Cisco

Exam Questions 300-615

Troubleshooting Cisco Data Center Infrastructure (DCIT)

NEW QUESTION 1

```
N9K-A                                  N9K-B
interface Vlan100                      interface Vlan100
ip address 10.10.100.194/26            ip address 10.10.100.195/26
ip router eigrp 50                     ip router eigrp 50
ip passive-interface eigrp 50          ip passive-interface eigrp 50
hsrp 100                               hsrp 100
authentication text pa$$word           authentication text pa$$word
preempt                                preempt
priority 150                           priority 120
timers msec 500 msec 1000              timers msec 300 msec 1500
ip 10.10.100.193                       ip 10.10.100.193
no shutdown                            no shutdown


N9K-A# sh hsrp brief
*:IPv6 group   #:group belongs to a bundle
                   P indicates configured to preempt.
Interface  Grp  Prio   P State  Active addr  Standby  addr  Group addr
Vlan100    100  150    P Active local          unknown  10.10.100.193  (conf)

N9K-B# sh hsrp brief
*:IPv6 group   #:group belongs to a bundle
                   P indicates configured to preempt.
Interface  Grp  Prio   P State  Active addr Standby  addr  Group addr
Vlan100    100  120    P Active local          unknown  10.10.100.193  (conf)
```

Refer to the exhibit. The HSRP instance on both switches is showing as active. Which action resolves the issue?

A. Configure the HSRP timers to be the same.
B. Allow VLAN 100 between the switches.
C. Configure the IP address of N9K-B on the same subnet as N9K-A.
D. Configure preempt on only one of the switches.

Answer: B

NEW QUESTION 2

```
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 : Suspended (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 : Suspended (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 3
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 4
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 5

```
switch# show interface fc1/5
fc1/5 is down (NPV upstream port not available)
Hardware is Fibre Channel, SFP is short wave laser w/o OFC (SN)
Port WWN is 20:47:00:0d:ac:a4:3b:83
Admin port mode is F, turnk mode is off
snmp link state traps are enabled
Port vsan is 100
      Receive data field Size is 2112
```

Refer to the exhibit. Interface fc1/5 is offline. Which action should be taken to troubleshoot the issue?

A. Activate the correct zoneset for VSAN 100.
B. Update the FLOGI database to contain the FLOGI entries for interface fc1/5 in VSAN 100.
C. Update the FCNs database to contain names for VSAN 100.
D. Configure the upstream ports and the server ports to be in VSAN 100.

Answer: D

NEW QUESTION 6
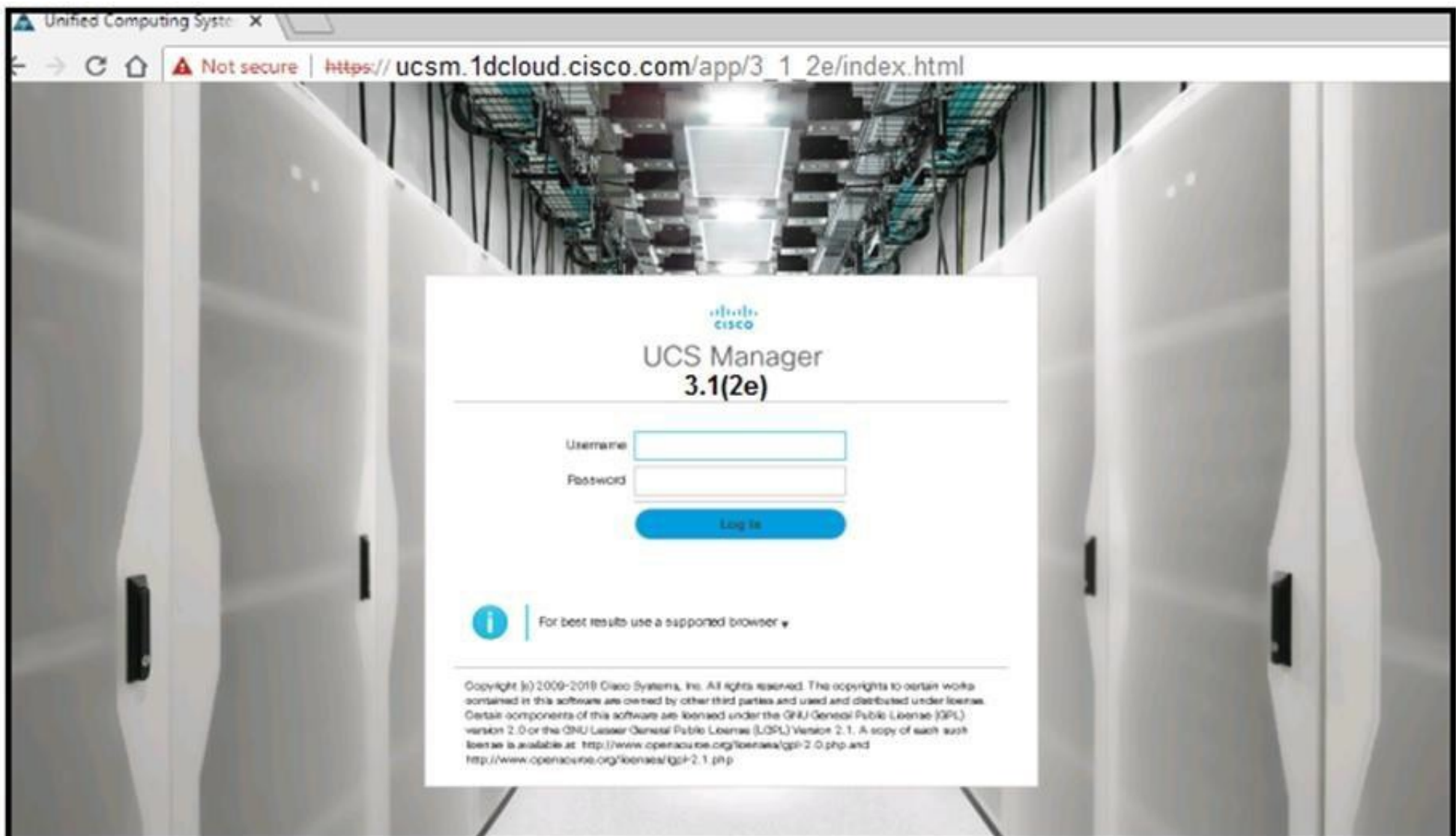
Refer to the exhibit. A web browser displays a "not secure" warning message when accessing the web interface of Cisco UCS Manager. Which action resolves the issue?

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 7
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 8
You have an ACI environment with three APICs, two spine switches, and four-leaf switches. You wipe and reboot all APICs first then leaf and spine switches one-by-one and successfully go through the Initial Setuo dialogue on the APIC 1 CIMC KVM console. When you log in to the APIC1 WebGUI, you notice that you do not see any directly connected leaf switches being discovered under Fabric > Inventory > Fabric Membership. What is the cause of the issue?

A. The leaf nodes were not erased properly, which caused a fabric parameters mismatch with the APIC1.
B. Rebooting the APICs and the leaf and spine switches after wiping them is not required.
C. You forgot to enter the TEP Pool value during the Initial Setup dialogue on APIC1.
D. The same Fabric Name value should be used before after wiping all devices.

Answer: C

NEW QUESTION 9

```
FC0001# show zone active
zone name hba1_VN0001 vsan 3201
  fcid 0x970209 [pwwn 50:ab:0b:00:00:c2:8f:de]
* fcid 0x970102 [pwwn 20:ba:00:a0:98:3b:6f:d8]

zone name hba1_VN0002 vsan 3201
* fcid 0x970200 [pwwn 50:ab:0b:00:00:c2:8a:67]
  fcid 0x9700c2 [pwwn 20:ba:00:a0:98:3b:61:99]
```

Refer to the exhibit. The initiator that has FC ID 0x970102 fails to communicate with the target that has FC ID 0x970200. What action resolves the issue?

A. Reconfigure the initiator and the target to be in the same zones.
B. Reactivate the zoneset.
C. Reset the port for FC ID 0x970102 and FC ID 0x970200 to log in to the fabric.
D. Reset the port for FC ID 0x970209 and FC ID 0x9700c2 to log in to the fabric.

Answer: B

NEW QUESTION 10

One of Cisco Nexus Series interfaces has become errdisabled with the error message "DCX-No ACK in 100 PDUs". What is the cause of this error?

A. The host has not responded to the Control Sub-TLV DCBX exchanges of the switch.
B. The acknowledgement number in the server response has not incremented for 100 exchanges.
C. Cisco Discovery Protocol is disabled on the switch.
D. LLDP is disabled on the switch.
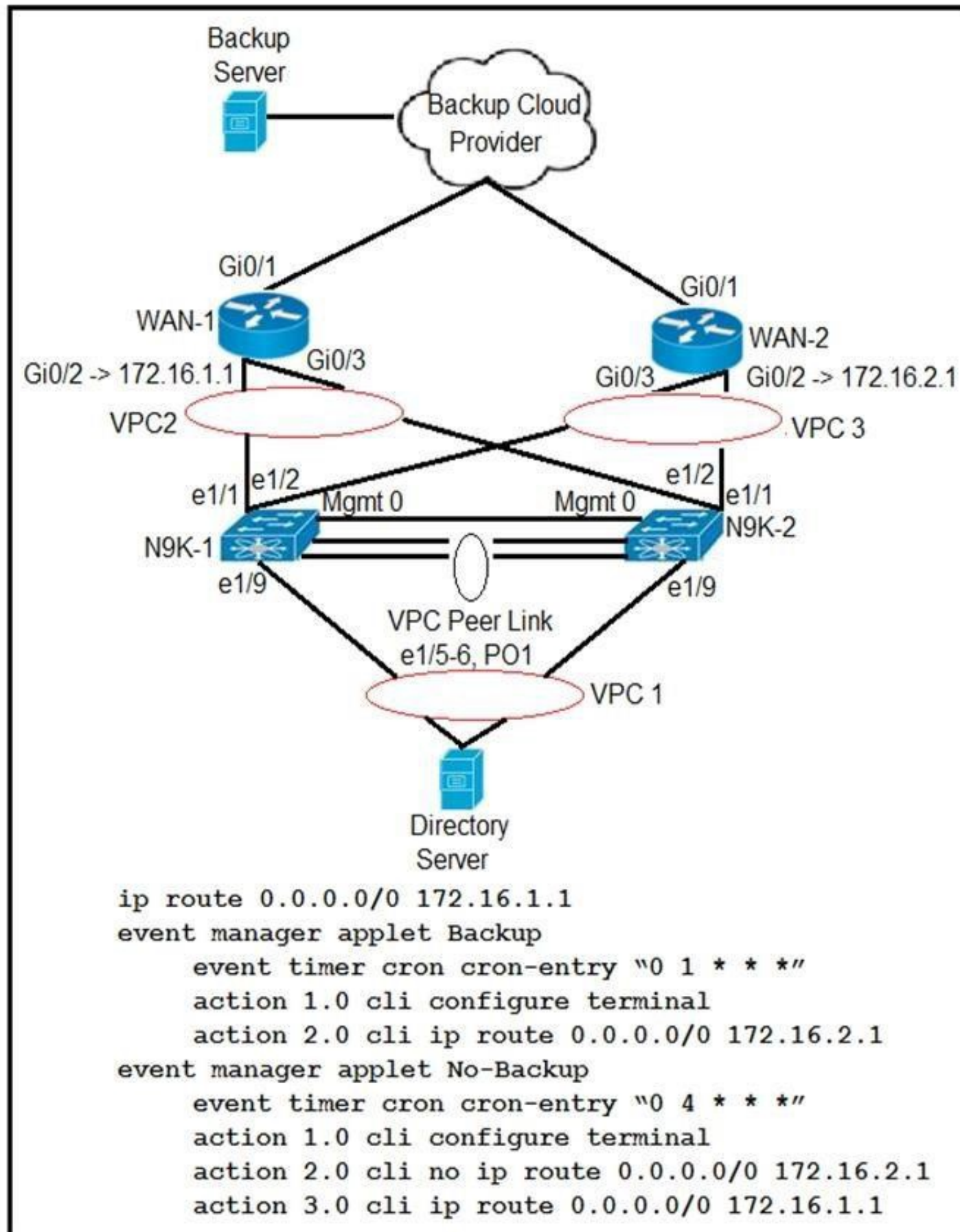
Answer: B

NEW QUESTION 10

```
event manager applet looback_online override -BootupPortLoopback
    action 1 syslog priority notifications msg "Switch Online"
    action  2 policy-default
```

Refer to the exhibit. The EEM script overrides all events in the system policy. What should be added to the script to resolve the issue?

A. event statement
B. environment variable
C. event-default action statement
D. configure terminal action

Answer: A

NEW QUESTION 13

```
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 14
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 19
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 23
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