

## 400-151 Dumps

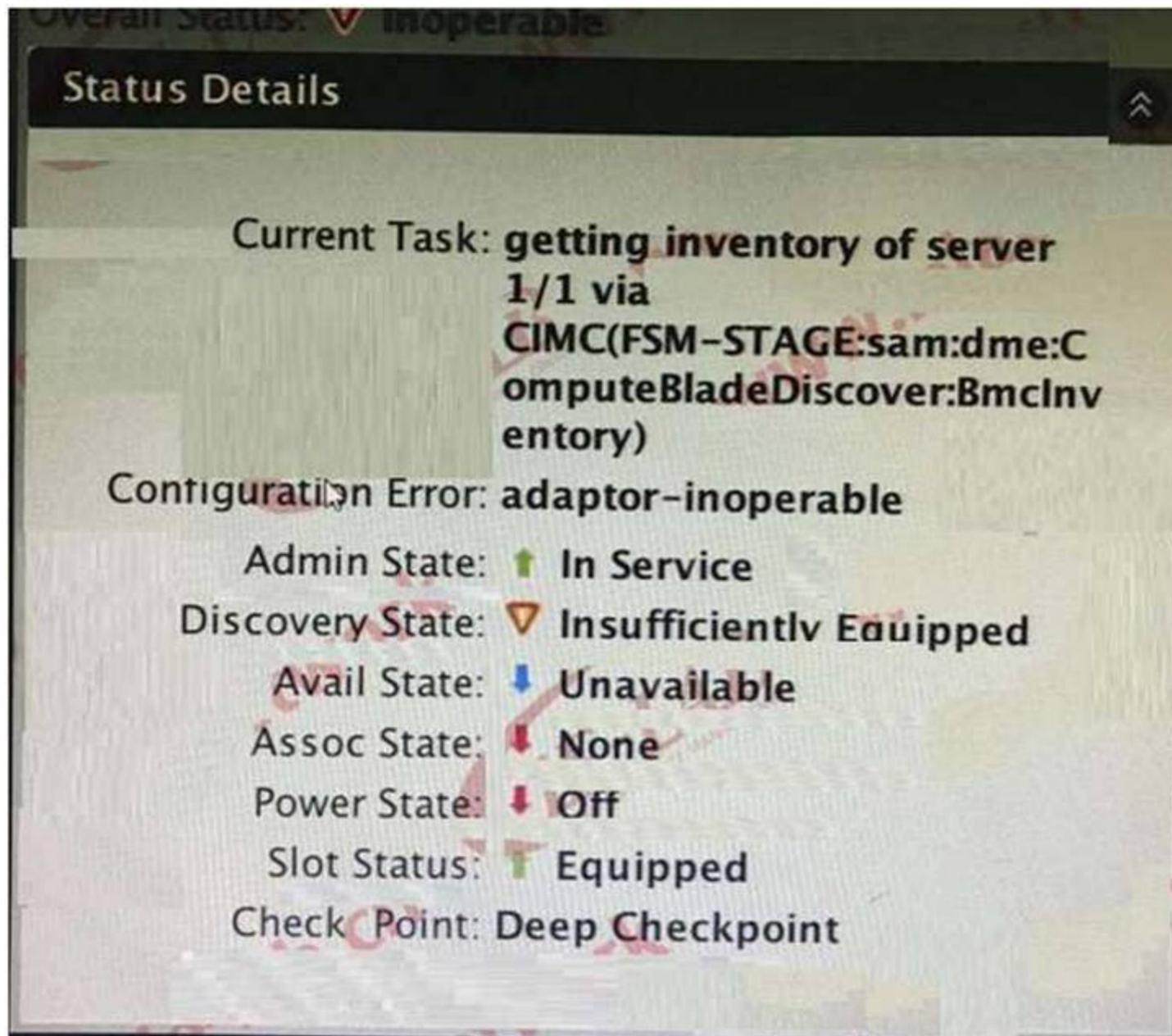
### CCIE Data Center Written Exam

<https://www.certleader.com/400-151-dumps.html>



**NEW QUESTION 1**

Refer to the exhibit.



After you upgrade Cisco UCS firmware, some of your blades have these error messages. Which description of the problem is true?

- A. Storage provisioning is not configured
- B. Some components are deprecated
- C. vNIC template must be converted to updating
- D. Service profile requires a connectivity policy

**Answer: D**

**NEW QUESTION 2**

Which three of the following are key components to provide network connectivity to an IoT Solution?  
(Choose three)

- A. Voice
- B. Service Provider
- C. Wireless
- D. Routing
- E. Firewalling
- F. Switching

**Answer: BCE**

**NEW QUESTION 3**

An IoT Solution is more likely to generate a lot of analytics and data. Which of the following enables this information to be analysed and managed through integration with 3rd party devices and applications?

- A. ASR
- B. API
- C. Prime Infrastructure
- D. IP67

**Answer: B**

**NEW QUESTION 4**

Refer to the exhibit.

```

adapter 1/7/1 (fls):1# lunlist

vnic : 14 lifid: 3
- FLOGI State : flogi est (fc_id 0x3a00c0)
- FLOGI Sessions
- WWNN 21:00:00:24:ff:77:f2:9a WWPN 21:00:00:24:ff:77:f2:9a fc_id 0x000000
- LUN's configured (SCSI Type, Version, Vendor, Serial No.)
LUN ID : 0x000000000000000000000000 access failure
- REPORT LUNs Query Response
- WWNN 21:00:00:24:ff:77:f2:99 WWPN 21:00:00:24:ff:77:f2:99 fc_id 0x000000
- LUN's configured (SCSI Type, Version, Vendor, Serial No.)
LUN ID : 0x000000000000000000000000 access failure
- REPORT LUNs Query Response
- Nameserver Query Response
- WWPN : 21:00:00:24:ff:77:f2:98
- WWPN : 21:00:00:24:ff:77:f2:90
    
```

This output is observed when troubleshooting a blade that is unable to boot from SAN. Which action must the Cisco UCS administrator take to resolve this issue

- A. Check the zoning configuration on the fibre Channel switch
- B. Check the vHBA VSAN configuration in service profile
- C. Check the fabric interconnect storage uplink ports
- D. Check the iscsi initiator group pool
- E. Check the LUN masking configuration on the storage array

Answer: A

**NEW QUESTION 5**

DRAG DROP

Drag and drop the Spanning Tree protocol standards from left onto the correct characteristics on the right

802.1w	provides enhanced convergence over traditional Spanning-Tree.
802.1s	defines boundary within which a single instance of STP operates.
BPDU	data message transmitted across a local area network to detect loops.
system ID extension	12-bit field that helps to uniquely identify bridge identifiers on a per VLAN basis.
802.1d	provides a loop-free topology for one spanning-tree instance for the entire bridged network.

Answer:

Explanation:



**NEW QUESTION 6**

Which two prerequisites for BFD are true? (Choose two)

- A. Install NETWORK\_SERVICES\_PKG license
- B. For Layer 3 port channels used by BFD, you must enable LACP on the port channel
- C. Disable the IP packet verification check for identical IP source and destination addresses
- D. Enable ICMP redirect messages on BFD-enabled interfaces
- E. For Layer 2 port channels used by BFD, you must disable LACP on the port channel

**Answer:** BC

**Explanation:**

[https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/5\\_x/nx-os/interfaces/configuration/guide/if\\_cli/if\\_bfd.html](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/5_x/nx-os/interfaces/configuration/guide/if_cli/if_bfd.html)

**NEW QUESTION 7**

Object configJob contains which of the following information?

- A. field lastStepDescr
- B. admin state
- C. next object name
- D. passphrase

**Answer:** A

**Explanation:**

[https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/rest\\_cfg/2\\_1\\_x/b\\_Cisco\\_APIC\\_REST\\_API\\_Configuration\\_Guide/b\\_Cisco\\_APIC\\_REST\\_API\\_Configuration\\_Guide\\_chapter\\_010.pdf](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/rest_cfg/2_1_x/b_Cisco_APIC_REST_API_Configuration_Guide/b_Cisco_APIC_REST_API_Configuration_Guide_chapter_010.pdf)

**NEW QUESTION 8**

Which two statements about CFS are true? (Choose two)

- A. CFS distributes the local NTP configuration to the master only, which then forwards it to all devices in the network
- B. You must manually distribute NTP authentication keys on the NTP server and Cisco NX-OS devices across the network
- C. If CFS is used to distribute NTP, all devices in the network must have different VRFs configured than the ones used for NTP
- D. CFS requires a license to be installed before it can be used to distribute NTP
- E. After enabling CFS, a network-wide lock is applied to NTP whenever an NTP configuration is started and released once after the change has been committed

**Answer:** BE

**Explanation:**

[https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5500/sw/system\\_management/6x/b\\_5500\\_System\\_Mgmt\\_Config\\_6x/b\\_5500\\_System\\_Mgmt\\_Config\\_6x\\_chapter\\_010010.html](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5500/sw/system_management/6x/b_5500_System_Mgmt_Config_6x/b_5500_System_Mgmt_Config_6x_chapter_010010.html)

**NEW QUESTION 9**

Which three issues can cause OSPF neighbors to not be able to establish an adjacency? (Choose three)

- A. Feature Multicast not enabled
- B. duplicate RIDs
- C. OSPF instance tag
- D. hello values
- E. Interface cost is not set
- F. MTU
- G. PIM

**Answer:** BDF

**Explanation:** ospf instance tag means ospf process-id

**NEW QUESTION 10**

Which multicast destination MAC address is assigned to LACP?

- A. 01:80:c2:00:00:02
- B. 01:80:c2:00:00:01
- C. 01:80:c2:00:00:03
- D. 01:80:c2:00:00:04

**Answer:** A

**NEW QUESTION 10**

Which description of how to enable the Flex Flash Controller auto-sync function on the B200M4 blade is true?

- A. Configure a storage policy for FX3S
- B. Configure a storage connection policy to use auto-sync
- C. Configure a local disk policy for FlexFlash
- D. Enable auto-sync in the servers > inventory > storage subtab

**Answer:** D

**Explanation:** [https://www.cisco.com/c/en/us/td/docs/unified\\_computing/ucs/ucs-manager/GUI-User-Guides/Storage-Mgmt/3-1/b\\_UCSM\\_GUI\\_Storage\\_Management\\_Guide\\_3\\_1/b\\_UCSM\\_GUI\\_Storage\\_Management\\_Guide\\_3\\_1\\_chapter\\_01011.pdf](https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Storage-Mgmt/3-1/b_UCSM_GUI_Storage_Management_Guide_3_1/b_UCSM_GUI_Storage_Management_Guide_3_1_chapter_01011.pdf)

**NEW QUESTION 12**

The OS team has requested that you expand the receive queues of an existing server. Which action accomplishes this change?

- A. Reconfigure the default vNIC behavior
- B. Reconfigure the vNIC to the requested queue size
- C. Configure and apply a custom LAN connectivity policy
- D. Configure and apply a custom adapter policy

**Answer:** D

**Explanation:**

[https://www.cisco.com/c/en/us/td/docs/unified\\_computing/ucs/sw/gui/config/guide/2-2/b\\_UCSM\\_GUI\\_Configuration\\_Guide\\_2\\_2/b\\_UCSM\\_GUI\\_Configuration\\_Guide\\_2\\_2\\_chapter\\_0101\\_01.html](https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/gui/config/guide/2-2/b_UCSM_GUI_Configuration_Guide_2_2/b_UCSM_GUI_Configuration_Guide_2_2_chapter_0101_01.html)

**NEW QUESTION 13**

Which description of a virtual private cloud is true?

- A. an on-demand configurable pool of shared data resources allocated within a private cloud environment, which provides assigned DMZ zones
- B. an on-demand configurable pool of shared networking resources allocated within a private cloud environment, which provides tenant isolation
- C. an on-demand configurable pool of shared software applications allocated within a public cloud environment, which provides tenant isolation
- D. an on-demand configurable pool of shared computing resources allocated within a public cloud environment, which provides tenant isolation

**Answer:** D

**Explanation:**

[https://en.wikipedia.org/wiki/Virtual\\_private\\_cloud](https://en.wikipedia.org/wiki/Virtual_private_cloud)

**NEW QUESTION 17**

Which description of Cisco Virtual Topology System is true?

- A. package that contains an entire runtime environment
- B. agent that resides on physical devices
- C. overlay provisioning and management solutions
- D. web server hosting for Cisco NX-OS

**Answer:** C

**Explanation:**

<https://www.cisco.com/c/en/us/products/collateral/cloud-systems-management/virtual-topology-system/datasheet-c78-734877.html>

**NEW QUESTION 21**

Which technology, implemented on aggregation-edge nodes at the aggregation layer, provides per-tenant isolation at Layer 3, with separate dedicated per-tenant routing and forwarding tables on the inside interfaces of firewall contexts?

- A. VDC
- B. VRF-lite
- C. VXLAN
- D. VLAN

**Answer:** B

**Explanation:**

[https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Data\\_Center/VMDC/2-2/design\\_guide/vmdcDesign22/VMDC\\_2-2\\_DG\\_2.html](https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Data_Center/VMDC/2-2/design_guide/vmdcDesign22/VMDC_2-2_DG_2.html)

**NEW QUESTION 25**

Which two options are different ways to extend the Layer 2 domain beyond the ACI fabric? (Choose two)

- A. Extend the EPG out of the ACI fabric
- B. Use Private Networks to extend the Layer 2 domain
- C. Configure fabric access polices on the ACI fabric to match the port settings at the remote end
- D. Extend the bridge domain out of the ACI fabric
- E. Extend the VTEP out of the ACI fabric

**Answer:** AD

**NEW QUESTION 26**

Which two statements about OpenStack are true? (Choose two)

- A. Nova is the compute component that is used to manage and automate the provisioning of compute resources
- B. horizon is the component that is used for IP address management
- C. Keystone is the networking component that is used to create and manage network resources
- D. nova-ui is the GUI web application that is used to control and configure different OpenStack components
- E. neutron is the networking component that is used to create and manage network resources

**Answer:** AE

**NEW QUESTION 31**

Which four types of tables does Cisco vPath maintain? Which are crucial for its operations to classify and redirect traffic flows to enforce service policies?

- A. service table
- B. forwarding table
- C. flow table
- D. adjacency table
- E. group table
- F. path table
- G. service node table
- H. MAC table

**Answer:** ACFG

**NEW QUESTION 35**

Which four options are part of Cisco ONE Enterprise Cloud Suite product portfolio? (Choose four)

- A. Cisco Intercloud Fabric for Business
- B. Cisco Virtual Application Container Services
- C. Application Policy Infrastructure Controller
- D. Cisco Open SDN Controller
- E. Cisco Prime Service Catalog
- F. Cisco UCS Director
- G. Cisco WAAS
- H. Cisco ASA

**Answer:** ABEF

**NEW QUESTION 36**

Which two actions must occur for an APIC to be discovered successfully into a new ACI fabric? (choose two)

- A. LLDP must be disabled on the virtual interface card of the APIC
- B. LLDP must be enabled on the virtual interface card of the APIC
- C. The controller must be discovered automatically
- D. A BIOS password must be set
- E. The fabric controller target size must be equal to or greater than the number of APICs

**Answer:** AE

**NEW QUESTION 40**

Which option is a commonly used network layer protocol in an environment?

- A. CoAP
- B. AQMP
- C. MQTT
- D. RPL
- E. XMPP

**Answer:** D

**NEW QUESTION 45**

Which configuration step is needed in Cisco UCS Director to enable an option to metadata report and REST API Browser for developers?

- A. Enable the debugging menu
- B. Enable the REST API
- C. Enable the developer menu
- D. Enable report metadata

**Answer:** C

**NEW QUESTION 48**

When the administrator uses the commit command to activate the changes to the call home configuration, it results in an error. Which statement is true?

- A. Cisco Fabric Services must be disabled for this command to work.
- B. The commit callhome command must be used.
- C. Cisco Fabric Services must be enabled for this command to work.
- D. The commit command is not required.

**Answer:** C

**NEW QUESTION 49**

How many APICs can you communicate with at one time in a single REST call using Postman?

- A. three
- B. two
- C. one
- D. There is no limit

**Answer:** D

**NEW QUESTION 52**

Which option must be configured before IP Source Guard is used successfully in your network environment?

- A. Dynamic ARP inspection
- B. DHCP snooping
- C. port security
- D. dot1x

**Answer:** B

**NEW QUESTION 57**

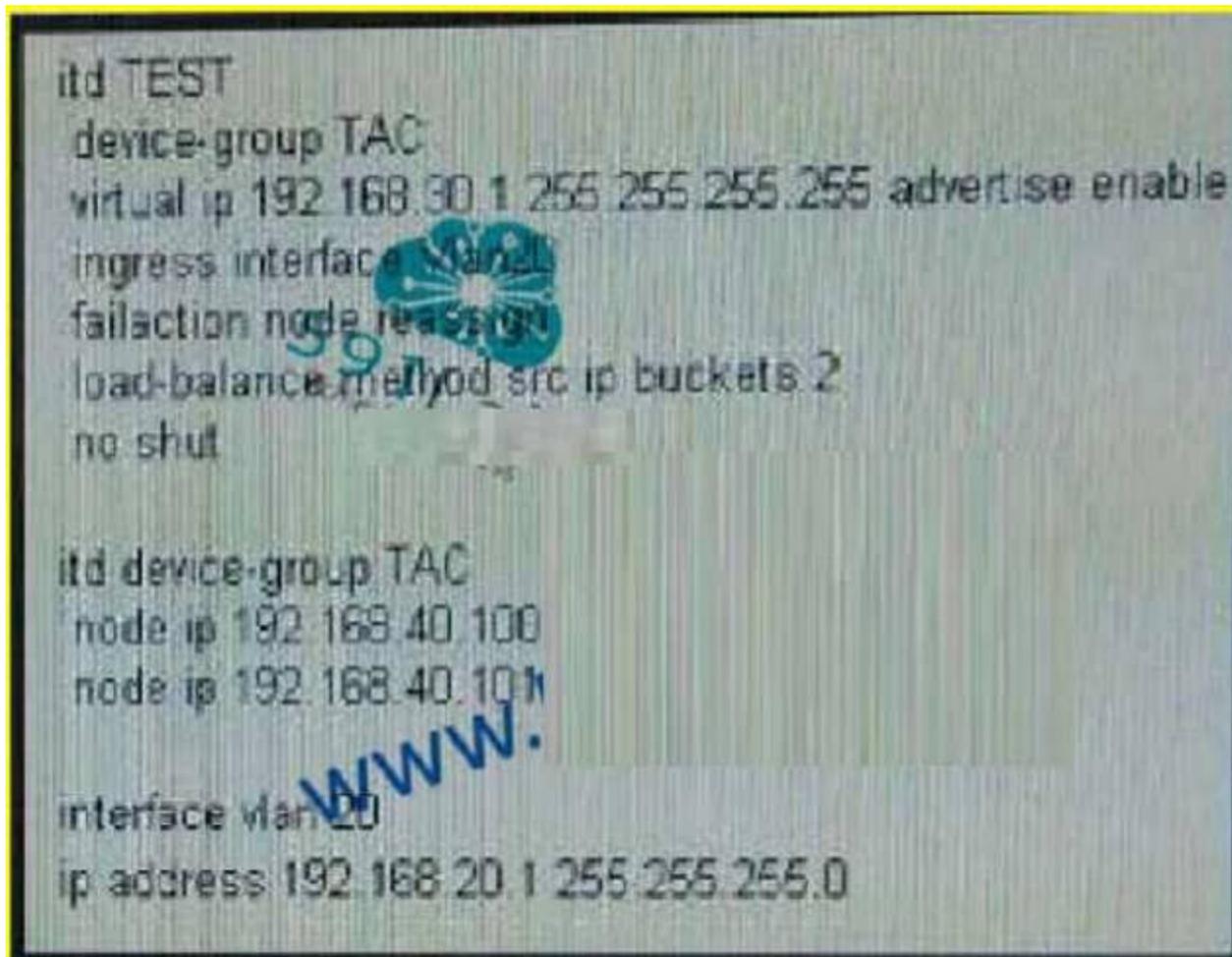
Considering the ITIL v3 model, what are Puppet and Chef primarily used for?

- A. release management
- B. problem management
- C. configuration management
- D. change management

**Answer:** C

**NEW QUESTION 60**

Refer to the exhibit.



ITD is configured as shown on a Cisco Nexus 7000 switch. Why is ping to VIP address still not working?

- A. VIP must be from the same subnet as the ingressinterface
- B. This behavior is normal
- C. To ping VIP, you must add a probe to the device group
- D. Fail action is set to the wrong mode

**Answer: C**

**NEW QUESTION 65**

Which definition of Intelligent Service Card Manager is true?

- A. part of the RISE service that resides on an appliance (for example, Citrix NetScaler) that is responsible for sending Route Health Injection messages to a Cisco Nexus switch
- B. management software to manage provisioning of RISE services on a Cisco Nexus switch
- C. management software to manage Cisco Nexus devices
- D. part of the RISE service that resides on a Cisco Nexus switch that is responsible for handling tasks related to receiving Route Health Injection messages from appliances and programming those routes in the universal routing information base
- E. part of the RISE service that is responsible for establishing initial connectivity with remote appliances (for example Citrix NetScaler)
- F. Citrix NetScaler)

**Answer: D**

**NEW QUESTION 67**

Where are domains placed when they are initially registered with Cisco UCS Central?

- A. Registered domains.
- B. Ungrouped domains.
- C. Discovered domains
- D. Acknowledged domains.

**Answer: B**

**NEW QUESTION 71**

Refer to the exhibit.

```
Prod-UC3-A (nxos)# show flogi database
```

INTERFACE	VSAN	FCID	PORT NAME	NODE NAME
fc1/1	2	0x3d0000	21:00:00:24:ff:5e:c8:84	21:00:00:24:ff:5e:c8:84
fc1/2	2	0x3d0020	21:00:00:24:ff:5e:c8:84	21:00:00:24:ff:5e:c8:84
vfc733	2	0x3d0040	20:00:00:25:b5:0a:00:8f	20:00:00:25:b5:0a:00:8f
vfc736	2	0x3d00a0	20:00:00:25:b5:0a:00:8f	20:00:00:25:b5:0a:00:8f
vfc741	2	0x3d0060	20:00:00:25:b5:0a:00:9f	20:00:00:25:b5:0a:00:9f
vfc744	2	0x3d0080	20:00:00:25:b5:0a:00:9f	20:00:00:25:b5:0a:00:9f
vfc751	2	0x3d00e0	20:00:00:25:b5:0a:00:6f	20:00:00:25:b5:0a:00:6f

Which two options can be determined by the Cisco UCS environment? (Choose two)

- A. Three FCoE attached servers are on the FI
- B. Seven FCoE attached servers are on the FI
- C. The Cisco UCS is in end-host mode
- D. The Cisco UCS is in FC switch mode
- E. Five FCoE attached servers are on the FI

**Answer:** AD

**Explanation:** Note: The above answer is correct, some portals may confuse and mention 5 servers, but if you see 'Node Name' field, it has 3 unique node names with 5 vNICs associated between them.

**NEW QUESTION 72**

Which two statements about multicast routing are true? (Choose two.)

- A. IPv6 static multicast routes are supported
- B. You can define RPF routes for multicast on border routers to enable reverse path forwarding to an external network
- C. RPF routes for multicast can be redistributed
- D. Multicast routes are used to directly forward traffic without making RPF checks
- E. You can define RPF routes for multicast when you want multicast data to diverge from the unicast traffic path

**Answer:** BE

**NEW QUESTION 77**

Refer to the exhibit.

Slot ID	Product Name	Firmware Version	Vendor ID	Device ID	Status
1	Intel(R) E750 1 Gbps Network	2.000000000.0	8086	1000	OK
2	QLogic VSC 1225 10Gb/s 2 port	4.02000	10c0	0000	OK
3	QLogic QLE270A 10Gb/s 2 port	4.02000	10c0	0000	OK
4	QLogic QLE270A 10Gb/s 2 port	4.02000	10c0	0000	OK

How many virtual adapters (vNIC and vHBA) can be added to this host?

- A. 128
- B. 130
- C. 256
- D. 258

**Answer:** C

**NEW QUESTION 81**

When deploying a sensor network that uses CoAP, which of the following must be done on the firewall to allow sensor traffic into the data center?

- A. Enable NAT64
- B. Permit IP Option 135 traffic from the sensor IP address range(s)
- C. Permit UDP traffic from the sensor IP address range
- D. Configure stateful inspection for ROLL

**Answer:** C

**NEW QUESTION 86**

Refer to the exhibit.

```

SHOW service-profile circuit server 7/4
Service Profile: MW-BB-VIRL-04
Server: 7/4
Fabric ID: A
Path ID: 1
VIF      vNIC      Link State Oper State Prot State Prot Role Admin Pin Oper Pin Transport
-----
10063
1860 eth8    Up         Active   No Protection Unprotected 0/0 0/0 Ether
1863 eth9    Up         Active   Active   Primary     0/0 0/1 Ether
1864 eth7    Up         Active   Passive  Backup     0/0 0/1 Ether
1867 eth10   Up         Active   Active   Primary     0/0 0/1 Ether
1868 eth11   Up         Active   Passive  Backup     0/0 0/1 Ether
1871 fc1     Up         Active   No Protection Unprotected 0/0 1/32 Fc
2014 eth12-NFS Up         Active   Passive  Backup     0/0 0/1 Ether
Fabric ID: B
Path ID: 2
VIF      vNIC      Link State Oper State Prot State Prot Role Admin Pin Oper Pin Transport
-----
10064
1861 eth8    Up         Active   No Protection Unprotected 0/0 0/0 Ether
1862 eth9    Up         Active   Active   Primary     0/0 0/1 Ether
1865 eth7    Up         Active   Passive  Backup     0/0 0/1 Ether
1866 eth10   Up         Active   Active   Primary     0/0 0/1 Ether
1869 eth11   Up         Active   Passive  Backup     0/0 0/1 Ether
1872 fc1     Up         Active   No Protection Unprotected 0/0 1/32 Fc
2013 eth12-NFS Up         Active   Active   Primary     0/0 0/1 Ether
    
```

Which two statements are true? (Choose two)

- A. The option failover is enabled on all the interfaces
- B. Interface vfc 1871 is pinned to fc interface 1/32 in fabric interconnect B
- C. Server 7 in chassis 4 has been associated with profile circuit
- D. To check the MAC address from server 7/4 interface eth 10, you can check the MAC addresses learned on veth 1866 on fabric interconnect B
- E. The server has total of six vNICs.

**Answer:** DE

**NEW QUESTION 90**

Which two limitations or requirements do MP-BGP-based EVPN addresses have compared to the initial IETF VXLAN standard (RFC 7348)? (Choose two)

- A. network flooding through protocol-based host MAC/IP route distribution and ARP suppression on the local VTEPs
- B. requirement to disable multicast for underlay forwarding
- C. active-passive multihoming at Layer 2
- D. scalability limitations due to data-driven flood-and-learn behavior
- E. Provides suboptimal forwarding for east-west and north-south traffic and supports workload mobility with the distributed anycast function

**Answer:** AD

**NEW QUESTION 95**

Which statement about FCoE NPV in Cisco NX-OS and the Cisco Nexus 5000 Series Switches is true?

- A. Connectivity from an FCoE NPV bridge to the FCF is supported over point-to-point links and when FCF is up to three hops away.
- B. The FCoE NPV does not provide any equivalent FCoE Initialization Protocol snooping capabilities
- C. FCoE NPV and NPV cannot be implemented together because these two features use different mechanisms to communicate to the switch.
- D. FCoE NPV does not have the management and troubleshooting issues that are inherent to managing hosts remotely at the FCF.

**Answer:** D

**NEW QUESTION 98**

Which two options are common PTP device types? (Choose two)

- A. transparent clock
- B. sundials
- C. crystal clock
- D. network clock
- E. boundary clock

**Answer:** AE

**NEW QUESTION 99**

In a multiple vendor environment, which approach is recommended in Cisco NX-OS to generate the BGP router distinguisher and router target?

- A. Manually configure router-distinguisher and auto generate router-target values
- B. Manually configure router-distinguisher and route-target values
- C. Auto generate route-distinguisher and route-target values
- D. Auto generate route-distinguisher and route-target values and make manual adjustments

**Answer:** B

**NEW QUESTION 102**

Which three statements about the VLAN Trunking Protocol version 3 are true? (Choose three)

- A. It provides enhanced security with hidden and secret passwords
- B. It does not support private VLANs
- C. It supports manual configuration of VLANs on a device configured as a VLAN Trunking Protocol client
- D. It is not compatible with VLAN Trunking Protocol version 1 or 2
- E. It allows only the primary server to make VLAN Trunking Protocol configuration changes
- F. It supports 4K VLANs

**Answer:** AEF

**NEW QUESTION 104**

When you add a VMM domain to an EPG in ACI, it seems that the host that is connected to the EPG- port group cannot communicate with its default gateway that configured on the EPG.

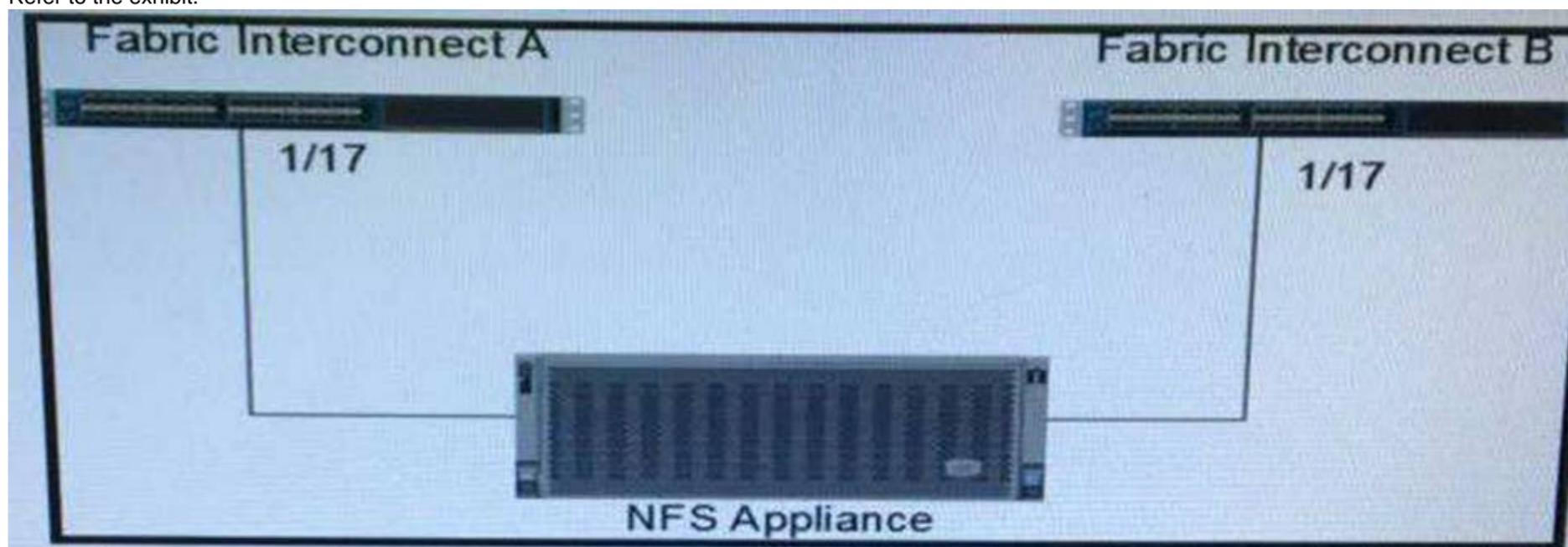
Which reason for this behavior is true?

- A. The VLAN to which the EPG belongs is not configured on the uplink from the fabric interconnect to the Cisco UCS
- B. The VLAN is blocked in the fabric interconnect.
- C. A contract blocks the communication from the host to its default gateway
- D. The configuration is not committed

**Answer:** A

**NEW QUESTION 108**

Refer to the exhibit.



Which three steps must be taken to add NFS storage to the Cisco UCS domain? (Choose three)

- A. Create an appliance VLAN on fabric A and fabric B
- B. Configure fabric A and B to Ethernet switching mode
- C. Configure Eth1/17 as an appliance port
- D. Configure a QoS policy for NFS storage
- E. Configure Eth1/17 as a unified storage port
- F. Create a VLAN on fabric A and Fabric B

**Answer:** ABC

**NEW QUESTION 109**

Which two benefits do VXLANs offer compared to VLANs? (Choose two)

- A. It provides better utilization of available network paths in the overlay infrastructure
- B. VXLAN uses a 24-bit VNID to overcome the 4094 VLAN scale limitation
- C. VXLAN uses a 16-bit VNID to overcome the 4094 VLAN scale limitation
- D. It provides a solution to extend Layer 2 segments over a single Layer 2 VLAN

**Answer:** BC

**NEW QUESTION 112**

You are setting up an ACI spine-leaf architecture and interconnecting the spine switches with the leaf switches. Which description of what happens initial setup to activate these interlinks is true?

- A. Fabric Path must be configured on the interlinks
- B. The interlinks are Layer 2 connections and only the allowed VLAN list must be added.
- C. The links are creating a Layer 3 network, and all links must be configured as point-to-point links.
- D. An overlay is created automatically, which creates a setup where the uplinks do not need to be managed manually.

**Answer:** D

**NEW QUESTION 114**

Which two statements about the Cisco Open SND Controller are true? (Choose two.)

- A. It is a commercial distribution based on the OpenFlow controller.
- B. Your own, new network service functions can be added via Java APIs.
- C. Security is enforced by using the Open Services Gateway Initiative framework.
- D. The controller is available as an appliance only.
- E. It can be used in multivendor environments.

Answer: BE

**NEW QUESTION 119**

To test the API in a web browser, which commands must you configure to enable the feature API sandbox on the Cisco Nexus platform running NX-OS?

- A. switch(config)# feature nxos-api switch(config)# nxos-api sandbox
- B. switch(config)# feature api switch(config)# api sandbox
- C. switch(config)# feature nx-api switch(config)# nx-api sandbox
- D. switch(config)# feature nxapi switch(config)# nxapi sandbox

Answer: D

**NEW QUESTION 123**

Which two guidelines apply to private VLAN configuration when you are running FabricPath? (Choose two)

- A. FabricPath ports can be put into a private VLAN
- B. On the F-Series modules, user-configured static MAC addresses are programmed on all forwarding engines that have ports in that VLAN
- C. All VLANs in a private VLAN must be in the same VLAN mode; either CE or FabricPath
- D. The system does support hierarchical static MAC addresses
- E. The F Series module support multiple SPAN destination ports or virtual SPAN.

Answer: BC

**NEW QUESTION 125**

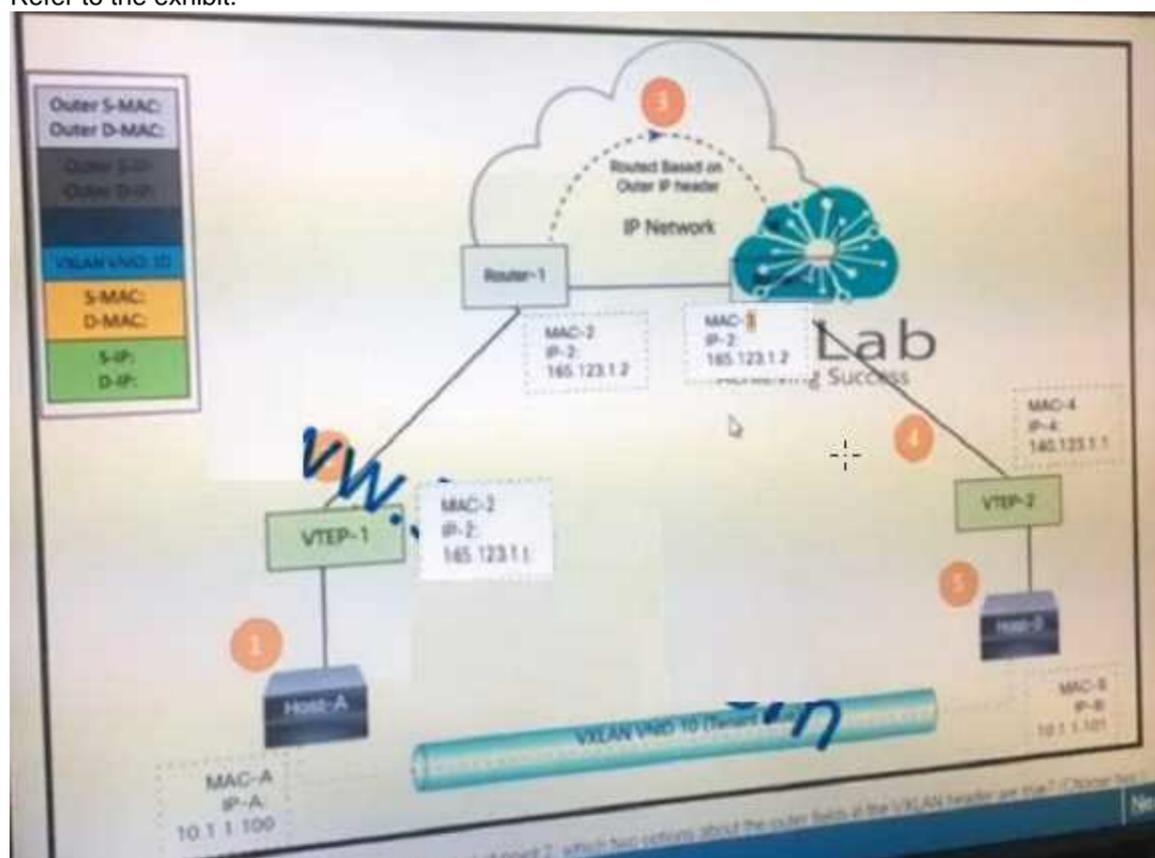
Which two statements about IP Source Guard are true? (Choose two)

- A. IP Source Guard is independent of DHCP snooping to build and maintain the IP-MAC address binding table
- B. IP Source Guard requires that DHCP snooping is disabled
- C. IP Source Guard limits IP traffic on an interface to only those sources that have an IP-MAC address table entry or static IP source entry
- D. By default, IP Source Guard is enabled on all interfaces
- E. When you first enable IP Source Guard on an interface, you may experience disruption in IP traffic until the hosts on the interface receive a new IP address from a DHCP server

Answer: CE

**NEW QUESTION 130**

Refer to the exhibit.



If you inspect a VXLAN packet at point 2, which two options about the outer fields in the VXLAN header are true? (Choose 2)

- A. Outer S-MAC = MAC-A ; Outer D-MAC = MAC-B
- B. Outer S-MAC = MAC-1 ; Outer D-MAC = MAC-4
- C. Outer S-MAC = MAC-1 ; Outer D-MAC = MAC-2
- D. Outer S-IP = IP-1; Outer D-IP = IP-4
- E. Outer S-IP = IP-1; Outer D-IP = IP-2.

Answer: CD

**NEW QUESTION 135**

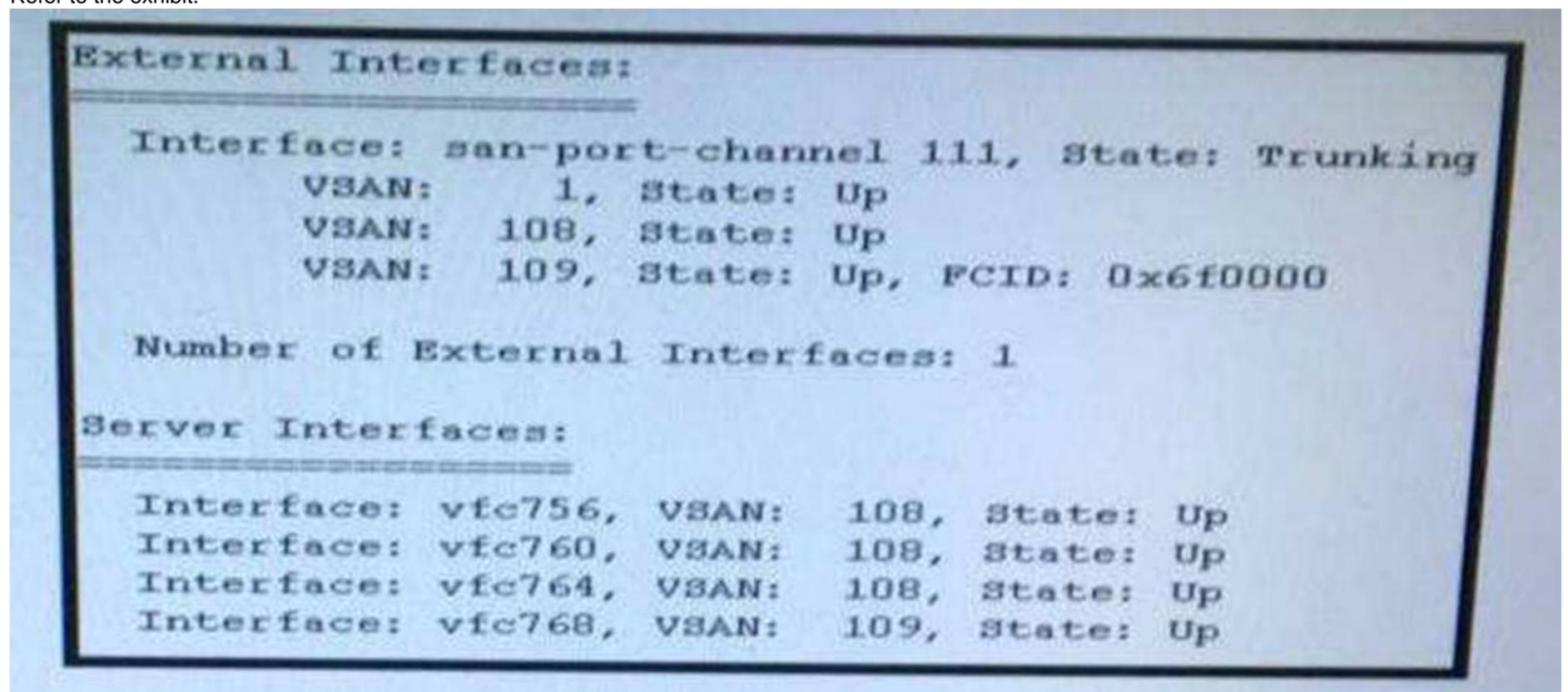
Which option is required by atomic counters to be leveraged in troubleshooting endpoint connectivity?

- A. Endpoints must be in different endpoint groups
- B. Endpoints must connect to different leaf switches
- C. Endpoints must connect to the same leaf switch
- D. Endpoints must be in different VRFs
- E. Endpoints must be in different bridge domains

Answer: B

**NEW QUESTION 136**

Refer to the exhibit.



Which two features are enabled on the upstream switch? (Choose two)

- A. feature fcoe-npv
- B. feature npv
- C. feature fport-channel-trunk
- D. feature npiv
- E. feature fcoe

Answer: CD

**NEW QUESTION 139**

You are configuring an ACI fabric with Layer 3 out connectivity you want to allow traffic to traverse from one external EPG to another external EPG. or alternatively to another internal EPG.

Which option must be configured to permit the packets between these two EPGs, assuming the subnet is already being advertised correctly?

- A. Export Route Control
- B. Aggregate Export
- C. Security import subnet
- D. Import Route Control
- E. Aggregate Import

Answer: C

**NEW QUESTION 143**

Which three statements are considered best practice when directly connecting converged network adapters to the fabric? (Choose three)

- A. Cisco Unified Fabric links must be configured as access ports and FCoE VLAN must not be configured as a native VLAN
- B. If MSTP is enabled, a separate MST instance must be used for FCoE VLANs
- C. Cisco UF links must be configured as spanning-tree edge ports
- D. A shared VLAN can be used to carry traffic for each virtual fabric in the SAN (for example, VLAN 1002 for VSAN 1, VSAN 2, and so on)
- E. Separate FCoE VLANs must be used for FCoE in SAN-A and SAN-B
- F. A blade switch must connect to multiple converged access switched in a topology.

Answer: BCE

**NEW QUESTION 147**



E. This device supports PoE

**Answer:** BD

**NEW QUESTION 160**

Which three products are part of the Cisco Virtual Application Container Service? (Choose three)

- A. Cisco Nexus 9000
- B. Cisco Nexus 1000v
- C. Application Policy Infrastructure Controller
- D. Cisco Prime Network Services Controller
- E. Cisco ASR 1000 Router
- F. Cisco Virtual Security Gateway

**Answer:** BDF

**NEW QUESTION 164**

You want to move one of your leaf switches connecting to your ACI fabric to another rack. It will be reconnected to the same fabric after the move. Which operations must you perform before the move?

- A. Decommission the switch and remove from the controller
- B. Decommission the switch
- C. Blacklist the ports
- D. Disable the interfaces

**Answer:** B

**NEW QUESTION 166**

On which two features does ITD depend? (Choose two)

- A. interface-vlan
- B. IP SLA
- C. BFD
- D. WCCP
- E. PBR

**Answer:** BE

**NEW QUESTION 170**

Which three editing options of Cisco UCS Director workflow are valid? (Choose three)

- A. Rename a workflow
- B. Reorder inputs
- C. Change an input from mandatory to optional
- D. Change priority of a workflow
- E. Edit tasks in the workflow
- F. Delete inputs

**Answer:** ABF

**NEW QUESTION 174**

After VTEP devices have established BGP neighbor adjacencies with other VTEPs or with Internal BGP route reflectors, which three pieces of information are exchanged through BGP? (Choose three)

- A. VTEP peer list
- B. router MAC address
- C. VPNv4 prefixes
- D. MD5 Triple Data Encryption Standard (3DES) key
- E. VTEP address
- F. Layer 3 VNI

**Answer:** BEF

**NEW QUESTION 177**

You are configuring an L3Out interface for a VRF for which OSPF is configured on an ACI fabric. You notice that the OSPF routing table is rebuilt every 10 seconds. Which reason for this behavior is true?

- A. OSPF timers are set to rebuild the RIB every 10 seconds
- B. The loopback interfaces of the L3Out are configured with IP addresses that are already in use
- C. Duplex mismatch is on the link on which L3Out is configured
- D. This is the normal behavior of the ACI fabric

**Answer:** B

**NEW QUESTION 182**

Which three service request states are valid in cisco UCS Director service request execution state?  
(choose three)

- A. on hold
- B. listening
- C. scheduled
- D. running
- E. failed
- F. debugging

**Answer:** CDE

**NEW QUESTION 187**

Which option lists the cloud deployment model types?

- A. hybrid,community,mobile,and service
- B. public,private,mobile,and community
- C. public,private,hybrid,and community
- D. hybrid,public,shared,and mobile

**Answer:** C

**NEW QUESTION 188**

Which three statements about nxapi\_auth are true? (Choose 3)

- A. NX-API performs authentication through a programmable authentication module on the switch
- B. Using cookies reduces the Number of PAM authentication, which reduces the load on the PAM.
- C. The use of nxapi\_auth is optimal
- D. This feature can be disabled to reduce authentication time and to support large number of API calls
- E. After the first successful authentication, the username and password are NOT included in subsequent NX-API requests that are sent to the device,
- F. The expiration time of the nxapi-auth cookies can be changed up to the max of 1200 seconds
- G. The nxapi-auth cookies expire in 600 seconds
- H. After the first successful authentication, the username and password are used with the session cookie to bypass performing the full authentication process again

**Answer:** AEF

**NEW QUESTION 191**

Which two options are best practices when registering Cisco UCS Manager to UCS Central? (Choose two.)

- A. Use an IP address for UCS Domain when registering.
- B. Ensure that NTP is configured on the UCS Domain and UCS Central.
- C. Ensure that the UCS Domain and UCS Central are in the same Layer 2 domain.
- D. Use a fully qualified domain name for UCS Domain.
- E. Ensure that the independent local time source is used for UCS Domain and UCS Central.

**Answer:** BD

**NEW QUESTION 193**

DRAG DROP

Drag and drop the objects of the ACI policy model from left onto the correct definition on right.

Tenant	Layer 2 forwarding boundary
context	Logical container for grouping EPGs
Bridge domain	Unique layer 3 forwarding and application policy domain
Application profile	Logical grouping of objects that require similar policy
EPG	Defines the communication between EPGs
Contracts	Logical container for application polices

Answer:

Explanation:

Tenant	Bridge domain
context	Application profile
Bridge domain	context
Application profile	EPG
EPG	Contracts
Contracts	Tenant

**NEW QUESTION 196**

DRAG DROP

Drag and drops the feature from the left onto the correct description on the right

Bridge assurance	It helps prevent bridging loops that could occur because of a unidirectional link failure on a point-to-point link.
BPDU guard	It suppresses sending and receiving BPDUs on the port.
BPDU filter	It prevents a port from becoming root port or blocked port. If a port configured for root guard receives a superior BPDU, the port immediately goes to the root-inconsistent (blocked) state.
Loop guard	It shuts down the port if that port receives a BPDU.
Root guard	When running PVST+ or MST, and configure a port as a network port, BPDUs are sent and it moves a port into the blocking state if it no longer receives BPDUs.

Answer:

Explanation:

- Loop guard
- BPDU filter
- Root guard
- BPDU guard
- Bridge assurance

**NEW QUESTION 197**

Refer to the exhibit.

```

bdsol-6248-01-A(nxos)# sh int vfc1972
vfc1972 is down (Bound Physical Interface Down)
Bound interface is Vethernet10164
Port description is server 8/3, VHBA fc0
Hardware is Virtual Fibre Channel
Port WWN is 27:b3:54:7f:ee:aa:
Admin port mode is F, trunk mode vsan 70
snmp link-state traps are enabled
Port is down
1 minute input rate 0 bits/sec, 0 bytes/sec, 0 frames/sec
1 minute output rate 0 bits/sec, 0 bytes/sec, 0 frames/sec
0 frames input, 0 bytes
0 discards, 0 errors
0 frames output, 0 bytes
0 discards, 0 errors
last clearing of "show interface" counters never
Interface last changed at Sat Apr 11 10:22:39 2015
    
```

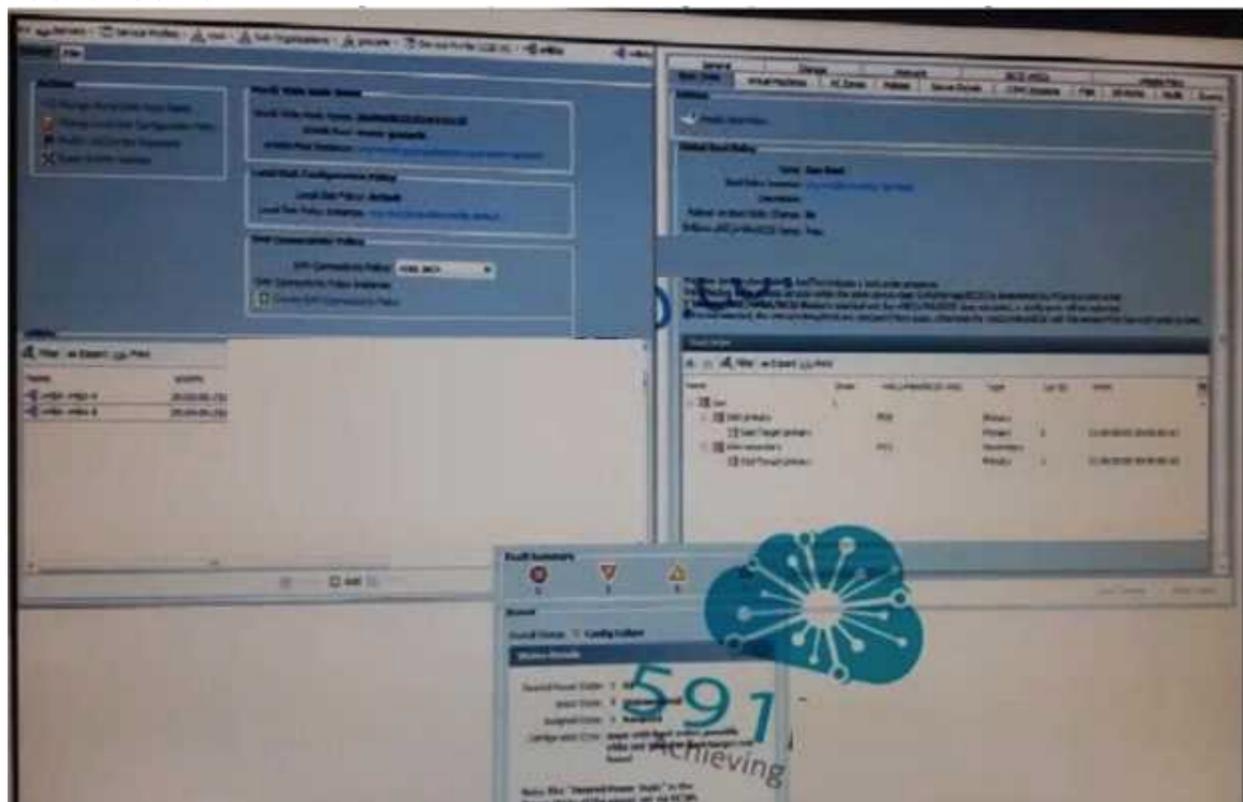
Which statement is true?

- A. The interface belongs to server 8/3 and it is pinned to fabric interconnect B.
- B. If you run "shnvpvlogi | i vfc1972". details are shown for vfc 1972.
- C. The port belongs to VSAN 70
- D. interface veth 10164 is up

Answer: C

**NEW QUESTION 198**

Refer to the exhibit.



An administrator configures a service profile with these settings. The profile shows this error during association. Which action must the administrator take to resolve fault?

- A. Create valid WWPN pools for the vHBA.
- B. Change enforcevHBA Name to NO.
- C. Configure an initiator group for the service profile.
- D. Change Boot Mode from Legacy to UEFI.
- E. Make LUN ID 0 for both targets.

Answer: B

**NEW QUESTION 199**

How do you manually configure a vNIC MAC address?

- A. Modify the adapter policy
- B. Use the set identity dynamic-mac command
- C. Modify the dynamic vNIC connection policy
- D. Use the mac-address-table static command

Answer: B

**NEW QUESTION 201**

Which three options can be used to determine REST API code to create an EPG? (Choose three)

- A. Perform HTTP GET method on Error! Hyperlink reference not valid
- B. IP>/doc/epg.xml which will return you necessary data to create EPG
- C. by downloading the xml configuration file and looking up and EPG configuration
- D. using the API inspector when creating a test EPG
- E. using the APIC management information tree
- F. Call epgCreate() function in Cobra API standard library
- G. using the show EPG configuration on the CLI of the APIC

Answer: CDF

**NEW QUESTION 205**

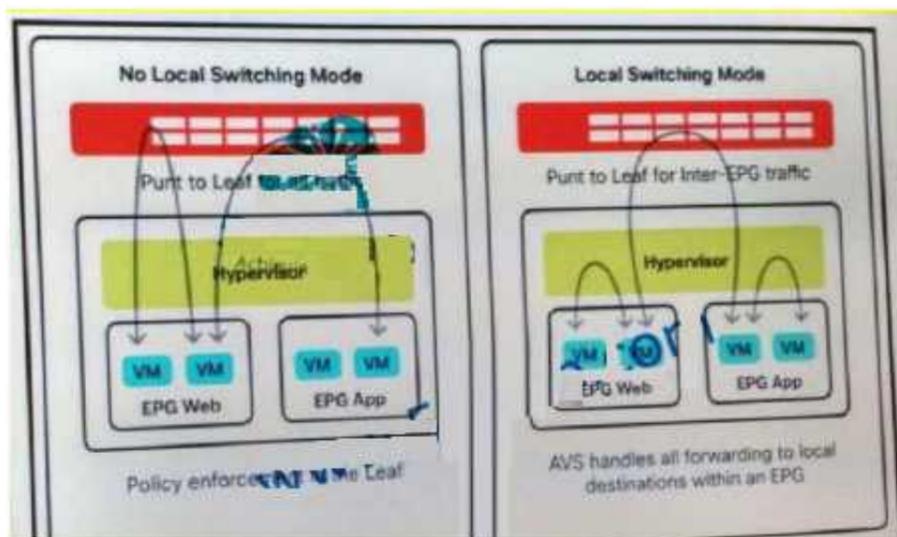
Which two statements about the Cisco Open SDN Controller are true? (Choose two.)

- A. It is a commercial distribution based on the OpenFlow controller.
- B. Your own, new network service functions can be added via Java APIs.
- C. Security is enforced by using the Open Services Gateway Initiative framework.
- D. The controller is available as an appliance only.
- E. It can be used in multivendor environments.

Answer: BE

**NEW QUESTION 209**

Refer to the exhibit.



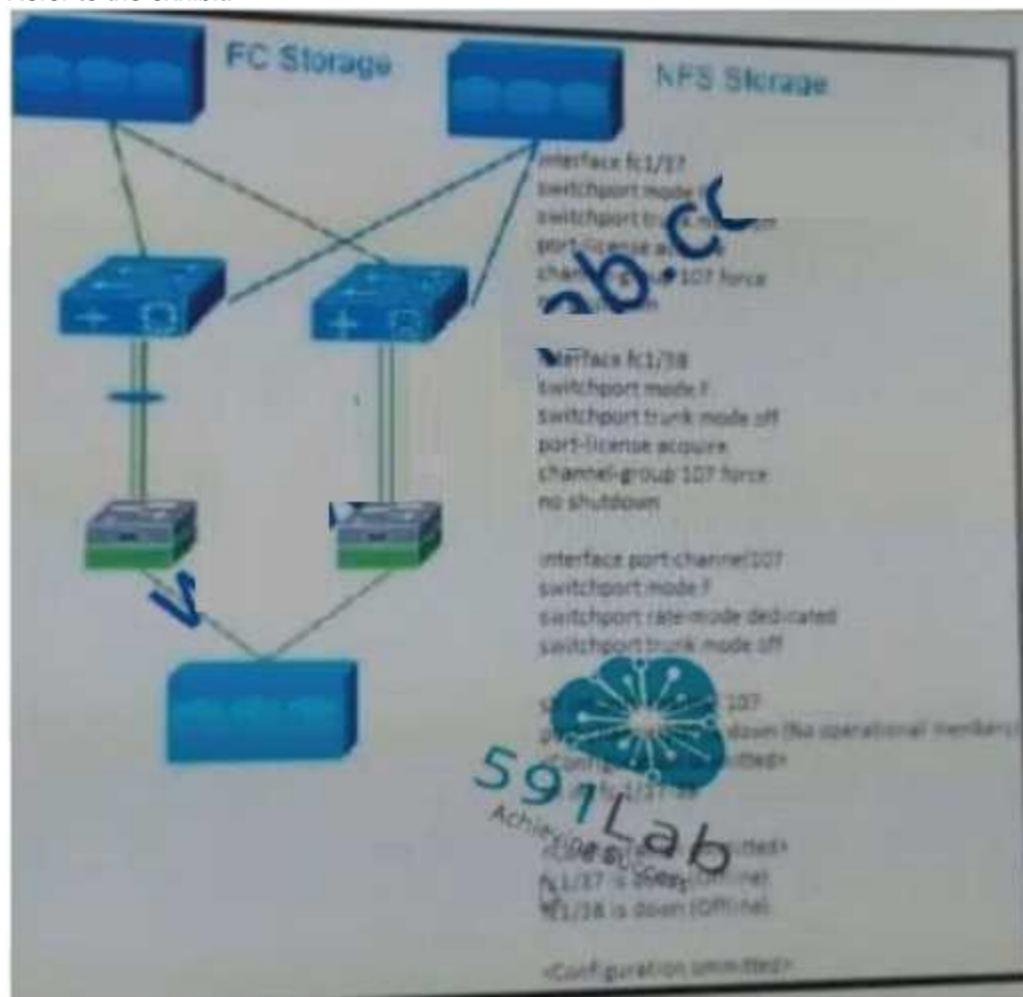
Which two types of encapsulations can be used in each switching mode. When utilizing the Cisco Application Virtual Switch in ACL fabric? (Choose two)

- A. No local switching : VXLAN
- B. No local switching : vlan or vxlan
- C. Local switching : VXLAN
- D. Local switching : VLAN
- E. Local switching: VLAN OR VXLAN

**Answer: AE**

**NEW QUESTION 210**

Refer to the exhibit.



An administrator must configure a SAN port channel between a Cisco UCS and a MDS switch as shown in the exhibit.

The UCS fabric interconnects are in FC switch mode. The administrator creates a port channel on the MDS switches with the configuration. After, which configuration change is needed to bring up the port channel?

- A. Cisco UCS port configured as storage
- B. Cisco UCS port configured as FCoE uplink
- C. feature npv configured on MDS
- D. switchport mode E on the port-channel interface
- E. switchport mode NP on the port-channel interface
- F. feature port-channel configured on mds

**Answer: D**

**NEW QUESTION 212**

Cisco UCS Director provides a facilitate acquisition of API information and help with API code generation. Which option accesses this feature?

- A. Enable the Developer tools in your web browser
- B. Download the ucspd-rest-api-sdk-x.x.0.0.zip file from the cisco.com software download area or the DevNet site
- C. Access the REST API browser in the Cisco UCS Director GUI.

D. Retrieve the list of available services using/app/api/restformattype=json&opName=userAPIGetAllServices&opData=0

Answer: C

**NEW QUESTION 217**

Assume that ucsd-dcloud.cisco.com is the correct address of the cisco UCS Director server. Which two options are prerequisites to access the cisco UCS Director REST API interface? (choose two)

- A. Run the dbgtoken utility and ask TAC to generate a response cookie
- B. Submit the username/password to http://ucsd-dcloud.cisco.com/api/access to obtain session cookie
- C. Obtain the REST API Access Key code for the User Information dialog box
- D. Obtain the developer token from cisco Devnet
- E. Enable the Developer menu on the Advanced tab of the User Information dialog box

Answer: CE

**NEW QUESTION 220**

Refer to the exhibit.



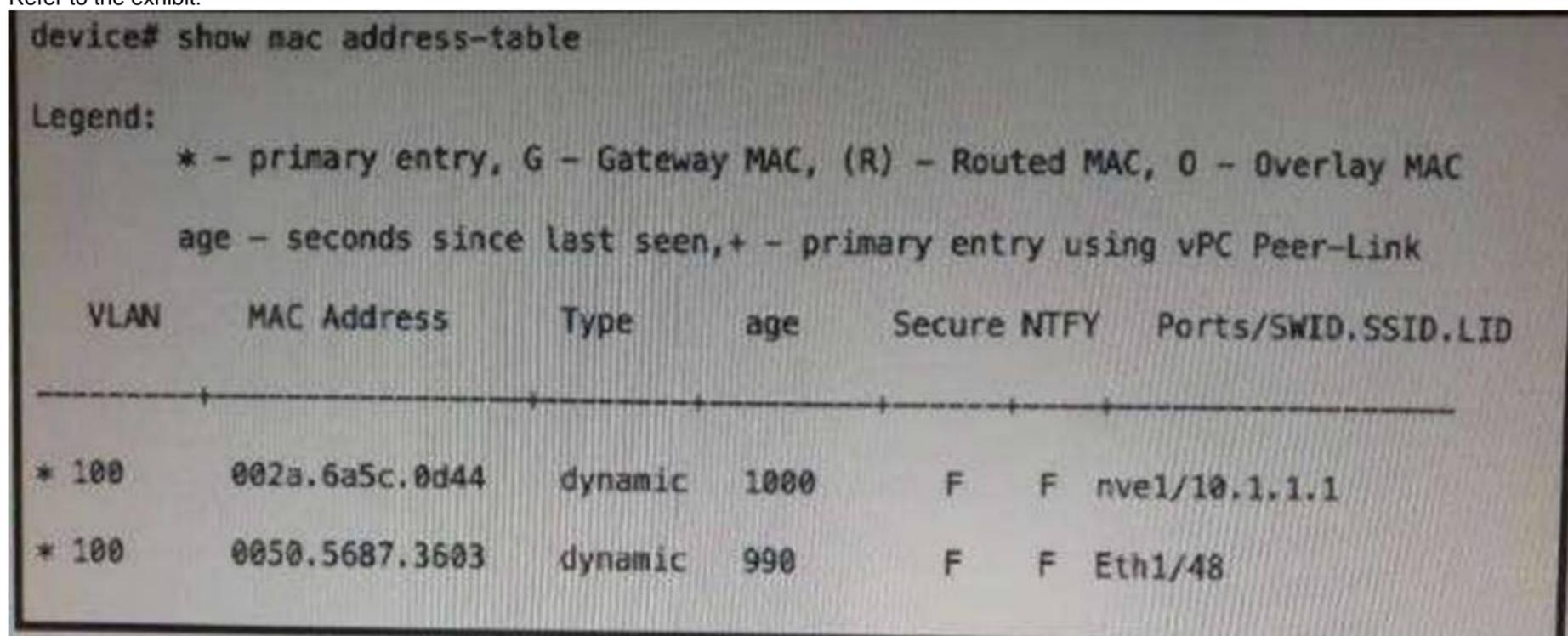
When you attempt to apply a new service profile in cisco USC Manager, you are presented with these error messages. Which cause is the most probable?

- A. No more UUIDs are available in the pool to be assigned
- B. The service profile is tied to a server pool that has no available blades
- C. The service profile is using more vNICs than the physical adapter can support
- D. The service profile is using more vHBAs than the physical adapter can support

Answer: B

**NEW QUESTION 224**

Refer to the exhibit.



Using which method is the host with MAC address (002 a.6a5c.0d44) learned?

- A. remote router running NVE

- B. remote FabricPath node
- C. remote VTEP
- D. local SVI
- E. local physical port

**Answer: C**

**NEW QUESTION 229**

Refer to the exhibit.

```

nexus# ethanalyzer local interface inband
Capturing on inband
2015-04-26 12:22:00.333947 VV1W3.VY -> 10.5.1.2 ICMP 70 Redirect (Redirect for host)
2015-04-26 12:22:00.334122 10.5.1.1 -> 10.5.1.2 ICMP 70 Redirect (Redirect for host)
    
```

Which two statements about this output are true? (Choose two)

- A. Ethanalyzer is a licensed feature
- B. Output indicate the traffic passing from one module to another (non-SUP)
- C. Ethanalyzer is available in all CISCO IOS/NX-OS/IOS-XR devices
- D. Outputs can be filtered using Wireshark filters
- E. Output are for all traffic going to the SUP
- F. Output shown are redirected to the logging flash

**Answer: DE**

**NEW QUESTION 234**

DRAG DROP

Drag and drop the enlisted four offers from the left onto the correct Cisco ONE Enterprise Cloud Suite on the right.

full data center automation computing, network, storage, and virtualization layers	cloud management
single profile modeling and deployment of applications	service management
undified portal of IT and no-IT based services deployed to a data center	big data automation
single-click deployment and monitoring of Hadoop and Splunk clusters	infrastructure automation

**Answer:**

**Explanation:**

single profile modeling and deployment of applications
undified portal of IT and no-IT based services deployed to a data center
single-click deployment and monitoring of Hadoop and Splunk clusters
full data center automation computing, network, storage, and virtualization layers

**NEW QUESTION 236**

Which two statements about DNS support on Cisco NX-OS are true? (Choose two)

- A. You have to configure a new VRF for DNS client, default VRF cannot be used
- B. Cisco NX-OS supports stateless restarts for the DNS client
- C. After a reboot or supervisor switchover, Cisco NX-OS applies the running ...
- D. To map domain names to IP addresses in Cisco NX-OS, you must first identify the host name, then specify a name server, and enable DNS service
- E. Cisco NX-OS does not allow you to statically map IP addresses to domain names
- F. You can configure Cisco NX-OS to use only one domain name server to find an IP address for a host name

**Answer:** BC

**NEW QUESTION 238**

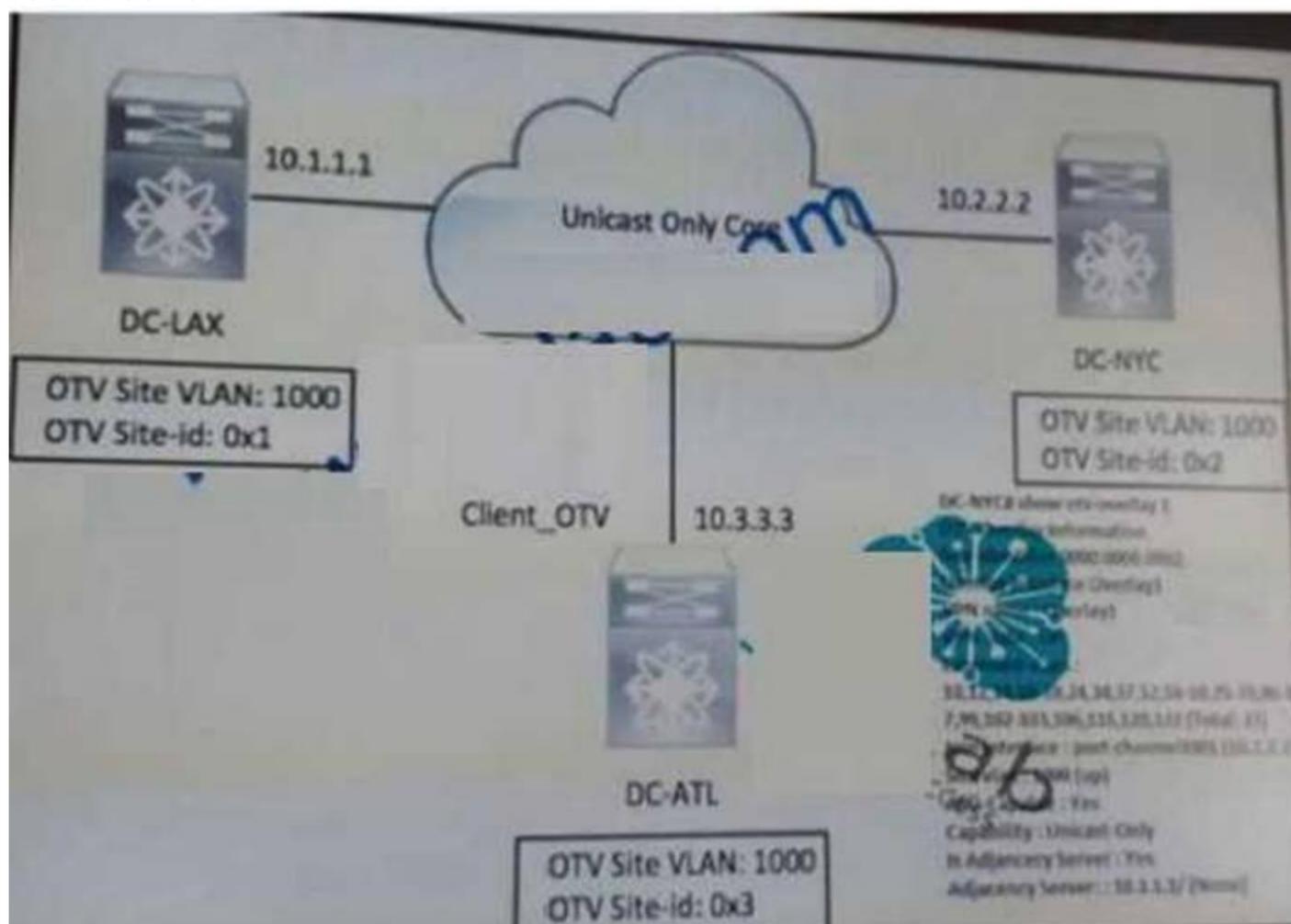
Which programming language is used to write custom workflow code in Cisco UCS Director?

- A. Python
- B. JavaScript
- C. Java
- D. Bash script

**Answer:** B

**NEW QUESTION 239**

Refer to the exhibit.



Which option is the correct configuration for DC-NYC?

- A. feature otv otv site-identifier 0000 0000 0002 otv site-vlan 1000 interface Overlay 1 otv join-interface port-channel 1001 otv use-adjacency-server 10.1.1.1 unicast-only otv extend-vlan 10,12,14,18-19,24,34,37,52,56-69,75-79,86-87,99,102-103,106,116,120,122
- B. feature otv otv site-identifier 0x2 otv site-vlan 1000 interface Overlay 1 otv join-interface port-channel 1001 otv adjacency-server unicast-only otv use-adjacency-server 10.1.1.1 unicast-only otv extend-vlan 10,12,14,18-19,24,34,37,52,56-69,75-79,86-87,99,102,103,106,116,120,122
- C. feature otv otv site-identifier 0x2 otv site-vlan 1000 interface Overlay 1 otv join-interface port-channel 1001 otv adjacency-server unicast-only otv use-adjacency-server 10.2.2.2 unicast-only otv extend-vlan 10,12,14,18-19,24,34,37,52,56-69,75-79,86-87,99,102-103,106,116,120,122
- D. feature otv otv site-identifier 0x2 otv site-vlan 1000 interface Overlay 1 otv join-interface port-channel 1001 otv use-adjacency-server 10.1.1.1 unicast-only otv extend-vlan 10,12,14,18,19,24,34,37,52,56-69,75-79,86-87,99,102,103,106,116,120,122

**Answer:** B

**NEW QUESTION 244**

Which two statements about UCS switch mode are true? (Choose two)

- A. Disjoint Layer 2 networks are supported only when the Ethernet switching mode of the fabric interconnects is configured for switch mode.
- B. Switch mode is the default Ethernet switching mode.
- C. Broadcast packets flood out of all ports except the port that it was received on.
- D. Server-to-server multicast and broadcast traffic is sent through all uplink ports in the same VLAN.
- E. Ethernet switching mode must be used only if the fabric interconnect is connected directly to a router.

**Answer:** CD

**NEW QUESTION 247**

DRAG DROP

Drag and Drop the key components of LISP from left onto the correct definitions on the right

ingress tunnel router	It receives packets from core-facing interfaces (the Internet) and either decapsulates LISP packets or delivers them to local EIDs at the site.
egress tunnel router	It is assigned to devices that make up the global routing system.
map server	It receives map-requests encapsulated to it from ITRs.
map resolver	It receives packets from site-facing interfaces (internal hosts) and either LISP encapsulates packets to remote LISP sites or the ITR natively forwards packets to non-LISP sites.
routing locators	It is assigned to end hosts.
endpoint identifiers	It receives map-register control packets from ITRs.

**Answer:**

**Explanation:** Ingress tunnel router – it receives packets from site-facing interfaces (internal hosts) and either LISP encapsulates packets to remote LISP sites or the ITR natively forwards packets to non-LISP sites. Egress tunnel router – It receives packets from core-facing interfaces (the internet) and either decapsulates LISP packets or delivers them to local EIDs at the site. Map server – it receives map-register control packets from ITRs.

Map resolver – it receives map-requests encapsulated to it from ITRs.

Routing locators – It is assigned to devices that make up the global routing system. Endpoint identifiers --- it is assigned to end hosts.

Note: Looks correct, just double check cisco definitions of Ingress/Egress Tunnel routers.

**NEW QUESTION 248**

Which description of how to enable DIMM blacklisting is true?

- A. Enable blacklisting in the servers > policy subtab
- B. Enable blacklisting in the servers inventory > memory subtab
- C. Configure a memory policy under the services tab
- D. Configure a memory policy in the equipment > policy subtab

**Answer:** A

**NEW QUESTION 251**

You configured a Cisco usNIC connectivity policy, for a HPC environment. Which action also must be completed?

- A. Download and compile the ring\_c application
- B. Install the Intel MPI library environment
- C. Mount the MPI adapter in the operating system
- D. Install an MPI environment in the operating system

**Answer:** A

**NEW QUESTION 253**

STP provides a loop-free network at the Layer 2 level. Layer 2 LAN ports send and receive STP frames at regular intervals. Network devices do not forward these frames but use the frames to construct a loop-free path. Which option is the name of these frames?

- A. bridge protocol data units
- B. Cisco Discovery Protocol frames
- C. Link Layer Discovery Protocol frames
- D. runt frames

**Answer:** A

**NEW QUESTION 256**

What data modeling language is commonly used by NETCONF?

- A. YANG
- B. XML
- C. REST
- D. HTML

**Answer:** A

**NEW QUESTION 258**

Which option is a data modeling language used to model configuration and state data of network elements?

- A. NETCONF
- B. SNMPv4
- C. YANG
- D. RESTCONF

**Answer:** C

**NEW QUESTION 263**

Which two statements about VLAN Trunking Protocol are true? (Choose 2)

- A. VLAN Trunking Protocol is a Layer 2 messaging protocol that maintains VLAN consistency by managing the addition, deletion, and renaming of VLANs within a VLAN Trunking Protocol domain.
- B. On Cisco Nexus switches, VLAN Trunking Protocol is enabled by default.
- C. Layer 2 trunk interfaces, Layer 2 port channels, and virtual port channels support VLAN Trunking Protocol functionality.
- D. VLAN Trunking Protocol is only supported on Layer 2 trunk interfaces.
- E. VLAN Trunking Protocol is a Layer 2 messaging protocol that maintains the interface VLAN configuring within a VLAN Trunking Protocol domain.

**Answer:** AC

**NEW QUESTION 264**

In Cisco ACI environment, which option best describes "contracts"?

- A. named groups of related endpoints
- B. a set of interaction rules between endpoint groups
- C. a Layer 3 forwarding domain
- D. to determine endpoint group membership status

**Answer:** B

**NEW QUESTION 265**

Which two statements about FabricPath are true? (Choose two.)

- A. Traffic can only be forwarded from the root switch in First-Hop Redundancy Protocols.
- B. FabricPath interfaces carry only FabricPath-encapsulated traffic.
- C. FabricPath does not require an Enhanced Layer 2 Package license.
- D. STP does run inside a FabricPath network.
- E. The F-Series modules do not support multiple SPAN destination ports of virtual SPAN.

**Answer:** BE

**NEW QUESTION 267**

Which option lists the cloud service model?

- A. Internet as a Service, Platform as a Service, and Software as a Service
- B. Internet as a Service, Product as a Service, and Storage as a Service
- C. Infrastructure as a Service, Platform as a Service, and Storage as a Service
- D. Infrastructure as a Service, Platform as a Service, and Software as a Service
- E. Internet as a Service, Platform as a Service, and Storage as a Service

**Answer:** D

**NEW QUESTION 269**

Which language is used to write Clouipia Script?

- A. Python
- B. Java
- C. JavaScript
- D. Cisco UCS Director Macro Language

**Answer:** C

**NEW QUESTION 274**

In a Cisco UCS B-Series environment, which option must the network adapters support to enable iSCSI boot?

- A. vNIC
- B. UEFI
- C. iBFT
- D. MPIO
- E. CIMC

**Answer: C**

**NEW QUESTION 278**

Which two statements about the Cisco Fibre Channel Domain feature and persistent FC IDs are true? (Choose two.)

- A. A persistent FC ID that is assigned to an F Port cannot be moved across interfaces if the same persistent FC ID is to be maintained.
- B. When persistent FC IDs are enabled, FC IDs cannot be changed after a reboot.
- C. If you connect to the switch from a Windows host, be sure to enable the persistent FC ID feature in the VSAN that connects these hosts.
- D. The current FC IDs in use in the fcdomain are saved across reboots.
- E. Entries that the switch has learned must be manually acknowledged to be stored in the FCDomain FCID database.

**Answer: BD**

**NEW QUESTION 282**

DRAG DROP

Drag and drop the VTP mode from left onto the correct description on the right.

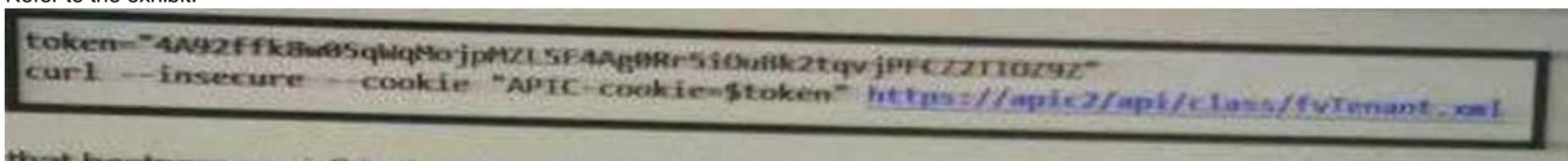
transparent	Does not forward any VTP packets.
server	Cannot create, change, or delete VLANs.
client	Relays all VTP protocol packets that it receives on a trunk port to all other trunk ports.
off	Creates, removes, and modifies VLANs over the entire network.

**Answer:**

**Explanation:** Transparent – relays all VTP protocol packets that it receives on a trunk port to all other trunk ports  
 dServer – creates, removes and modifies VLANs over the entire network  
 Client – cannot create, change or delete VLANs  
 Off – Does not forward any VTP packets

**NEW QUESTION 284**

Refer to the exhibit.



Assume that hostname apic2 is the second APIC (id=2) running in the APIC cluster in the ACI fabric and the token variable is the correct APIC-cookie. The objective is to retrieve a list of tenants in XML form. Which statement is correct?

- A. The REST call works, but we must use the POST method.
- B. This call is invalid, and we must use the Cobra API to retrieve a list of tenants.
- C. The REST call fails because HTTPS implies its secure protocol and is incompatible with the “— insecure” option.
- D. The command is successfully executed and the relevant list of tenants is returned.

**Answer: D**

**NEW QUESTION 287**

Refer to the exhibit.

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

vPC domain id          : 300
vPC+ switch id         : 333
Peer status            : peer adjacency formed ok
vPC keep-alive status  : Suspended (Destination IP not reachable)
vPC fabricpath status  : peer is reachable through fabricpath
Configuration consistency status : success
Per-vlan consistency status : success
Type-2 consistency status : failed
Type-2 inconsistency reason : QoSMgr Network QoS configuration incompatible
vPC role               : secondary, operational primary
Number of vPCs configured : 1
Peer Gateway           : Disabled
Dual-active excluded VLANs : -
Graceful Consistency Check : Enabled
Auto-recovery status   : Enabled (timeout = 240 seconds)
```

Which statement about VPC member ports on this switch is true?

- A. VPC port status remains unchanged
- B. VPC ports are error disabled
- C. Only orphan ports stay operational
- D. VPC ports are suspended

Answer: A

**NEW QUESTION 289**

While you attempt to register Cisco UCS Manager domains with Cisco UCS Central, you find that it is failing. Which three options are possible causes for the failure between the Cisco UCS Manager domain and Cisco UCS Central? (Choose three.)

- A. incorrect default policy configured in Cisco UCS Central
- B. incorrect shared secret
- C. data and time mismatch
- D. using the IP address of the Cisco UCS Manager domain instead of the FQDN
- E. version mismatch
- F. TCP packet loss

Answer: BCF

**NEW QUESTION 293**

Refer to the exhibit.

```
ip access-list ccie-ip
 permit tcp host 10.1.1.1 host 192.168.2.1 eq 80
!
route-map ccie-sample
 match ip address ccie-ip
 set ip next-hop 192.168.1.1
!

interface ethernet 1/2
 ip policy route-map ccie-sample
```

Which feature is shown in this configuration?

- A. policy-based routing
- B. Optimized Edge Routing
- C. quality of service
- D. performance routing

Answer: A

**NEW QUESTION 296**

Which statement about enhanced zoning is true?

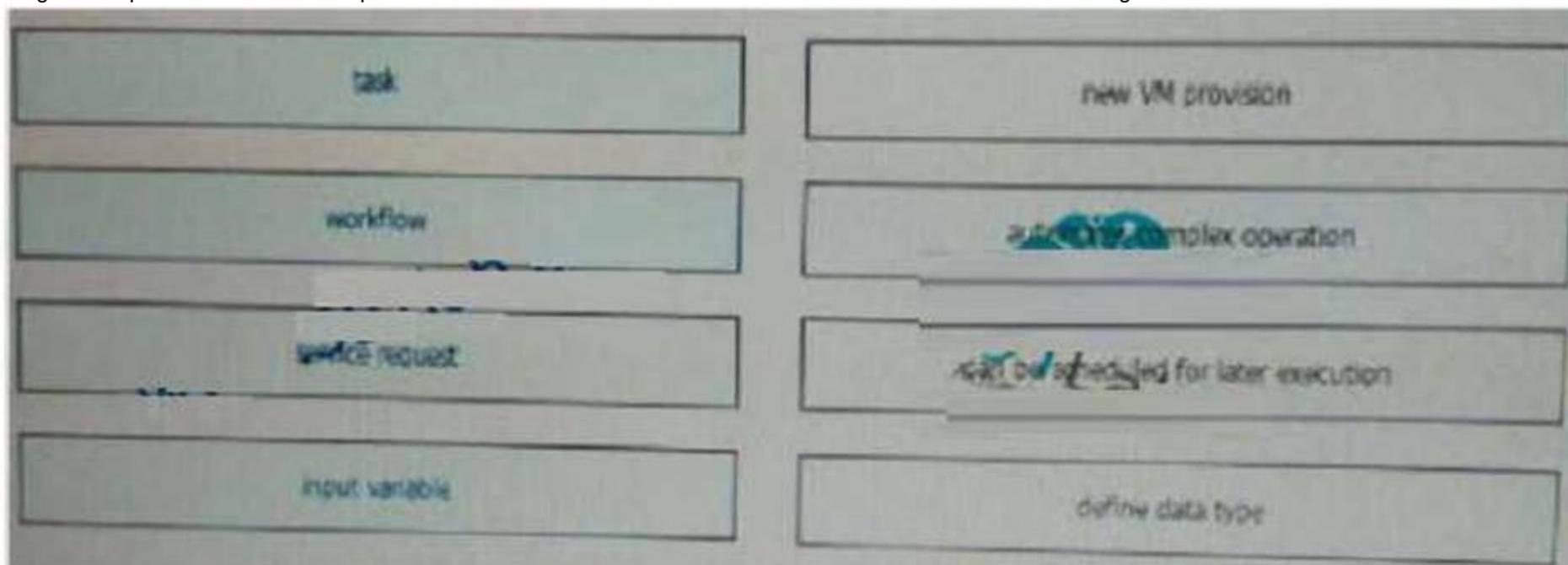
- A. It cannot move back to basic zoning from enhanced zoning without a clean wipe and restore of the switches in the fabric.
- B. It does not support fWVN-based membership in the standard interop mode (interop mode 1).
- C. It provides a vendor ID along with a vendor-specific type value to uniquely identify a member type.
- D. Changes to the zoning database and subsequent distribution require reactivation of the zone set.

**Answer: C**

**NEW QUESTION 298**

DRAG DROP

Drag and drop the orchestration components from the left onto relevant Cisco UCS Director functionalities on the right.



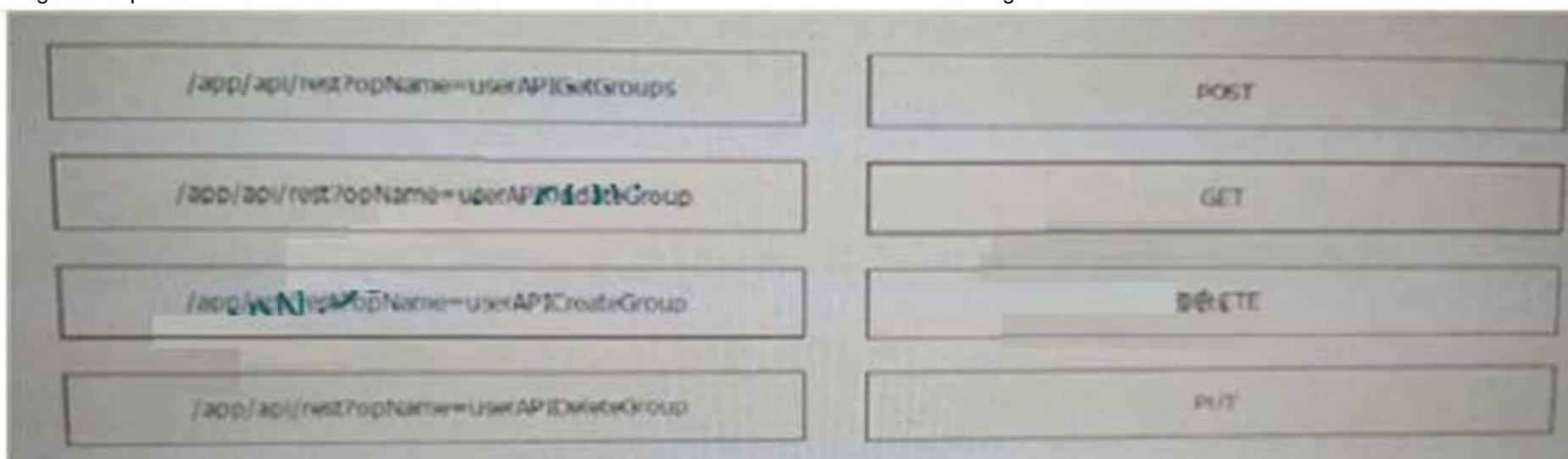
**Answer:**

**Explanation:** Task---new VM provision  
Workflow---automates complex operations  
Service request---can be scheduled for later execution  
Input variable ---define data type

**NEW QUESTION 300**

DRAG DROP

Drag and drop the Cisco UCS Director REST URI from the left onto the correct HTTP method on the right.



**Answer:**

**Explanation:**



**NEW QUESTION 303**

How is the virtual IP for an ACI VPC domain assigned?

- A. No virtual IP is available for VPC peers on ACI
- B. by DHCP using the default management network
- C. manually by the admin
- D. by DHCP using the infrastructure VLAN

**Answer: A**

**NEW QUESTION 304**

Which two guidelines and limitations of NetFlow on Cisco NX-OS are true? (Choose two)

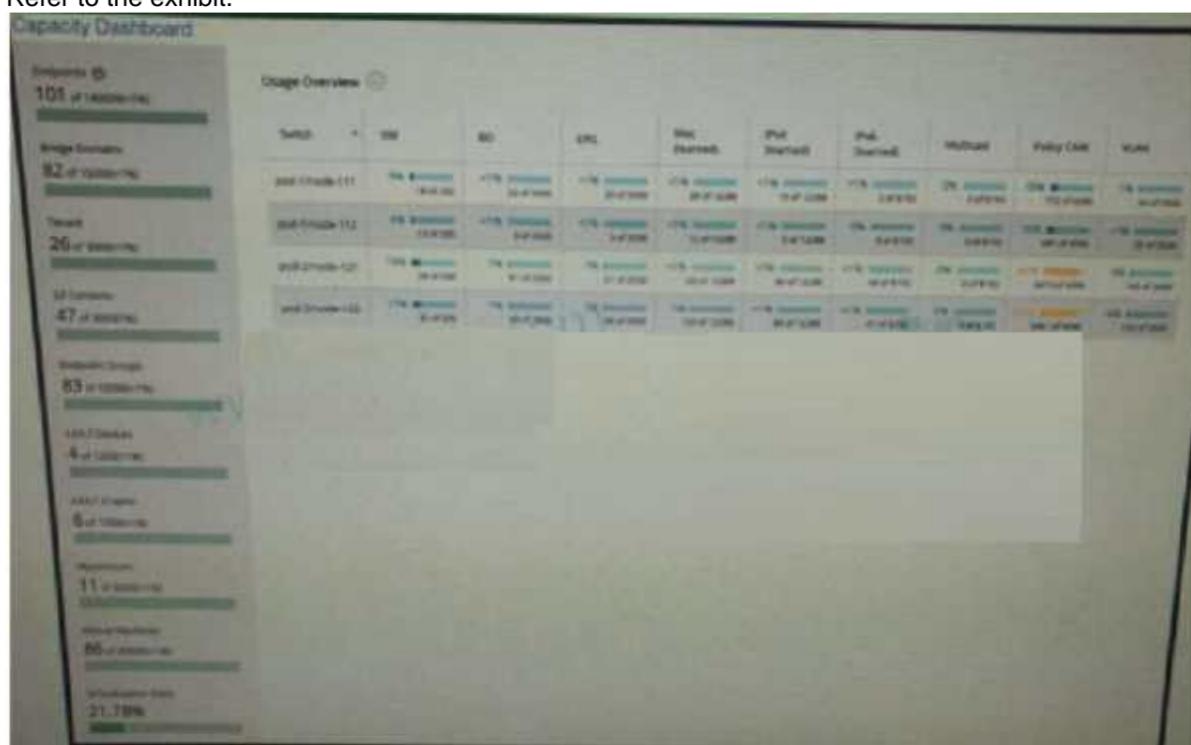
- A. The Cisco Nexus 2000 Series Fabric Extender does not support bridged NetFlow
- B. If you change a Layer 2 interface to a Layer 3 interface
- C. the software converts the Layer 2 NetFlow to Layer 3 NetFlow automatically
- D. Only Layer 2 NetFlow is applied on Layer 2 interfaces, and only Layer 3 NetFlow is applied on Layer 3 interfaces
- E. You must configure a source interface
- F. If you do not configure a source interface, the exporter remains in a disabled state
- G. It is optional to configure a valid record name

**Answer: DE**

**Explanation:** [https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/5\\_x/nx-os/system\\_management/configuration/guide/sm\\_nx\\_os\\_cg/sm\\_15netflow.html#pgfid-1088665](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/5_x/nx-os/system_management/configuration/guide/sm_nx_os_cg/sm_15netflow.html#pgfid-1088665)

**NEW QUESTION 305**

Refer to the exhibit.



Which statement about the displayed ACI Fabric is true?

- A. This fabric is configured for VMM integration
- B. The number of user-defined tenants is 26
- C. The capacity information shown is typical of multipod deployments
- D. Too many endpoints are connected to nodes 121 and 122
- E. Integrated Layer 4 Layer 7 services are not in use

**Answer: B**

**NEW QUESTION 307**

Which two statements about IP Source Guard are true? (Choose two)

- A. IP Source Guard limits IP traffic on an interface to only those sources that have an IP/MAC address binding table entry or static IP source entry
- B. IP Source Guard requires that DHCP snooping is disabled
- C. When you first enable IP Source Guard on an interface, you may experience disruption in IP traffic until the hosts on the interface receive a new IP address from a DHCP server
- D. By default, IP Source Guard is enable on all interfaces
- E. IP Source Guard is independent of DHCP snooping to build and maintain the IP-MAC address binding table

**Answer:** AC

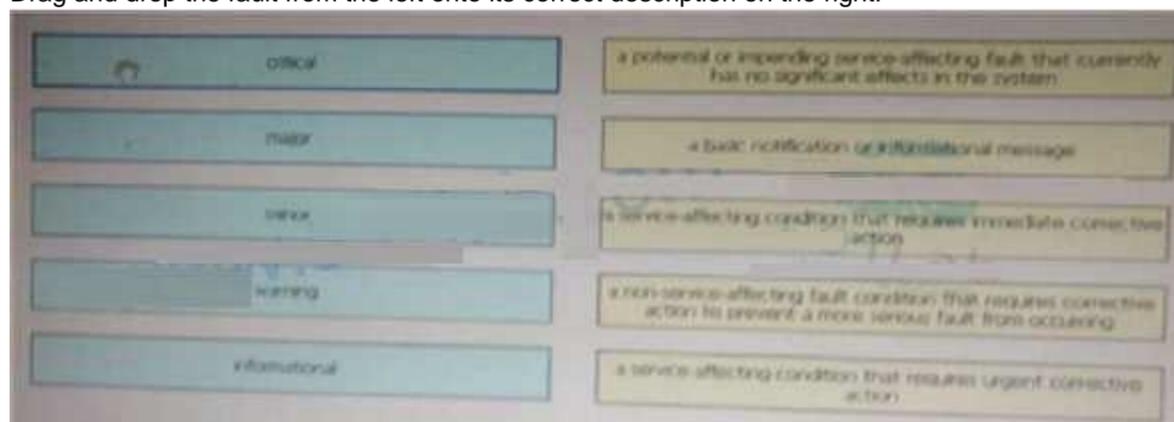
**Explanation:**

[https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus1000/sw/4\\_0\\_4\\_s\\_v\\_1\\_2/security/configuration/guide/n1000v\\_security/n1000v\\_security\\_14sourceguard.pdf](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus1000/sw/4_0_4_s_v_1_2/security/configuration/guide/n1000v_security/n1000v_security_14sourceguard.pdf)

**NEW QUESTION 311**

DRAG DROP

Drag and drop the fault from the left onto its correct description on the right.



**Answer:**

**Explanation:** Informational -- a basic notification or informational message

Minor -- a non service-affecting fault condition that requires corrective action to prevent a more serious fault from occurring

Major -- a service-affecting condition that requires urgent corrective action

Critical -- a service-affecting condition that requires immediate corrective action

Warning -- a potential or impending service-affecting fault that currently has no significance effects in the system

**NEW QUESTION 314**

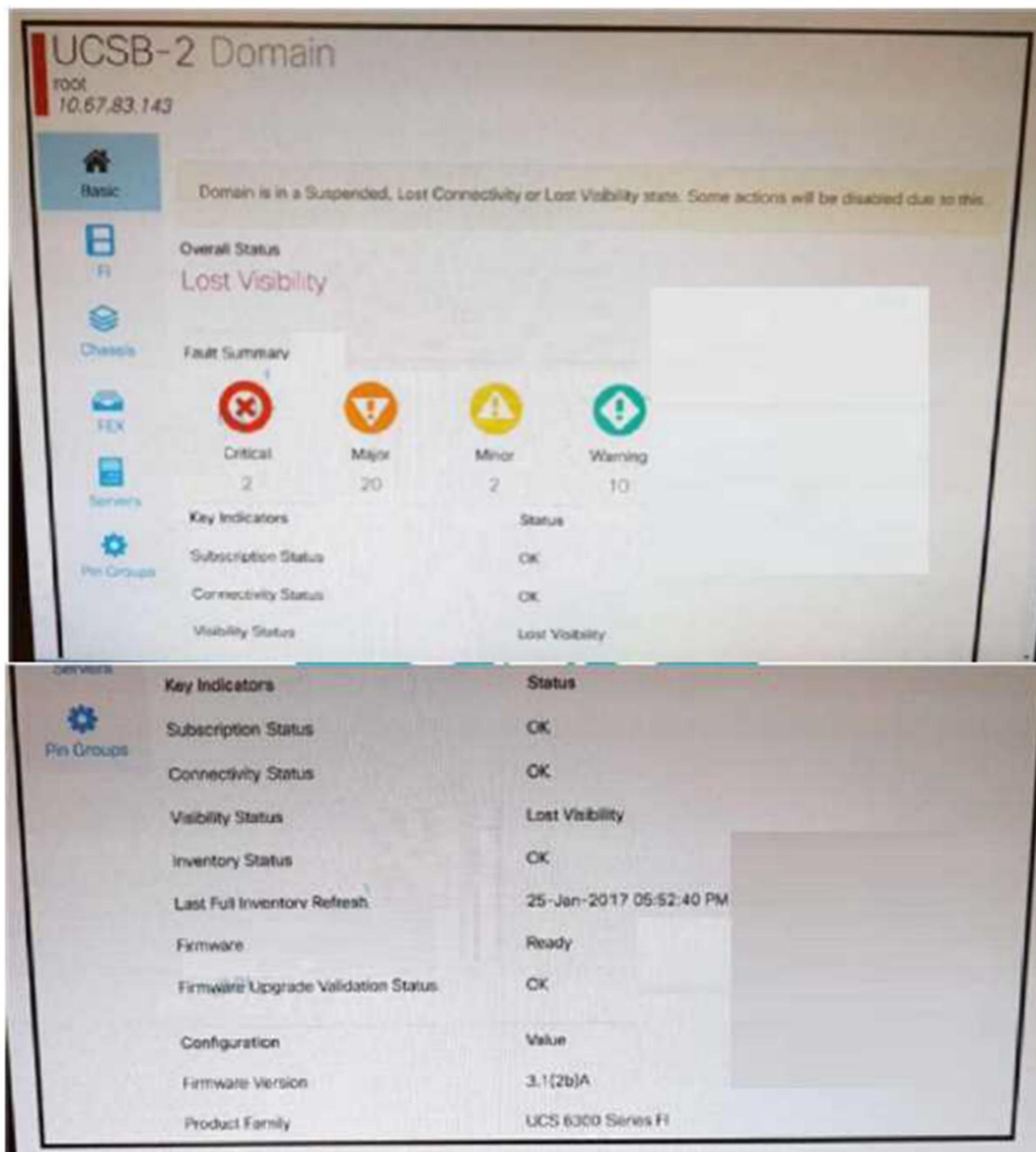
How do multicast routes in the same segment choose the DR?

- A. Cisco Nexus switches do not have a concept of DR due to vPC
- B. PIM exchanges unicast hello messages between all routers advertised by the anycast RP
- C. PIM hello messages are sent to 224.0.0.13 and the router with the highest priority is selected as the DR
- D. PIM hello messages are sent to 224.0.0.13 and the router with the lowest priority is selected as the DR

**Answer:** C

**NEW QUESTION 317**

Refer to the exhibit.



Which potential cause of this issue is true?

- A. Cisco UCS Central has run out of licenses and the grace-period time has expired
- B. A firewall is blocking communication between the Cisco UCS Fabric Interconnect and Cisco UCS Central
- C. There is no issue .The admin of Cisco UCS Central has removed the Cisco UCS Domain from the inventory and after the clean-up takes place, this domain will no longer be present
- D. There is no issue Performing a manual full inventory refresh allows Cisco UCS Central and Cisco UCS Manager to become in-sync again

**Answer: B**

**Explanation:** <https://www.cisco.com/c/en/us/support/docs/servers-unified-computing/unified-computing-system/200901-Troubleshooting-UCSM-Registration-Issues.pdf>

**NEW QUESTION 319**

The local service profiles in Cisco UCS Manager refer to global ID pools, but the IDs are not allocated.Which two tasks must be completed when checking Cisco UCS Central and/or Cisco UCS Manager? (Choose two)

- A. Verify that the registered Cisco UCS domain is not in a lost visibility or suspended state
- B. Make sure that the local pools contain enough IDs
- C. Make sure that the global pools contain enough IDs
- D. Ensure that global pools with the same name exist with available IDs
- E. Ensure that local pools with the same name exist with available IDs

**Answer:** AC

**NEW QUESTION 321**

Which two cluster interface types are valid when integrating a Layer 4 –Layer 7 device in an ACI Fabric? (Choose two)

- A. outside
- B. inside
- C. provider
- D. consumer
- E. control

**Answer:** CD

**NEW QUESTION 324**

Which statement about switch policies and leaf profiles in the ACI Fabric is true?

- A. Switch leaf profiles are configured under Fabric > Fabric Policies
- B. Leaf and spine profiles can be part of the same switch policy switch profile when the ports on the leafs and spines have similar characteristics
- C. Manually configuring leaf profiles is not required because they are dynamically configured after new devices come online that are connected to the front panel ports of the leaf
- D. Leaf profiles are associated to interface selector profiles that identify ports on the leaf
- E. Each leaf profile in the ACI fabric must have a unique policy that identifies each single leaf

**Answer:** D

**NEW QUESTION 329**

Which three options are prerequisites to enable Intelligent Traffic Director on the Cisco Nexus 7000 series? (Choose three)

- A. feature pbr
- B. feature lldp
- C. feature sla sender
- D. feature vlan
- E. feature interface-vlan
- F. ipsla responder

**Answer:** ACF

**NEW QUESTION 333**

Which two statements about configuring the Intermediate System-to-Intermediate System domain policy on an ACI Fabric are true? (Choose two)

- A. The IS-IS LSP generation initial wait, maximum wait, and second wait intervals can all be configured
- B. The IS-IS fast-flooding of link state packets improves IS-IS convergence time
- C. The IS-IS default MTU is set at 4352, and it cannot be changed
- D. The IS-IS domain policy is configured under Fabric > Global Policies
- E. The IS-IS domain policy is configured under Fabric > Access Policies
- F. Cisco Nexus switches do not have a concept of DR due to vPC
- G. PIM exchanges unicast hello messages between all routers advertised by the anycast RP
- H. PIM hello messages are sent to 224.0.0.13 and the router with the highest priority is selected as the DR
- I. PIM hello messages are sent to 224.0.0.13 and the router with the lowest priority is selected as the DR

**Answer:** AB

**NEW QUESTION 336**

Which two statements about Node Management Address are true? (Choose two)

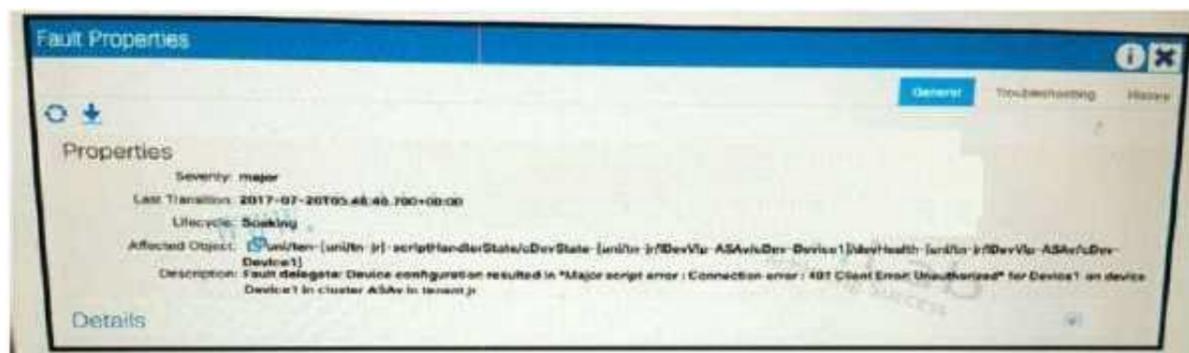
- A. Static node management addresses support only IPv4 addressing
- B. Static node management addresses, in-band and out-of-band, are associated with the common tenant
- C. Node management addresses are configured during the initial APIC and switch setup scripts, and they are not part of APIC policy configuration
- D. The external management entity instance profile communicates with nodes that are part of out-of-band management endpoint group
- E. The managed node connectivity group captures the set of nodes that are going to participate in the management network

**Answer:** CE

**Explanation:** [http://aci-troubleshooting-book.readthedocs.io/en/latest/mgmt\\_tn.html#fabric-management-routing](http://aci-troubleshooting-book.readthedocs.io/en/latest/mgmt_tn.html#fabric-management-routing)

**NEW QUESTION 340**

Refer to the exhibit.



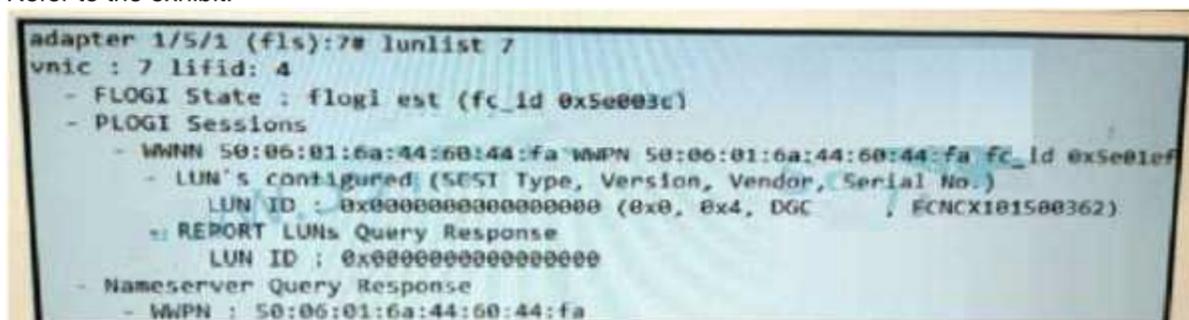
When adding an ASAv to the APIC, the user notices a fault raised on the device. Which cause of this fault is the most likely?

- A. The device package was never uploaded
- B. The incorrect username and password was used
- C. The configuration specified HTTP and not HTTPS
- D. The configuration did not specify "apic" as the username

**Answer: D**

**NEW QUESTION 345**

Refer to the exhibit.



You have been investigating an issue with your Cisco UCS blade booting from remote Fibre Channel storage. Upon inspection, you see the output in the exhibit. Which two statements are true? (Choose two)

- A. FC\_ID 0x5e01ef is that of the storage array
- B. FC\_ID 0x5e003c is that of the HBA
- C. FC\_ID 0x5e003c is that of the MDS or Cisco Nexus 5000 Series Switch
- D. FC\_ID 0x5e003c is that of the storage array
- E. FC\_ID 0x5e01ef is that of the MDS or Cisco Nexus 5000 Series Switch

**Answer: AB**

**Explanation:** <https://nicholasgerasimatos.wordpress.com/2014/01/10/cisco-ucs-boot-from-santroubleshooting/>

**NEW QUESTION 349**

Which three descriptions of the advantages of using a Layer 4 – Layer 7 service graph in the ACI Fabric are true? (Choose three)

- A. It provides a template that can be reused multiple times
- B. Only virtual Layer 4 – Layer 7 devices are required
- C. It makes manual VLAN assignments
- D. It automatically connects vNICs
- E. No contracts are required between consumer and provider EPGs
- F. It updates ACLs and pools automatically with endpoint discovery

**Answer: ADF**

**Explanation:**

[https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/ACI\\_Best\\_Practices/b\\_ACI\\_Best\\_Practices/b\\_ACI\\_Best\\_Practices\\_chapter\\_0110.pdf](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/ACI_Best_Practices/b_ACI_Best_Practices/b_ACI_Best_Practices_chapter_0110.pdf)

**NEW QUESTION 354**

A user requests one primary VLAN,two community VLANs and two isolated VLANs for multicasts capable servers that must transmit multicast traffic and receive multicast traffic through the use of IGMPv2 on which VLAN must the IGMP querier be configured?

- A. isolated VLAN and both community VLANs
- B. only the primary VLAN
- C. primary and secondary VLANs
- D. Layer 2 multicast is not supported when using private VLANs

**Answer: A**

**NEW QUESTION 357**

Which IETF standard is the most efficient messaging protocol used in anIoT network?

- A. SNMP
- B. HTTP

- C. CoAP
- D. MQTT

**Answer: C**

**NEW QUESTION 360**

How do you manually configure a vNIC MAC address?

- A. Use the mac -address-table static command.
- B. Modify the dynamic vNIC connection policy.
- C. Use the set identity dynamic-mac command.
- D. Modify the adapter policy.

**Answer: D**

**NEW QUESTION 363**

Which two statements about import and export route control in an ACI fabric are true? (Choose two.)

- A. Prefixes learned from OSPF/EIGRP L3outs are never permitted inbound by default.
- B. Prefixes learned from BGP L3outs cannot be filtered inbound.
- C. Export route control controls if the prefixes are redistributed from MP-BGP to the egress leaf.
- D. Prefixes permitted inbound are redistributed into MP-BGP at the ingress leaf.

**Answer: CD**

**NEW QUESTION 366**

While doing service insertion with vASA with route peering, which two parts must be configured? (Choose two.)

- A. The path for interfaces must be specified when the L4-L7 device is created.
- B. The route peering profile must be specified when the L4-L7 Service Graph template is created.
- C. The VM name must be specified when the L4-L7 device is created.
- D. The chassis must be specified when the L4-L7 device is created.

**Answer: AB**

**NEW QUESTION 371**

Which definition of Intelligent Service Card Manager is true?

- A. part of the RISE service that is responsible for establishing initial connectivity with remote appliances (for example Citrix NetScaler)
- B. Citrix NetScaler
- C. management software to manage Cisco Nexus devices
- D. management software to manage provisioning of RISE services on a Cisco Nexus switch
- E. part of the RISE service that resides on a Cisco Nexus switch that is responsible for handling tasks related to receiving Route Health Injection messages from appliances and programming those routes in the universal routing information base
- F. part of the RISE service that resides on an appliance (for example, Citrix NetScaler) that is responsible for sending Route Health Injection messages to a Cisco Nexus switch

**Answer: A**

**NEW QUESTION 374**

Refer to the exhibit.

ID	Name	Serial Number	IP Address	Role	State	LastUpdMsgId
0		SAL12345678	0.0.0.0	unknown	unsupported	0

An admin wants to bring online a new leaf node into their ACI fabric. Before registering the leaf node, the admin checks the current status and sees this output. Which option is the reason for the admin to see this output?

- A. The wrong catalog firmware is running on the APIC.
- B. This output is expected until the admin registers the leaf node and assigns it a role.
- C. The leaf node is yet to be physical connected to the fabric.
- D. The DHCP server running on the APIC has failed and thus the leaf node has not been able to obtain an IP address.
- E. This output is expected until the admin registers the leaf node with an ID and name.

**Answer: E**

**NEW QUESTION 376**

Which three main benefits of using vpath are true? (Choose three)

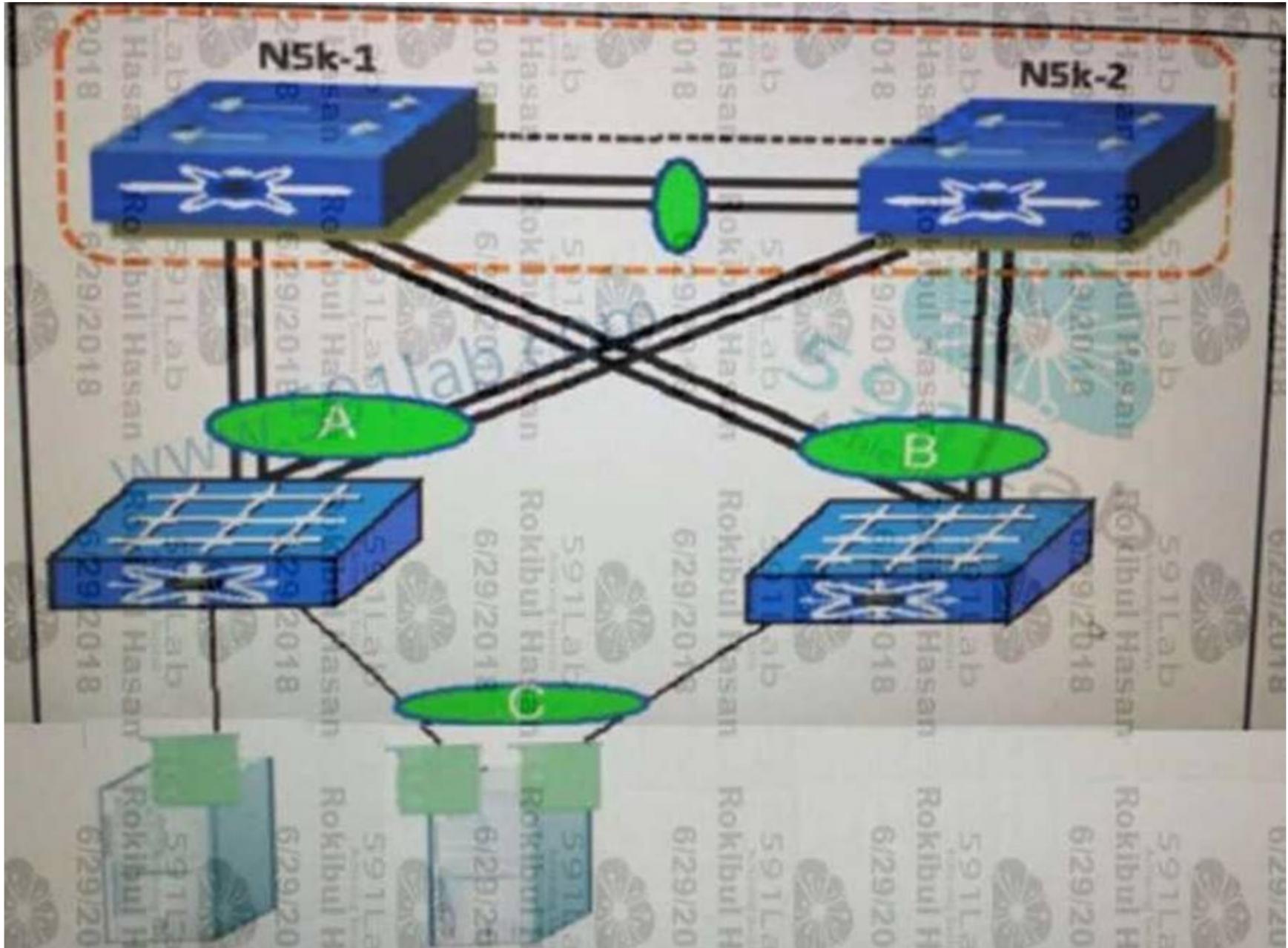
- A. multitenancy
- B. multisite
- C. service graphs
- D. dynamic service provisioning

- E. service chaining
- F. device packages

**Answer:** ADE

**NEW QUESTION 378**

Refer to the exhibit



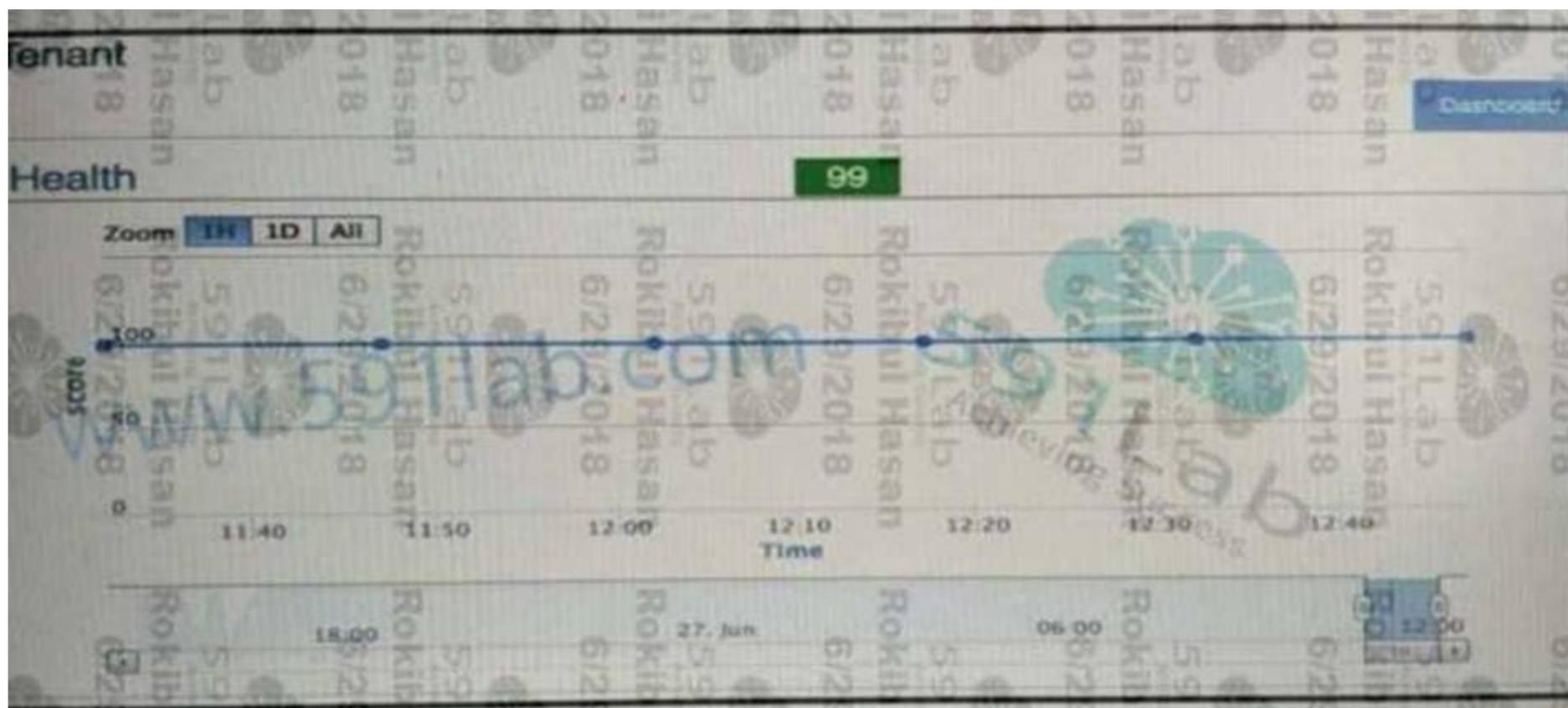
When configuring enhanced vPC for a dual-home server, where vPC port-channel command must be configured?

- A. A, B and C
- B. vPC configuration is not required when using dual-home FEX
- C. C only
- D. A and b

**Answer:** A

**NEW QUESTION 382**

Refer to the exhibit.



Which two statements about the health of the displayed tenant are true?  
(Choose two)

- A. The current health score is good and indicates that all EPGs of this tenant are deployed.
- B. The tenant health score has not changed over displayed period of time.
- C. The health score is good, but further investigation is needed to determine the health of the EPGs
- D. faults directly related to this tenant caused by access policies must be viewed in the Fabnc > Access policies tab

**Answer:** BC

**NEW QUESTION 384**

Refer to the exhibit.



All endpoint default gateways are correctly configured. The ASAv is operating in managed mode. Which three items do you verify as correct when troubleshooting an issue where endpoints in EPG- EXT were unable to ping endpoints in EPG-DMZ? (Choose three)

- A. The bridge domain for EPG-DMZ and EPG-EXT are configured for ARP flood
- B. The enable password is correctly configured on the APIC layer A-I Layer 7 device
- C. The VRF for the BDs used is configured for unenforced mode
- D. The contract/subject has the correct service graph configured
- E. The VRF for the BDs used is configured for enforced mode
- F. The function profile used in the graph is configured to permit IP protocol 1

**Answer:** ADF

**NEW QUESTION 385**

How does FabricPath build loop-free topologies for multideestination traffic?

- A. FabricPath uses spanning-tree inside the fabricPath network to prevent loops.
- B. FabricPath uses forwarding tags to ensure a encapsulate Ethernet traffic in IP multicast packet.
- C. FabricPath uses multicast groups to encapsulate Ethernet traffic in IP multicast packet.

D. FabricPath cannot have loops and does not need to rely any logic to prevent them

**Answer: B**

**NEW QUESTION 387**

Which two statements about ASA and multicontext support in ACI are true? (Choose two)

- A. The application policy Infrastructure Controller creates the contexts in the USA
- B. The APIC must communicate with the system context and each virtual context.
- C. Multicontext support enables the same physical appliance to be experted to multiple tennats.
- D. With ASA, you cannot partition a single physical ASA into multiple virtual firewalls
- E. You can create multiple partitions with a virtual appliance, but the vNICs can be shared

**Answer: BC**

**NEW QUESTION 389**

Which two options are benefits of moving the application development workload to the cloud? (Choose two)

- A. High availability and redundancy is handled by the hypervisor
- B. The application availability is not affected by the loss of a single virtual machine
- C. It provides you full control over the software packages and vendor used
- D. The workload can be moved or replicated easily
- E. It provides a more secure environment.

**Answer: BD**

**NEW QUESTION 394**

In OpenStack, which project stores and retrieves arbitrary unstructured data objects?

- A. Keynote
- B. Nova
- C. Cinder
- D. Swift

**Answer: D**

**NEW QUESTION 397**

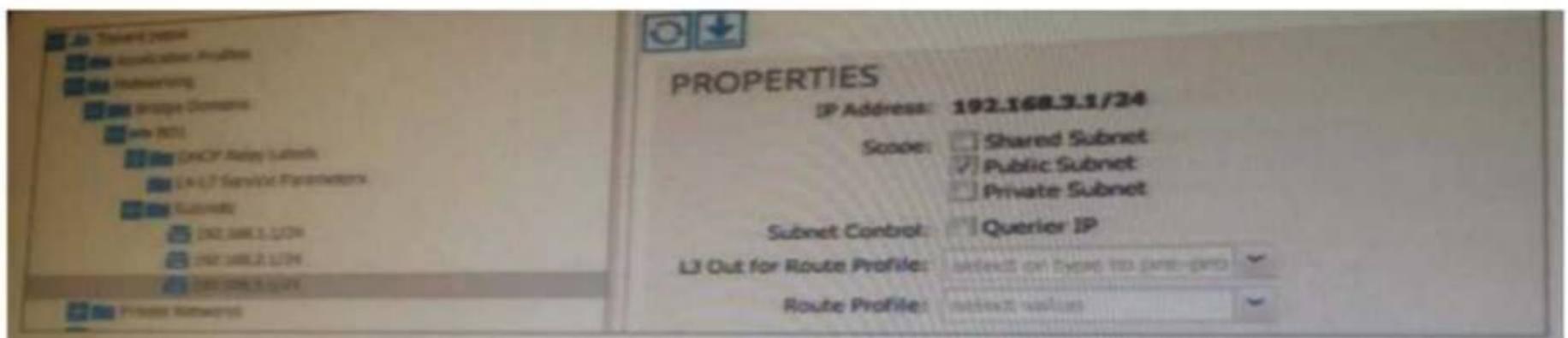
You have been asked to review the IoT migration plans for manufacturing plant. Which technology should take priority?

- A. Applications
- B. Sensors
- C. Security
- D. Ethernet Switches
- E. Wi-Fi Infrastructure

**Answer: B**

**NEW QUESTION 399**

Refer to the exhibit.



When specifying subnets under a bridge domain for a given tenant the user can specify the scope of a subnet. Which definition of the public subnet scope is true?

- A. It indicates that this subnet is advertised to public Internet and must protected by a firewall
- B. It indicates that it must be leaked m one or more private networks within ACI fabric
- C. It indicates that this subnet is advertised to the border leaf in ACI fabric
- D. It indicates that this subnet is advertised to the external router by the border leaf

**Answer: D**

**NEW QUESTION 403**

Which IEEE standard defines wireless access in vehicular environments?

- A. 802.11k
- B. 802.11ac

- C. 802.11af
- D. 802.11p

**Answer:** D

**NEW QUESTION 407**

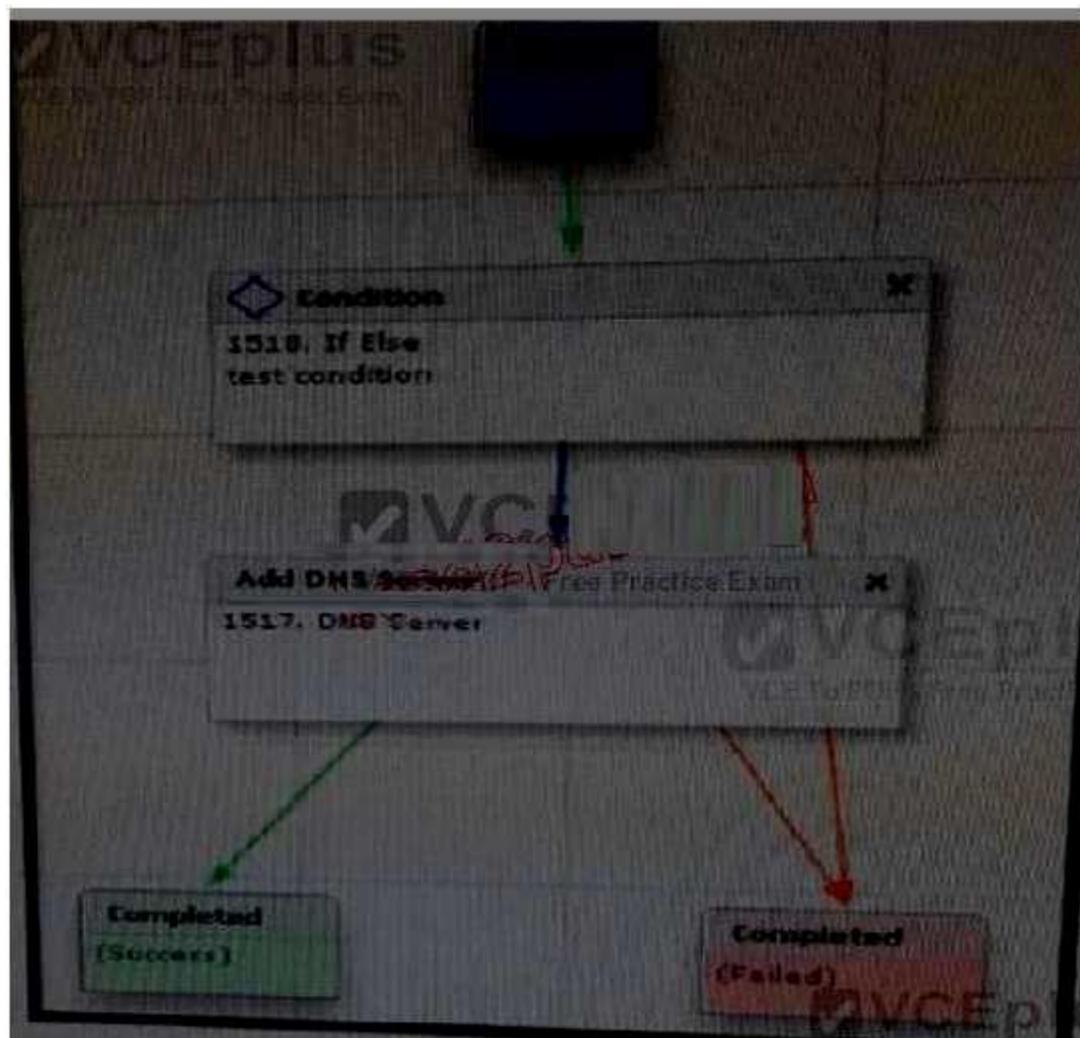
Which three functions are Key characteristics of the data center access layer in a three-tier architecture? (Choose three)

- A. provides connectivity to network based services (load balancer and firewall)
- B. provides connectivity to the servers
- C. must support routing protocols such as OSPF and BGP
- D. performs QoS marking
- E. segment workgroups
- F. implemented in top-of-rack or end-of row topology

**Answer:** BDF

**NEW QUESTION 411**

Refer to the exhibit.



Which condition executes the Add DNS server task"?

- A. true
- B. failed
- C. undefined
- D. false

**Answer:** C

**NEW QUESTION 414**

What is the recommended monitoring threshold for Memory in Cloud Center platform?

- A. Free memory is less than 10% on a regular basis
- B. Free memory is less than 15% on a regular basis
- C. Free memory is less than 5% on a regular basis
- D. Free memory is less than 25% on a regular basis
- E. Free memory is less than 20% on a regular basis

**Answer:** A

**NEW QUESTION 418**

Which three pre-built templates in Cloud Center are available in Core Profiles? (Choose three)

- A. Parallel
- B. Batch
- C. Hadoop Jar Runner
- D. PHP Web App

- E. Java Web
- F. Cluster

**Answer:** ABF

**NEW QUESTION 420**

A user is presented with the underlying hardware and software needed to develop and offer applications via the Internet from a cloud service provider. Which cloud model is this user consuming?

- A. Software as a Service
- B. Application as a Service
- C. Infrastructure as a Service
- D. Platform as a Service

**Answer:** D

**NEW QUESTION 421**

.....

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