

# Cisco

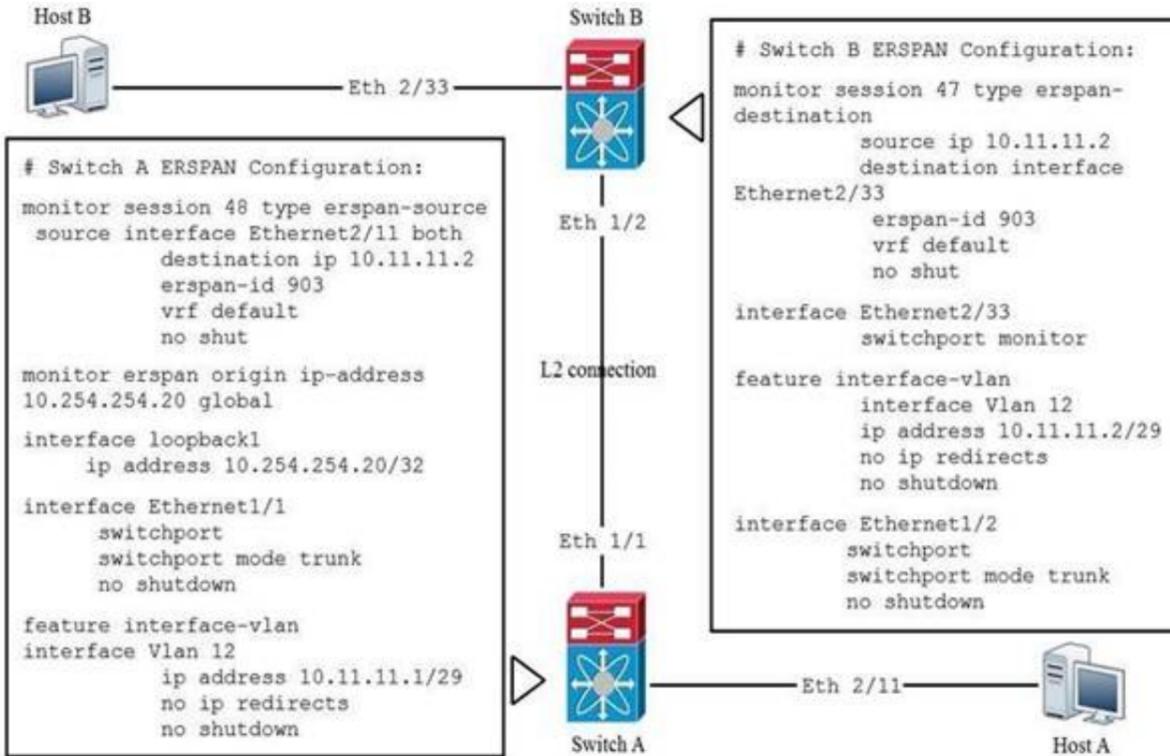
## Exam Questions 350-601

Implementing and Operating Cisco Data Center Core Technologies



**NEW QUESTION 1**

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 2**

Refer to the exhibit.

```

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

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

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

**Answer: AE**

**NEW QUESTION 3**

The engineer must configure SPAN on a Cisco Nexus 5000 Series Switch to get a capture of the traffic from these applications for an in-depth packet analysis. Which two SPAN characteristics must be considered? (Choose two.)

- A. SPAN source ports can be monitored in multiple SPAN sessions.
- B. The Ethernet, FC, vFC, port channel, SAN port channel can be used as SPAN source ports.
- C. A SPAN source port cannot be a destination SPAN port.
- D. Only Ethernet, FC, vFC, port channel port types can be used as SPAN source ports.
- E. The rx/tx option is available for VLAN or VSAN SPAN sessions.

**Answer: BC**

**NEW QUESTION 4**

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 5**

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 6**

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 7**

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 8**

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

- A. Run the shut and no shut command on the connected ports.
- B. Move the chassis to new ports on fabric interconnect.
- C. Decommission the chassis.
- D. Re-acknowledge the chassis.

**Answer: C**

**NEW QUESTION 9**

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

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

**Answer:** BE

**NEW QUESTION 10**

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 10**

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

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

**Answer:** CE

**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 14**

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

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

**Answer:** B

**NEW QUESTION 19**

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 24**

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

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

**Answer:** B

**NEW QUESTION 26**

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 29**

Refer to the exhibit.

```

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

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

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

**Answer: B**

**NEW QUESTION 31**

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

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

**Answer: BD**

**NEW QUESTION 36**

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

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

**Answer: DE**

**NEW QUESTION 39**

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 41**

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 42**

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 44**

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

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

**Answer: A**

**NEW QUESTION 45**

DRAG DROP

A network engineer must implement RBAC on Cisco MDS 9000 Series Multilayer Switches. Drag and drop the Cisco MDS 9000 Series roles from the left onto the correct categories on the right. Select and Place:

san-operator	<b>System Defined</b> _____ _____ _____
global-admin	
server-admin	
storage-admin	
network-admin	
network-operator	
	<b>User Defined</b> _____ _____ _____

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

san-operator	<b>System Defined</b> network-admin network-operator server-admin
global-admin	
server-admin	
storage-admin	
network-admin	
network-operator	
	<b>User Defined</b> san-operator storage-admin global-admin

**NEW QUESTION 46**

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 50**

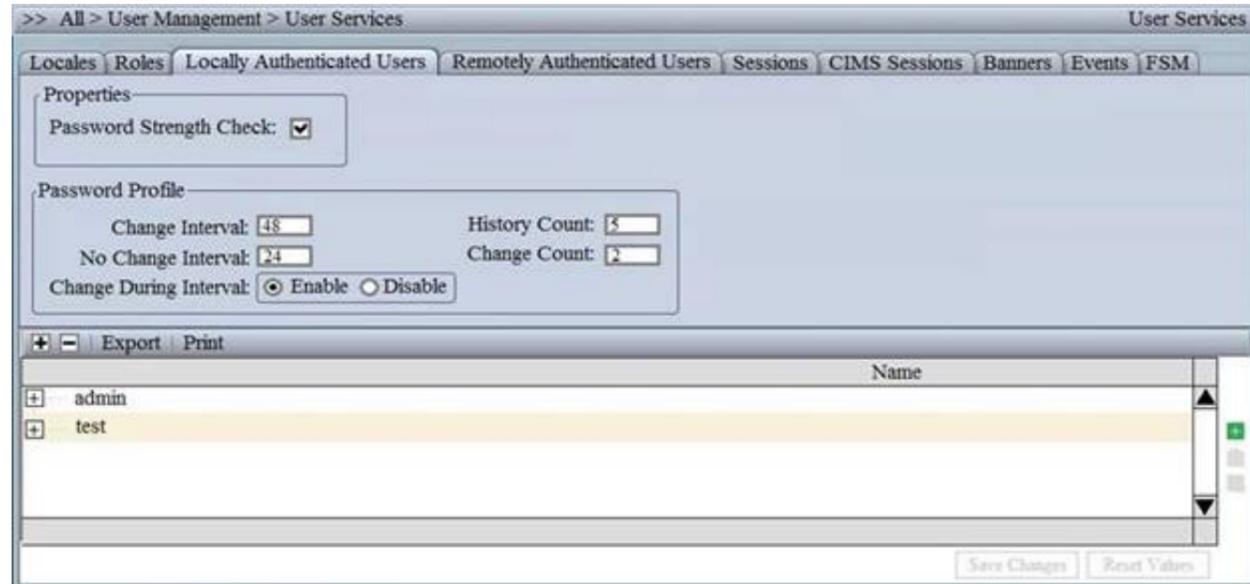
Which two authentication types does Cisco UCS Manager support when configuring authentication? (Choose two.)

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

**Answer: BE**

**NEW QUESTION 53**

Refer to the exhibit.



Which setting must be configured to prevent the reuse of passwords?

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

**Answer: C**

**NEW QUESTION 54**

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