribution between EIGRP and MP-BGP.
B. Define the border leaf switches as BGP route reflectors.
C. Define the spine switches as BGP route reflectors.
D. Change the IS-IS metric for redistributed routes to 32.
Answer: (SHOW ANSWER)
Cisco ACI uses MP-BGP within the fabric to distribute external routes learned by border leaf switches to the other leaf switches. During the initial fabric configuration, the spine switches must be designated as BGP route reflectors. Border leaves advertise externally learned routes to the spine route reflectors, which reflect those routes to the remaining leaf switches, including Leaf1. If the route-reflector configuration is absent, the EIGRP routes can remain visible only on the border leaf, matching the reported symptom. The L3Out already handles the connection to the external EIGRP domain, so manually configuring a separate redistribution operation is not the missing initial-fabric action. Border leaf switches are route-reflector clients, not normally the fabric route reflectors. Changing an IS-IS metric affects underlay forwarding and does not distribute external MP-BGP routes between leaf switches.

NEW QUESTION: 24
An engineer is using REST API calls to configure Cisco APIC. Which data structure must be included in a POST message to receive a login token?
A. {aaaUser:{attributes:{name: apiuser, pwd:cisco123}}}

B. < aaaUser > < name= " apiuser " / > < pwd= " cisco123 " / > < /aaaUser >
C. { " aaaUser " :{ " attributes " :{ " name " : " apiuser " , " pwd " : " cisco123 " }}}
D. < aaaUser > < name > apiuser < /name > < pwd > cisco123 < /pwd > < /aaaUser >
Answer: (SHOW ANSWER)
Cisco APIC accepts a properly structured JSON authentication payload containing an aaaUser managed object and an attributes object. The username and password must be represented as valid quoted JSON name-value pairs. Option C follows valid JSON syntax and supplies both required authentication attributes. Option A resembles a JavaScript object literal but is not valid JSON because its property names and string values are not enclosed in quotation marks. Options B and D attempt to use XML, but their element and attribute structures do not match the required APIC XML authentication format. The JSON payload is sent through an HTTP POST request to the APIC login URI. If authentication succeeds, APIC returns an aaaLogin response containing a token. That token is then presented with subsequent API requests to maintain the authenticated management session.

NEW QUESTION: 25
A company provides applications and database hosting services to multiple customers using isolated infrastructure-as-a-service services within the same data center environment. The environment is based on Cisco MDS 9000 Series Switches. The requirement is to manage the environment by using Fibre Channel Security Protocol and to enable user authentication when the centralized AAA server is unreachable. All communication between the MDS switches and the remote servers must be encrypted. Which command set must be used to meet these requirements?
A. aaa group server radius RadiusServeMaaa authentication login default RadiusServeM
B. aaa group server radius RadiusServeMaaa authentication dhchap default group RadiusServeM
C. aaa group server tacacs+ TacacsServerlaaa authentication login console TacacsServerl
D. aaa group server tacacs+ TacacsServerl _aaa authentication dhchap default group Tacattserveii
Answer: (SHOW ANSWER)

NEW QUESTION: 26
A DevOps engineer must use Python to manage a Cisco device. The device is in a highly secure DMZ environment. Only trusted Cisco Python libraries can be used. Which solution meets the requirements?
A. Develop an on-box Python script that uses trusted Cisco libraries.
B. Develop an off-box Python script that uses trusted Cisco libraries.
C. Develop a containerization application that uses trusted Cisco-provided libraries.
D. Develop an application by using serverless technologies in a primary cloud provider.
Answer: (SHOW ANSWER)

NEW QUESTION: 27
An engineer must replace a defective fabric interconnect with the same model. The system must be restored, including the database of locally created users. The equivalent Cisco UCS Manager software version must be used. Which backup type must be used to meet these requirements?
A. Full State
B. Logical Configuration
C. System Configuration
D. All Configuration
Answer: (SHOW ANSWER)

NEW QUESTION: 28

```
switch# show fabric-binding database active vsan 10

---------------------------------------------------
Vsan   Logging-in Switch WWN      Domain-id
---------------------------------------------------
10     21:00:00:00:00:00:00:10    Any
10     21:00:00:00:00:00:00:20    20
10     21:00:00:00:00:00:00:30    30
[Total 3 entries]
```

Refer to the exhibit An engineer must configure fabric binding on a Cisco MDS 9000 Series Switch to match the output Which fabric database configuration accomplishes this goal?

```
CISCOMDS(config)# vsan database
CISCOMDS(config-vsan-db)# swwn 21:00:00:00:00:00:00:10
CISCOMDS(config-vsan-db)# nwwn 21:00:00:00:00:00:00:20 domain 20
CISCOMDS(config-vsan-db)# nwwn 21:00:00:00:00:00:00:30 domain 30
```

```
CISCOMDS(config)# fabric-binding database vsan 10
CISCOMDS(config-fabric-binding)# swwn 21:00:00:00:00:00:00:10
CISCOMDS(config-fabric-binding)# nwwn 21:00:00:00:00:00:00:20 domain 20
CISCOMDS(config-fabric-binding)# nwwn 21:00:00:00:00:00:00:30 domain 30
```

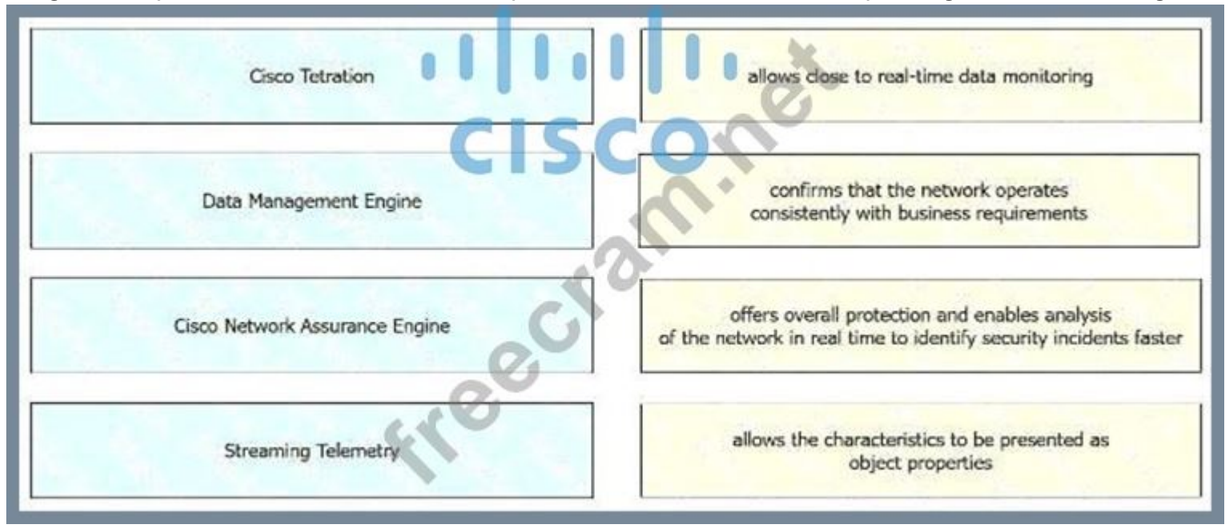
```
CISCOMDS(config)# vsan database
CISCOMDS(config-vsan-db)# swwn 21:00:00:00:00:00:00:10
CISCOMDS(config-vsan-db)# nwwn 21:00:00:00:00:00:00:20 domain 20
CISCOMDS(config-vsan-db)# nwwn 21:00:00:00:00:00:00:30 domain 30
```

```
CISCOMDS(config)# fabric-binding database vsan 10
CISCOMDS(config-fabric-binding)# swwn 21:00:00:00:00:00:00:10 domain any
CISCOMDS(config-fabric-binding)# nwwn 21:00:00:00:00:00:00:20 domain 20
CISCOMDS(config-fabric-binding)# nwwn 21:00:00:00:00:00:00:30 domain 30
```

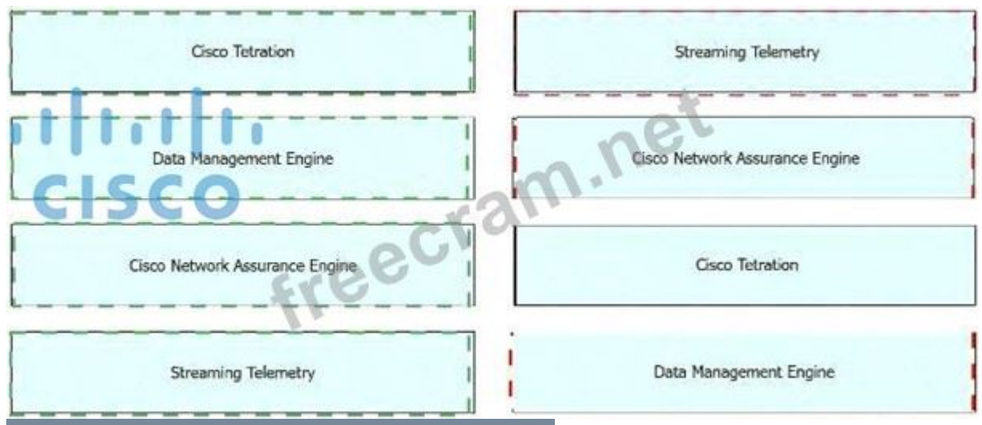
A. Option C
B. Option A
C. Option B
D. Option D
Answer: (SHOW ANSWER)

NEW QUESTION: 29

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



Answer:



NEW QUESTION: 30

An engineer is implementing VSAN 10 on multiple Cisco Nexus 5600 Series Switches and must ensure that the full zone set and active zone set are identical across the fabric. Which configuration must be implemented to meet this requirement?

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A. switch(conftg)# zoneset distribute full vsan 10
B. switch(config)#zoneset activate name ZONE10 vsan 10
C. switch(config)# zoneset distribute vsan 10
D. switch(config)# zone-attribute-group name ATTR1 vsan 10
Answer: (SHOW ANSWER)

NEW QUESTION: 31

An engineer must export the Cisco UCS Manager configuration for backup purposes. The requirement is to export the configuration that contains the AAA and RBAC configuration. Also, the file must be stored in a human-readable format. Which backup type must be selected to meet these requirements?

A. full state
B. system configuration
C. logical configuration
D. all configuration
Answer: (SHOW ANSWER)

The correct answer is B. system configuration.

In Cisco UCS Manager, backup types are separated by what part of the domain they capture. The system configuration backup contains the UCS system-level settings, which include administrative and infrastructure- related items such as AAA configuration, authentication settings, user accounts, RBAC roles, time settings, communication services, and other management-plane parameters. This directly matches the requirement to back up AAA and RBAC.

The question also requires the file to be in a human-readable format. Cisco UCS uses an XML-based format for configuration backups such as system configuration, logical configuration, and all configuration, making them readable and reviewable. By contrast, full state backup is intended for disaster recovery and is a binary image, so it is not human-readable.

Option C (logical configuration) is incorrect because it focuses on logical objects such as service profiles, pools, policies, and templates, not primarily AAA/RBAC. Option D (all configuration) would include AAA and RBAC, but it is broader than required. Since the question specifically asks for the backup type that contains AAA and RBAC, the most precise and correct choice is system configuration.

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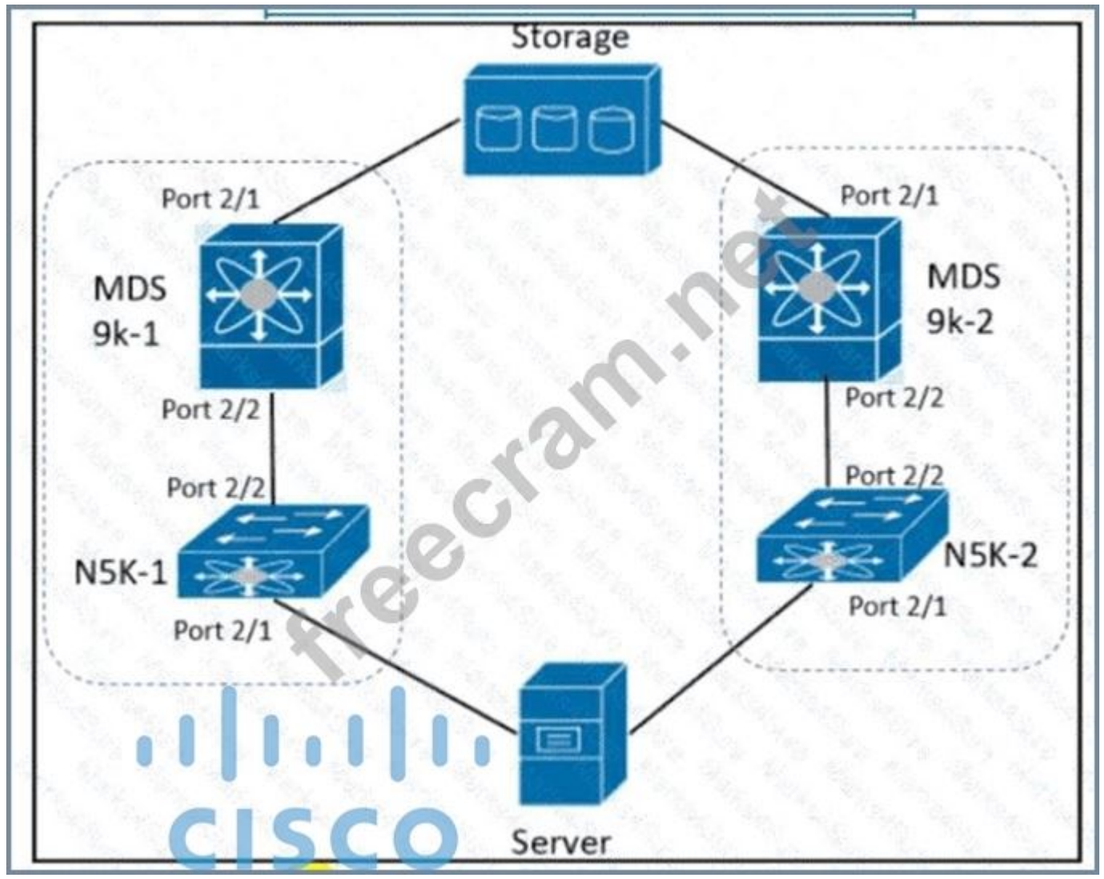
NEW QUESTION: 32

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?

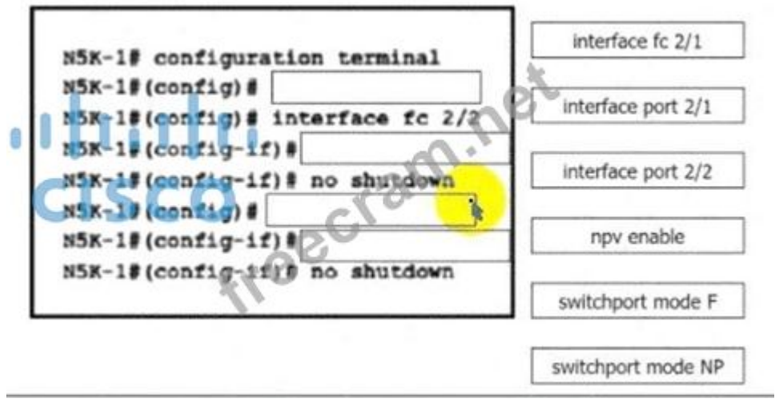
A. I/O module
B. Cisco IMC
C. Adapter
D. BIOS
Answer: (SHOW ANSWER)

NEW QUESTION: 33

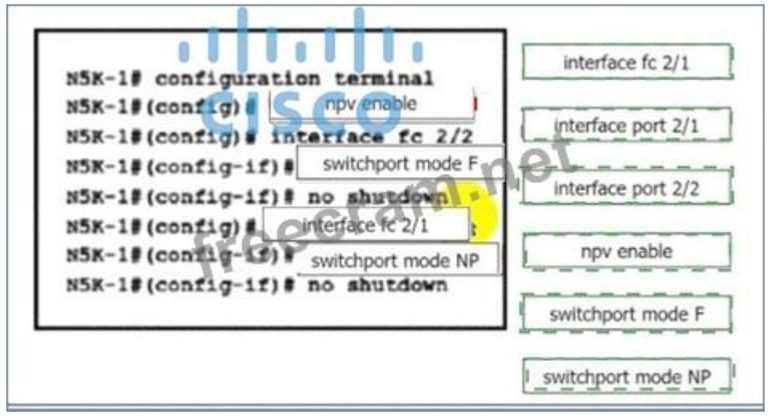
Refer to the exhibit.



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.



Answer:



Explanation:

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

NEW QUESTION: 34



Refer to the exhibit An engineer must build the VXLAN for a new customer BGP is configured for Layer 3 connectivity and is confirmed to work as expected The deployment must meet these entena:

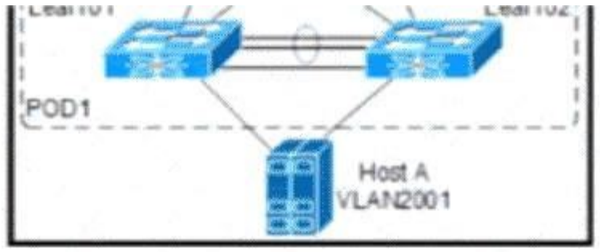
*All VNI IDs must contain the VLAN that they represent

*Multicast must be used to transport ARP messages between the pods

Drag and drop the code snippets from the bottom onto the boxes in the code to complete the remaining Layer

2 connectivity.

Not all code snippets are used.



Refer to the exhibit. An engineer must build the VXLAN for a new customer. BGP is configured for Layer 3 connectivity and is confirmed to work as expected. The deployment must meet these criteria:

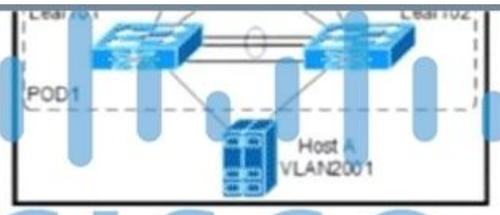
- All VNI IDs must contain the VLAN that they represent.
- Multicast must be used to transport ARP messages between the pods.

Drag and drop the code snippets from the bottom onto the boxes in the code to complete the remaining Layer 2 connectivity. Not all code snippets are used.

```
interface [          ]
  no shutdown
  description Network Virtual Interface
  [          ]  protocol [          ]
  source-interface loopback0
  member vni 900001 associate-vrf
!
  member vni [          ]
    no [          ]
    mcast-group 225.4.0.10
```

spine-anycast-	2002001	suppress-arp
nve1	host-reachability	bgp

Answer:



Refer to the exhibit. An engineer must build the VXLAN for a new customer. BGP is configured for Layer 3 connectivity and is confirmed to work as expected. The deployment must meet these criteria:

- All VNI IDs must contain the VLAN that they represent.
- Multicast must be used to transport ARP messages between the pods.

Drag and drop the code snippets from the bottom onto the boxes in the code to complete the remaining Layer 2 connectivity. Not all code snippets are used.

```
interface [ nve1 ]
  no shutdown
  description Network Virtual Interface
  [ host-reachability ] protocol [ bgp ]
  source-interface loopback0
  member vni 900001 associate-vrf
!
  member vni [ 2002001 ]
    no [ suppress-arp ]
    mcast-group 225.4.0.10
```

spine-anycast- | 2002001 | suppress-arp
nve1 | host-reachability | bgp

Explanation:
1) nve1
2) host-reachablity 3) bgp
4) 2002001
5) suppress-arp

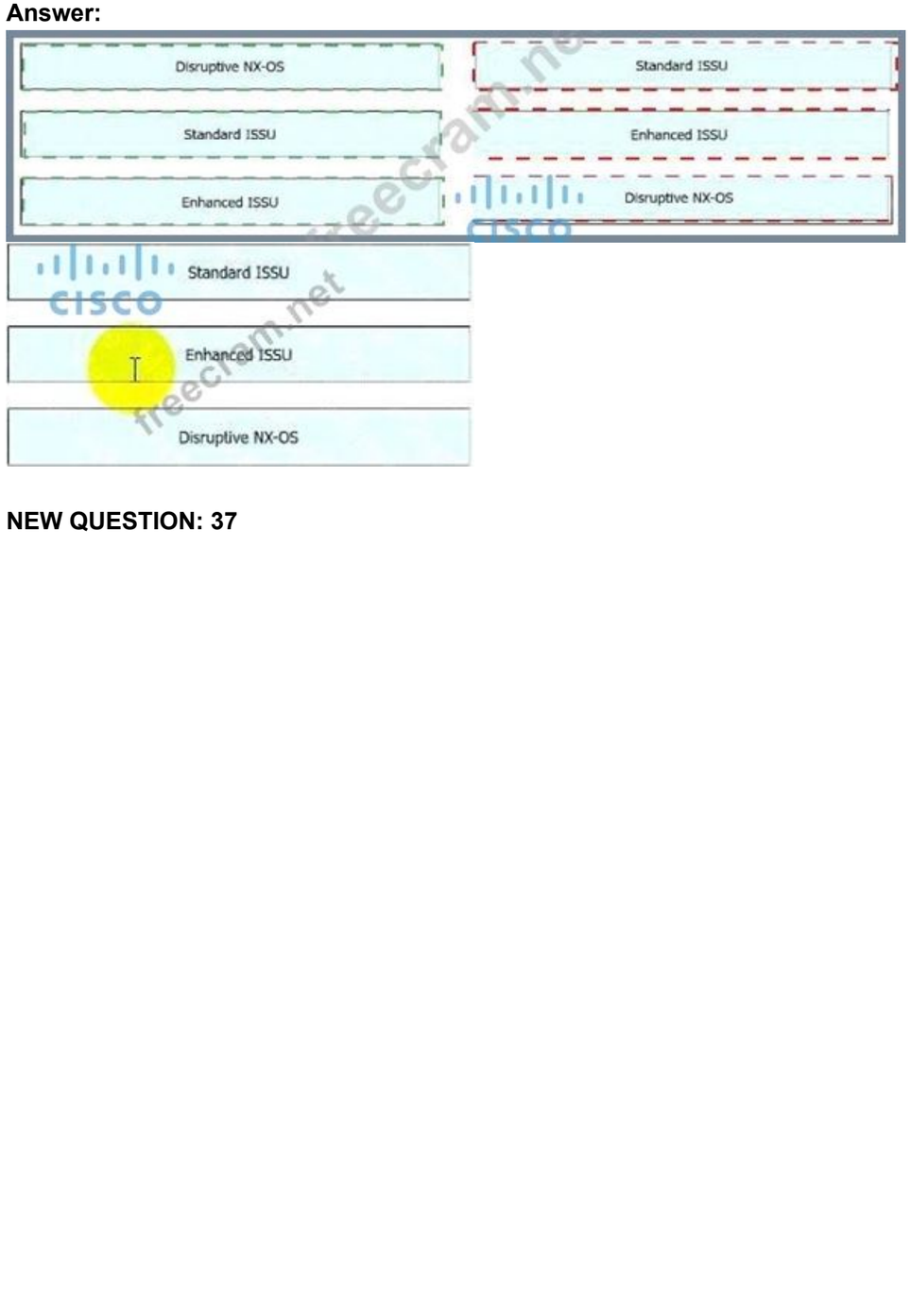
NEW QUESTION: 35
What type of API interface is used to manage UCS-X in Intersight Managed Mode?
A. Stateful
B. RESTful
C. GraphQL
D. WebSocket
Answer: (SHOW ANSWER)

NEW QUESTION: 36
Drag and drop the Cisco Nexus 9000 Series Switch software update processes from the left onto the corresponding characteristics on the right.

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Answer:



NEW QUESTION: 37



Refer to the exhibit. An engineer associates an ESX service profile to a blade server. The engineer adds a VLAN to the vNIC Template named vNIC-0 by using Cisco UCS Manager. The engineer discovers that the VLAN is missing on the vNIC of the ESX service profile. Which action adds the VLAN to the vNIC?

A. Change Template Type for ESX to Updating Template.

B. Remove both templates and recreate them as Updating Templates.

C. Change Template Type for vNIC-0 to Updating Template.

D. Remove the VLAN from the template and add the VLAN again.

Answer: (SHOW ANSWER)

NEW QUESTION: 38

An engineer needs to create a new user in the local user database on Cisco UCS Fabric Interconnect. The user needs permissions to change the following configuration inside UCS Manager version 3.1:

* vNIC and vHBA profiles

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* Fan speed and power redundancy profile of UCS Manager

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

A. operations

B. server-equipment

C. server-profile

D. facility-manager

E. server-compute

Answer: (SHOW ANSWER)

NEW QUESTION: 39

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

* It must encrypt all traffic

* It must use nondefault ports

* It must provide private administrative sessions

Which Cisco IMC corrflguraton meets the requirements?



A. Option B

B. Option A

C. Option D

D. Option C

Answer: (SHOW ANSWER)

NEW QUESTION: 40

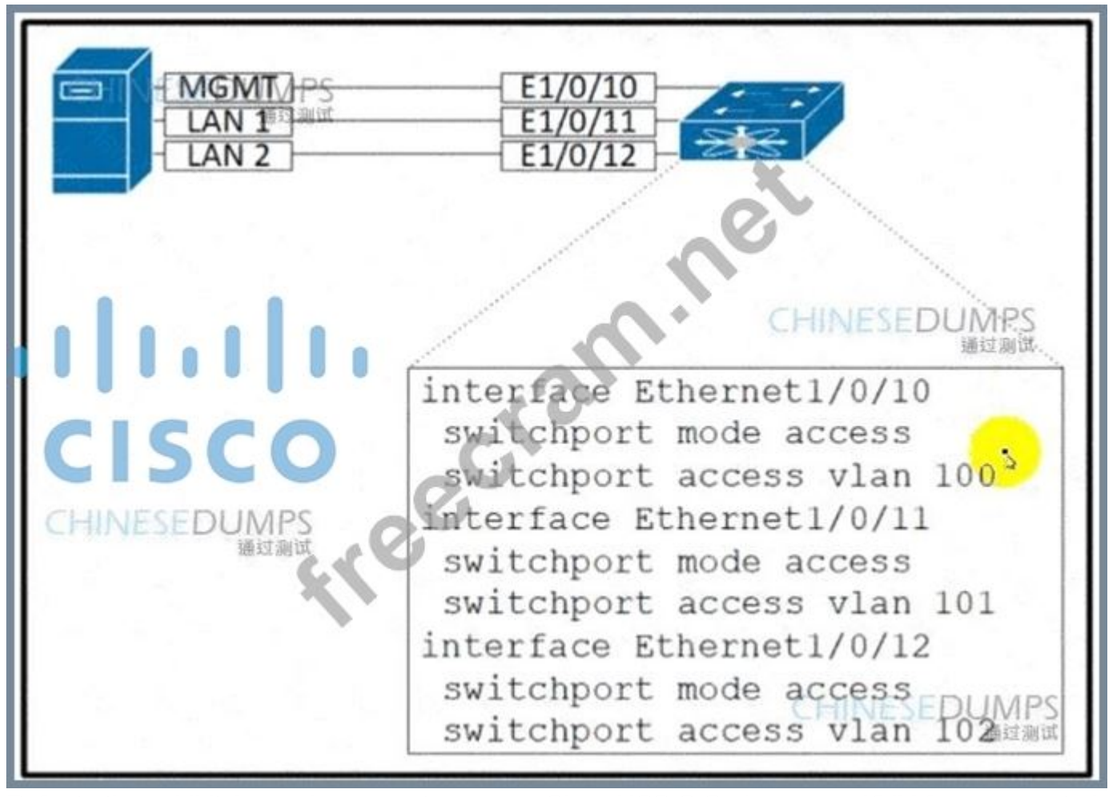
A network engineer is upgrading the EPLD on module 2 of a Cisco Nexus 9000 Series Switch. What is the impact on traffic passing through the module?

A. Traffic continues to be forwarded without interruption.

B. Only traffic passing through module 2 is disrupted.

C. Traffic passing through every module in the switch is disrupted.
D. Only control-plane traffic on the active supervisor is disrupted.
Answer: (SHOW ANSWER)
An EPLD upgrade reprograms hardware logic on the selected module. The affected module must be taken out of service or reloaded while its programmable components are updated. Consequently, traffic traversing module 2 is disrupted during the operation. Other modules that are not included in the upgrade can continue forwarding traffic, subject to the platform design and availability of alternate paths. The upgrade is therefore not completely nondisruptive, but its impact is localized to the module being upgraded rather than automatically affecting every module. It is also not limited to supervisor control-plane traffic because an I/O module's forwarding hardware is directly affected by EPLD reprogramming. Administrators should move traffic to redundant links and schedule the operation during a maintenance window before initiating the upgrade on a production Nexus switch.

NEW QUESTION: 41



Refer to the exhibit An engineer must access a Cisco UCS C-Series server KVM from a remote location. The engineer must use the out-of-band interface to access the KVM Which configuration set meets these requirements?
A. NIC mode Shared LOM VLAN ID 100
B. NIC mode: Dedicated VLAN ID: 101
C. NIC mode Dedicated VLAN state Disabled
D. NIC mode: Shared LOM vlan state: Disabled
Answer: (SHOW ANSWER)

NEW QUESTION: 42
Which service profile is affected if the default host firmware policy in Cisco UCS Manager is changed?

A. any service profile that uses the global-default host firmware policy
B. any service profile that is not in the root sub-org
C. any service profile that has no host firmware policy defined
D. any service profile that uses a user-created host firmware policy
Answer: (SHOW ANSWER)

NEW QUESTION: 43
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 a static VLAN allocation range to the VLAN pool.
B. Create a static reservation within the dynamic VLAN pool.
C. Add the VLAN to the pool configured with Inherit Allocation Mode from parent.
D. Change the existing VLAN pool to static allocation mode.
Answer: (SHOW ANSWER)

NEW QUESTION: 44

```
from cli import *
import json

interface_output = json.loads(clid('show interface brief'))
[                                                          ]
[                                                          ]
[                                                          ]
[                                                          ]
[                                                          ]
[                                                          ]

print(json.dumps(active_interfaces,indent=4))
```

```
interface_out = {
    "TABLE_interface": {
        "ROW_interface": [
            {
                "interface": "mgmt0",
                "speed": "1000",
                "state": "up",
                "ip_addr": "10.10.20.95",
                "mtu": "1500"
            },
            {
                "ratemode": "D",
                "speed": "auto",
                "vlan": "30",
                "state": "down",
                "portmode": "access",
                "state_rsn_desc": "inactive",
                "interface": "Ethernet1/17",
                "type": "eth"
            },
            {
                "interface": "Vlan101",
                "svi_rsn_desc": "Administratively down",
                "svi_admin_state": "down"
            }
        ]
```

Refer to the exhibit An engineer creates a Python script to run in the native Python environment of a Cisco Nexus 9000 Series Switch The standard output of the script displays a list of the names of active interfaces on the switch Which code snippet parses the content of the interface_output variable to create the specified list?

```
active_interfaces = [
    interface['interface']
    for interface in
    interface_output["TABLE_interface"]["ROW_interface
    "]
    if 'state' in interface.keys()
    if interface['state'] != 'down'
]
```

```
active_interfaces = [
    interface
    for interface in
    interface_output["TABLE_interface"]["ROW_interface
    "]
    if 'state' in interface.keys()
]
```

```
active_interfaces = [
    interface['interface']
    for interface in interface_output
    if 'state' not in interface.keys()
]
```

```
active_interfaces = [
    interface['interface']
    for interface in interface_output
    if 'state' not in interface.keys()
    if interface['state'] != 'down'
]
```

A. Option C
B. Option B
C. Option D
D. Option A
Answer: (SHOW ANSWER)

NEW QUESTION: 45

An engineer must create an EPG called " Test* The configuration request should succeed it the Tenant called
" Tenant " and the application profile called " Test " exist The firewall policy allows only the HTTP connectivity lo APIC from the user ' s computer. Which action accomplishes this goal?
A. Send < fvAEPg dn " unl/tn-Test/ap-Test ' epg-Tenant " status- " created " /^ to APIC payload using HTTP POST to the Cisco APIC.
B. Send < fvAEPg dn " unl//tn-Tenanl//epg-Test//ap-TBsf ' status-,,created " r > to APIC payload using HTTP PUT to the Cisco APIC
C. Send < tvAEPg dn " " unl/tn-Tenant/ap-Test/epg-Test " status- " created " / > to APIC payload using HTTP POST to the Cisco APIC.
D. Send < fvAEPg dn= " uniMn-TesU/ap-Test/ ' epg-Tenant " status= " created " / > to APIC payload using HTTP PUT to the Cisco APIC.
Answer: (SHOW ANSWER)

NEW QUESTION: 46
An engineer must deploy a new Cisco MDS 9000 Series Switch and be able to receive LinkUp/LinKDown notifications that were sent using a secure industry standard. Which technology must be used to accomplish this goal?
A. SNMP
B. PMON
C. SPAN
D. RMON
Answer: (SHOW ANSWER)

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NEW QUESTION: 47
Refer to the exhibit.

```
MDS# show role
Role: network-admin
  Description: Predefined network admin role
  ------------------------------------------------------------------
  Rule    Perm    Type         Scope                Entity
  ------------------------------------------------------------------
rule 5 permit show feature hardware
rule 4 permit show feature environment
rule 3 permit config feature ntp
rule 2 permit config feature ssh
rule 1 permit config feature tacacs+

Role: Custom-Role-B
  Description: Additional admin role
  ------------------------------------------------------------------
  Rule    Perm    Type         Scope                Entity
  ------------------------------------------------------------------
rule 6 permit config feature dpvm
rule 1 deny config feature tacacs+
```

A Cisco MDS 9000 Series Switch is configured with RBAC. The default role applies to all users. User A is also assigned to the role Custom-Role-B. Which set of features will user A be authorized to configure?
A. NTPSSHDPVM
B. SSHDPVMTACACS+NTP
C. DPVMNTPSSHhardware
D. hardwareenvironmentDPVM
Answer: (SHOW ANSWER)

The correct answer is B because Cisco MDS RBAC authorizes a user based on the union of all permitted commands across all assigned roles. In the exhibit, the default role network-admin permits configuration of NTP, SSH, and TACACS+, while the additional role Custom-Role-B permits configuration of DPVM and includes a deny entry for TACACS+. Cisco documentation for MDS RBAC explains that when a user belongs to multiple roles, the user can execute the combined set of commands permitted by those roles, and importantly, access takes priority over deny when there is a conflict across roles.
Applying that rule here, User A is allowed to configure:
* NTP (config feature ntp) from network-admin
* SSH (config feature ssh) from network-admin
* TACACS+ (config feature tacacs+) from network-admin
* DPVM (config feature dpvm) from Custom-Role-B
The deny for TACACS+ in Custom-Role-B does not remove access because another assigned role already permits it. Options containing hardware or environment are incorrect because those are show permissions, not configuration permissions.

NEW QUESTION: 48
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. priv
C. auth
D. noAuth
Answer: (SHOW ANSWER)

NEW QUESTION: 49
What is the advantage of using the NFS protocol versus the ISCSI or FCoE SAN protocols?
A. NFS is more sensitive to latency.
B. NFS requires an AAA server.
C. NFS provides easy file sharing
D. NFS natively provides encryption as the default
Answer: (SHOW ANSWER)

NEW QUESTION: 50

```
N9K(config)#scheduler job name backup-cfg
N9K(config-job)# copy running-config
tftp://192.168.100.100/$(SWITCHNAME)-cfg.$(TIMESTAMP) vrf management
N9K(config)#scheduler schedule name Backup-CFG
```

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Refer to the exhibit. Which command set must be used to complete the configuration that configures a Cisco Nexus 9000 Series server scheduler to perform the backup of It's configuration every Wednesday at 8:00 am?

```
N9K(config-schedule)# time weekly 4:08:00
N9K(config-schedule)# job name backup-cfg
```

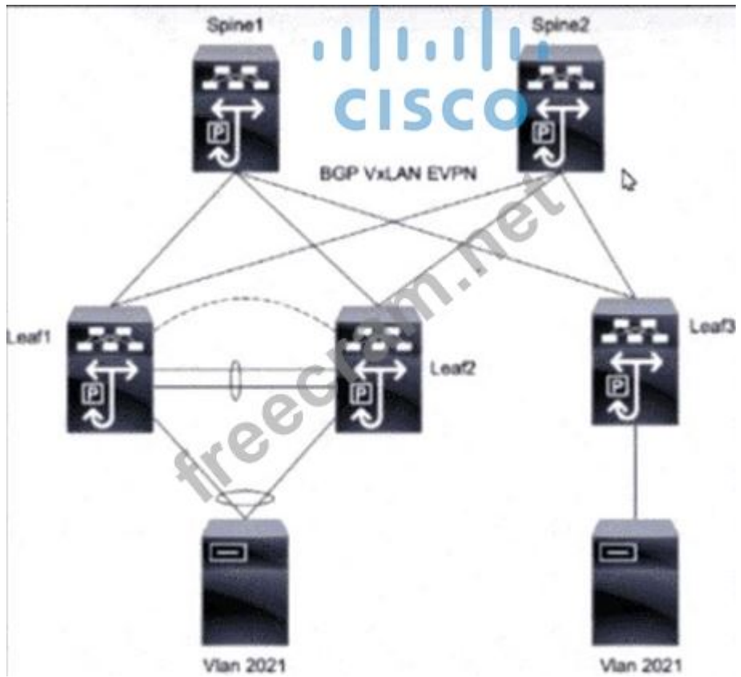
```
N9K(config-schedule)# time weekly 4:08:00
N9K(config-job)# job name Backup-CFG
```

```
N9K(config-schedule)# time weekly Wed:08:00
N9K(config-job)# job name Backup-CFG
```

```
N9K(config-job)# time weekly Wed:08:00
N9K(config-schedule)# job name backup-cfg
```

A. Option D
B. Option A
C. Option B
D. Option C
Answer: (SHOW ANSWER)

NEW QUESTION: 51



Refer to the exhibit Leaf3 is configured using distributed anycast gateway for the server connected using VLAN 2021 Drag and drop the configuration commands from the right onto the boxes in the code to deploy the distributed anycast gateway on Leaf 1 .

```
leaf1 Configuration ;
fabric forwarding [          ] aaaa.bbbb.cccc
vlan 1000
  name TENANT-1
  vn-segment 2022
vlan 1001
  name L2VNI
  vn-segment 2021
vrf context TENANT-1
vni [                        ]
  rd auto
  address-family ipv4 unicast
    route-target both auto
    route-target both auto evpn
interface Vlan 1000
  no shutdown
  vrf member TENANT-1
  ip forward
interface Vlan 1001
  no shutdown
  vrf member TENANT-1
  ip address 192.168.254.1/24 tag 1001
  fabric forwarding mode [                    ]
interface nve1
  no shutdown
  host-reachability protocol bgp
  source-interface loopback0
  member vni 2022 associate-vrf
  member vni [                    ] mcast-group 239.1.1.1
```

2021

2022

anycast-gateway-mac

anycast-gateway

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Answer:



Explanation:
Anycast gateway mac, 2022, anycast gateway, 2021

NEW QUESTION: 52
Refer to the exhibit. An engineer must configure a Fibre Channel device alias named TEST for a device attached to port fc1/9 of a Cisco Nexus Series Switch. Which command set completes the configuration?
A. SITE-A-MDS-Fabric-A# device-alias database SITE-A-MDS-Fabric-A (device-alias-db)# device-alias name TEST pwwn 50:00:14:40:47:b0:0c:f5 SITE-A-MDS-Fabric-A (config-device-alias-db)# device-alias commit
B. SITE-A-MDS-Fabric-A# configure terminal SITE-A-MDS-Fabric-A (config)# device-alias database SITE-A-MDS-Fabric-A (config-device-alias-db)# device-alias name TEST pwwn 50:00:14:42:d0:0c:f5:20 SITE-A-MDS-Fabric-A (config-device-alias-db)# device-alias commit
C. SITE-A-MDS-Fabric-A# configure terminal SITE-A-MDS-Fabric-A (config)# device-alias database SITE-A-MDS-Fabric-A (config-device-alias-db)}# device-alias name TEST pwwn 50:00:14:42:d0:0c:f5:20 SITE-A-MDS-Fabric-A (config-device-alias-db)# exit
D. SITE-A-MDS-Fabric-A# configure terminal SITE-A-MDS-Fabric-A (config)}# device-alias database SITE-A-MDS-Fabric-A (config-device-alias-db)# device-alias name TEST pwwn 50:00:14:40:47:b0:0c:f5 SITE-A-MDS-Fabric-A (config-device-alias-db)# exit
Answer: (SHOW ANSWER)

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NEW QUESTION: 53
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. Add a trusted OAuth token to Cisco Intersight
B. Enable Encryption for LDAP
C. Add a self-signed LDAP certificate to Cisco Intersight.
D. Add a trusted root LDAP certificate to Cisco Intersight
E. Enable Certificate Signing Request in Cisco Intersight.
Answer: (SHOW ANSWER)

NEW QUESTION: 54
A SAN administrator receives reports about latency and response-time issues that impact various applications.
The incidents have gradually increased in frequency and seventy and have reached a critical state Which DCNM configuration set identifies the source of the issues?

- FC Flows
- Interval 24 Hours
- Export/Save

- Events
- Time Now
- Select MDS Switch
- Advanced Filter/Source

- Slow Drain Analysis
- Duration Once/Run Immediately
- Start/Stop Collection
- Current Jobs/Result

- SAN Insights
- Storage Enclosure
- Select Host/Initiator-Target Pair

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

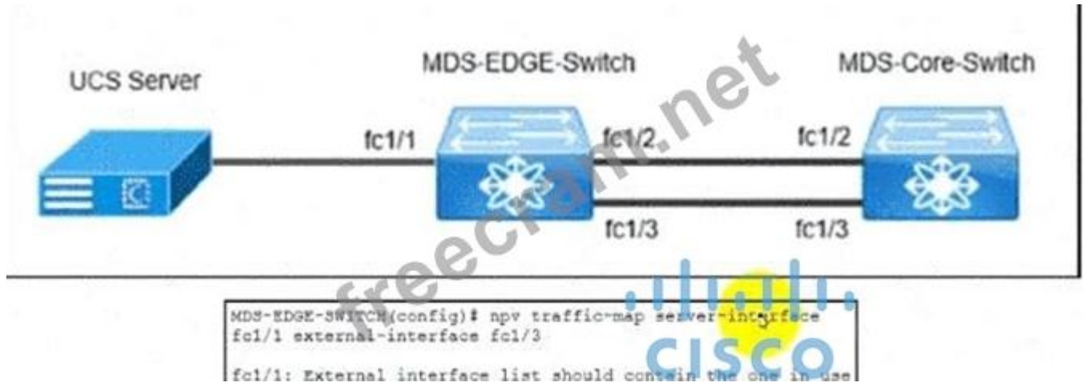
D. Option A
Answer: (SHOW ANSWER)

NEW QUESTION: 55



Refer to the exhibit. A Cisco Nexus Dashboard Fabric Controller (NDFC) manages the LAN network using the interface mgmt0. The management interface of the Nexus Dashboard is Layer 2 adjacent to the mgmt0 interface of the Nexus 9000 Series Switch. Which IP address must be allocated to the mgmt0 interface of the NDFC to manage the LAN network?
A. 192.168.2.1/24
B. 172.18.1.10/24
C. 10.17.10.10/24
D. 10.5.74.10/24
Answer: (SHOW ANSWER)
The correct answer is D. 10.5.74.10/24.
From the exhibit, the ip rule show output includes an entry:
from 10.5.74.144 lookup 1001, which indicates that the management interface (mgmt0) is operating in the
10.5.74.0/24 subnet. This subnet is being used for management-plane communication. Since the question states that the Nexus Dashboard (NDFC) mgmt interface is Layer 2 adjacent to the switch mgmt0, both devices must reside in the same IP subnet to communicate directly without routing.
Therefore, the NDFC management IP must be assigned within the 10.5.74.0/24 network. Among the options, only 10.5.74.10/24 falls within this subnet.
The other options belong to different subnets:
* 192.168.2.0/24 - unrelated private network
* 172.18.1.0/24 - different subnet shown in routing rules
* 10.17.10.0/24 - also unrelated
Because Layer 2 adjacency requires same subnet addressing, selecting an IP within 10.5.74.0/24 ensures proper connectivity, making option D the correct answer.

NEW QUESTION: 56



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

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

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

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

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

Answer: (SHOW ANSWER)

NEW QUESTION: 57

A network engineer must create an EEM script that saves a copy of the running configuration on bootflash and writes a message to syslog when a user saves the configuration to a Cisco Nexus switch.

Which configuration set should be applied to complete this task?

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

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

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

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

A. Option A

B. Option B

C. Option C

D. Option D
Answer: (SHOW ANSWER)

NEW QUESTION: 58
An engineer must implement Strict Unicast Reverse Path
Forwarding mode for IPv4 packets on the Ethernet1/1 interface on the Cisco Nexus 9500 Series Switch.
Which configuration achieves this goal?

A.
```
interface Ethernet1/1
  ip address 172.16.10.1/24
  ip verify unicast source any
```

B.
```
interface Ethernet1/1
  ip address 172.16.10.1/24
  ip verify unicast source reachable-via any
```

C.
```
interface Ethernet1/1
  ip address 172.16.10.1/24
  ip verify unicast source rx
```

D.
```
interface Ethernet1/1
  ip address 172.16.10.1/24
  ip verify unicast source reachable-via rx
```

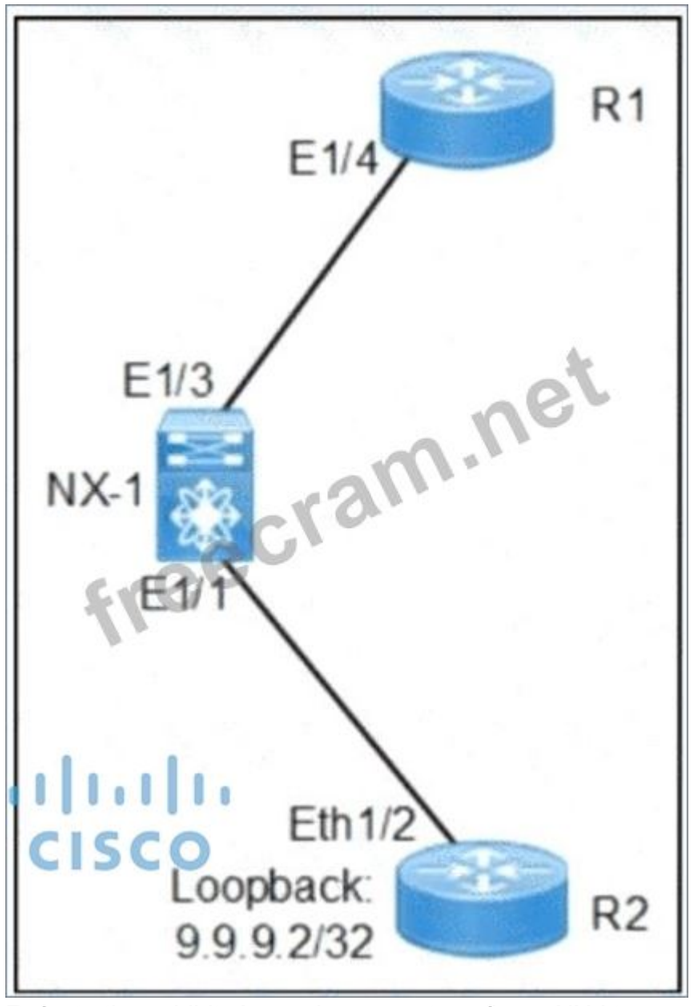
Answer: (SHOW ANSWER)

NEW QUESTION: 59
A network architect must redesign a data center network based on OSPFv2. The network must perform fast reconvergence between directly connected switches. Which two actions must be taken to meet the requirements? (Choose two.)
A. Enable BFD for failure detection 0.
B. Configure an links on AREA 0.
C. Set low OSPF hello and DEAD timers.
D. implement a virtual link between the switches.
E. Use OSPF point-to point links only.
Answer: (SHOW ANSWER)

NEW QUESTION: 60
Which server policy is used to install new Cisco IMC software on a server?
A. Cisco IMC software policy
B. BIOS software policy
C. Host firmware policy
D. Hypervisor firmware policy
Answer: (SHOW ANSWER)

A Cisco IMC software policy specifies and deploys the Cisco Integrated Management Controller software version for the targeted server. It is therefore the policy directly associated with installing new Cisco IMC software. A BIOS software policy concerns the server BIOS rather than the management- controller software. A host firmware policy generally defines firmware packages for server components managed through a service profile, including adapters, BIOS, and storage-controller firmware, but the question specifically asks for the dedicated policy used to install Cisco IMC software. A hypervisor firmware policy relates to hypervisor components or associated infrastructure and does not update the server's embedded management controller. Cisco IMC operates as the out-of-band management controller for a UCS C-Series server, providing management interfaces, monitoring, KVM, virtual media, and platform-control functions.

NEW QUESTION: 61



Refer to the exhibit. An engineer must configure NX-I to accept only packets that exist in the routing table with the 9.9.9.2/32 source IP address and that are reachable via interface Eth 1/1. Which attribute to the ip verify unicast source command is needed to meet these requirements?

A. interface Eth1/2 with allow-default keyword

B. interface Eth1/1 with allow-default keyword

C. interlace Elh1/2 with rx keyword

D. interface Eth1/1 with rx keyword

Answer: (SHOW ANSWER)

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NEW QUESTION: 62
An engineer must back up the Cisco UCS Manager configuration to a remote server. The backup job must meet these requirements:
* The backup must use the TCP protocol and be secure.
* Client identification does not need to be verified before data is transmitted
* The backup must contain the system configuration, including usernames, roles, and locales.
* The operations team requires that the backup file is in a human-readable format.
Which set of configurations should the engineer use?
A. Type: Logical configurationProtocol: SFTP
B. Type: System configurationProtocol: SFTP
C. Type: All configurationProtocol: SCP
D. Type: Full stateProtocol: SCP
Answer: (SHOW ANSWER)

NEW QUESTION: 63
What happens when a Cisco MDS 9000 Series Switch with a single supervisor module is upgraded using a nondisruptive upgrade and the supervisor module reloads?
A. Fibre Channel traffic continues without any interruption.
B. A standby supervisor takes over all control-plane operations.
C. The switch experiences an interruption while the single supervisor reloads.
D. Only the management interface becomes unavailable.
Answer: C (LEAVE A REPLY)
A switch with only one supervisor has no redundant supervisor available to maintain control-plane operation while the active supervisor reloads. Even when the selected upgrade mechanism is described as nondisruptive, the absence of supervisor redundancy means that the switch cannot provide a seamless stateful supervisor switchover. The switch therefore experiences an interruption during the reload. Option B is impossible because the platform has no standby supervisor. Option A incorrectly assumes that the nondisruptive upgrade designation overrides the physical redundancy requirement. Although some line-card forwarding behavior can vary by platform and upgrade path, a single- supervisor reload cannot provide the same continuity as a dual-supervisor system. The effect is also broader than merely losing the management interface because the only supervisor is responsible for essential system control functions. Redundant supervisors are required for fully nondisruptive supervisor switchover behavior.

NEW QUESTION: 64
Which feature of the Cisco Nexus Dashboard Insights uses Duo to reduce the risk of static passwords?
A. air-gap support
B. cloud-site onboarding
C. single sign-on
D. multifactor authentication
Answer: (SHOW ANSWER)

NEW QUESTION: 65
An engineer must recover the Cisco UCS system. The full backup is available on a backup SCP server. Which set of actions recovers the configuration of the Cisco UCS Manager?
A. Copy the backup file to a USB drive. Copy the running-config.
B. Create an import-config task Set the action to Replace.
C. Create a scheduled restore job. Reboot the UCS Manager.
D. Factory reset the fabric interconnect. Select the Restore feature.
Answer: (SHOW ANSWER)

NEW QUESTION: 66
Which API standard is used to manage the UCS-X in Intersight Managed Mode?
A. Blowfish
B. WebRTC
C. Redfish
D. XML
Answer: (SHOW ANSWER)

NEW QUESTION: 67
A Cisco UCS Manager must be configured with four RADIUS servers. Which action permits Cisco UCS Manager to use RADIUS authentication from all four RADIUS servers before login?
A. Add four RADIUS servers under four authentication domains and a single provider group under four authentication domains.
B. Add four provider groups under four RADIUS servers and four authentication domains under four provider groups.
C. Add four RADIUS servers under a single provider group and a single provider group under a single authentication domain.
D. Add four RADIUS servers under a single authentication domain and a single authentication domain under single provider group.
Answer: C (LEAVE A REPLY)
The correct answer is C. In Cisco UCS Manager AAA configuration, external authentication is built hierarchically. First, individual RADIUS servers are defined. Those servers are then placed into a provider group, and that provider group is referenced by an authentication domain. When a user logs in, UCS Manager consults the configured authentication domain and then tries the RADIUS servers that belong to the associated provider group. To use all four RADIUS servers for authentication, the proper design is to place the four servers into one provider group and then attach that provider group to one authentication domain.
This structure allows Cisco UCS Manager to try the RADIUS servers in the provider group according to AAA behavior before falling back or failing authentication. The other answers reverse the hierarchy or misuse the object relationships. Authentication domains do not contain multiple independent provider groups in the way described by options A and B, and RADIUS servers are not placed directly under an authentication domain as suggested in D.
Therefore, the correct configuration is four RADIUS servers in one provider group, with that single provider group assigned to one authentication domain.

NEW QUESTION: 68
Based on this output, which storage protocol is used?

```
N9K# show interface vfc 1011
    vfc1011 is trunking
    Bound interface is Ethernet100/1/1
    Hardware is Ethernet
    Port WWN is 20:48:8c:96060:6f:0d:6e:99
    Admin port mode is F, trunk mode is on
    snmp link state traps are enabled
    Port mode is TF
    Port vsan is 11
    Trunk vsans (admin allowed and active) (11)
    Trunk vsans (up) (11)
    Trunk vsans (isolated) ()
    Trunk vsans (initializing) ()
    <... output omitted ...>
```

A. FCoE
B. SMB
C. NFSv4
D. iSCSI
Answer: (SHOW ANSWER)

NEW QUESTION: 69
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:el: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:el: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:el: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 anycast address
B. IPv4 gateway address
C. IPv4 unicast address
D. IPv4 multicast address
Answer: (SHOW ANSWER)

NEW QUESTION: 70
An engineer needs a utility that translates traditional Cisco Nexus CLI commands and generates code using XML and JSON message formats. The utility must be available on a Cisco Nexus 7700 Series Switch. Which utility must be used?
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A. NX-OS JSON-RPC
B. NX-API Sandbox
C. Guest Shell for NX-OS
D. Open NX-OS
Answer: (SHOW ANSWER)
NX-API Sandbox is an interactive development utility that allows an administrator to enter familiar NX-OS CLI commands and view the corresponding API request and response structures. It can generate example code and display message formats such as XML and JSON, making it appropriate for translating traditional CLI operations into programmatic requests. JSON-RPC is an API message protocol, not the interactive translation and code-generation utility requested. Guest Shell supplies a Linux container in which scripts and tools can run, but it does not itself translate CLI commands into XML or JSON requests. Open NX-OS describes the broader programmability architecture and open interfaces available in NX-OS rather than a specific translation utility. Therefore, NX-API Sandbox is the tool that directly satisfies both the CLI translation and code-generation requirements on the Nexus platform.

NEW QUESTION: 71
How does UCS-X achieve high availability for management components?
A. with multiple UCS Directors
B. by using redundant UCS Managers
C. by deploying multiple Intersight instances
D. through dual fabric interconnects
Answer: (SHOW ANSWER)
The correct answer is D. through dual fabric interconnects.
Cisco UCS X-Series achieves management high availability by using a pair of Fabric Interconnects (FIs), which provide redundant connectivity and management-plane resiliency for the chassis and its components. In UCS architecture, the fabric interconnects are the central control and management point for the compute domain, so deploying them as a redundant pair ensures that management access and infrastructure communication continue if one FI fails.
Option A is incorrect because UCS Director is an orchestration platform, not the native HA mechanism for UCS-X management components. Option B is incorrect because UCS Manager is associated with classic UCS domains and is not described as separate redundant manager instances in this context. Option C is also incorrect because Cisco Intersight is a SaaS or appliance-based management platform, but UCS-X high availability at the domain level is not achieved by running multiple Intersight instances.
The actual device-level resiliency for management in UCS-X comes from the redundant fabric interconnect design, which protects management and connectivity paths for the chassis, I/O, and compute resources.
Therefore, dual fabric interconnects are the correct answer.

NEW QUESTION: 72

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.

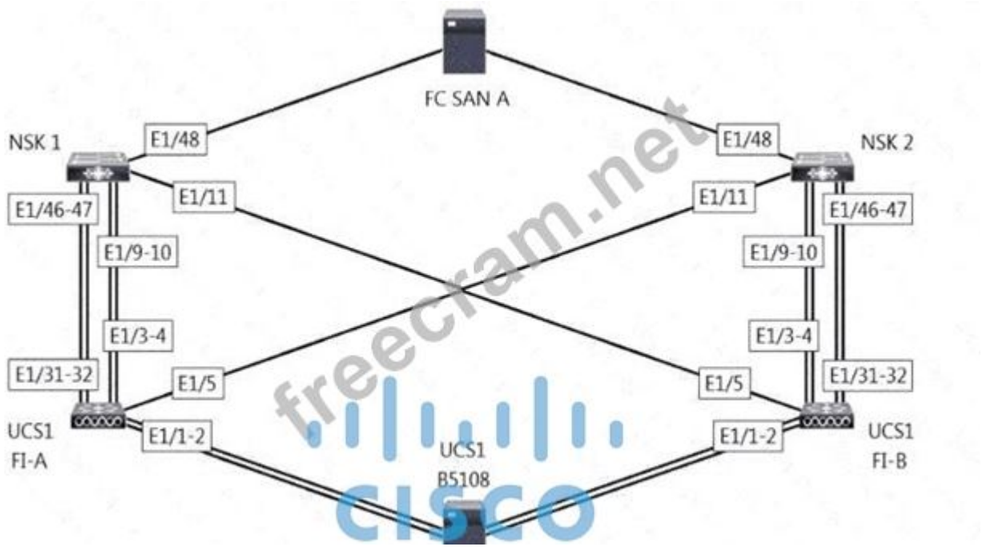
C. Assign users to a specific Cisco UCS locate.

D. Assign the user "Employee 1" the network-operator role.

Answer: (SHOW ANSWER)

NEW QUESTION: 73

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 storage

D. FCoE uplink

Answer: (SHOW ANSWER)

NEW QUESTION: 74

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. NX-API

B. Ansible

C. POAP

D. DHCP

Answer: (SHOW ANSWER)

NEW QUESTION: 75
Which solution provides remote and direct file-level access to users and systems?
A. direct-attached storage
B. storage area network
C. Fibre Channel over Ethernet
D. network-attached storage
Answer: (SHOW ANSWER)

NEW QUESTION: 76
A network engineer needs to configure system logging on the Cisco MDS Series 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?
A.
```
MDS-A(config)# logging console 5
MDS-A(config-console)# exec-timeout 300
```
B.
```
MDS-A(config)# console
MDS-A(config-console)# speed 38400
MDS-A(config-console)# session-limit 5
MDS-A(config)# logging console 5
```
C.
```
MDS-A(config)# line console
MDS-A(config-console)# speed 38400
MDS-A(config-console)# exec-timeout 5
MDS-A(config)# logging console 4
```
D.
```
MDS-A(config)# logging line 4
MDS-A(config-console)# session-limit 300
```
Answer: (SHOW ANSWER)

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NEW QUESTION: 77

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

A. [guestshell@guestshell -]$ ping 173.37.145.84 vrf management

B. [guestshell@guestshell -]$ chvrf management ping 173.37.145.84

C. [guestshell@guestshell -]$ iping vrf management Ip 173.37.145.84

D. [guestshell@guestshell -]$ dohost "ping vrf management 173.37.145.84"

Answer: (SHOW ANSWER)

NEW QUESTION: 78

The table below lists the roles supported by Cisco DCNM:

Role	Description
global-admin	Introduced in Cisco Nexus 5000 series switches and FCoE, a role to administrate LAN and SAN features.
network-admin	General role to administrate LAN features.
lan-network-admin	General role to administrate LAN features.
san-network-admin	General role to administrate SAN features.
san-admin	Introduced in Cisco Nexus 5000 series switches and FCoE, a role to administrate SAN features.
server-admin	Introduced in the FlexAttach feature, a role that administrates FC server host feature.
sme-admin	Introduced in the Storage Media Encryption (SME) feature, a role that administrates SME feature.
sme-stg-admin	Introduced in the Storage Media Encryption (SME) feature, a role that administrates SME storage.
sme-kmc-admin	Introduced in the Storage Media Encryption (SME) feature, a role that administrates SME Key Management.
sme-recovery	Introduced in the Storage Media Encryption (SME) feature, a role that administrates SME recovery.
network-operator	General network operator role.
device-upg-admin	This role is added to perform operations only in Image Management window.

Table 2: DCNM Roles and Perspectives Mapping Table

Role	Perspective
global-admin	Admin Perspective
network-admin	
san-admin	
san-network-admin	
lan-network-admin (Web Client)	
server-admin	Server Admin Perspective
sme-admin	SME Perspective
sme-sgt-admin	
sme-kmc-admin	
sme-recovery	
network-operator	Operator Perspective
lan-network-admin (SAN Client)	
access-admin	
device-upg-admin	

Refer to the exhibit. An engineer is configuring Cisco Data Center Network Manager to automate the provisioning of Cisco Nexus 9000 Series Switches. The engineer must configure user access for network engineers to permit device operations in Interface Manager. The solution must hide Admin and Config Menu items in Interface Manager Which two roles must be assigned to the network engineers to meet these requirements? (Choose two.)

A. network-admin
B. San-admin
C. global-admin
D. network-operator
E. access-admin
Answer: (SHOW ANSWER)

NEW QUESTION: 79
Which NFS version uses the TCP protocol and needs only one IP port to run the service?
A. NFSv3
B. NFSv2
C. NFSv4
D. NFSv1
Answer: (SHOW ANSWER)

NEW QUESTION: 80



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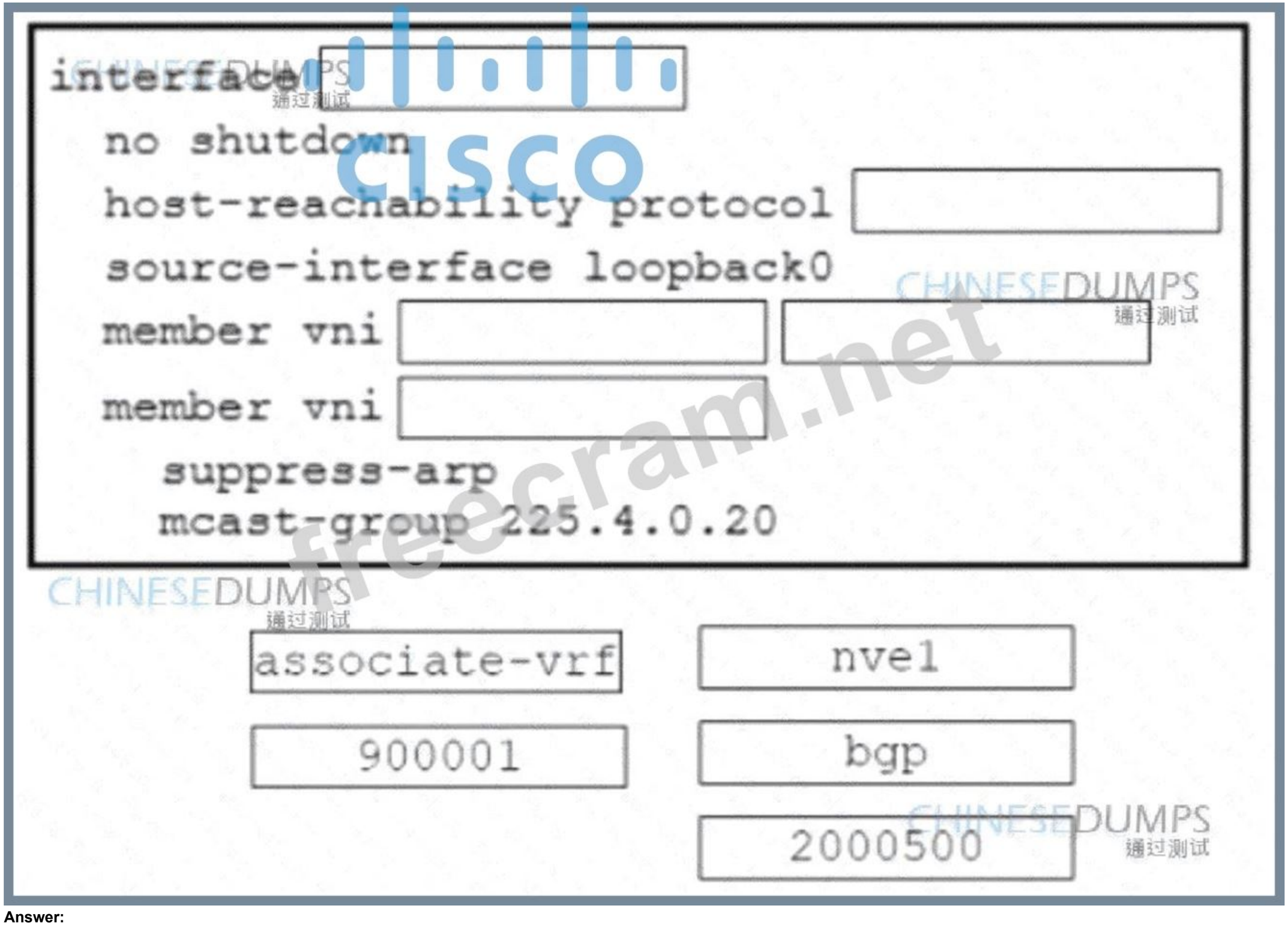
Refer to the exhibit. Users report SAN traffic packet loss on a blade server that is managed by using Cisco UCS Manager. An engineer must implement a SPAN feature to an external Fibre Channel analyzer. Which configuration source in the TEST monitoring session must the engineer select?

A. all the storage ports
B. all the virtual host bus adapters from the server
C. all the uplink Fibre Channel ports
D. all the VSANs from the server
Answer: (SHOW ANSWER)

NEW QUESTION: 81
A customer deploys a media server to distribute streaming videos to network clients. The requirement is to allow the video feed to reach only requesting clients. The shared trees must not propagate the video feed if no clients from that tree request it. To reduce configuration touchpoints, the solution must support the automatic discovery and announcement of RP-set information. Each router in the network is responsible for selecting the RP. Which configuration set meets these requirements?

A. router(config-if}# ip pim sparse mode router(config)# ip pim bsr-candidate Lo0 router(config)}# ip pim rp-candidate Lo0
B. router(config-if}# ip pim bidir-enable router(config}# ip pim ssm default router(config}# ip igmp version 3
C. router(config-if}# ip pim dense-mode router(config)# ip pim rp-address 1.1.1.1 router(config}# ip pim rp listener
D. router(config-if)# ip pim sparse-sense mode router(config}# ip pim auto-rp router(config)# ip pim send- rp-announce
Answer: (SHOW ANSWER)

NEW QUESTION: 82
Refer to the exhibit. An engineer must add a new VRF to an existing VXLAN environment. The VRF and interface VLAN have already been configured. The deployment is configured with these parameters:
* OSPF is used as the underlay.
* BGP is used as the overlay.
* The network virtual interface ID is 1.
* The VXLAN network identifier must include the VLAN number.
Drag and drop the configuration snippets from the bottom to complete the VXLAN configuration.


interface
no shutdown
host-reachability protocol
source-interface loopback0
member vni
member vni
suppress-arp
mcast-group 225.4.0.20
associate-vrf
900001
nve1
bgp
2000500

Answer:

```
interface nve1
  no shutdown
  host-reachability protocol bgp
  source-interface loopback0
  member vni 900001 associate-vrf
  member vni 2000500
    suppress-arp
    mcast-group 225.4.0.20
```

associate-vrf

900001

nve1

bgp

2000500

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NEW QUESTION: 83
Which virtualization feature is provided by network-attached storage?
A. ALUA path redirection
B. raw device passthrough
C. hypervisor host boot LUN
D. VM cluster shared disk
Answer: (SHOW ANSWER)

NEW QUESTION: 84
A QoS policy on Cisco UCS must meet mese requirements:
* No-drop class must be configured
* Jumbo frames must be enabled without fragmentation.
Which configuration must be implemented to meet mese conditions?
A. Configure slow-drain timers and specify an MTU value of 9100 bytes.
B. Configure Platinum System class and specify an MTU value of 9100 bytes.
C. Create a Flow Control Policy and specify an MTU value of 9000 bytes.
D. Create a QoS system class and specify an MTU value of 9216 bytes.
Answer: (SHOW ANSWER)

NEW QUESTION: 85
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")
```

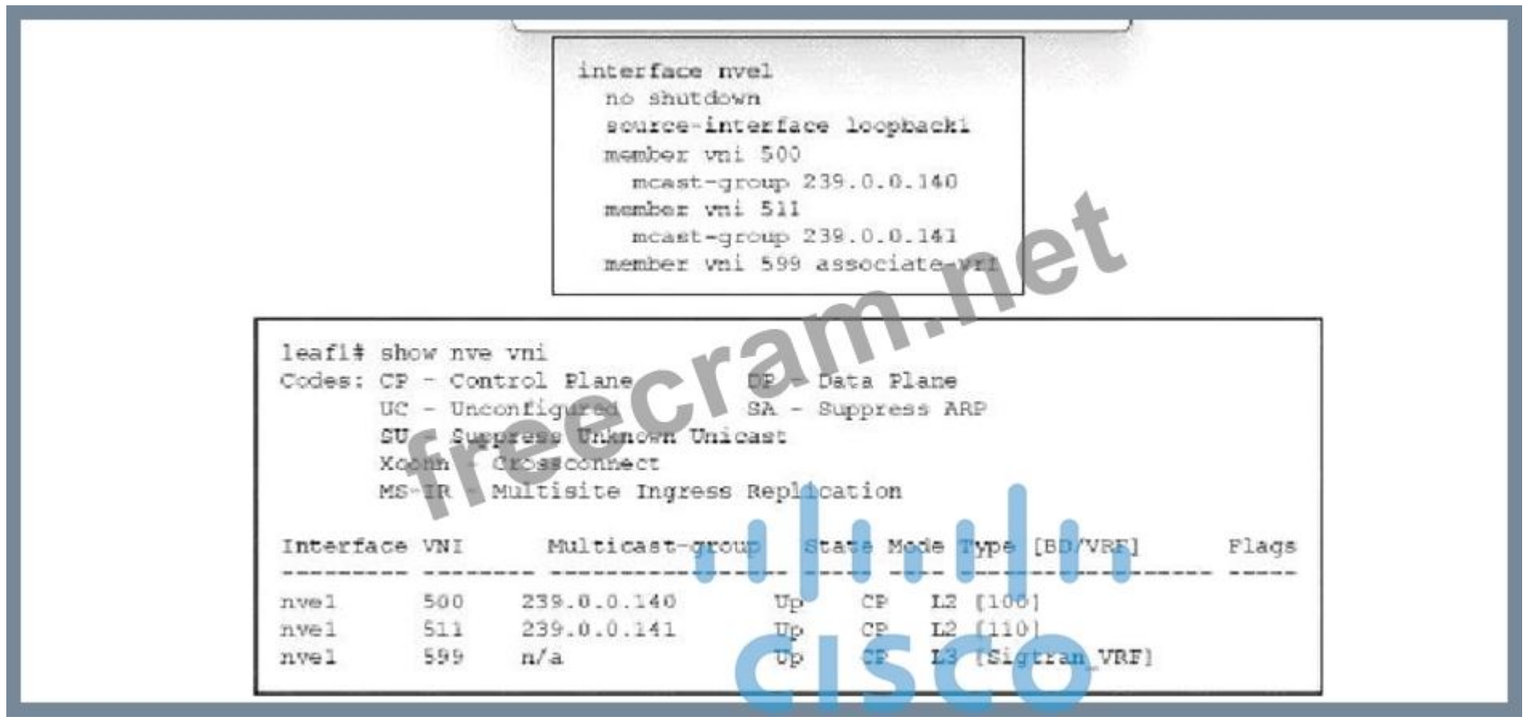
A. Option A
B. Option B
C. Option D
D. Option C
Answer: (SHOW ANSWER)

NEW QUESTION: 86
An engineer must implement an automation solution to allow the backup of the configuration of Cisco Nexus Series Switches to a centralized location. The solution must:
*Support the team-developed custom monitoring scripts that are packaged using RPM packaging that the framework must support
*Be decoupled from the underlying Cisco Nexus operating system.
*Have no impact on the operating system of the underlying switch if the resource contention occurs. *Use Python to expand the existing automation framework Which solution meets these requirements"
Guest Shell
A. TCL Shell
B. Vegas Shell
C. Bash Shell
Answer: (SHOW ANSWER)

NEW QUESTION: 87
Which action does Cisco UCS Manager perform during the firmware Auto-Install process?
A. It checks compatibility with third-party software.
B. It upgrades firmware and reboots necessary components.
C. It downloads new firmware versions automatically.
D. It sends email notifications to administrators.
Answer: (SHOW ANSWER)

NEW QUESTION: 88
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 authenticator 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?
user naed
A.
```
aaa authentication login chap enable
radius distribute
radius commit
```
B.
```
aaa authentication login mschap enable
radius commit
radius-server host 10.8.8.0
```
C.
```
aaa authentication login mschapv2 enable
radius propagate
radius authentication port 1821
```
D.
```
aaa authentication login pap enable
distribute radius
radius-server host 10.8.8.0 auth-port 1821
```
Answer: (SHOW ANSWER)

NEW QUESTION: 89
Refer to the exhibit. Which command must be used to configure a VXLAN NVE tunnel interface such that MAC and IP address information are learned in the control plane?

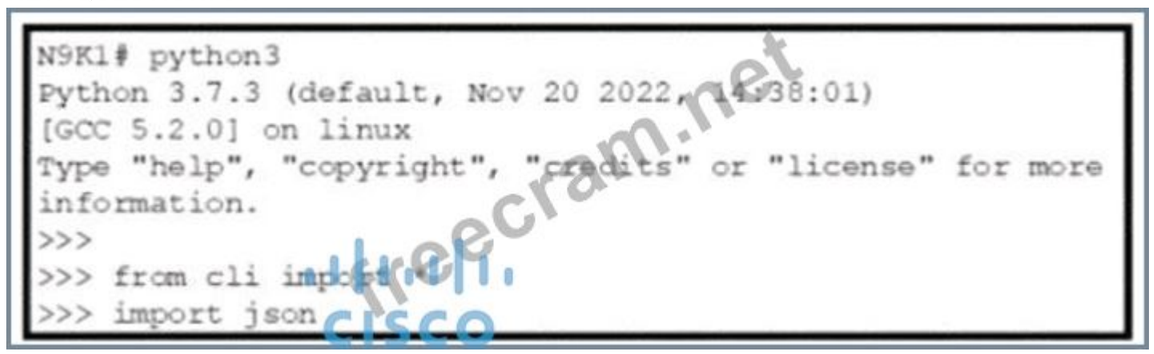


A. ingress-replication protocol bgp
B. host-reachability protocol bgp
C. host-reachability protocol static
D. ingress-replication protocol static
Answer: (SHOW ANSWER)
The correct answer is B. host-reachability protocol bgp.
In Cisco VXLAN EVPN deployments on Nexus 9000 switches, the mechanism used to ensure that MAC and IP address information is learned via the control plane is the host reachability protocol using BGP EVPN.
When the command host-reachability protocol bgp is configured under the NVE interface, the switch leverages MP-BGP EVPN to advertise and learn endpoint information such as MAC addresses and associated IP addresses. This enables control-plane learning, eliminating the need for data-plane flooding.
The exhibit shows the NVE interface with multicast groups configured, but the requirement explicitly asks for control-plane learning, which is only achieved with BGP EVPN.
Option A (ingress-replication protocol bgp) relates to how BUM (Broadcast, Unknown unicast, Multicast) traffic is replicated, not how MAC/IP learning occurs. Options C and D refer to static methods, which do not provide dynamic control-plane learning.
Therefore, to enable EVPN-based control-plane learning of MAC and IP addresses, the required command is host-reachability protocol bgp, making option B correct.

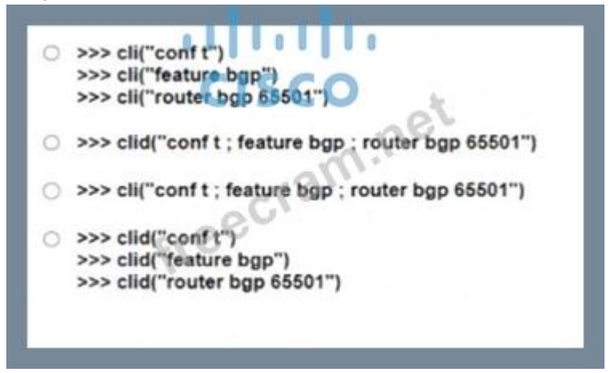
NEW QUESTION: 90
Which package type must be installed to provide enhanced hardware functionality on a Cisco Nexus 9000 Series Switch?
A. Software Maintenance Upgrade package
B. Electronic Programmable Logic Device package
C. Cisco NX-OS package
D. Kickstart image
Answer: (SHOW ANSWER)

An Electronic Programmable Logic Device package updates programmable hardware components such as field-programmable gate arrays and other logic devices installed in the switch. Cisco provides EPLD updates to enhance hardware functionality or correct known hardware-related problems. These packages are distinct from traditional Cisco NX-OS software releases. An SMU package delivers a targeted software correction for a particular NX-OS defect and generally does not reprogram hardware logic. A Cisco NX-OS image upgrades the switch operating system and its software features.
A kickstart image is associated with the boot process on older Nexus platforms and is not the package used to enhance programmable hardware functionality. Cisco's Nexus upgrade documentation expressly identifies EPLD image upgrades as the mechanism for enhancing hardware functionality or resolving known hardware issues. Therefore, the EPLD package is the required package type. Cisco Nexus upgrade guidance

NEW QUESTION: 91



Refer to the exhibit A network engineer must use a Cisco on-box Python CLI to configure the BGP AS 65501 on Cisco Nexus 9000 Series Switch The output from the command must be returned as raw output instead of JSON format Which command set must be used to complete the configuration?



A. Option B
B. Option D
C. Option A
D. Option C
Answer: (SHOW ANSWER)

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NEW QUESTION: 92

```
vsan database
vsan 200 name "FCoE"

vlan 10
fcoe vsan 200
name fCoE

interface e1/12
switchport mode trunk
switchport trunk native vlan 10
switchport trunk allow vlan 1,10
spanning-tree port type edge trunk

interface vfc 10
bind interface ethernet1/12
switchport trunk allowed vsan 200

vsan database
vsan 200 name "FCoE"
vsan 200 interface vfc 10

vfc10 is trunking
    Bound interface is Ethernet1/12
    Hardware is Ethernet
    Port WWN is 20:09:00:de:fb:85:2e:7f
    Admin port mode is F, trunk mode is on
    snmp link state traps are enabled
    Port mode is TF
    Port vsan is 1
    Trunk vsans (admin allowed and active)  (200)
    Trunk vsans (up)                        ()
    Trunk vsans (isolated)                  ()
    Trunk vsans (initializing)              (200)
```

Refer to the exhibit. An FCoE-attached storage connects to a Cisco Nexus 9000 Series Switch on interface ethernet1/12. After the configuration was performed. VSAN 200 failed to activate on the vfc interface. Which configuration action must be performed to bring up VSAN 200?

A. Bind VSAN 200 on interface ethernet1/12.

B. Configure interface vfc 10 as a node port.

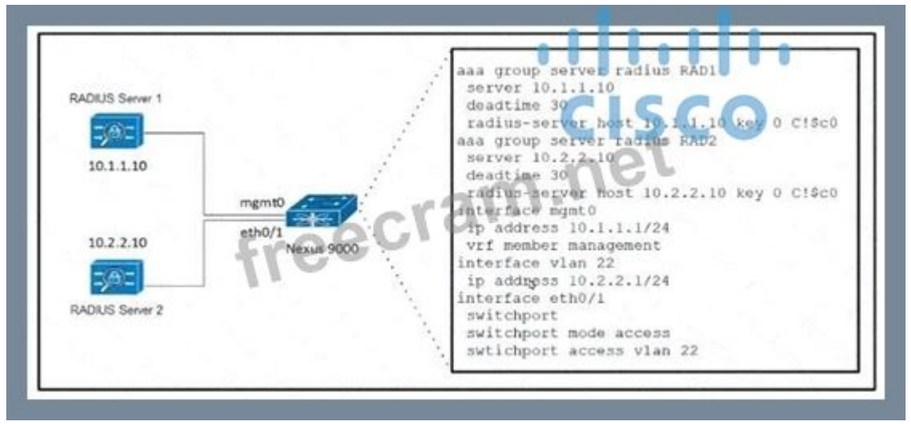
C. Change the native VLAN on the trunk port.

D. Trunk the FCoE VLAN on interface vfc 10.

Answer: (SHOW ANSWER)

NEW QUESTION: 93
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. script signed with security key
C. DHCP server to bootstrap IP information
D. POAP feature license
E. TFTP server that contains the configuration script
Answer: (SHOW ANSWER)

NEW QUESTION: 94
Refer to the exhibit.

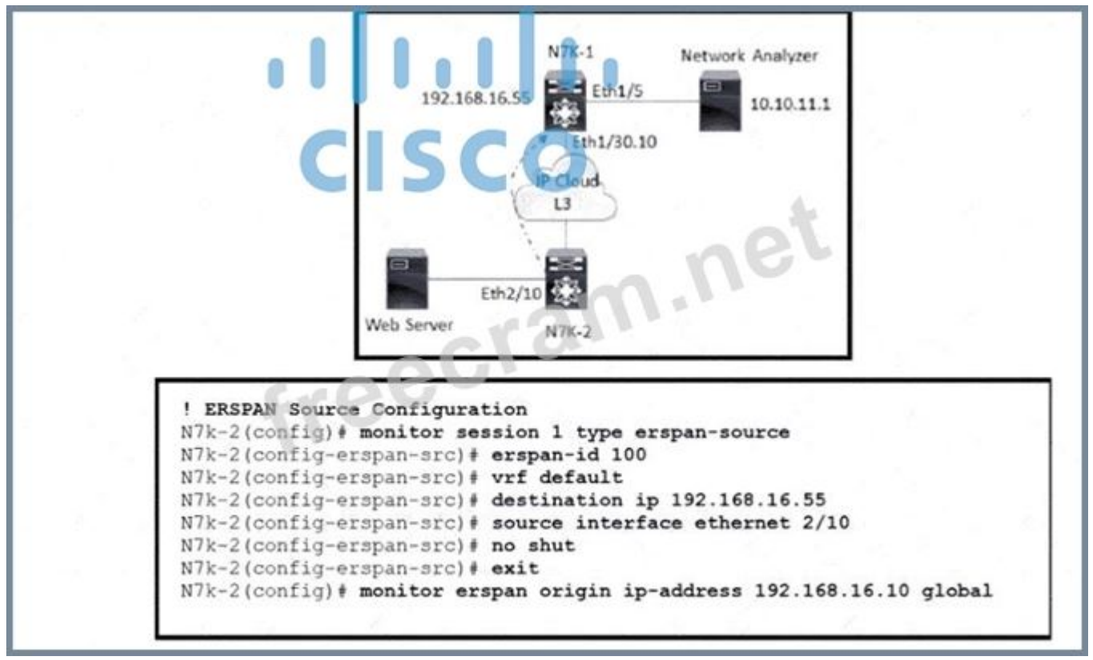


A user must be granted management access to a Cisco Nexus 9000 Series Switch through two RADIUS server groups. RADIUS server 1 must authenticate console logins, and RADIUS server 2 must authenticate SSH logins. Both servers accept requests only from the Layer 2 subnet connected to the switch. Which two actions meet these requirements? (Choose two.)
A. Enable command authorization through RAD1 and RAD2 for every successful login.
B. Change the dead timer for RAD1 and RAD2 to one minute.
C. Set the RADIUS source interface to mgmt0 for group RAD1 and VLAN 22 for group RAD2.
D. Configure authentication login to use group RAD1 for console access and group RAD2 for remote access.
Answer: (SHOW ANSWER)
The two RADIUS servers are reached through different Layer 2 and routing contexts. RAD1 is reachable through the management interface, while RAD2 is reachable through VLAN 22. Configuring the correct source interface for each RADIUS server group ensures that authentication requests originate from an IP address belonging to the subnet that the corresponding server permits. Separate AAA login method lists must then associate console authentication with RAD1 and remote SSH authentication with RAD2. Command authorization controls whether authenticated users may execute particular commands; it does not determine which server authenticates console or SSH access.
Changing the dead timer only alters how long an unresponsive server is avoided and does not meet either authentication-selection requirement. Therefore, both the per-group source-interface configuration and the service-specific AAA authentication method lists are required.

NEW QUESTION: 95
A network engineer must restore the running configuration on a Cisco Nexus 90O0 Series Switch to an existing snapshot called " stable1. The restore procedure should proceed only if no errors occur. Which configuration should be used to accomplish this goal?

A. rollback running-config checkpoint stable1 best-effort
B. rollback checkpoint stable1 best-effort running -config best-effort
C. rollback running-config checkpoint stable1 atomic
D. rollback checkpoint stable1 best-effort running-config atomic
Answer: (SHOW ANSWER)

NEW QUESTION: 96



Refer to the exhibit. An engineer is implementing an ERSPAN configuration to mirror web server traffic connected to N7K-2. Which ERSPAN configuration must be applied on N7K-1 to forward traffic to the network analyzer?

monitor session 1 type erspan-destination
source vlan 10
destination interface ethernet 1/5
erspan-id 100
vrf default
no shut

monitor session 1 type erspan-destination
source ip 192.168.16.55
destination interface ethernet 1/5
erspan-id 100
vrf default
no shut

monitor session 1 type erspan-destination
source interface ethernet 1/30
destination ip 10.10.11.1
erspan-id 100
vrf default
no shut

monitor session 1 type erspan-destination
source interface ethernet 1/30.10
destination interface ethernet 1/30
erspan-id 100
vrf default

A. Option B

B. Option D
C. Option C
D. Option A
Answer: (SHOW ANSWER)

NEW QUESTION: 97
What is an advantage of NAS compared to SAN?
A. It provides lossless throughput.
B. It offers enhanced security features
C. It offers enhanced NFS features.
D. It functions in an existing IP environment.
Answer: (SHOW ANSWER)

NEW QUESTION: 98
What happens when the install all epid bootflash:m9000-pkg2-9.2.2.epid module all fan-module all bar all command is run on the Cisco MDS 9000 Series Director Switch?
A. The switching module starts a rolling update
B. The active supervisor updates first
C. Fan modules power cycle
D. Each module updates and power cycles
Answer: (SHOW ANSWER)

NEW QUESTION: 99
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 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-applet)# environment mailserver "10.10.10.10"
D. n9k2(config)# event manager environment mailserver "10.10.10.10"
Answer: (SHOW ANSWER)

NEW QUESTION: 100


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Refer to the exhibit. Which configuration must be applied for a network-admin account to have the same set of assigned roles and privileges in all UCS domain organizations?

A. Change the configured user role to admin.

B. Add the root organization to the prod locale.

C. Uncheck dev locale from the user account.

D. Assign the operations role to the configured user.

Answer: (SHOW ANSWER)

The correct answer is B. In Cisco UCS Manager, a user's effective access is determined by the combination of role and locale. The role defines what the user is allowed to do, while the locale defines where in the organizational hierarchy those permissions apply. Cisco UCS organizations are hierarchical, with root at the top. When a locale includes the root organization, the permissions associated with the user's role extend throughout the organizational tree beneath root, which provides consistent access across all UCS domain organizations.

That is why adding root to the relevant locale is the correct action to ensure the network-admin account has the same privileges everywhere. Changing the role to admin is unnecessary and would grant broader privileges than required. Removing the dev locale would reduce scope, not standardize access across all organizations. Assigning the operations role changes the privilege set rather than extending the existing network-admin permissions consistently.

So the required fix is not to change the role, but to make the locale apply at the root level, which is exactly what option B accomplishes.

NEW QUESTION: 101

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

A. Enable option 67. Define TFTP transfer protocol

B. Enable option 43 Define HTTP transfer protocol.

C. Enable option 35. Define HTTP transfer protocol.

D. Enable option 46. Define TFTP transfer protocol

Answer: (SHOW ANSWER)

NEW QUESTION: 102



Refer to the exhibit. Which Cisco MDS 9700 Series Switch module EPLDs are upgraded?

A. PSU

B. fabric

C. standby supervisor

D. fan

Answer: (SHOW ANSWER)

The correct answer is C. standby supervisor.

From the exhibit, the command output clearly shows:

Module 6 SUP Yes disruptive Module Upgradable and later confirms:

Module 6 EPLD upgrade is successful and 6 SUP Success.

This indicates that the EPLD upgrade was performed on a Supervisor (SUP) module, specifically module 6. In Cisco MDS 9700 architecture, supervisor modules operate in a redundant pair (active and standby). When EPLD upgrades are performed, Cisco best practice and system behavior typically upgrade the standby supervisor first, because it allows the system to maintain control-plane continuity and minimizes disruption.

The output does not mention PSU, fan, or fabric modules, eliminating options A, B, and D. The explicit reference to SUP confirms that the upgrade applies to a supervisor module.

Thus, based on the module type shown in the output and standard Cisco upgrade behavior, the EPLD upgrade is applied to the standby supervisor, making C the correct answer.

NEW QUESTION: 103

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

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

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

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

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

A. Option B
B. Option C
C. Option A
D. Option D
Answer: D (LEAVE A REPLY)

NEW QUESTION: 104
An engineer is configuring a traffic-monitoring session on a Cisco Unified Computing System to analyze Fibre Channel over Ethernet traffic for performance tuning. The session must monitor traffic from a VSAN associated with the vHBA of a service profile. Which set of actions accomplishes this goal?
A. Configure the Fibre Channel port associated with the vHBA as the SPAN source, use an Ethernet uplink port as the destination, and filter for native FCoE traffic.
B. Configure an Ethernet port channel as the SPAN source, use the vNIC of a service profile as the destination, and select encapsulated FCoE as the traffic type.
C. Configure the vHBA as the SPAN source, use a Fibre Channel uplink port as the destination, and select FCoE control packets as the traffic type.
D. Designate the VSAN as the SPAN source, configure an unconfigured physical Ethernet port as the destination, and activate the monitoring session for all traffic.
Answer: (SHOW ANSWER)
To monitor FCoE traffic associated with a vHBA, the corresponding VSAN should be selected as the traffic-monitoring source. This captures the relevant storage traffic without incorrectly selecting a vNIC, Ethernet port channel, or individual Fibre Channel uplink. Cisco UCS requires a dedicated, unconfigured physical Ethernet port as the monitoring destination so that copied frames can be delivered to an external analyzer. The session must also be enabled after defining its source and destination. Option A incorrectly uses a Fibre Channel port as the source and an active uplink as the destination. Option B uses Ethernet and vNIC components that do not represent the required VSAN traffic. Option C reverses the source and destination roles and attempts to send monitored traffic to an FC uplink, which is not the correct destination for an external Ethernet analyzer.

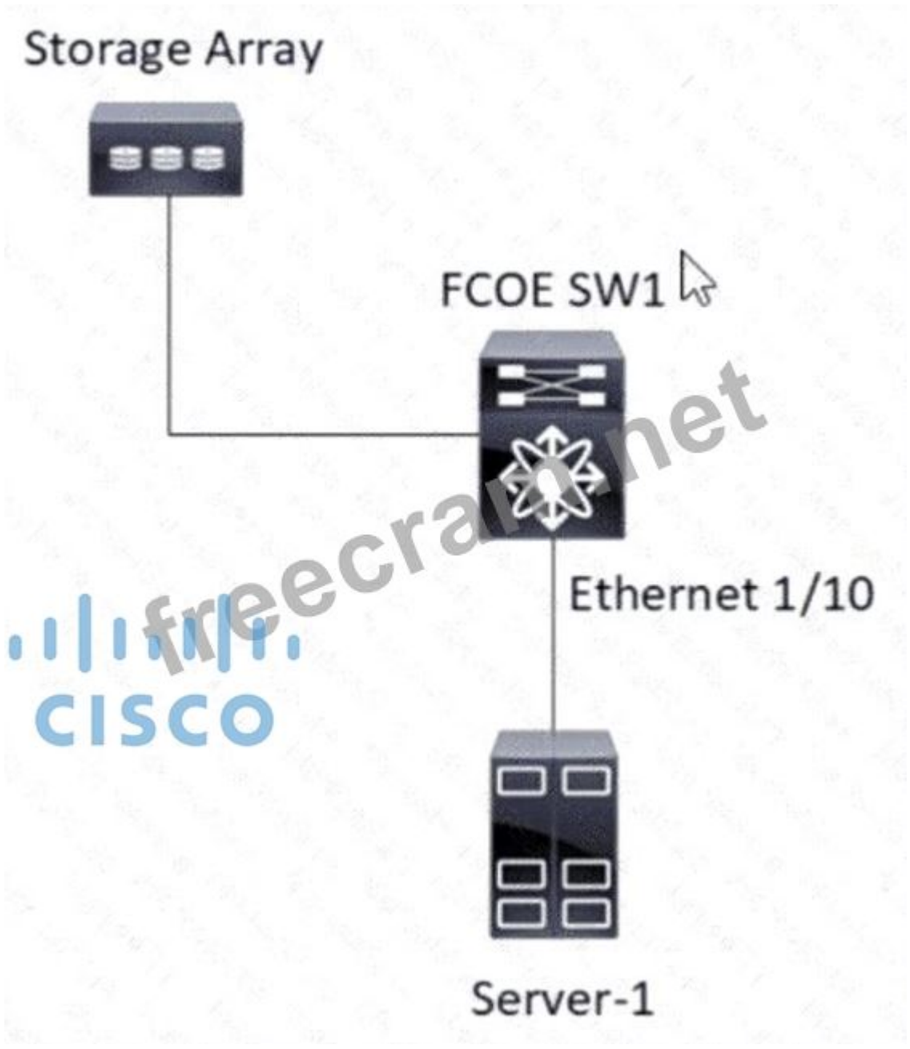
NEW QUESTION: 105
A customer reports Fibre Channel login requests from unauthorized sources to a Cisco MDS 9000 Series Switch. The customer requires a feature that permits devices already logged in and learned by the switch to be added automatically to the Fibre Channel active database. Which two features must be enabled? (Choose two.)
A. Auto-learning
B. Port security
C. Enhanced zoning

D. Device aliases
Answer: (SHOW ANSWER)
Fibre Channel port security restricts access by validating device identities, such as pWWNs and nWWNs, against the port-security database. Auto-learning works with port security to capture devices that are already successfully logged in and dynamically add their identities to the active port-security database. This establishes a trusted baseline without requiring the administrator to enter every existing device manually. After the valid devices are learned, auto-learning can be disabled and the database activated or enforced so that subsequent login attempts from unauthorized identities are rejected.
Enhanced zoning controls permitted communication between members of Fibre Channel zones, but it does not automatically populate the port-security database from logged-in devices. Device aliases provide readable names for Fibre Channel identifiers and simplify configuration; they do not authenticate logins or learn trusted devices for port-security enforcement. Therefore, both auto- learning and port security are required.

NEW QUESTION: 106
What is an advantage of using Network File System (NFS) rather than Storage Area Network (SAN)?
A. NFS supports booting the operating system.
B. NFS allows direct file access.
C. NFS supports more types of file systems.
D. NFS has lower latency than SAN.
Answer: (SHOW ANSWER)

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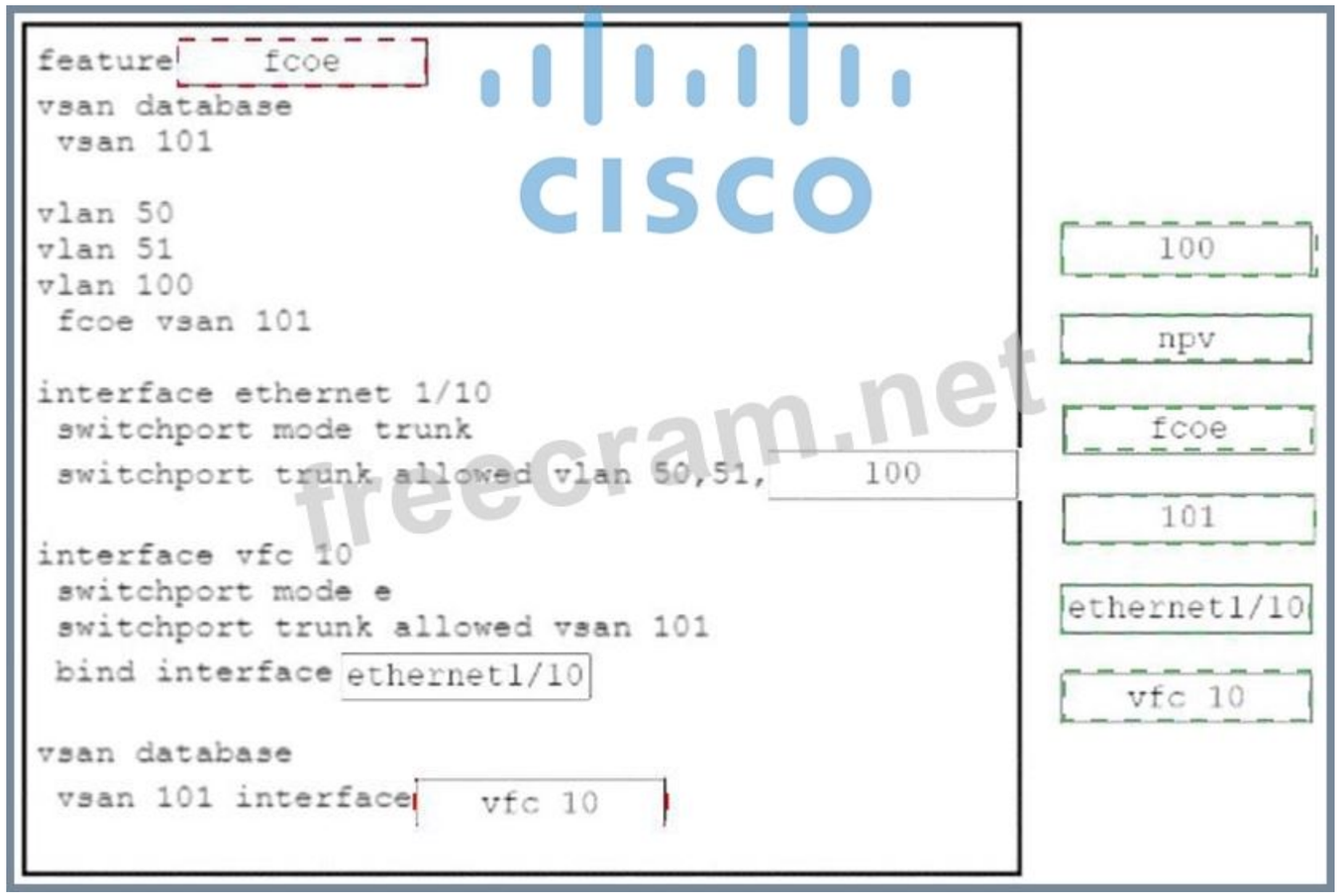
NEW QUESTION: 107



Refer to the exhibit. Server 1-must establish an FCoE connection with SW1. Drag and drop the code snippets from the right onto the boxes in the code to complete the FCoE configuration of SW1. Not all code snippets are used.


feature
vsan database
vsan 101
vlan 50
vlan 51
vlan 100
fcoe vsan 101
interface ethernet 1/10
switchport mode trunk
switchport trunk allowed vlan 50,51,
interface vfc 10
switchport mode e
switchport trunk allowed vsan 101
bind interface
vsan database
vsan 101 interface
100
npv
fcoe
101
ethernet1/10
vfc 10

Answer:



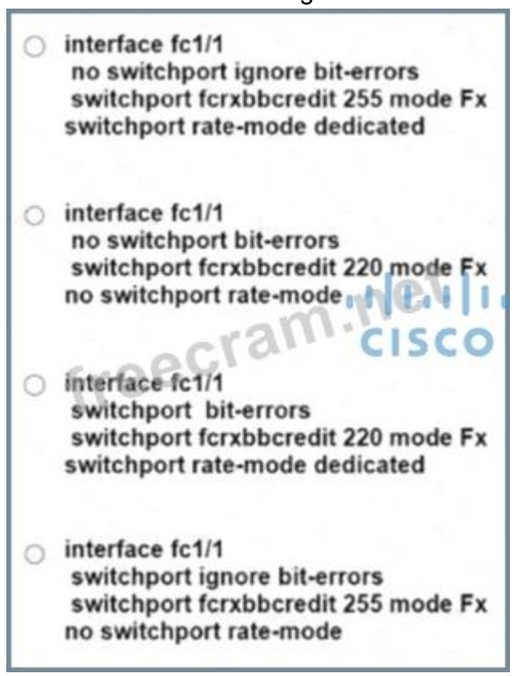
Explanation:
Fcoe
100
Ethernet 1/10
Vfc 10

NEW QUESTION: 108
Which statement describes the rolling EPLD upgrade on a cisco MDS 9000 Series switch?
A. An EPLD upgrade is nondisruptive.
B. All module on the switch are disrupted.
C. The standby supervisor module is capable of performing the upgrade
D. Only the modules that are being upgraded are disrupted.
Answer: (SHOW ANSWER)

NEW QUESTION: 109
A network engineer must configure a Fibre Channel interface on the Cisco MDS 9000 Series Switch. The configuration must meet these requirements:

- The interface must be disabled when the bit errors threshold is exceeded.
- Buffer-to-buffer credits must be set to the maximum value.
- The interface must have full bandwidth allocated for its port group.

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



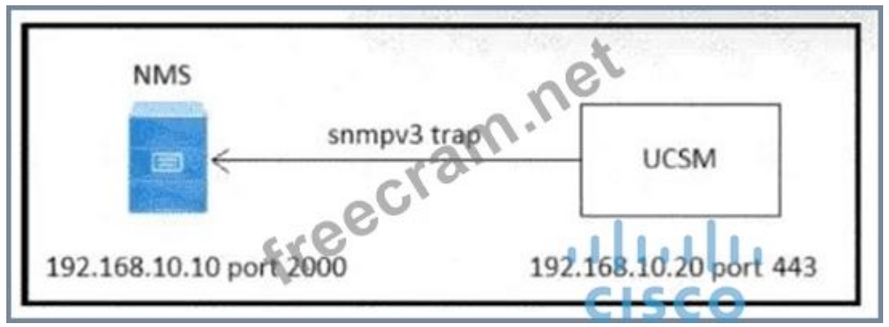
A. Option C
B. Option D
C. Option A
D. Option B
Answer: (SHOW ANSWER)

NEW QUESTION: 110

Which storage appliance must be deployed to provide file system access using the NFS protocol?

A. optical drive storage
B. direct-attached storage
C. network area storage
D. network-attached storage
Answer: (SHOW ANSWER)

NEW QUESTION: 111



Refer to the exhibit. The network management system that is located at 192.168.10.10 and port 2000 must receive traps from the Cisco UCS Manager called UCSM. The community name is Cisco123! and the SNMP version must be the most secure.

These two commands have already been configured on Cisco UCSM.

UCS-A# scope monitoring

UCS-A/monitoring # enable snmp

Which command set completes the SNMP configu

- UCS-A /monitoring* # **create snmp-trap 192.168.10.20**
  UCS-A /monitoring/snmp-trap* # **set community Cisco123!**
  UCS-A /monitoring/snmp-trap* # **set port 443**
  UCS-A /monitoring/snmp-trap* # **set version v3**
  UCS-A /monitoring/snmp-trap* # **commit-buffer**

- UCS-A /monitoring* # **create snmp-trap 192.168.10.20:443**
  UCS-A /monitoring/snmp-trap* # **set community Cisco123!**
  UCS-A /monitoring/snmp-trap* # **send events**
  UCS-A /monitoring/snmp-trap* # **set version v2**
  UCS-A /monitoring/snmp-trap* # **commit-buffer**

- UCS-A /monitoring* # **create snmp-trap 192.168.10.10**
  UCS-A /monitoring/snmp-trap* # **set community Cisco123!**
  UCS-A /monitoring/snmp-trap* # **set port 2000**
  UCS-A /monitoring/snmp-trap* # **set version v3**
  UCS-A /monitoring/snmp-trap* # **commit-buffer**

- UCS-A /monitoring* # **create snmp-trap 192.168.10.10:2000**
  UCS-A /monitoring/snmp-trap* # **set community Cisco123!**
  UCS-A /monitoring/snmp-trap* # **send events**
  UCS-A /monitoring/snmp-trap* # **set version v2**
  UCS-A /monitoring/snmp-trap* # **commit-buffer**

A. Option C

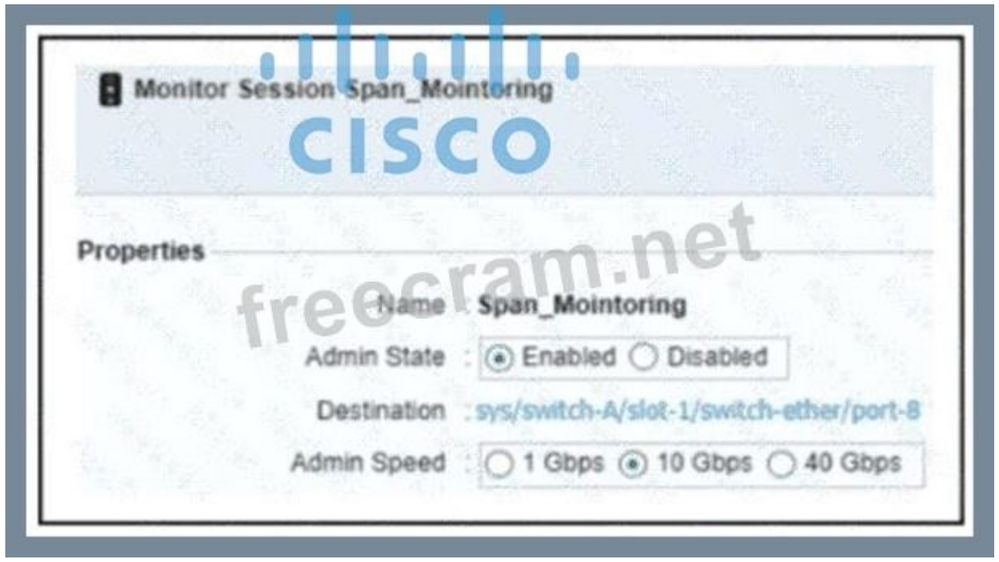
B. Option D

C. Option B

D. Option A

Answer: (SHOW ANSWER)

NEW QUESTION: 112



Refer to the exhibit Which port type must be used to complete the configuration of a monitoring session that sends traffic to a monitoring device ' ?

A. Eth1/8 as uplink port Eth1/4 as appliance port

B. Eth1/8 as appliance port Eth1/4 as uplink port

C. Eth1/8 as monitor port Eth1/4 as uplink port

D. Eth1/8 as uplink port Eth1/4 as monitor port

Answer: (SHOW ANSWER)

NEW QUESTION: 113

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.)

```
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-DRO
  destination interface ethernet 1/3
```

A. Option B

B. Option E

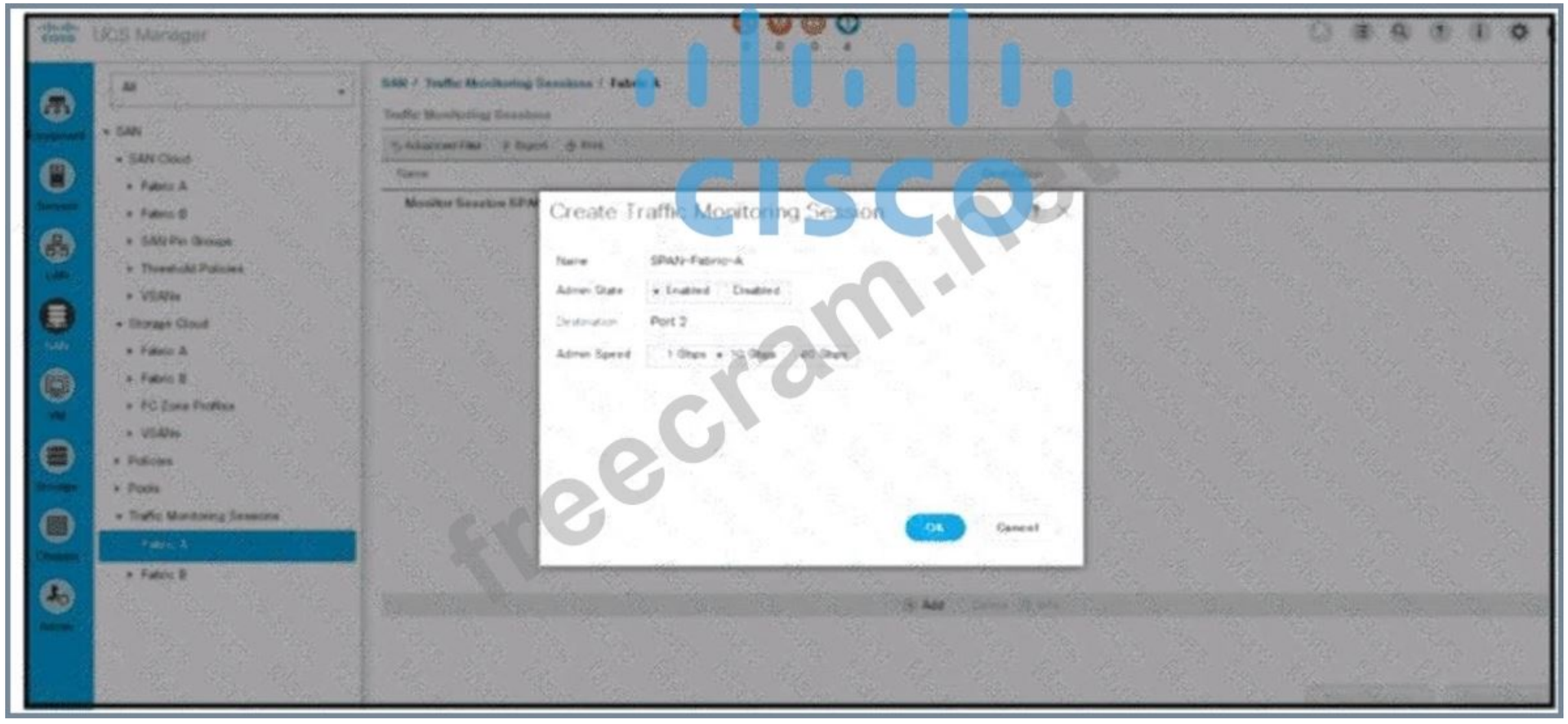
C. Option D

D. Option C
E. Option A
Answer: (SHOW ANSWER)

NEW QUESTION: 114
An engineer must create an Ansible playbook to enforce compliance on Cisco Nexus 9000 Series Switches.
The playbook must connect individually to each switch, leverage the Cisco NX-OS API, and enable the OSPF feature in an idempotent manner. Which playbook must the engineer use?
A. - name: Enable OSPF
hosts: nxos_hosts
serial: 1
ansible_connection: httpapi
tasks:
- name: Ensure OSPF is enabled
cisco.nxos.nxos_feature:
feature: ospf
state: enabled
B. - name: Enable OSPF
hosts: nxos_hosts
ansible_connection: network_cli
tasks:
- name: Ensure OSPF is enabled
cisco.nxos.nxos_feature:
feature: ospf
state: enabled
serial: 1
C. - name: Enable OSPF
hosts: nxos_hosts
ansible_connection: local
tasks:
- name: Ensure OSPF is enabled
cisco.nxos.nxos_feature:
feature: ospf
state: enabled
throttle: 1
D. - name: Enable OSPF
hosts: nxos_hosts
throttle: 1
ansible_connection: netconf
tasks:
- name: Ensure OSPF is enabled
cisco.nxos.nxos_feature:

feature: ospf
state: enabled
Answer: (SHOW ANSWER)
Option A meets all three requirements. The httpapi connection uses the Cisco NX-OS API instead of relying on an interactive CLI session. The serial: 1 directive restricts play execution to one managed switch at a time, ensuring that the switches are processed individually. The cisco.nxos.nxos_feature module is purpose-built for managing NX-OS features and operates idempotently: it enables OSPF when disabled but makes no unnecessary change when OSPF is already enabled. Option B uses network_cli, which does not satisfy the requirement to leverage the NX-OS API. Option C uses an obsolete local connection approach, while option D selects NETCONF and does not correctly implement the required one-device-at-a-time execution. The candidate file marks B, but the technically verified answer is A.

NEW QUESTION: 115

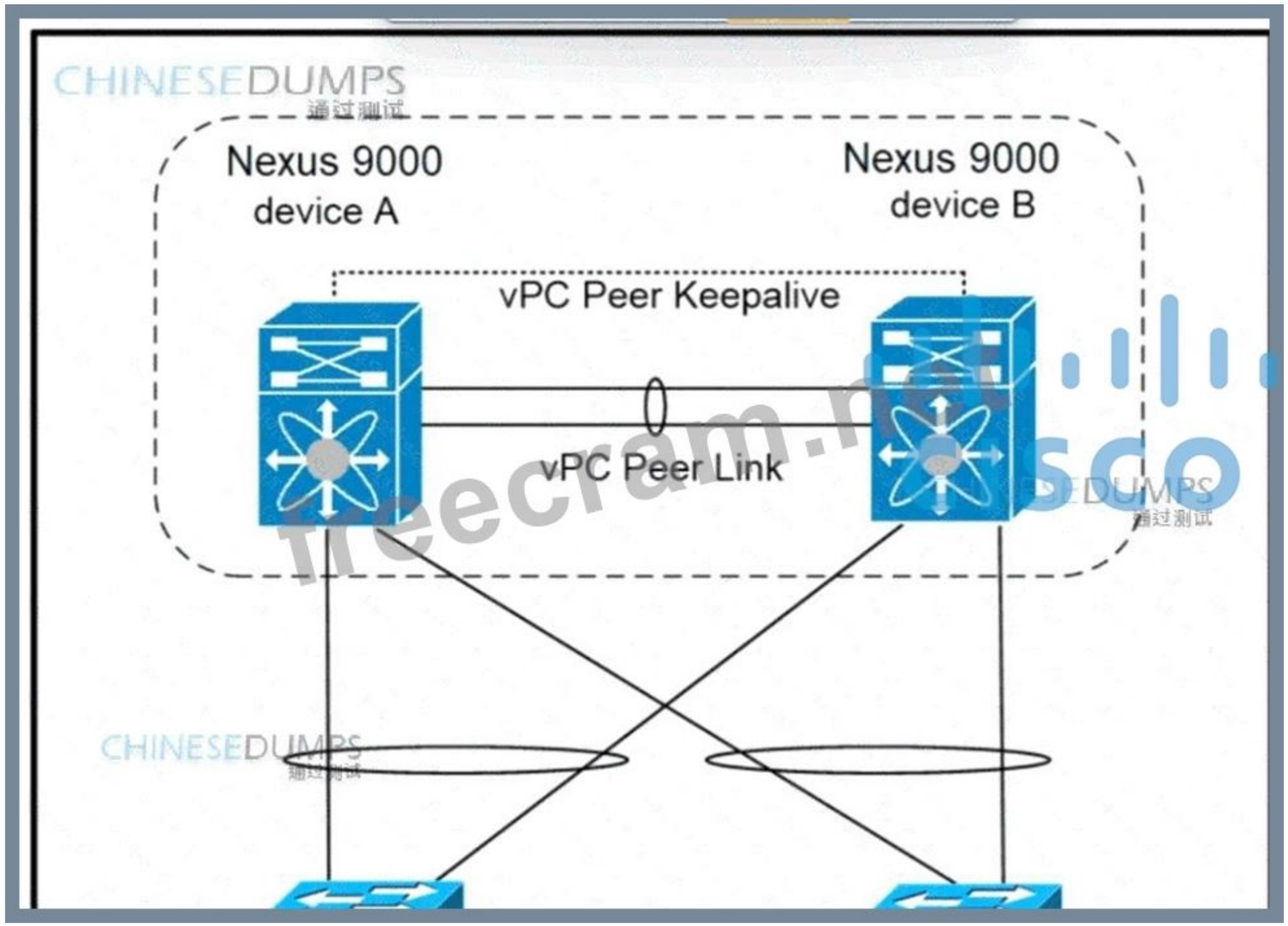


Refer to the exhibit. An engineer must send all traffic passing through interface fc1/1 on N9K_1 to the monitoring laptop using a SPAN session. This configuration has already been applied to Cisco UCS Manager.
Which additional set of actions must be taken to accomplish this goal?
A. Add the interface to the traffic monitoring session. Activate the SPAN feature.
B. Add the VSAN to the traffic monitoring session. Enable the SPAN feature.
C. Add the VLAN to the traffic monitoring session. Activate SPAN debug logging.
D. Add the Interface to the traffic monitoring session. Enable the SPAN traffic monitoring session.
Answer: (SHOW ANSWER)

NEW QUESTION: 116
A network engineer evaluates cloud services for a customer. The customer requires the cloud service to provide tools that enable provisioning, customization, scaling, and management of a specific application.
Which cloud service model meets these requirements?
A. software as a service
B. infrastructure as a service
C. network as a service
D. platform as a service
Answer: D (LEAVE A REPLY)

NEW QUESTION: 117
What occurs during a scheduled electronic programmable logic device (EPLD) update of a Cisco fabric switch supervisor module?
A. The redundant supervisor module takes over for the duration of the update, there is no service disruption.
B. All control plane traffic is stopped for the duration of the update, and the switch remains operational for the duration of the upgrade.
C. All traffic through the system is stopped for the duration of the update, and the switch is power cycled after the upgrade is complete.
D. The redundant supervisor module takes over for the duration of the update, and the switch is rebooted after the upgrade is complete.
Answer: (SHOW ANSWER)

NEW QUESTION: 118



Refer to the exhibit. Which configuration ensures that the Cisco Nexus 9000 Series Switches are the primary devices for LACP?

A.
```
N9K_A(config-vpc-domain)# system-priority 100
N9K_B(config-vpc-domain)# system-priority 200
```

B.
```
N9K_A(config-vpc-domain)# system-priority 4000
N9K_B(config-vpc-domain)# system-priority 4000
```

C.
```
N9K_A(config-vpc-domain)# system-priority 32768
N9K_B(config-vpc-domain)# system-priority 32768
```

D.
```
N9K_A(config-vpc-domain)# role priority 1
N9K_B(config-vpc-domain)# role priority 2
```

Answer: (SHOW ANSWER)

NEW QUESTION: 119
Which storage access level does the NFSv4 protocol support?
A. block
B. object
C. inode
D. file
Answer: (SHOW ANSWER)
The correct answer is D. file.
The NFSv4 (Network File System version 4) protocol is a file-level storage protocol, meaning it provides access to shared storage at the file system level rather than at the raw disk (block) level. In this model, clients interact with files and directories directly, using standard file operations such as open, read, write, and close.
This aligns with the concept of NAS (Network Attached Storage), which NFS is a core part of in Cisco data center architectures.
Unlike block storage protocols such as iSCSI or Fibre Channel, which present storage as raw disk volumes that require a local file system to be created, NFS abstracts this complexity and allows multiple clients to access shared files concurrently. NFSv4 also introduces enhancements such as stateful operations, security improvements, and better locking mechanisms, making it suitable for enterprise environments.
Options A (block) and B (object) refer to different storage models, while C (inode) is an internal file system structure, not an access level. Therefore, NFSv4 operates at the file level, making D the correct answer.

NEW QUESTION: 120
Which component is, by default, excluded from the host firmware package on a Cisco UCS B- Series Server?
Freecram.net
A. storage controller
B. local disk
C. local SD card
D. graphics processing unit
Answer: (SHOW ANSWER)

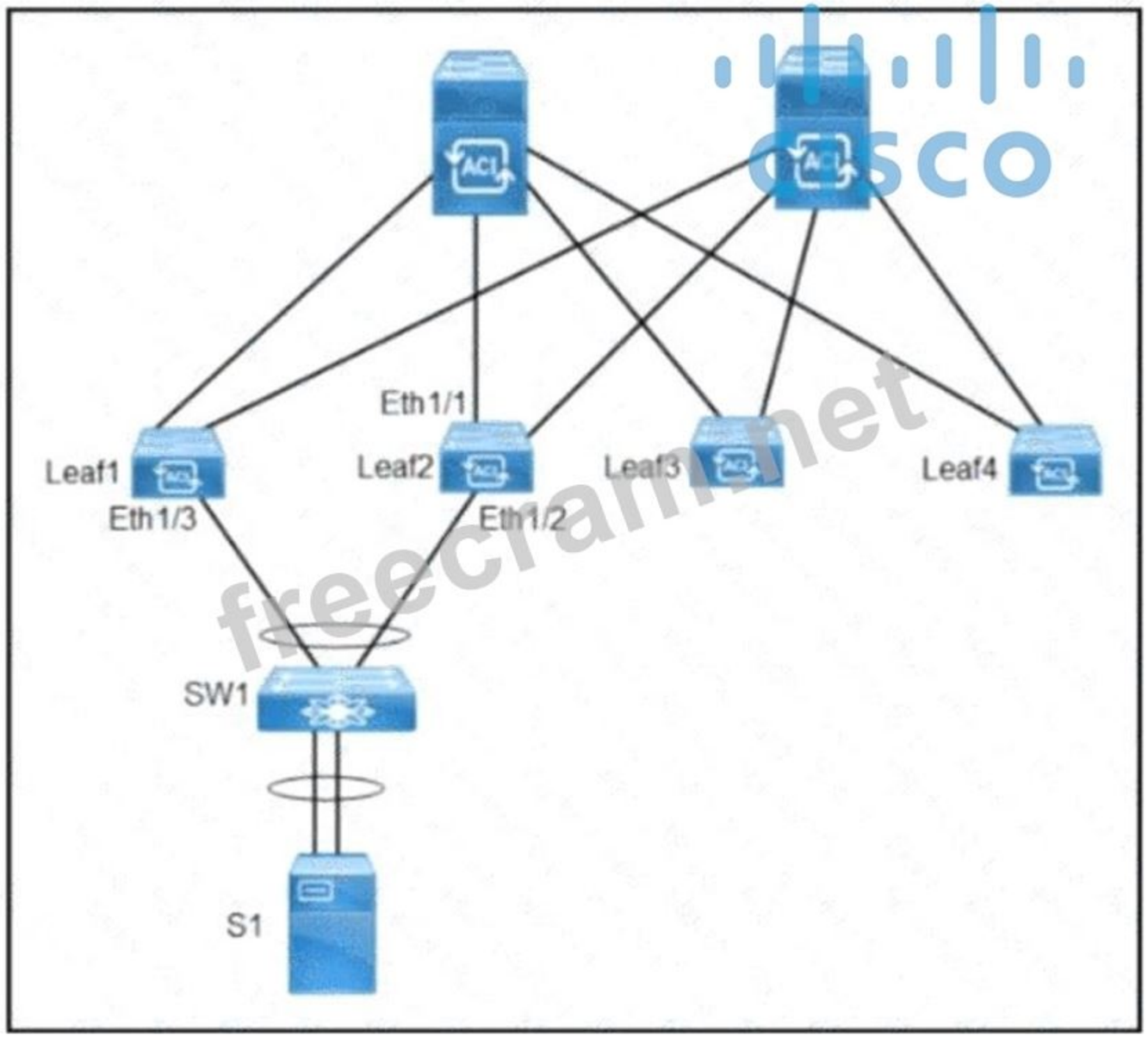
NEW QUESTION: 121
A company is investigating different IT automation tools. The IT team has experience with the Python programming language and scripting using a declarative language. The proposed tool must be easy to set up and must not require an agent to be installed on target devices. The team must also be able to create custom Python modules to extend the tool's functionality. Which automation tool meets these requirements?
A. NX-API
B. Chef
C. Ansible
D. Puppet
Answer: (SHOW ANSWER)
Ansible is an agentless automation and configuration-management platform. It normally connects to managed network devices through protocols such as SSH, NETCONF, or HTTP APIs, eliminating the requirement to install an agent on each target. Ansible playbooks use YAML, a human-readable declarative language that describes the desired configuration state. Its modules are primarily developed in Python, allowing the engineering team to create custom modules when built-in functionality is insufficient. Chef and Puppet traditionally use agent-based architectures in which software runs on managed

nodes, making them inconsistent with the agentless requirement. NX-API is a programmable interface provided by Cisco NX-OS; it can execute commands and return structured data, but it is not a complete configuration-management platform offering declarative playbooks, inventory management, and extensible automation modules.

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NEW QUESTION: 122
A network engineer is configuring a Cisco MDS 9000 Series Switch in a data center that is prone to sudden surges in network traffic Specific performance metrics must be monitored, and instant notifications must be received when predefined thresholds are exceeded Which SNMP feature must be configured?
A. traps to send alerts when thresholds are exceeded
B. polling at regular intervals to monitor metrics
C. inform with a threshold-based alert system
D. notifications to receive performance metrics
Answer: (SHOW ANSWER)

NEW QUESTION: 123



Refer to the exhibit. In a Cisco ACI fabric, the status of interface Eth1/1 changes frequently. Which set of actions configures the fabric to disable Eth1/1 when the port flaps more than 10 times within 1 minute?

A. From fabric policies set link debounce interval to 60.

B. From fabric policies, set the time allowed for max flaps to 60.

C. From access policies, set link debounce interval to 1.

D. From access policies, set the time allowed for max flaps to 60.

Answer: (SHOW ANSWER)

NEW QUESTION: 124

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. Chef
C. Ansible
D. Puppet
Answer: (SHOW ANSWER)
The correct answer is C. Ansible because it is the one option that matches all three stated requirements at the same time. Official Ansible documentation describes Ansible as an agentless automation tool installed on a control node, and states that it manages remote systems over SSH without requiring additional daemons or software on the managed nodes. Ansible documentation also states that its playbooks are written in YAML, which is intended to be easier for humans to read and write, making it a strong fit for teams with limited scripting experience.
The other options do not fit as cleanly. Chef can use SSH in agentless mode, but Chef's core model is based on Chef Infra Client, which is an agent, and its automation logic is built around recipes rather than simple declarative YAML playbooks. Puppet supports declarative configuration and can use SSH through Bolt, but Puppet commonly relies on installed agents in standard deployments. PowerShell is primarily a scripting language, not the best match for the requirement for an easy-to-read declarative orchestration tool. Therefore, Ansible is the best and verified choice.

NEW QUESTION: 125
What is a characteristic of the NFS protocol?
A. It uses UDP and HTTP as its transport.
B. It is used for booting Cisco UCS B-Series servers.
C. It uses remote procedure calls with TCP/IP for transport.
D. It is used to access a storage array at a block level.
Answer: (SHOW ANSWER)

NEW QUESTION: 126
Which technology provides RDMA functionality if the requirements are to support high bandwidth options and keep traffic separate from other network traffic?
A. NVMe-oF
B. RoCEvI
C. RoCEv2
D. InfiniBand
Answer: D (LEAVE A REPLY)

NEW QUESTION: 127
An engineer configures multiple blade servers for OS installation. The requirements are to use the internal HDDs inside the Cisco UCS blade server and for the OS to remain operational even if one of the HDDs is removed for maintenance. Each blade has two internal HDDs. Which two actions must be taken to meet these requirements? (Choose two.)
A. Set the Local Disk Policy Mode to RAID 1.
B. Set Enforce vNIC/vHBA/iSCSI Name to disabled
C. Set Boot Policy Mode to UEFI
D. Set the First Boot Order to be Local LUN.

E. Set the Protect Configuration to enabled
Answer: (SHOW ANSWER)

NEW QUESTION: 128
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 gateway
B. anycast rendezvous point
C. IP ARP suppression
D. IP ARP SYNC
Answer: (SHOW ANSWER)

NEW QUESTION: 129
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 ' 8 set direction receive transmit
B. UCS-A/eth-traffic-rnon/fabnc/eth-mon-session n activate
C. UCS-A/eth-lraffic-mon/fabrio ' eth-mon-session* # create dest-interface 2 12
D. UCS-A/eth-traffic-mon/fabric/eth-mon-session ' # create eth-mon-sessioaTdest-interface 2 12
E. UCS-A /org/service-profile/vnic ' mon-src* U set direction both
Answer: (SHOW ANSWER)

NEW QUESTION: 130
DNS server with IP address 192.168.1.1 is deployed in a data center A network engineer must configure a Cisco UCS Fabric Interconnect to use this DNS. Which configuration should be applied?
Freedam.net
A. ficl-mgmt-A# scope systemficl-mgmt-A /system # create dns 192.168.1.1ficl-mgmt-A /system* # commit-buffer
B. ficl-mgmt-A /fabric-interconnect* # commit-bufferficl-mgmt-A# scope systemficl-mgmt-A /system # scope servicesficl-mgmt-A /system/services # create dns 192.168.1.1ficl-mgmt-A /system/services* # commit-buffer
C. ficl-mgmt-A /system # commit-bufferficl-mgmt-A# scope fabric-interconnect aficl-mgmt-A /fabric- interconnect # set name 192.168.1.1
D. ficl-mgmt-A# scope fabric-interconnect aficl-mgmt-A /fabric-interconnect # set name 192.168.1.1ficl- mgmt-A /fabric-interconnect # scope system
Answer: B (LEAVE A REPLY)

NEW QUESTION: 131
A customer deploys a media server to distribute streaming videos to network clients. The requirement is to allow the video feed to reach only requesting clients. The shared trees must not propagate the video feed if no clients from that tree request it. To reduce configuration touchpoints, the solution must support the automatic discovery and announcement of RP-set information. Each router in the network is responsible for selecting the RP. Which configuration set meets these requirements?
A. router(config-if}# ip pim bidir-enable router(config}# ip pim ssm default router(config}# ip igmp version 3
B. router(config-if)# ip pim sparse-sense mode router(config}# ip pim auto-rp router(config)# ip pim send- rp-announce
C. router(config-if}# ip pim dense-mode router(config)# ip pim rp-address 1.1.1.1 router(config}# ip pim rp listener
D. router(config-if}# ip pim sparse mode router(config)# ip pim bsr-candidate Lo0 router(config)}# ip pim rp-candidate Lo0

Answer: (SHOW ANSWER)

NEW QUESTION: 132

```
Write-Host "Retrieving list of tenants on ACI"
$tenanturl = $baseurl + "/api/node/class/fvTenant.json?"
$webobj = new-object net.webclient
$webobj.Headers.add("Cookie", $cookies)
$result = $webobj.DownloadString($tenanturl)
$resultjson = $result | ConvertFrom-Json
$tenants = New-Object System.Collections.ArrayList
```

Refer to the exhibit. A DevOps engineer must create a PowerShell script to display a list of tenants in the Cisco Application Centric Infrastructure (ACI) by using the Cisco ACI PowerShell module. The engineer does NOT know how many results will be returned, so it is important to iterate through all the results. Which code snippet completes the script?

```
While True {Write-Host $tenant.iterate}
```

```
While true {Write-Host $tenant.attributes.name}
```

```
i = 0
foreach( $tenant in $resultjson.imdata)
{
$tenant = $resultjson.imdata[i]
i = I + 1
```

```
foreach( $tenant in $resultjson.imdata )
{
    $tenant = $tenant.fvTenant.attributes.name
    Write-Host $tenant
}
```

A. Option C

B. Option D

C. Option A
D. Option B
Answer: (SHOW ANSWER)

NEW QUESTION: 133
An engineer must configure a user role interface policy on a Cisco Nexus 9000 Series Switch. The role must prevent access to interface FC3/2 but allow access to interface FC3/1. Which set of actions must be taken to accomplish this goal?
A. Configure deny interface policy. Deny interface FC3/2. Permit interface FC3/1.
B. Configure deny interface policy. Permit interface FC3/2. Deny interface FC3/1.
C. Configure permit interface policy. Permit interface FC3/2. Permit interface FC3/1.
D. Configure permit interface policy. Deny interface FC3/2. Deny interface FC3/1,
Answer: (SHOW ANSWER)

NEW QUESTION: 134
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 requirement?



A. Option C
B. Option A
C. Option D
D. Option B
Answer: (SHOW ANSWER)

NEW QUESTION: 135
Refer to the exhibit. VLAN 10 Is experiencing delays and packet drops when the traffic is forwarded through the switch. The destination flow analyzer accepts traffic captures of not more than 30 seconds. Which configuration implements the traffic capture that meets the requirements?

```
switch(config)# flow timeout 30000
switch(config)# interface ethernet 1/1
switch(config-if)# switchport
switch(config-if)# switchport access vlan 10
switch(config-if)# ip flow monitor L2_monitor output

switch(config)# flow timeout 30
switch(config)# interface ethernet 1/1
switch(config-if)# switchport
switch(config-if)# switchport access vlan 10
switch(config-if)# mac packet-classify
switch(config-if)# layer2-switched flow monitor L2_monitor input

switch(config)# interface ethernet 1/1
switch(config-if)# flow timeout 30
switch(config-if)# switchport access vlan 10
switch(config-if)# mac packet-classify
switch(config-if)# ip flow monitor L2_monitor input

switch(config)# interface ethernet 1/1
switch(config)# flow timeout 30000
switch(config-if)# switchport
switch(config-if)# layer2-switched flow monitor L2_monitor output
switch(config-if)# switchport access vlan 10
```

A. Option C
B. Option B
C. Option A
D. Option D
Answer: (SHOW ANSWER)

NEW QUESTION: 136
What is a characteristic of a nondisruptive upgrade using a Cisco MDS 9000 Series Switch with dual supervisor modules?
A. The control plane continues forwarding Fibre Channel traffic.
B. The data plane is down for more than 60 seconds.
C. The new software version is first downloaded on the standby supervisor.
D. Layer 2 forwarding stops during the upgrade.

Answer: (SHOW ANSWER)

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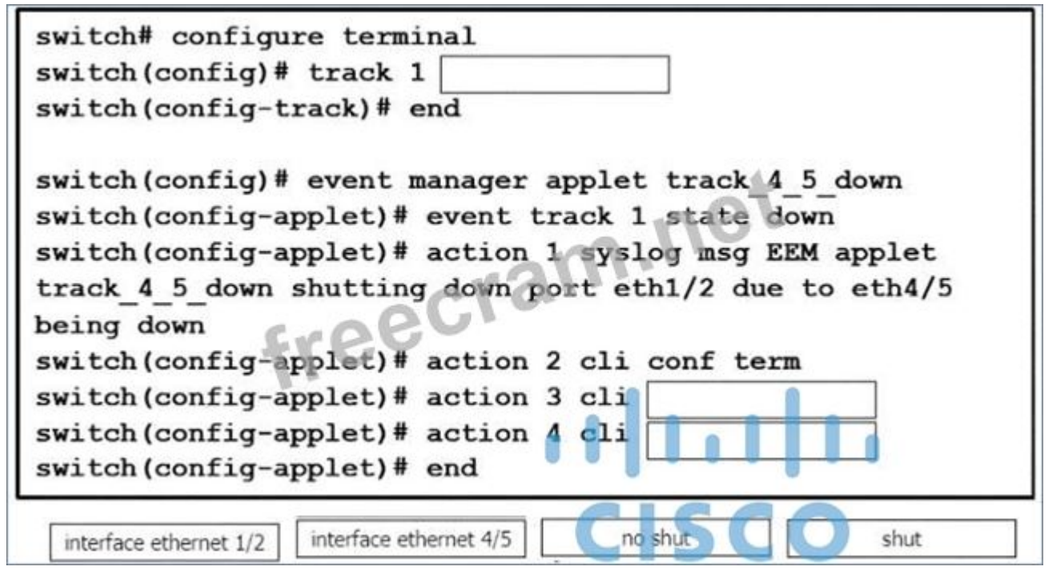
NEW QUESTION: 137
An engineer must configure Net Row to Identify packet flows and pfov.de statistics based on the collected flows for the Layer 2 attribute on a Cisco Nexus Series Switch. Which action must the engineer take to complete a NetFlow exporter configuration?
A. Create a flow record and match datalink ether type
B. Specify the IP protocol or ToS fields as keys
C. Apply a flow monitor to an egress interface.
D. Associate a flow monitor to the switch port output packets.
Answer: (SHOW ANSWER)

NEW QUESTION: 138
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. IP
B. Custom
C. MAC address
D. Tag
Answer: (SHOW ANSWER)

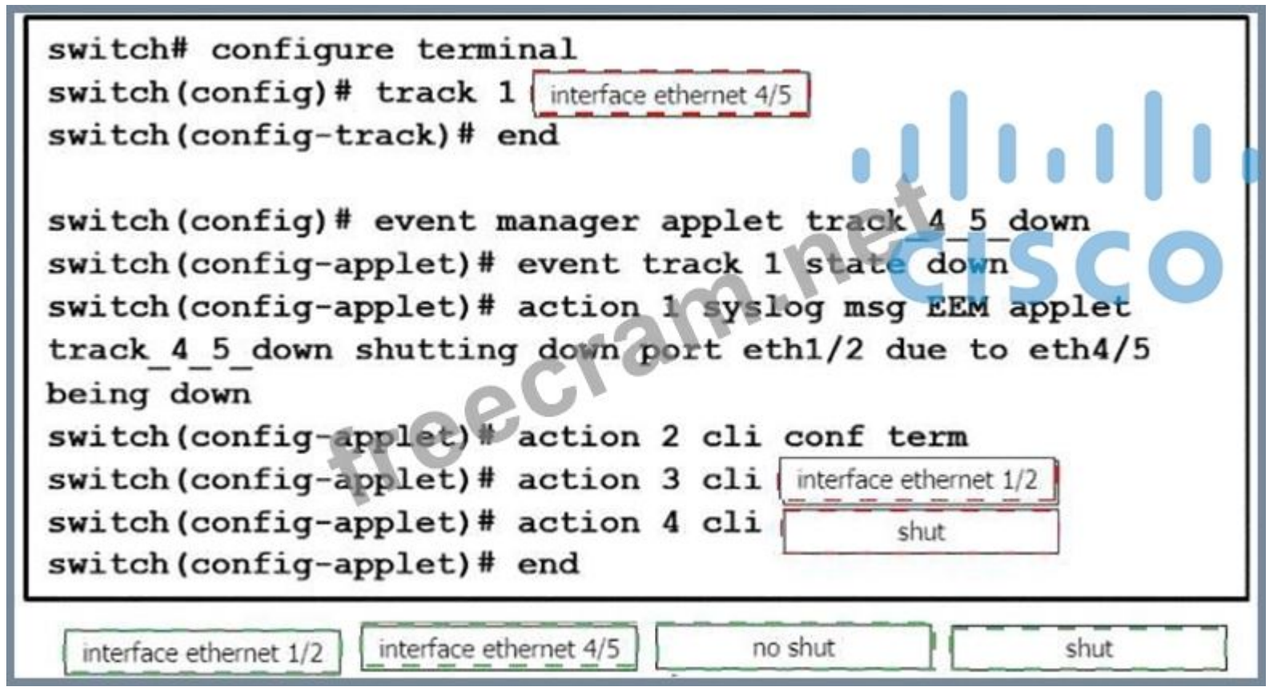
NEW QUESTION: 139
What is a characteristic of a cloud-computing model according to NIST Special Publication 800-145?
A. Decentralized management of resources
B. On-demand self-service
C. Limited resource pooling
D. Fixed computing capabilities
Answer: (SHOW ANSWER)
NIST Special Publication 800-145 defines on-demand self-service as one of the five essential characteristics of cloud computing. It allows a consumer to provision computing capabilities, such as server processing and storage, automatically and as needed without requiring direct human interaction with each service provider. Cloud computing also includes broad network access, resource pooling, rapid elasticity, and measured service. Option A is incorrect because the NIST model does not require decentralized management; cloud resources are commonly centrally managed and automated. Option C contradicts the essential characteristic of resource pooling, in which provider resources serve multiple consumers dynamically. Option D is also incorrect because cloud computing emphasizes rapid elasticity and the ability to scale capabilities according to demand, rather than providing a permanently fixed amount of computing capacity.

NEW QUESTION: 140

An engineer must shut down the Ethernet 1/2 interface when the Ethernet 4/5 interface state is down. Drag and drop the CLI commands from the bottom onto the blanks in the exhibit to implement this EEM. Not all commands are used.



Answer:



```
switch# configure terminal
switch(config)# track 1 [interface ethernet 4/5]
switch(config-track)# end

switch(config)# event manager applet track_4_5_down
switch(config-applet)# event track 1 state down
switch(config-applet)# action 1 syslog msg EEM applet
track_4_5_down shutting down port eth1/2 due to eth4/5
being down
switch(config-applet)# action 2 cli conf term
switch(config-applet)# action 3 cli [interface ethernet 1/2]
switch(config-applet)# action 4 cli [shut]
switch(config-applet)# end
```

NEW QUESTION: 141
Which configuration must be used to boot a Cisco UCS C-Series Server using iSCSI?
A. Set up eth1 as the target and use the remote IQN.
B. Implement an iSCSI adapter using the initiator IQN name.
C. Configure eth0 as an initiator and configure the VLAN as a trunk.
D. Configure a vNIC as an initiator and target using the IQN and LUN ID.
Answer: B (LEAVE A REPLY)

NEW QUESTION: 142
What is a key feature of Cisco Intersight in the context of IJCS management?

A. It provides centralized management and monitoring from fabric interconnects.
B. It acts as a physical network switch.
C. It provides centralized management and monitoring from the cloud.
D. It acts as a virtual network switch.
Answer: (SHOW ANSWER)

NEW QUESTION: 143
An engineer must configure Cisco MDS 9000 Series Switch to provide role-based authorization on a TACACS+ server. The configuration must meet these requirements:
*All commands under the switch configuration mode must be permitted.
*The group of TACACS+ servers is named lad.
Which command set accomplishes this task?
A. aaa authentication conflg-commandsaaa authentication config -commands default group tad
B. aaa authentication commandsaaa authentication commands default group tad
C. aaa authorization commandsaaa authorization commands default group tad
D. " a authorization config-commandsaaa authorization conflg-commands default group tad
Answer: (SHOW ANSWER)

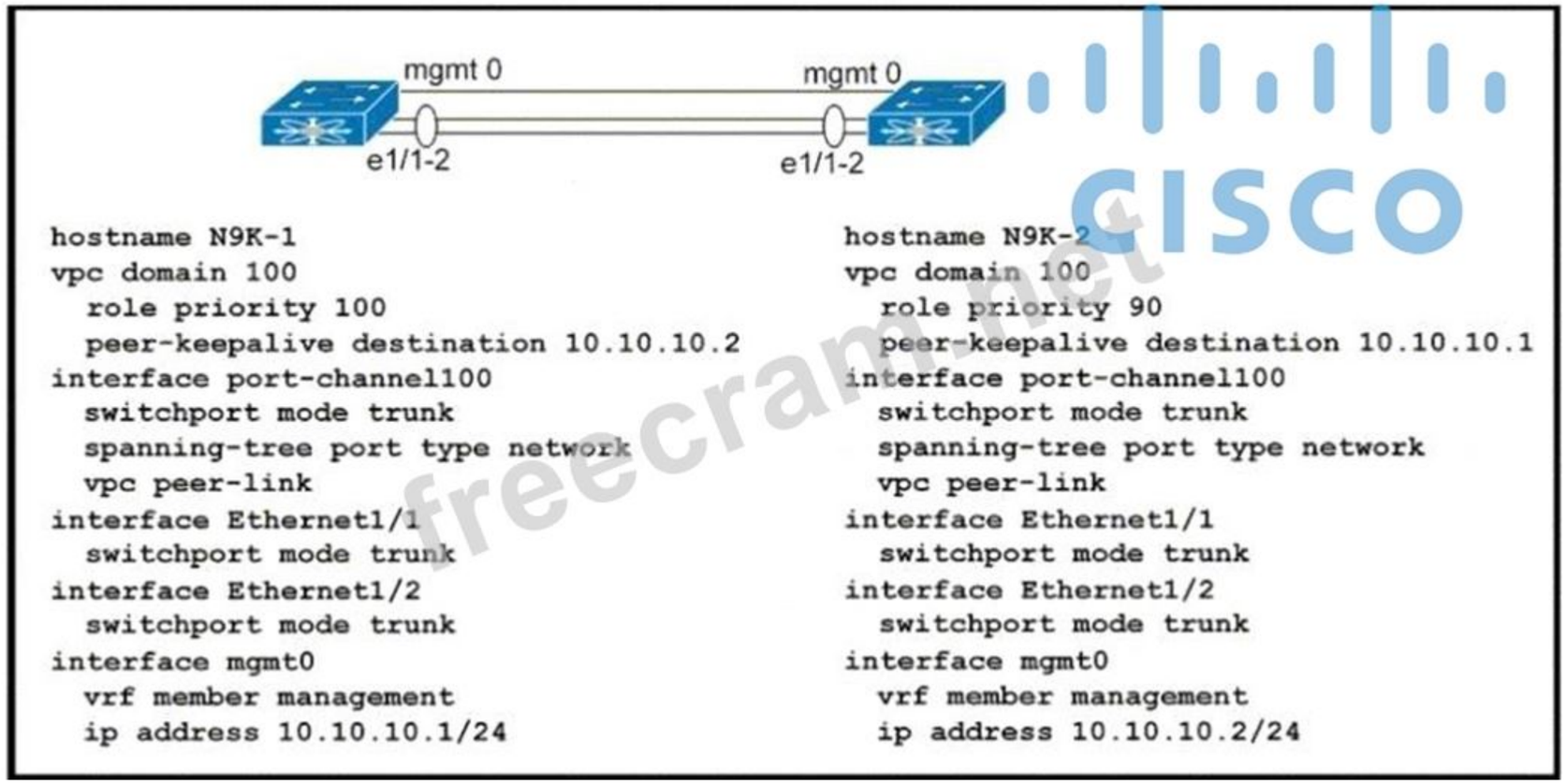
NEW QUESTION: 144
Which two components are used by the Cisco Nexus switches telemetry process? (Choose two)
A. data encoding
B. telemetry compression
C. data collection
D. data manipulation
E. telemetry agent
Answer: (SHOW ANSWER)

NEW QUESTION: 145
Which storage technology provides a simple, high-capacity solution and offers a direct file-access level to the shared storage?
A. NFS
B. iSCSI
C. FCoE
D. FCP
Answer: (SHOW ANSWER)
The correct answer is A. NFS (Network File System).
NFS is a file-level storage protocol, which means it allows clients to access shared storage as if it were part of their local file system. This directly satisfies the requirement for "direct file-access level" mentioned in the question. Cisco documentation and data center architecture guidelines describe NFS as a simple and scalable solution that is widely used for shared storage environments, virtualization platforms, and large-scale data repositories.
NFS operates over standard IP networks, making it easy to deploy without requiring specialized storage networking hardware such as Fibre Channel fabrics. It also supports high-capacity storage systems, enabling centralized file sharing across multiple hosts efficiently.
In contrast, iSCSI, FCoE, and FCP are all block-level storage protocols. These technologies present storage to hosts as raw block devices (disks), requiring a file system to be created on top of them. They do not provide direct file-level access.

Because the question specifically asks for file-level access with simplicity and scalability, NFS is the correct and most appropriate choice.

NEW QUESTION: 146
An engineer is implementing the Cisco ACI fabric and must create two different vPCs from leaf switches A and B. The vPCs are deployed as follows:
* vPC 1 encompasses ports Eth 1 /1 on leaf A and B and connects to server 1.
* vPC 2 encompasses port Eth1/2 on leaf A and B and connects to server 2.
A leaf switch profile listing leaves A and B is already configured Which ACI object must be created to meet these requirements?
A. one vPC interface policy group
B. two vPC interface policy groups
C. two PortChannel interface policy groups
D. one access port interface policy group
Answer: (SHOW ANSWER)

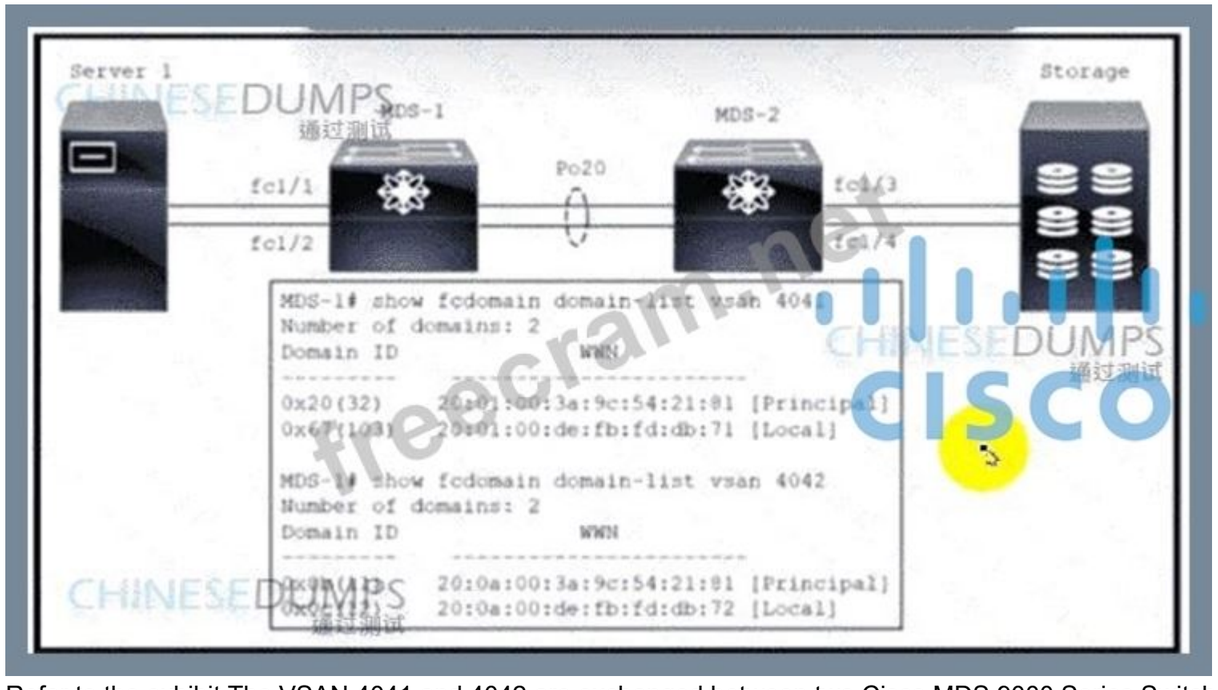
NEW QUESTION: 147



Refer to the exhibit. Which action completes the vPC domain implementation?
A. Include the VRF management on the vPC domain.
B. Allow VLANs on the vPC peer link member interfaces.
C. Add the vPC member ports to the vPC channel group.
D. Configure the system MAC on the vPC domain.

Answer: (SHOW ANSWER)

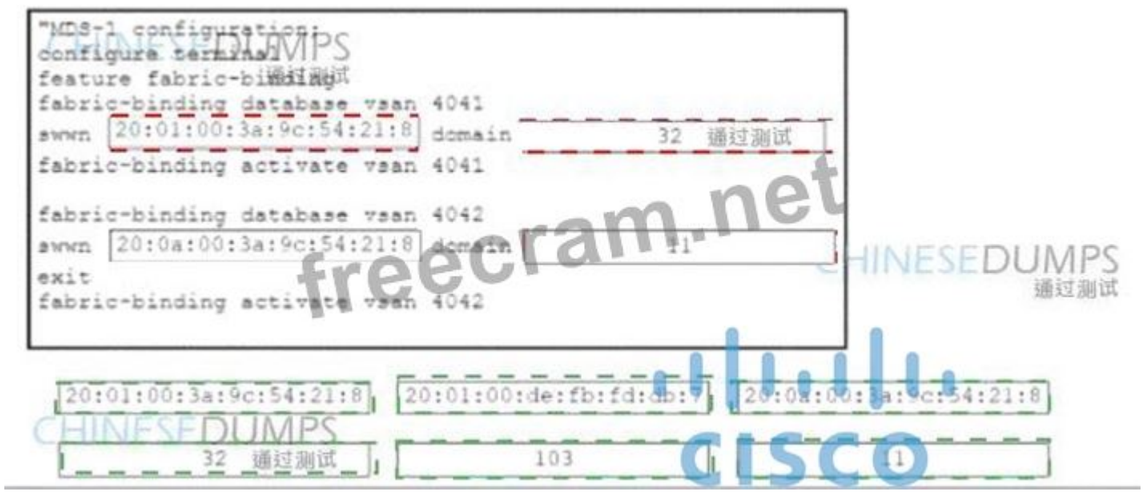
NEW QUESTION: 148
What occurs when running the command install deactivate
<filename> while a software maintenance upgrade is performed on a Cisco Nexus 9000 Series switch?
A. The package is removed from the switch.
B. The current set of packages is committed.
C. The current upgrade stops.
D. The package features for the line card are disabled.
Answer: (SHOW ANSWER)

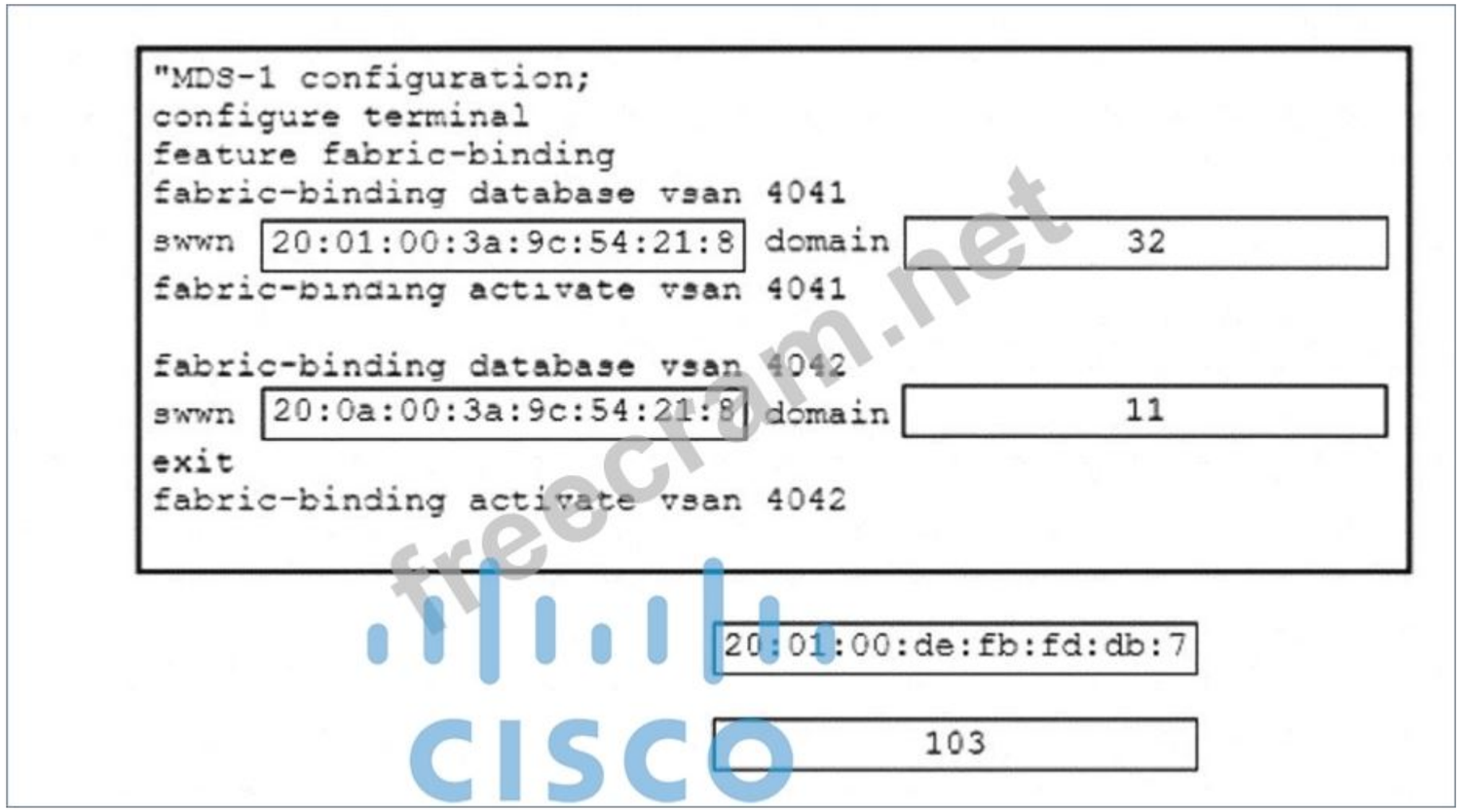
NEW QUESTION: 149


Refer to the exhibit The VSAN 4041 and 4042 are exchanged between two Cisco MDS 9000 Series Switches called MDS-1 and MDS-2 The objective is to deploy a security mechanism on MDS-1 to allow MDS-2 to join the fabric exclusively Drag and drop the code snippets from the bottom onto the boxes in the code to complete the MDS-1 configuration Not all code snippets are used.


"MDS-1 configuration:
configure terminal
feature fabric-binding
fabric-binding database vsan 4041
swwn
domain
fabric-binding activate vsan 4041
fabric-binding database vsan 4042
swwn
domain
exit
fabric-binding activate vsan 4042
20:01:00:3a:9c:54:21:8
20:01:00:de:fb:fd:db:7
20:0a:00:3a:9c:54:21:8
32 通过测试
103
11

Answer:


"MDS-1 configuration:
configure terminal
feature fabric-binding
fabric-binding database vsan 4041
swwn 20:01:00:3a:9c:54:21:8 domain 32 通过测试
fabric-binding activate vsan 4041
fabric-binding database vsan 4042
swwn 20:0a:00:3a:9c:54:21:8 domain 11
exit
fabric-binding activate vsan 4042
20:01:00:3a:9c:54:21:8
20:01:00:de:fb:fd:db:7
20:0a:00:3a:9c:54:21:8
32 通过测试
103
11



NEW QUESTION: 150

An engineer modifies the virtual port channel domain on a Cisco Nexus 9000 Series Switch using Session Manager Which two commands must the engineer use to confirm the configuration is valid and apply the configuration to the switch? (Choose two.)

A. Write memory

B. save bootflash:

C. verify

D. commit

E. checkpoint

Answer: (SHOW ANSWER)

NEW QUESTION: 151

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

A. IaaS

B. MaaS

C. SaaS

D. PaaS

Answer: (SHOW ANSWER)

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NEW QUESTION: 152
Which two features are used to allow a nondisruptive upgrade for the ISSU process? (Choose two.)
A. advanced services license
B. connectivity management processor
C. nonstop forwarding
D. graceful restart
E. stateful switchover
Answer: (SHOW ANSWER)

NEW QUESTION: 153
Which command must be run before downgrading a Cisco Nexus 9300 Series Switch?

```
show incompatibility nxos bootflash:filename
```

```
show install all impact nxos bootflash:filename
```

```
show incompatibility kickstart bootflash:filename
```

```
show install all impact kickstart bootflash:filename
```

A. Option D
B. Option C
C. Option A
D. Option B
Answer: (SHOW ANSWER)

NEW QUESTION: 154
An engineer must migrate a Cisco UCS Manager configuration from an old system to a new system. Only server-related configuration must be migrated, and the new system will use different network and administrative settings. Which backup type meets these requirements?
A. System configuration
B. Full state
C. All configuration
D. Logical configuration

Answer: (SHOW ANSWER)
A logical-configuration backup contains service profiles, VLANs, VSANs, pools, policies, and other logical server-configuration objects. It excludes administrative and system-specific settings such as usernames, roles, locales, and management-network configuration. This makes it the correct choice when server configuration must be migrated while the destination system uses different network and administrative settings. A system-configuration backup contains administrative and system settings rather than the required server objects. A full-state backup is a binary snapshot designed for disaster recovery and recreating an entire UCS system, making it unsuitable for a selective import. An all- configuration backup includes both logical and system settings and would migrate settings that the scenario explicitly requires to remain different. Cisco identifies logical configuration as an importable XML backup containing service profiles, VLANs, VSANs, pools, and policies. Cisco UCS backup types

NEW QUESTION: 155
Which feature is supported with an In-Service Software Upgrade on a Cisco Nexus 9000 Series Switch?
A. nondrsruptive upgrades via nonstop forwarding
B. zero downtime downgrades via dual supervisor modules
C. configuration changes during an upgrade
D. upgrades to Individual modules and line cards
Answer: (SHOW ANSWER)

NEW QUESTION: 156
An engineer implements an Application Performance Monitoring (APM) solution. The solution runs in a vSphere infrastructure where the vSwitch support for promiscuous mode is disabled for security reasons. As a result, the final implementation must receive a copy of bidirectional traffic to a load balancer that is connected to a Cisco Nexus 93108 series switch. The APN solution GRE encapsulated traffic. Which configuration must be applied to the switch to meet this requirement?

monitor session 1 both
source interface ethernet 1/9
destination interface ethernet 1/12
erspan-id 1
vrf mgmt0
filter vlan 3
no shut

configure terminal
monitor session 1 type erspan-source
erspan-id 1
destination ip 10.1.1.1
source interface ethernet 1/9 both
vrf default
no shut

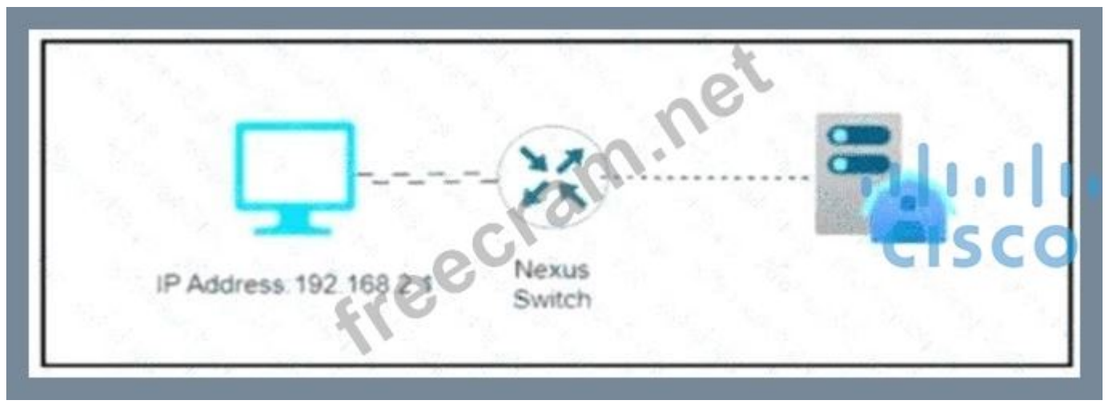
interface vlan1
switchport monitor
destination ip 10.1.1.1
exit
monitor session 1 rx
monitor session 1 tx
source interface ethernet1/9

interface ethernet 1/9
erspan-id 1
monitor session 1 type erspan-source
interface mgmt0
monitor session 1 type erspan-destination
destination ip 10.1.1.1

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

D. Option A
Answer: (SHOW ANSWER)

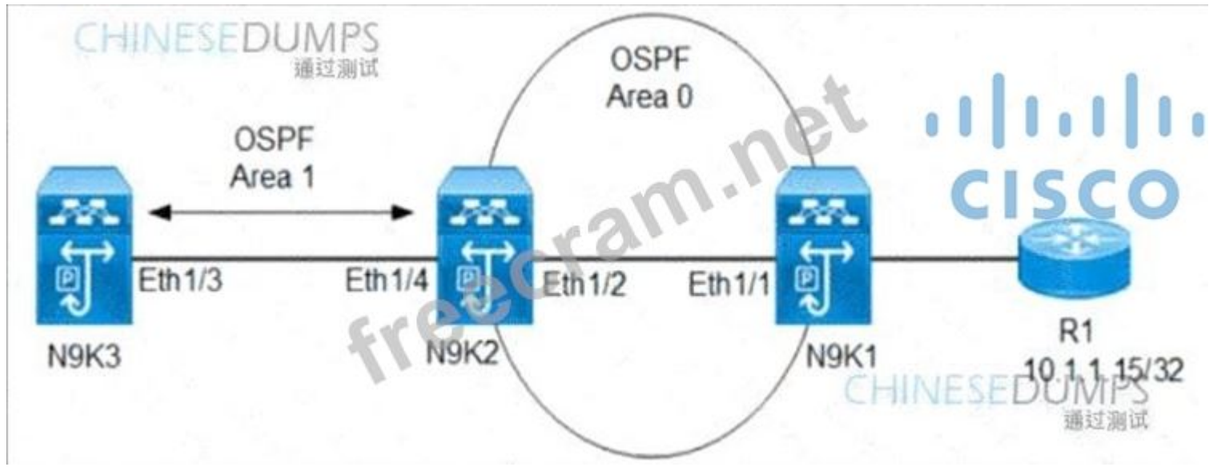
NEW QUESTION: 157



Refer to the exhibit. An engineer must create a scheduler task on a Cisco Nexus 9000 Series Switch at 06:00 AM. The task must save the running configuration to a file in the bootflash, then transfer the file from the bootflash to a TFTP server Which command must the scheduler task run after the running configuration is copied to the bootflash?
A. cli var name timestamp $(TIMESTAMP)
B. copy bootflash:/$(TIMESTAMP)-cfg.$(SWITCHNAME) tftp://192.168.2.1/
C. scheduler job name backup-cfg
D. scheduler schedule name daylydbackup
Answer: B (LEAVE A REPLY)

NEW QUESTION: 158
A network engineer repeatedly saves a configuration on Catalyst switches to NVRAM using the write memory command. What action should be taken to implement the same action on Nexus switches?
A. Use the write memory command to save the configuration.
B. Use the exit command to leave the configuration mode and save the configuration automatically.
C. Use the alias command to use the write memory command.
D. Use the wri command to use the copy running-config startup-config command.
Answer: (SHOW ANSWER)

NEW QUESTION: 159



Refer to the exhibit. The network 10.1.1.15/32 is advertised to N9K1. N9K2 and N9K3 OSPF neighbors in area 1. Which configuration advertises network 10.1.1.15/32 as LSA type 7 to N9K3?

A. N9K2(config-router)# area 1 nssaN9K3(config-router)# area 1 nssa

B. N9K2(config-router)# area 1 stub no-summaryN9K3(config-router)# area 1 stub

C. N9K1(config-router)# area 0 stub no-summaryN9K2(config-router)# area 0 stub

D. N9K1(config-router)# area 0 nssaN9K2(config-router)# area 0 nssa

Answer: (SHOW ANSWER)

NEW QUESTION: 160

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

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A. Configure port aggregation with the LACP policy set to default.

B. Configure the Firmware Auto Sync Server policy as Auto Acknowledge.

C. Configure Link Group Preference as Port Channel.

D. Configure the chassis/FEX discovery policy action for four links.

Answer: D (LEAVE A REPLY)

The chassis/FEX discovery policy specifies the minimum number of links Cisco UCS Manager expects between each I/O module and its corresponding fabric interconnect. Configuring the policy for four links enables UCS Manager to discover and activate all four connected interfaces. Those links operate collectively, providing additional bandwidth and allowing connectivity to continue if an individual link fails. An LACP policy is not used for the internal chassis-to-fabric-interconnect connections in this design. Firmware Auto Sync controls firmware synchronization when a server is replaced and has no effect on link usage or resiliency. Link Group Preference is also unrelated to chassis discovery and activation of the four physical links. Cisco documentation confirms that a chassis connected with four links requires a chassis/FEX discovery policy that supports four links; otherwise, all available connections might not be discovered and activated as required. Cisco UCS equipment policies

NEW QUESTION: 161

Which technology enables RDMA functionality over Ethernet between multiple broadcast domains?

A. iWARP

B. NVMe-oF

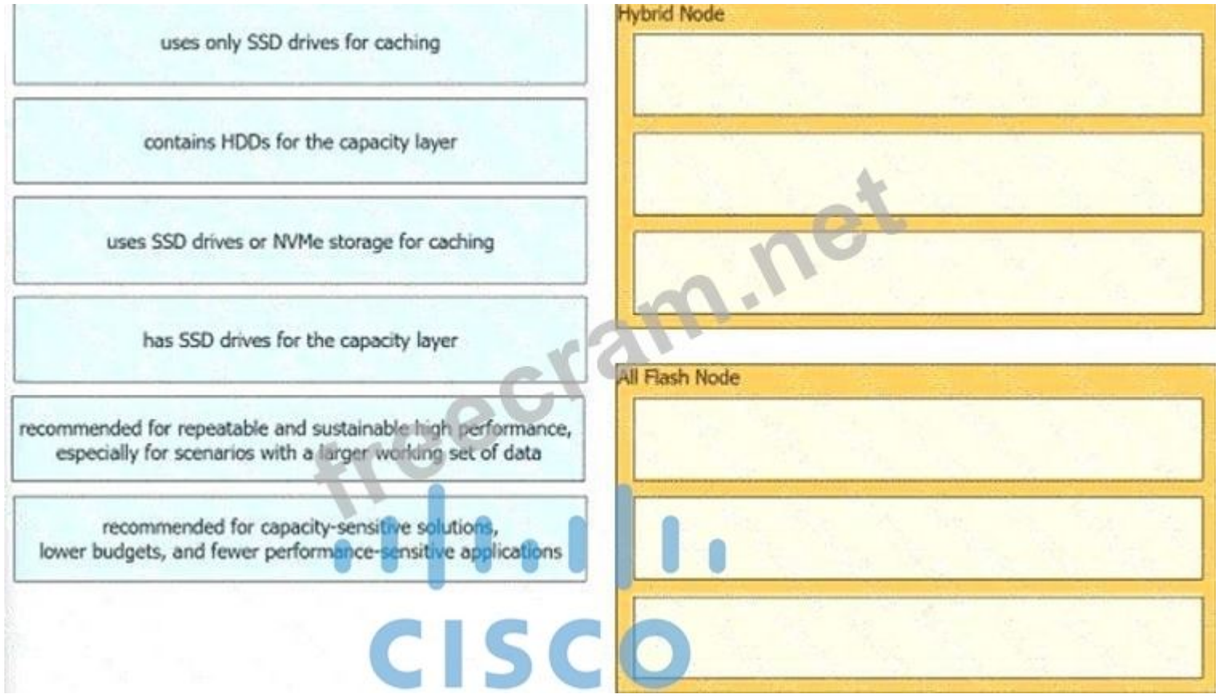
C. RoCEv1

D. RoCEv2

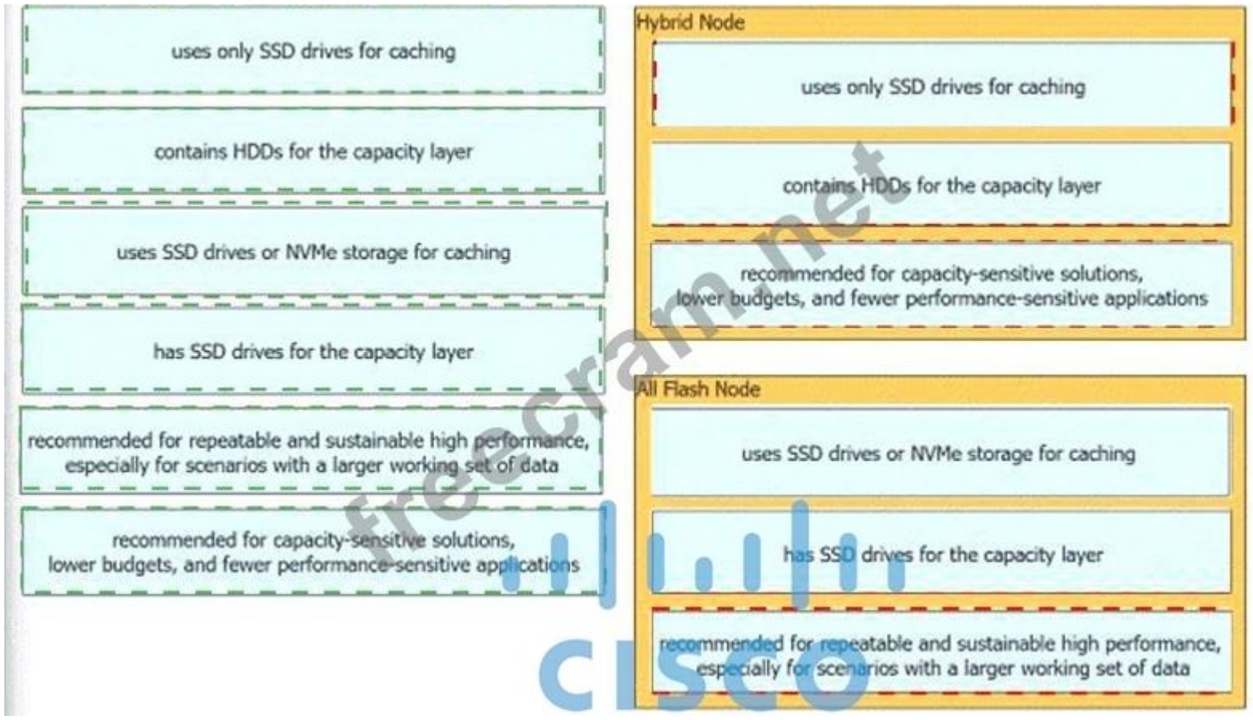
Answer: (SHOW ANSWER)

NEW QUESTION: 162

Drag and drop the hyperflex characteristics from the left onto the appropriate. HyperFlex Node types on the right. Not all options are used.



Answer:



Explanation:
Hybrid:
uses only SSD drives for caching
contains HDDs for the capacity layer
recommended for capacity-sensitive solutions, lower budgets, and fewer performance-sensitive applications All Flash Node:
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

NEW QUESTION: 163
Refer to the exhibit.



Two Cisco Nexus Series Switches use EIGRP between their Eth1/1 interfaces. The switches are configured to support EIGRP authentication. Which set of CLI commands must be used to establish EIGRP neighborship?

A. interface Ethernet1/1 ip router eigrp 10 ip authentication mode EIGRP Paliini md5

B. interface Ethernet1/1 ip router eigrp Pallini ip authentication mode eigrp Pallini md5

C. Interface Ethernet1/1 ip router eigrp 10 ip authentication mode eigrp Pallini EIGRP

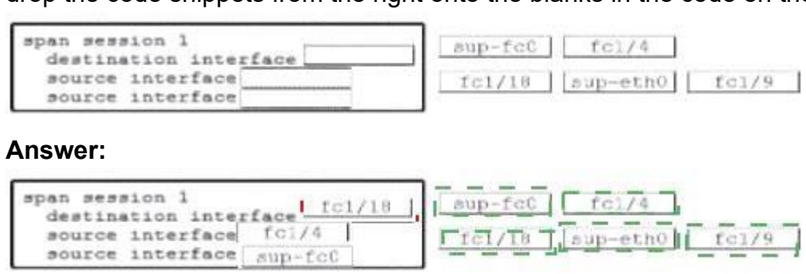
D. interface Ethernet1/1 ip router eigrp Pallini ip authentication mode md5 Pallini EIGRP

Answer: (SHOW ANSWER)

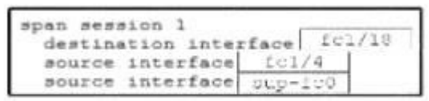
NEW QUESTION: 164



Refer to the exhibit. An engineer must capture Fibre Channel traffic from the server and the supervisor to the Cisco MDS 9000 Series Switch fabric. The traffic must be forwarded to the analyzer Drag and drop the code snippets from the right onto the blanks in the code on the left to complete the configuration. Not all code snippets are used.

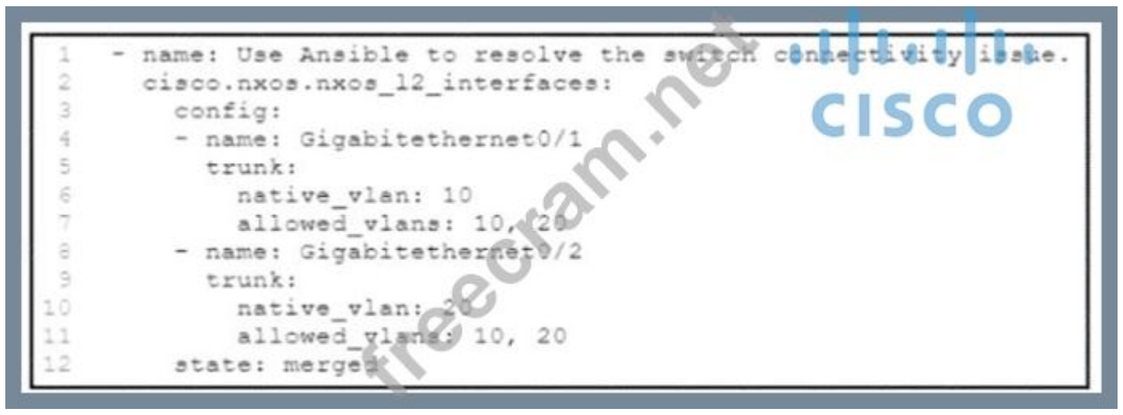


Answer:



NEW QUESTION: 165
Refer to the exhibit. A traffic collector virtual machine is installed inside the Cisco UCS server. The collector must monitor traffic that is received on G1/2 with ERSPAN. Which set of actions must be taken to send the traffic to the traffic collector?
A. Configure ERSPAN. Configure a source session on the SW1 switch.
B. Configure ERSPAN. Configure a source session on Cisco UCS Manager.
C. Configure SPAN. Configure a source session on Cisco UCS Manager.
D. Configure SPAN. Configure a source session on the SW1 switch.
Answer: (SHOW ANSWER)

NEW QUESTION: 166

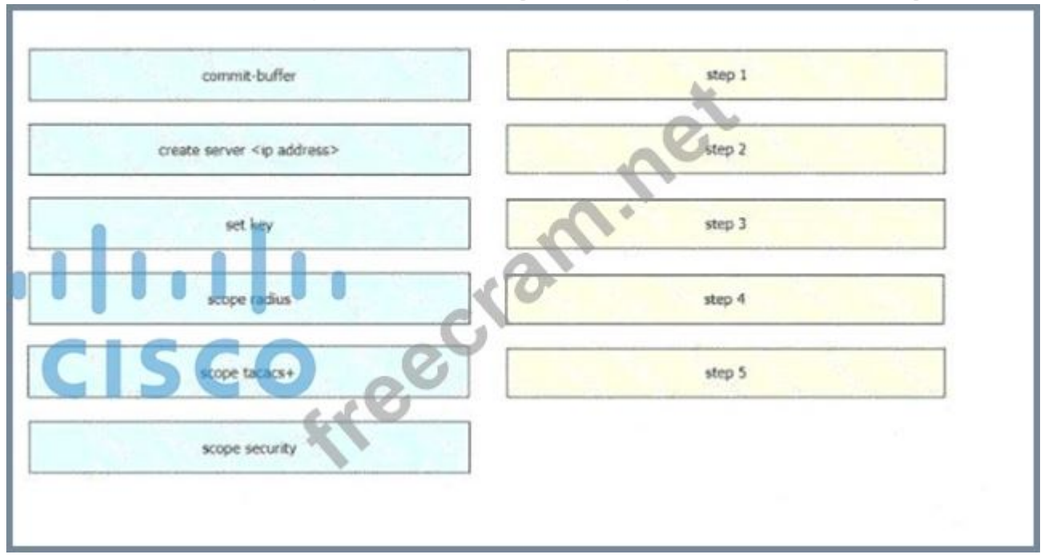


Refer to the exhibit An engineer must resolve a connectivity issue on a Cisco 9000 Senes Switch that was configured by using Ansible The switch must be configured to meet these requirements *Interface G*gabitethemet0/1 must be a member of VLAN 10 in access mode *Interface G*gabetethernet0/2 must allow VLANs 10 and 20 in trunk mode, with native VLAN 20 Which set of actions must be taken to meet these criteria?
A. Configure interface GigabttethemetOV 1 in trunk mode Assign interface GigabitethernetO/2 to VLAN 20
B. Configure interface Gigabitethernet0/1 in access mode Assign interface GigabitethernetO/1 to VLAN 10
C. Configure interface Gigabitethernet0/2 in trunk mode Assign interface GigabitethernetO/1 to VLAN 10
D. Configure interface GigabitethernetQ/2 in access mode Assign interface Gigabitethernet0/2 to VLAN 20
Answer: (SHOW ANSWER)

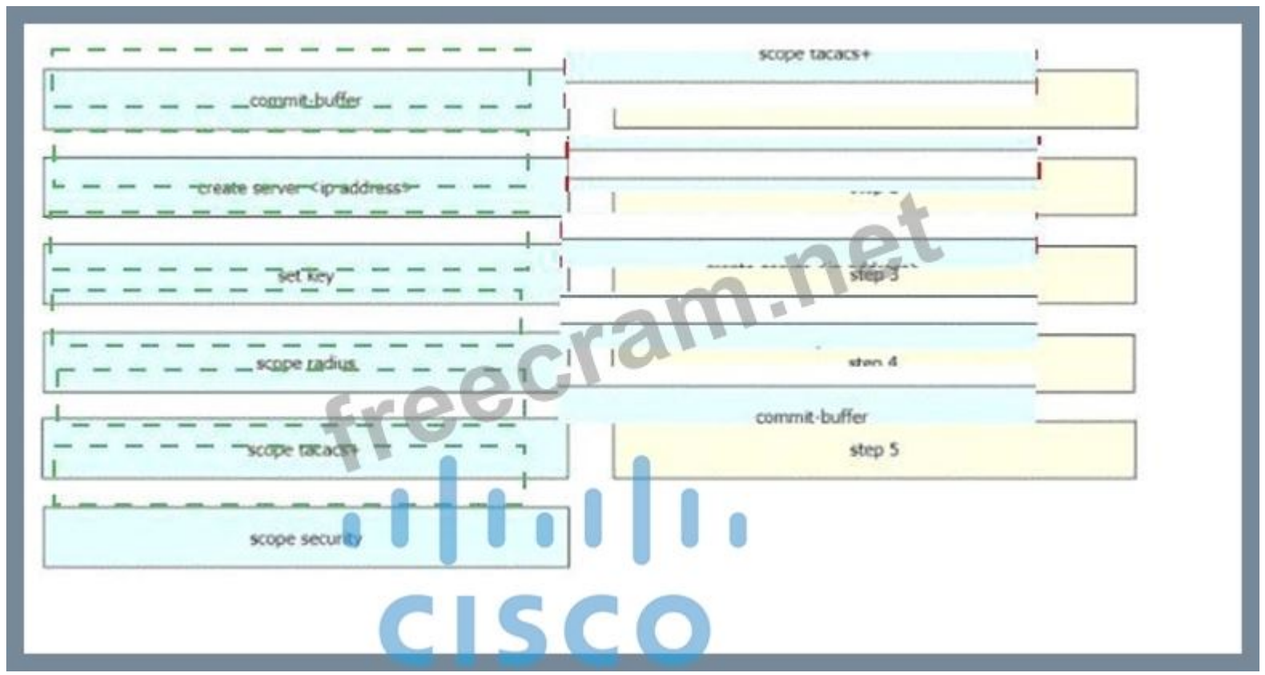
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NEW QUESTION: 167

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.



Answer:



Explanation:

Scope security

Scope radius

Create server

Set key

Commit-buff

NEW QUESTION: 168

```
            vrf: Scripting
            bd: BD
            state: present
- name: create ap
  aci_ap:
            tenant: PROD
            ap: App{{ item }}
            state: present
- name: create epg
  aci_epg:
            tenant: PROD
            bd: BD
            epg: Web
            state: present
  with_sequence: start=1 end=100
```

Refer to the exhibit. A network engineer uses Ansible to automate the provisioning of different ACI tasks.
The current design requires that each application profile has a single applications. All application EPGs must belong to the same configured bridge domain Which set of actions must be taken to accomplish this goal?

A. Delete line ap: App{{item}} under create ap task.Delete line with_sequence: start=1 end=100 under create epg task.
B. Delete line ap: App{{item}} under create ap task.Add line with_sequence: start=1 end=100 under create ap task.
C. Add line ap: App{{item}} under create epg task.Delete line with_sequence: start=1 end=100 under create epg task
D. Add line ap: App{{item}} under create epg task.Add line with_sequence: start=1 end=100 under create ap task
Answer: (SHOW ANSWER)

NEW QUESTION: 169

```
[redacted]
sudo -i
tcpdump -i Eth1-47 -w /tmp/ospf_traffic.pcap ip proto 89
```

Refer to the exhibit. A network engineer is using tcpdump to capture a
snapshot of OSPF-related traffic on a specific Cisco NX-OS switch port. For security reasons, the capture must be taken using an embedded container that is already deployed on the Cisco Nexus device.
Which command completes the script?

A. Guestshell
B. Run guestshell
C. Guestshell-bash
D. Run bash

Answer: (SHOW ANSWER)

NEW QUESTION: 170

Which LDAP rule must be used in Cisco UCS Manager to search for a user continuously down the tree hierarchy until the user is found?

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A. set group recursion to recursive
B. enable group authorization
C. disable secure socket layer
D. Check box of use primary group
Answer: A (LEAVE A REPLY)

NEW QUESTION: 171

Which file service protocol allows the files to appear locally mapped to the client and provides view, store, and update capabilities on a remote Linux-based storage repository that also serves as a distributed file system standard for NAS?
A. FTP
B. iSCSI
C. NFS
D. CIFS
Answer: (SHOW ANSWER)

NEW QUESTION: 172

What is the impact of an EPLD upgrade on a Cisco MDS 9000 Series Switch?
A. The upgrade process disrupts only the module that is being upgraded.
B. The active supervisor traffic is disrupted.
C. The standby supervisor module reloads multiple times.
D. The upgrade disrupts the management connectivity to the switch.
Answer: (SHOW ANSWER)

NEW QUESTION: 173

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

A.
```
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
```

B.
```
event manager applet fcns_policy
event 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
```

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 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
```

Answer: (SHOW ANSWER)

NEW QUESTION: 174

```
event manager applet ConfigMgmt
   event cli match "copy run start"
   action 1 syslog priority warnings msg Configuration Modified
```

Refer to the exhibit. An engineer logs all occurrences of a configuration being saved. The engineer must generate an additional log message when someone attempts to change the configuration for interface Ethernet
1/1.
Which set of commands must be used to meet these requirements?

A.
```
event manager applet ConfigMgmt
  event cli tag eth match "interface Ethernet1/1"
  event cli tag copy match "copy run start"
  event cli tag conf match "configure terminal"
  tag conf or eth or copy happens 2 in 3
  action 1 syslog priority warnings msg Configuration Modified
  action 2 event-default
```

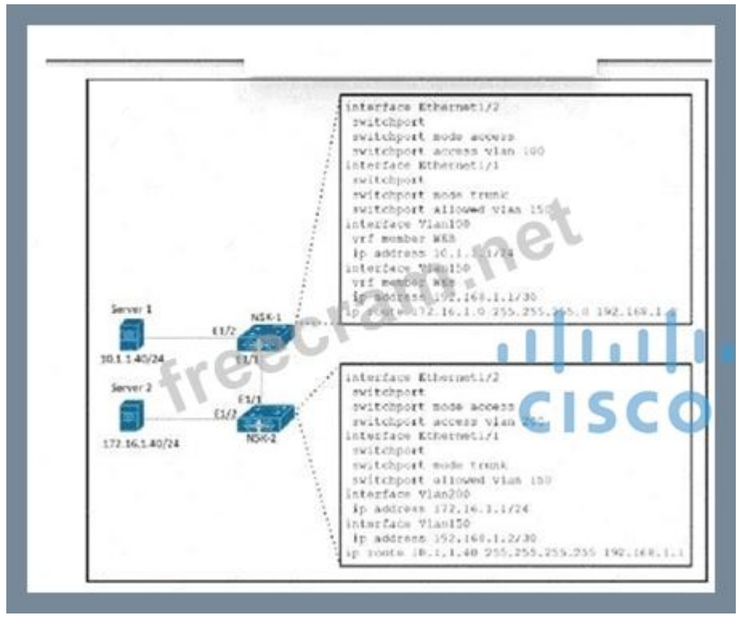
B.
```
event manager applet ConfigMgmt
  event cli tag eth match "interface Ethernet1/1"
  event cli tag copy match "copy run start"
  event cli tag conf match "configure terminal"
  tag conf and eth or copy happens 1 in 4294967295
  action 1 syslog priority warnings msg Configuration Modified
```

C.
```
event manager applet ConfigMgmt
  event cli tag eth match "configure terminal ; interface Ethernet1/1"
  event cli tag copy match "copy run start"
  tag eth or copy happens 1 in 2
  action 1 syslog priority warnings msg Configuration Modified
  action 2 event-default
```

D.
```
event manager applet ConfigMgmt
  event cli tag eth match "configure terminal ; interface Ethernet1/1"
  event cli tag copy match "copy run start"
  tag eth and copy happens 1 in 2
  action 1 syslog priority warnings msg Configuration Modified
```

Answer: (SHOW ANSWER)

NEW QUESTION: 175



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 N5K-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: (SHOW ANSWER)

The correct answer is D. From the exhibit, N5K-1 has interface Vlan100 in VRF WEB with IP 10.1.1.1/24 for Server 1's gateway, and interface Vlan150 in VRF WEB with IP 192.168.1.1/30 toward N5K-2. On N5K-2, interface Vlan200 has IP 172.16.1.1/24 for Server 2's gateway, and interface Vlan150 has IP 192.168.1.2/30 as the routed transit link back to N5K-1. The exhibit also shows that N5K-2 already has a static route pointing to Server 1's host/subnet via 192.168.1.1, but N5K-1 only has a route for 172.16.1.0 that is not placed in VRF WEB. Because Server 1's SVI belongs to VRF WEB, N5K-1 needs a route inside that same VRF toward Server 2's subnet through 192.168.1.2. Without that VRF-specific route, traffic sourced from Server 1 cannot be forwarded correctly to Server 2. The other options do not solve the Layer 3 reachability problem between the two VRF-connected subnets.

NEW QUESTION: 176

An engineer must configure role-based access control in Cisco UCS Manager for a network analyst. The analyst must be able to configure syslog servers and review system logs. Which two default user roles must be assigned? (Choose two.)

A. AAA Administrator

B. Facility Manager

C. Operations

D. Server Security Administrator

E. Network Administrator

Answer: (SHOW ANSWER)

The Operations role provides read-and-write access to system logs, faults, syslog configuration, log levels, and related maintenance functions. The Network Administrator role supplies the permissions required for network and fabric-interconnect infrastructure administration. Together, these roles give the analyst the necessary network-management context and the ability to configure and review logging.

An AAA Administrator manages users, roles, and authentication configuration rather than operational logging. A Facility Manager controls physical-equipment and facility-related settings, such as power and environmental policies. A Server Security Administrator manages server-security functions and does not provide the required syslog-management privileges. Cisco's UCS privileges reference specifically identifies the Operations privilege as allowing users to configure system-level policies including syslog and log levels, export log files, acknowledge faults, and create technical-support files.
Cisco UCS Manager privileges

NEW QUESTION: 177
What is the function of network file storage?
A. It allows clients to access files stored on a remote server
B. It uses Fibre Channel switches to store data at the block level.
C. It provides file system access for storage devices
D. It supports block-level system protocol used to access storage blocks
Answer: (SHOW ANSWER)

NEW QUESTION: 178
In a data center based on Cisco Nexus 9000 Series Switches, all endpoints support explicit congestion notifications How does the Nexus switch respond when the ECN-enabled queue reaches the maximum WRED threshold?
A. A pause frame is sent to the source.
B. A congestion notification packet is sent to the sender
C. All the outgoing packets are marked.
D. Low-priority incoming packets are dropped
Answer: (SHOW ANSWER)

NEW QUESTION: 179
An engineer needs to connect Cisco UCS Manager to an external storage array. Due to budget limitations, the engineer must connect a Cisco UCS manager directly to an FC storage port. Which two actions must be taken to complete this connection? (Choose two)
A. Create a storage connection policy
B. Set FC zoning to disabled when creating the VSAN
C. Configure the fabric interconnect m end-host mode
D. Create the required VSAN in the SAN cloud
E. Configure the fabric interconnect in FC switch mode
Answer: (SHOW ANSWER)

NEW QUESTION: 180
Refer to the exhibit.



Users report SAN traffic packet loss on a blade server that is managed by using Cisco UCS Manager. An engineer must implement a SPAN feature to an external Fibre Channel analyzer. Which configuration source in the TEST monitoring session must the engineer select?

A. all the uplink Fibre Channel ports

B. all the virtual host bus adapters from the server

C. all the storage ports

D. all the VSANs from the server

Answer: (SHOW ANSWER)

The correct answer is B because in Cisco UCS Manager SAN traffic monitoring (SPAN), the most appropriate source for analyzing traffic generated by a specific blade server is the vHBA (virtual Host Bus Adapter). Cisco UCS documentation explains that SAN traffic monitoring sessions allow administrators to select sources such as uplink FC ports, storage ports, VSANs, or vHBAs, depending on the troubleshooting objective.

Since the issue described is packet loss on a blade server, the engineer must capture traffic as close as possible to the server itself. The vHBA represents the server's Fibre Channel interface, making it the most precise and relevant source for monitoring server-specific SAN traffic. This allows the engineer to analyze exactly what traffic is being transmitted and received by the server.

Option A (uplink FC ports) would capture aggregated traffic from multiple servers, making it difficult to isolate the issue. Option C (storage ports) focuses on storage array communication rather than the server.

Option D (VSANs) provides a broader scope and does not isolate traffic to a single server.

Therefore, selecting vHBAs ensures accurate, targeted troubleshooting of SAN packet loss at the server level.

NEW QUESTION: 181

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

A. aaa authentication login console local

B. aaa authentication login default fallback error local

C. aaa authentication login console fallback error local

D. aaa authentication login default local

Answer: (SHOW ANSWER)

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NEW QUESTION: 182
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 bool from the storage array Which configuration must be performed in the SAN settings in the root organization to satisfy that condition?
A. Create an IQN suffix pool
B. Implement a WWPN pool
C. Enable a host SAN pool
D. Create a virtual iSCSI vNIC
Answer: (SHOW ANSWER)

NEW QUESTION: 183
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. Disable the Finance user account and add the authentication service for the Admin privileges.
B. Create an Admin user account and remove the authentication service for the Finance privileges
C. Delete the old locale Finance and remove the Finance department from the Finance locale
D. Create a new locale Admin and add the Admin department to the Admin locale.
Answer: (SHOW ANSWER)

NEW QUESTION: 184
What is the impact of upgrading the firmware version of the Cisco MDS 9200i Series Switch?
A. The supervisor performs a switchover to the standby supervisor.
B. The traffic traversing FCIP tunnel ISL is impacted.
C. The data plane traffic is not disrupted during the upgrade.
D. The control plane will have slow multicast convergence.
Answer: D (LEAVE A REPLY)

NEW QUESTION: 185
An engineer must integrate Cisco ACI with VMware vCenter The visualization team configured the necessary port groups and assigned them to virtual machines through VMware vCenter The final port group configuration must be protected from being changed by Cisco APIC Which action accomplishes these goals ' ?
A. Create the VMM domain with switch mode set to AVE
B. Configure the VMM domain with tag collection.
C. Activate CDP and LLDP m the VMM domain
D. Set the VMM domain access mode to Read Only Mode.
Answer: (SHOW ANSWER)

NEW QUESTION: 186



A network engineer must SPAN only the ingress traffic of a Cisco MDS 9000 series switch from interface fc 1 /23 to interface fc 1/24. Which two configuration must be applied to complete this task? (Choose two)

A. MDS-A(config-if)# switchport mode TL

B. MDS-A(config-if)# switchport mode SD

C. MDS-A(config-span)# source interface fc 1/23

D. MDS-A(config-span)# source interface fc 1/23 rx

E. MDS-A(config-span)# source interface fc 1/23 tx

Answer: (SHOW ANSWER)

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