

Cisco

Exam Questions 350-601

Implementing and Operating Cisco Data Center Core Technologies



NEW QUESTION 1

DRAG DROP

An engineer is implementing NetFlow on a Cisco Nexus 7000 Series Switch.

Drag and drop the NetFlow commands from the left into the correct order they must be entered on the right.

Select and Place:

N7K-1(config)# interface <interface> N7K-1(config-if)# ip flow monitor NetflowMonitor input	Step 1
N7K-1(config)# feature netflow	Step 2
N7K-1(config)# flow exporter NetflowMonitor N7K-1(config)# flow record NetflowMonitor	Step 3
N7K-1(config)# flow monitor NetflowMonitor	Step 4

- A. Mastered
 B. Not Mastered

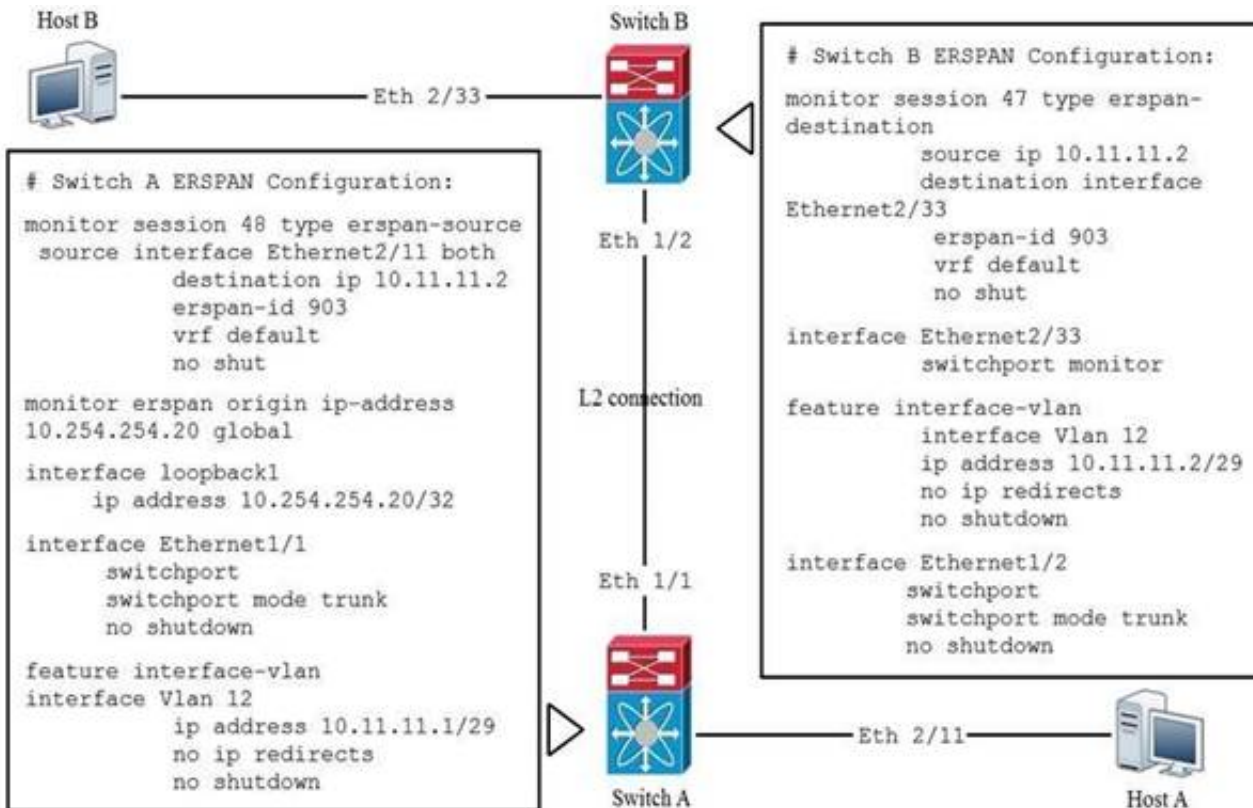
Answer: A

Explanation:

N7K-1(config)# interface <interface> N7K-1(config-if)# ip flow monitor NetflowMonitor input	N7K-1(config)# feature netflow
N7K-1(config)# feature netflow	N7K-1(config)# flow exporter NetflowMonitor N7K-1(config)# flow record NetflowMonitor
N7K-1(config)# flow exporter NetflowMonitor N7K-1(config)# flow record NetflowMonitor	N7K-1(config)# flow monitor NetflowMonitor
N7K-1(config)# flow monitor NetflowMonitor	N7K-1(config)# interface <interface> N7K-1(config-if)# ip flow monitor NetflowMonitor input

NEW QUESTION 2

Refer to the exhibit.



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

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

Answer: D

NEW QUESTION 3

Refer to the exhibit.

```
switch(config)# interface Ethernet 2/2
switch(config)# ip address 172.23.231.240/23
switch(config)# ip verify unicast source reachable-via rx
```

What is configured as a result of running these commands?

- A. loose unicast RPF
- B. strict unicast RPF
- C. IP Source Guard
- D. reverse lookup for outbound packets

Answer: B

NEW QUESTION 4

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

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

Answer: D

NEW QUESTION 5

Refer to the exhibit.

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

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

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

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

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

Answer: A

NEW QUESTION 6

Refer to the exhibit.

```
restart pim
```

Which result of running the command is true?

- A. Multicast traffic forwarding is suspended.
- B. MRIB is flushed.
- C. The PIM database is deleted.
- D. PIM join messages are suspended.

Answer: C

NEW QUESTION 7

Refer to the exhibit.

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

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

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

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

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

Answer: D

NEW QUESTION 8

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

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

Answer: AB

NEW QUESTION 9

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

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

Answer: A

NEW QUESTION 10

Refer to the exhibit.



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

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

Answer: AC

NEW QUESTION 10

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

- A. shared LOM
- B. Cisco card
- C. dedicated
- D. shared LOM EXT

Answer: C

NEW QUESTION 12

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

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

Answer: BD

NEW QUESTION 15

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

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

Answer: B

NEW QUESTION 16

DRAG DROP

An engineer deploys a custom guest shell rootfs onto multiple switches. Drag and drop the steps from the left into the correct order on the right. Export the Guest Shell rootfs.

Select and Place:

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 19

An engineer changed a configuration and must perform a rollback.
Which statement applies to a Cisco Nexus 5600 Series Switch?

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

Answer: A

NEW QUESTION 24

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

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

Answer: AB

NEW QUESTION 27

DRAG DROP

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

Select and Place:

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

- A. Mastered
- B. Not Mastered

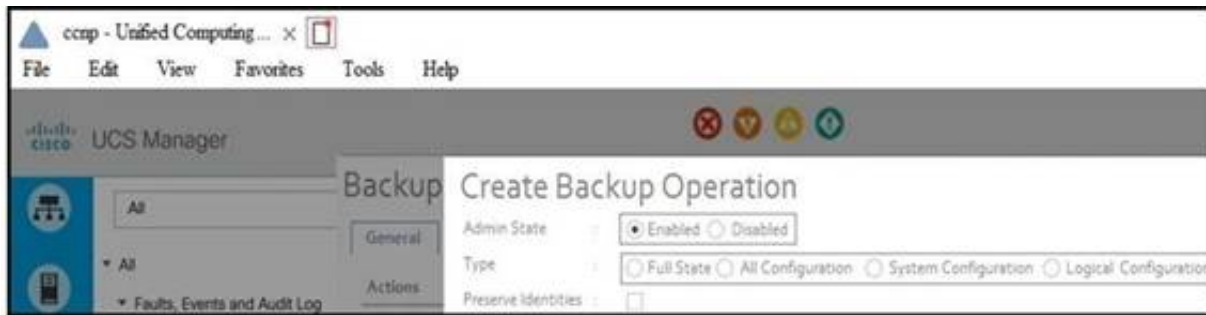
Answer: A

Explanation:

Configure support for VNTag mode on the interface that connects to the server.	Install the virtualization feature set.
Configure the vNICs of the server.	Enable the virtualization feature set.
Configure the server to support NIV mode.	Configure the port profile.
Enable the virtualization feature set.	Configure support for VNTag mode on the interface that connects to the server.
Configure the port profile.	Configure the vNICs of the server.
Install the virtualization feature set.	Configure the server to support NIV mode.

NEW QUESTION 29

Refer to the exhibit.



Which backup operation type does not include the Preserve Identities feature?

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

Answer: C

NEW QUESTION 31

Refer to the exhibit.

```
FI-1# scope org /
FI-1 /org # create maint-policy maintenance
FI-1 /org/maint-policy* # set reboot-policy timer-automatic
FI-1 /org/maint-policy* # set soft-shutdown-timer never
```

Which action must be taken before the maintenance policy can be committed?

- A. Specify a maintenance time by selecting a schedule.
- B. Associate a service profile to the maintenance policy.
- C. Set the soft shutdown timer to a specific time.
- D. Set the policy to apply the changes on the next reboot.

Answer: A

NEW QUESTION 33

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

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

Answer: B

NEW QUESTION 37

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

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

Answer: D

NEW QUESTION 39

Which product includes prebuilt templates that can be used to customize fabric deployments?

- A. Cisco Tetration
- B. Cisco Data Center Network Manager
- C. Cisco ACI
- D. Cisco UCS Manager

Answer: B

NEW QUESTION 41

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

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

Answer: AB

NEW QUESTION 45

Which two methods are available to manage an ACI REST API session authentication when a user is unauthenticated? (Choose two.)

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

Answer: CE

NEW QUESTION 46

What is required for using Puppet in a Cisco NX-OS environment?

- A. OpenNP
- B. XML management interface
- C. NX-API
- D. Open Agent Container

Answer: D

NEW QUESTION 49

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

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

Answer: BE

NEW QUESTION 53

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

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

Answer: B

NEW QUESTION 57

Which feature must be enabled to support the use of JSON and XML encodings when a Cisco Nexus 7000 Series Switch is deployed?

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

Answer: B

NEW QUESTION 60

DRAG DROP

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

can be distributed via fabric services

uses the Exchange Fabric Membership Data protocol

allows a preconfigured set of Fibre Channel devices to logically connect to SAN ports

prevent unauthorized switches from joining the fabric or disrupting current fabric operations

Fabric Binding

Target 1

Target 2

Port Security

Target 3

Target 4

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 61

What is a feature of NFS?

- A. zone-based access control
- B. Kerberos-based security model
- C. block-based file access
- D. role-based access control

Answer: B

NEW QUESTION 63

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