Cisco

Exam Questions 350-601

Implementing and Operating Cisco Data Center Core Technologies

NEW QUESTION 1
Which configuration implements static ingress replication?

A.
```
interface nve 1
  member vni 3716135
  ingress-replication protocol bgp
```

B.
```
interface nve 1
  member vni 3716135
    peer vtep 10.0.0.4
```

C.
```
interface nve 1
  member vni 3716135
    peer vtep 10.0.0.4
    ingress-replication protocol static
    peer-ip 10.0.0.4
```

D.
```
interface nve 1
  member vni 3716135
  ingress-replication protocol static
    peer-ip 10.0.0.4
```

Answer: D

NEW QUESTION 2
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 3
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 1d = 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 4
What are two capabilities of the Cisco Network Assurance Engine? (Choose two.)

A. It validates that devices comply with network security policies.
B. It predicts the impact of changes to the network.
C. It predicts the network load on a data center.
D. It ensures that network performance meets an SLA.
E. It verifies the speed of network packet flows by using telemetry.

Answer: AB

NEW QUESTION 5
Which method must a network engineer use to upgrade the BIOS firmware or a Cisco UCS standalone C-Series rack- mount server?

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

Answer: B

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

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

Answer: A

NEW QUESTION 7
An engineer is asked to use SaaS to manage Cisco computing.
Which two items are needed to accomplish the task? (Choose two.)

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

Answer: AE

NEW QUESTION 8
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 9
Refer to the exhibit.

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

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

What is the result of this series of commands?

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

Answer: B

NEW QUESTION 10
When the default firmware package is set to a new version, which type of policy determines the liming of server reboots during the firmware upgrade?

A. diagnostics
B. maintenance
C. local disk
D. BIOS

Answer: B

NEW QUESTION 10
Which statement about the impact of a rolling EPLD upgrade on a Cisco MDS 9000 Series Switch is true?

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

Answer: B

NEW QUESTION 14
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:

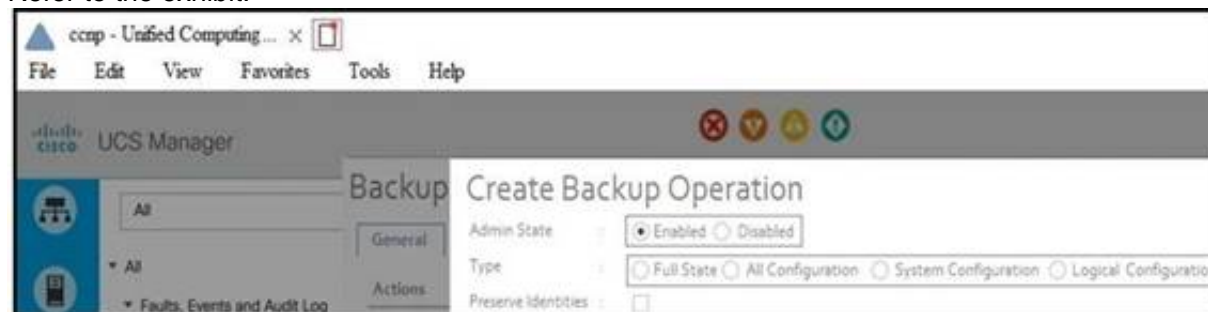|	
Configure support for VNTag mode on the interface that connects to the server.	Install the virtualization feature set.
Configure the vNICs of the server.	Enable the virtualization feature set.
Configure the server to support NIV mode.	Configure the port profile.
Enable the virtualization feature set.	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 15
Multiple roles are applied to a user on the Cisco MDS 9000 Series Switch.
Which statement is true?

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

Answer: B

NEW QUESTION 16
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 17
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 18
DRAG DROP
Drag and drop the characteristics from the left onto the correct storage systems on the right.
Select and Place:

| expensive and complex to manage |
| moderately expensive and simple to configure |
| most resilient, highly scalable, and high-performance storage |
| appliance prowling file system access |
| lacks scalability, performance, and advanced features |

NAS

SAN

A. Mastered
B. Not Mastered

Answer: A

Explanation:

| expensive and complex to manage |
| moderately expensive and simple to configure |
| most resilient, highly scalable, and high-performance storage |
| appliance prowling file system access |
| lacks scalability, performance, and advanced features |

NAS
| lacks scalability, performance, and advanced features |
| moderately expensive and simple to configure |
| appliance prowling file system access |

SAN
| expensive and complex to manage |
| most resilient, highly scalable, and high-performance storage |

NEW QUESTION 21
An engineer is implementing NPV mode on a Cisco MDS 9000 Series Switch.
Which action must be taken?

A. NPIV must be enabled on the upstream switch.
B. The FCNS database must be disabled in the fabric.
C. A port channel must be configured to the upstream switch.
D. All switches in the fabric must be Cisco MDS switches.

Answer: A

NEW QUESTION 22
Which two statements about modifying Cisco UCS user accounts are true? (Choose two.)

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

Answer: AD

NEW QUESTION 26
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 28
A customer has a requirement for an automation solution that supports periodically acquiring configuration from a centralized server and aligning UCS servers to their desired state. Which open-source tool meets this requirement?

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

Answer: C

NEW QUESTION 32
What is an advantage of using Ansible for automation as compared to Puppet and Chef?

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

Answer: A

NEW QUESTION 36
An engineer is running an ACI fabric, has VMM integration with VMware vCenter, and wants to enable microsegmentation based on vCenter VM attributes. Which statement about microsegmentation is true?

A. ACI does not support microsegmentation based on vCenter VM attribute
B. You should use network attributes for microsegmentation.
C. When enabled, microsegmentation performs distributed switching and routing on the ESXi hosts.
D. Microsegmentation is supported only using AVE or AVS.
E. An ACI microsegmented EPG automatically creates a port group with a private VLAN configured on a VMware vCenter distributed virtual switch.

Answer: D

NEW QUESTION 40
Which two authentication types does Cisco UCS Manager support when configuring authentication? (Choose two.)

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

Answer: BE

NEW QUESTION 45
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