Cisco

Exam Questions 300-615

Troubleshooting Cisco Data Center Infrastructure (DCIT)

NEW QUESTION 1
A vPC Type-1 inconsistency between two vPC peers in a VXLAN EVPN setup is discovered. Which two actions need to be attempted to resolve the issue? (Choose two.)

A. Configure the NVE interfaces to be Up on both switches.
B. Set a different distributed gateway virtual MAC address.
C. Set a different secondary IP addresses on NVE source-interface.
D. Configure the same VNI to multicast group maping.
E. Set a different primary IP addresses on NVE source-interface.

Answer: AD

NEW QUESTION 2
Refer to the exhibit. A network engineer has connected the Nexus switch management port to the Internet using DHCP to allow the Guest shell running on the switch to download Python packages. The engineer can ping google.com successfully from the Nexus switch, but the Guest shell failed to download any Python packages. Which action resolves the problem?

A. Update the Python packages on the Cisco Nexus switch directly.
B. Manually configure DNS in the Guest shell, even if it is claimed on the Cisco Nexus switch through DHCP.
C. Manually configure NTP in the Guest shell.
D. Connect Guest shell to data plane interfaces to be able to connect to the networks outside the Cisco Nexus switch.

Answer: B

NEW QUESTION 3

```
switch1# show vpc brief
Legend:
(*) - local vPC is down, forwarding via vPC peer-link

vPC domain id : 500
Peer status : peer link is down
vPC keep-alive status : Suspened (Destination IP not reachable)
Configuration consistency status : success
vPC role : secondary, operational primary
Number of vPCs configured : 4
Peer Gateway : Disabled
Dual-active exluded VLANs : -

vPC Peer-link status
-----------------------------------------------------------------
id  Port   Status  Active   vlans
--- -----  ------- -----------------------------------------------
1 Po500 down -

switch2# show vpc brief
Legend:
(*) - local vPC is down, forwarding via vPC peer-link

vPC domain id : 20
Peer status : peer link is down
vPC keep-alive status : Suspened (Destination IP not reachable)
Configuration consistency status : success
vPC role : secondary, operational primary
Number of vPCs configured : 4
Peer Gateway : Disabled
Dual-active exluded VLANs : -

vPC Peer-link status
-----------------------------------------------------------------
id  Port   Status  Active   vlans
--- -----  ------- -----------------------------------------------
1 Po500 down -
```

Refer to the exhibit. vPC between switch1 and switch2 is not working. Which two actions are needed to fix the problem? (Choose two.)

A. Match vPC domain ID between the two devices.
B. Configure IP address on the interface.
C. Activate VLANs on the vPC.

D. Configure vPC peer link and vPC peer keepalive correctly.
E. Configure one of the switches as primary for the vPC.

Answer: AC

NEW QUESTION 4
Refer to the exhibit. Sw1 and Sw2 are two Cisco Nexus 9000 Series Switches that run Cisco NX-OS. They are VTEPs in the same vPC domain. Which statement describes what happens in this scenario?

A. Sw1 drops all traffic because there is no (S, G) OIF list to encapsulate VXLAN multicast packets and send them out to the underlay network through the uplink interfaces.
B. Sw1 performs the VxLAN multicast encapsulation and decapsulation for all traffic associated with the VxLAN VNIs.
C. Sw1 and switch 2 perform the VxLAN multicast encapsulation and decapsulation for all traffic associated with the VxLAN VNIs, depending on the hashing.
D. Sw2 did not send an IP PIM register to the rendezvous point for the multicast group of the VXLAN VNI.

Answer: B

NEW QUESTION 5
An engineer is troubleshooting a packet flow from an access leaf to spine. Which EVPN routes are expected on this connection?

A. EVPN Type 1-5
B. EVPN Type 0,9,15
C. EVPN Type 9-15
D. EVPN Type 0,16

Answer: A

NEW QUESTION 6

```
Cisco VIC iSCSI, Boot Driver Version 2.0 (1w)
(C) 2010 Cisco Systems, Inc.
Initialize error 1
```

Refer to the exhibit. An engineer is configuring boot from iSCSI on a Cisco UCS B-Series Blade Server, but the LUN fails to mount. Which action resolves the issue?

A. Statically configure the target information in the Boot Policy.
B. Configure an MTU size of 9000 on the appliance port.
C. Configure a QoS policy on the vNIC.
D. Set a connection timeout value of 250 in the iSCSI Adapter Policy.

Answer: A

NEW QUESTION 7
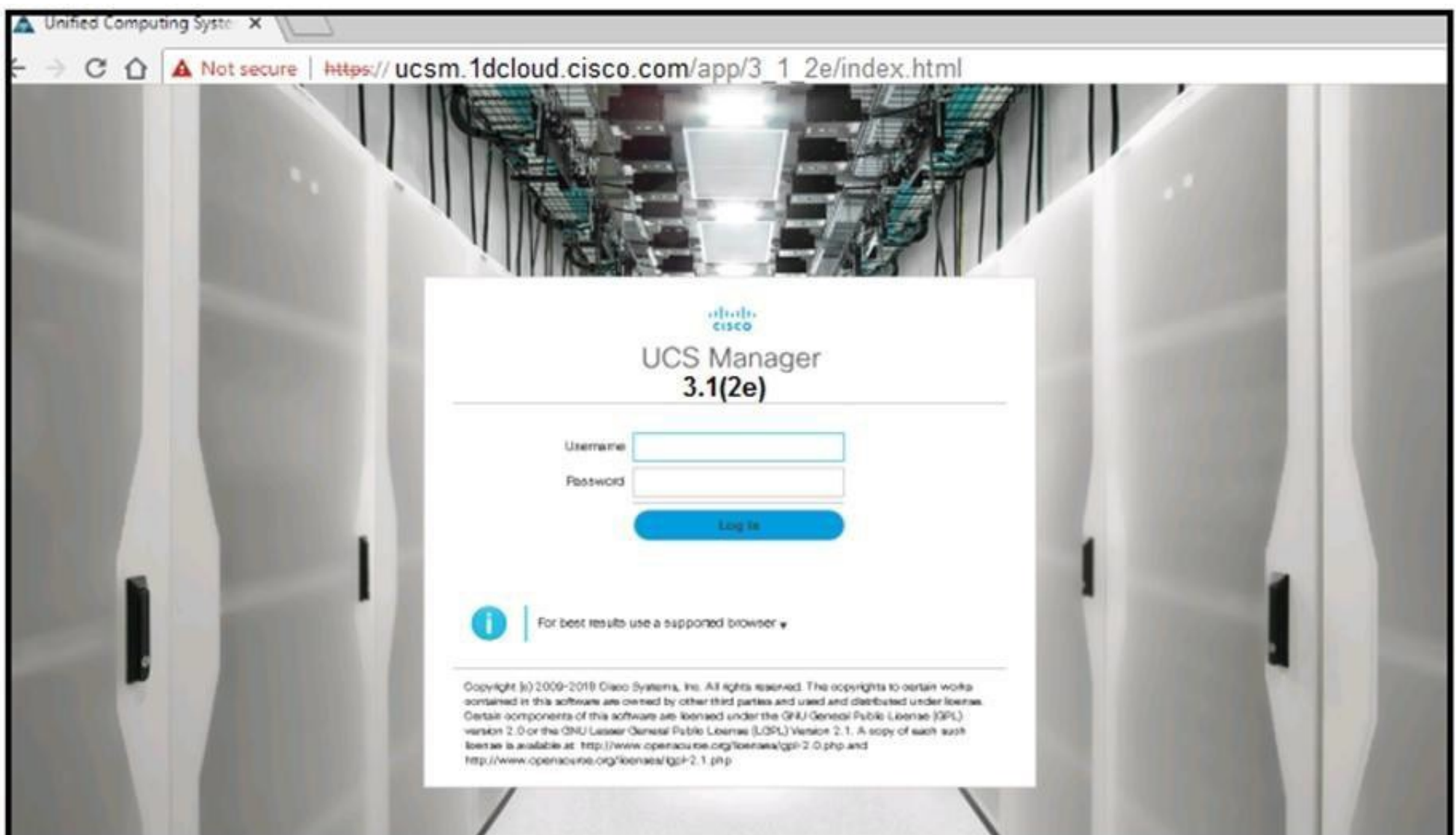
Refer to the exhibit. A web browser displays a "not secure" warning message when accessing the web interface of Cisco UCS Manager. Which action resolves the issue?

A. Load third-party certificate to UCS Manager.
B. Use the correct TCP port for HTTPS.
C. Use a supported web browser.
D. Use a supported version of UCS Manager.

Answer: A

NEW QUESTION 8
An engineer attempts to register Cisco UCS Manager to Cisco UCS Central, but the registration fails. The engineer can ping Cisco UCS Central from UCS Manager. Which two actions must the engineer attempt to resolve the problem? (Choose two.)

A. Synchronize the date and time to NTP for Cisco UCS Central and the Cisco UCS domains.
B. Apply the UCS Central license to UCS Central.
C. Place Cisco UCS Manager on the same subnet as Cisco UCS Central.
D. Allow port 443 between Cisco UCS Manager and Cisco UCS Central.
E. Allow port 9443 between Cisco UCS Manager and Cisco UCS Central.

Answer: AD

NEW QUESTION 9
An engineer must replace a failed memory on a Cisco UCS B-Series Blade Server. After the replacement was done, the server has a "resolve slot" warning. Which server maintenance action resolves the issue?

A. Perform diagnostic interrupt on the server.
B. Re-acknowlegement the server.
C. Reset the server.
D. Decomission the server.

Answer: B

NEW QUESTION 10
Cisco Unified Computing System Manager raises a critical error message that indicates that the system has overlapping Ethernet and FCoE VLANs. All of the Ethernet traffic on the overlapping VLANs drops. Which action resolves the issue?

A. Modify the VLAN assignment to vNICs.
B. Change the PIN groups on the vHBAs.
C. Modify the FCoE VLAN.
D. Set the FCoE VLAN as the native VLAN on server uplinks.

Answer: A

NEW QUESTION 10
A user reports that they cannot reach from a UCS server to an FC Storage array. Which command is used to test communication between an FCF and a target?

A. fcroute
B. traceroute
C. fcping
D. ping

Answer: C

NEW QUESTION 14
Refer to the exhibit. A new Cisco Nexus 5548 Switch connects to a network. SAN switching is configured on the switch. The switch fc2/10 NP uplink is shown in the exhibit. Which action ensures that fc2/10 is in an up state?

A. Replace the SFP port module in fc2/10.
B. Configure the admin port type E on the upstream switch that connects the port.
C. Enable NPIV on the upstream switch that connects the port.
D. Configure the BB_credit buffers on the upstream switch that connects the port.

Answer: C

NEW QUESTION 19
A server fails to boot from the operating system after a RAID1 cluster migration. The RAID remains in an inactive state during and after a service profile association. Which action resolves the issue?

A. Configure the SAN boot target in the service profile.
B. Configure the SAN boot target to any configuration mode.
C. Use a predefined local disk configuration policy.
D. Remove the local disk configuration policy.

Answer: C

NEW QUESTION 22

```
serverteam Cleartext-Password := "<password>"

Cisco-avpair = "shell:domains = user/admin/,common//read-
all(16000)"
```
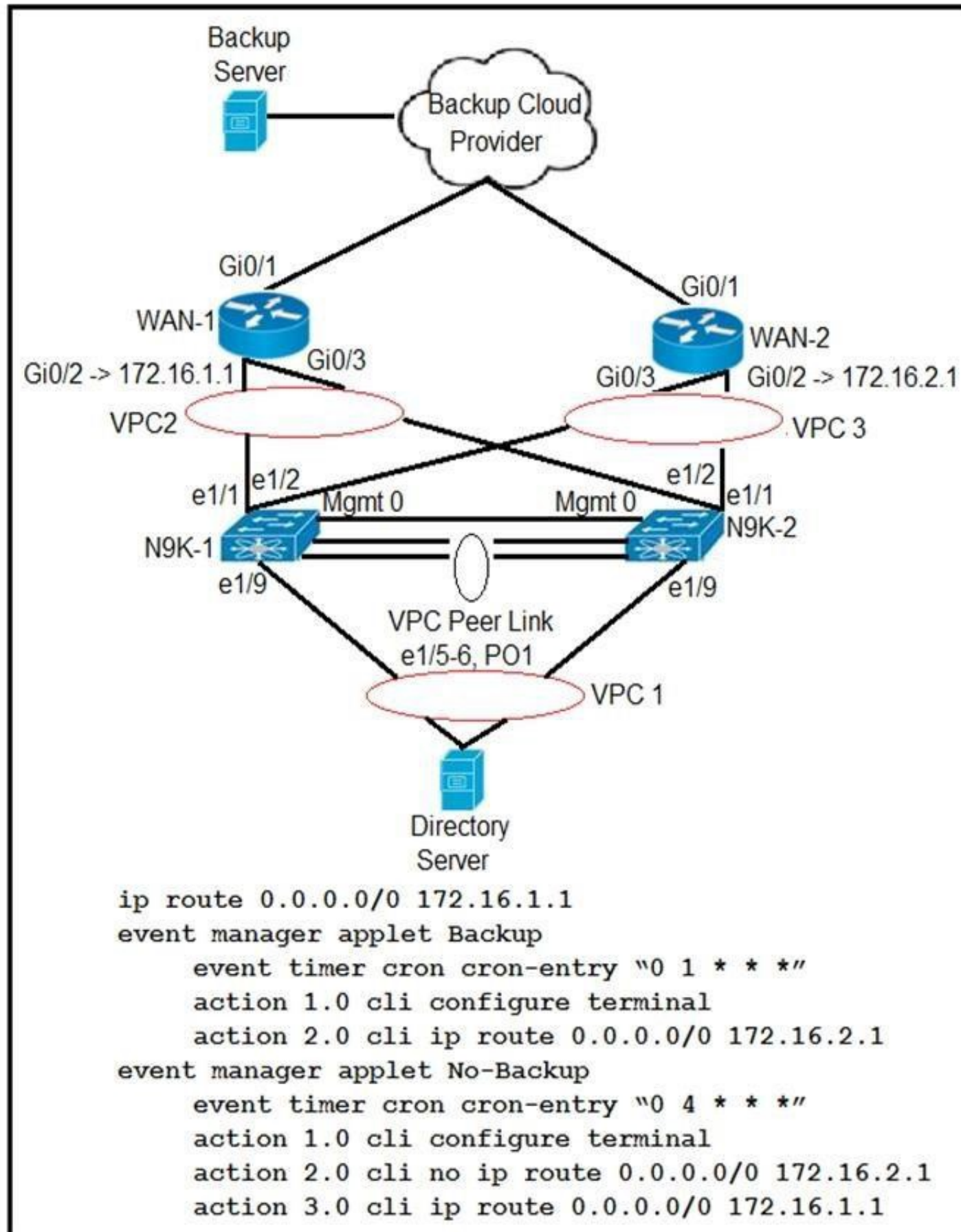
Refer to the exhibit. An engineer is investigating a role mapping issue on a switch. The users report that they cannot view the IP addresses under the tenant "corp". Which action resolves the issue?

A. Add the users to the RADIUS server.
B. Update the UNIX ID.
C. Configure the correct secret password between the APIC and the RADIUS server.
D. Add the updated avpair to include/corp/admin/

Answer: C

NEW QUESTION 23


```
ip route 0.0.0.0/0 172.16.1.1
event manager applet Backup
      event timer cron cron-entry "0 1 * * *"
      action 1.0 cli configure terminal
      action 2.0 cli ip route 0.0.0.0/0 172.16.2.1
event manager applet No-Backup
      event timer cron cron-entry "0 4 * * *"
      action 1.0 cli configure terminal
      action 2.0 cli no ip route 0.0.0.0/0 172.16.2.1
      action 3.0 cli ip route 0.0.0.0/0 172.16.1.1
```

▪ Refer to the exhibit. Partial configuration from N9K-1 and N9K-2 is included. The client has two WANs connected. WAN-1 is for normal business-day activities.
▪ WAN-2 is for server backups during nonworking hours of 1:00 a.m. to 5:00 a.m. daily.
The client says that at the scheduled time for backup, the data center server failed to use the WAN-2 link to back up the servers to the cloud backup system. What is the solution to this problem?

A. The event timer must be written in epoch time format.
B. The Cisco Nexus switch must be configured with one applet because a configuration with two applets will fail.
C. The Cron entry must be configured without double quotes.
D. The applet called "Backup" must include an action to remove the current static route.

Answer: D

NEW QUESTION 24

```
switch# guestshell resize cpu 4
Note: System CPU share will be resized on Guest shell enable
```

Refer to the exhibit. After the configuration is performed, guestshell continues to use 2%CPU. Which action resolves the issue?

A. Resync the database
B. Recreate the guestshell
C. Reboot the guestshell
D. Reboot the switch

Answer: C

NEW QUESTION 25
An engineer is troubleshooting a custom AV pair that was created by a client on an external authentication server to map a read-only role for a specific security domain. Which AV pair solves the problem?

A. shell:domains=Security_Domain_1//Read_Role_1|Read_Role_2
B. shell:domains=Security_Domain_1/Write_Role_1|Read_Role_2
C. shell=Security_Domain_1/Read_Role_1|Read_Role_2
D. shell:domains=Security_Domain_1/Read_Role_1|Read_Role_2

Answer: A

NEW QUESTION 30
DRAG DROP
A firmware upgrade on a fabric interconnect fails. A bootflash contains a valid image. Drag and drop the recovery steps from the left onto the correct order on the right.
Select and Place:

A. Mastered
B. Not Mastered

Answer: A

NEW QUESTION 33
Refer to the exhibit. Cisco UCS Manager is being upgraded using the Auto Install feature, but the FSM fails. Which action resolves the issue?

A. Acknowledge the primary fabric interconnect.
B. Remove the service pack from the subordinate fabric interconnect.
C. Clear the startup version of the default infrastructure pack.
D. Upgrade the firmware of the infrastructure firmware by using the force option.

Answer: C

NEW QUESTION 34
After upgrading a client's fabric interconnect to the latest version, an engineer discovers that the appliance has lost its entire configuration. Which two locations should an engineer check to confirm that the appliance had backed up the configuration prior to the upgrade in order to retrieve the lost configuration? (Choose two.)

A. Equipment FSM page, InternalBackup stage
B. Service profiles page, InternalBackup stage
C. Admin page, PollInternalBackup stage
D. Equipment FSM page, PollInternalBackup stage
E. Admin page, InternalBackup stage.

Answer: AC

NEW QUESTION 38
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