400-151 Dumps

CCIE Data Center Written Exam

https://www.certleader.com/400-151-dumps.html
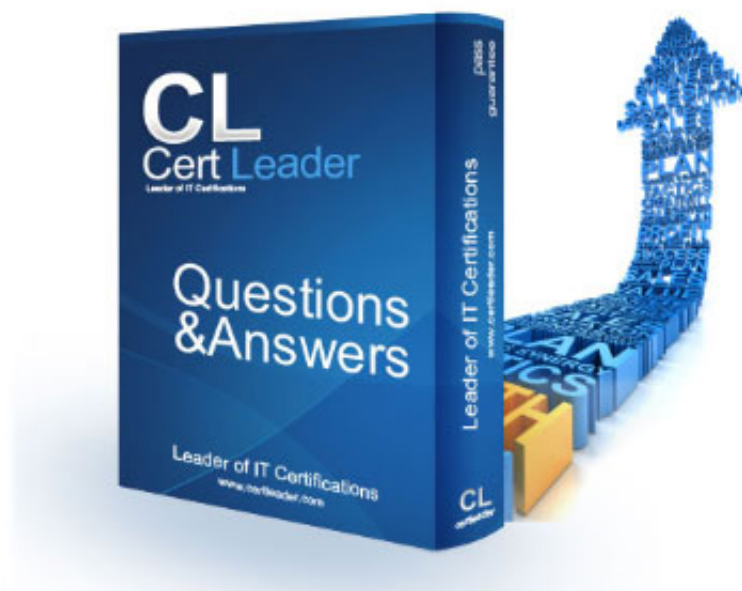
NEW QUESTION 1
Refer to the exhibit.


```
admineapic1:~> moquery -c fvAEPg -f 'fv.AEPg.name== 'Clients'        admineapic1:~> moquery -c fvAEPg -f 'fv.AEPg.name== 'Server'
Total Objects shown: 1                                               Total Objects shown: 1

# fv.AEPg                                                            # fv.AEPg
name            : Clients                                            name            : Server
childAction     :                                                    childAction     :
configIssues    :                                                    configIssues    :
configSt        : applied                                            configSt        : applied
descr           :                                                    descr           :
dn              : uni/tn-Pod1/ap-VMM/epg-Clients                     dn              : uni/tn-Pod1/ap-VMM/epg-Server
isAttrBasedE    : no                                                 isAttrBasedEPg  : no
lcOwn           : local                                              lcOwn           : local
matchT          : AtleastOne                                         matchT          : AtleastOne
modTs           : 2015-09-30T12:08:43.063+11:00                      modTs           : 2015-09-30T12:08:43.063+11:00
monPolDn        : uni/tn-common/monepg-default                       monPolDn        : uni/tn-common/monepg-default
pcTag           : 32770                                              pcTag           : 49154
prio            : unspecified                                        prio            : unspecified
rn              : epg-Clients                                        rn              : epg-Server
scope           : 2392065                                            scope           : 2392065
status          :                                                    status          :
triggerSt       : triggerable                                        triggerSt       : triggerable
txId            : 0                                                  txId            : 0
uid             : 15374                                              uid             : 15374


Leaf101# show zoning-rule scope 2392065
Rule ID      SrcEPG       DstEPG       FilterID    operSt      Scope       Action      Priority
=======      ======       ======       ========    ======      =====       ======      ========
4225         0            0            implarp     enabled     2392065     permit      any_any_filter(13)
4226         0            0            implicit    enabled     2392065     deny,log    any_any_any(14)
4227         0            49153        implicit    enabled     2392065     permit      any_dest_any(12)
Leaf101#
```

A virtual machine in the EPG "Clients" is unable to communicate via ICMP with a virtual machine in the EPG "Server". Which option is the most likely cause of this issues?

A. The EPG "Server" is providing the relevant contract but the EPG "Clients" is not consuming the contract
B. Not enough detail is provided in the output to determine the exact cause
C. There is no issue because the configured rules permit ICMP traffic
D. No contract is configured between the two EPGs

Answer: D

NEW QUESTION 2
Refer to the exhibit.
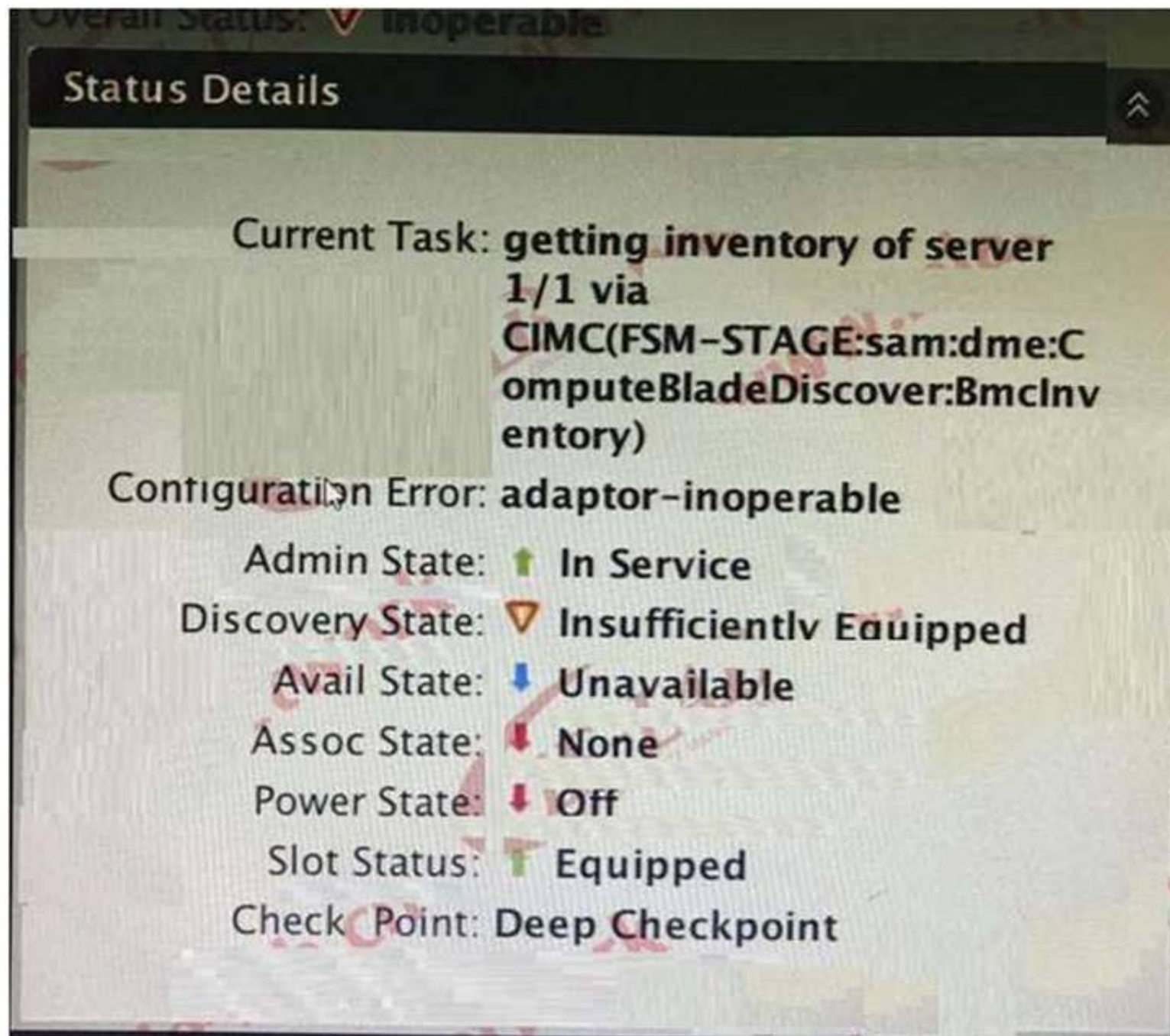
After you upgrade Cisco UCS firmware, some of your blades have these error messages. Which description of the problem is true?

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 3
Refer to the exhibit.

```
https://{{hostName}}/api/node/class/infraWiNode.json?query-target-filter=wcard(infraWiNode.dn,
"topology/pod-1/node-1/av"
```

Using GET method with this XML code, which two pieces of information about Application Policy Infrastructure Controllers shows the output? (Choose two)

A. ports of the leaves where the APICs are connected
B. hard disks status for each APIC in the cluster
C. APIC version installed on each node
D. serial number of each APIC in the cluster
E. admin status of each APIC in the cluster
F. number of network interfaces of each APIC

Answer: DE

NEW QUESTION 4
Refer to the exhibit.
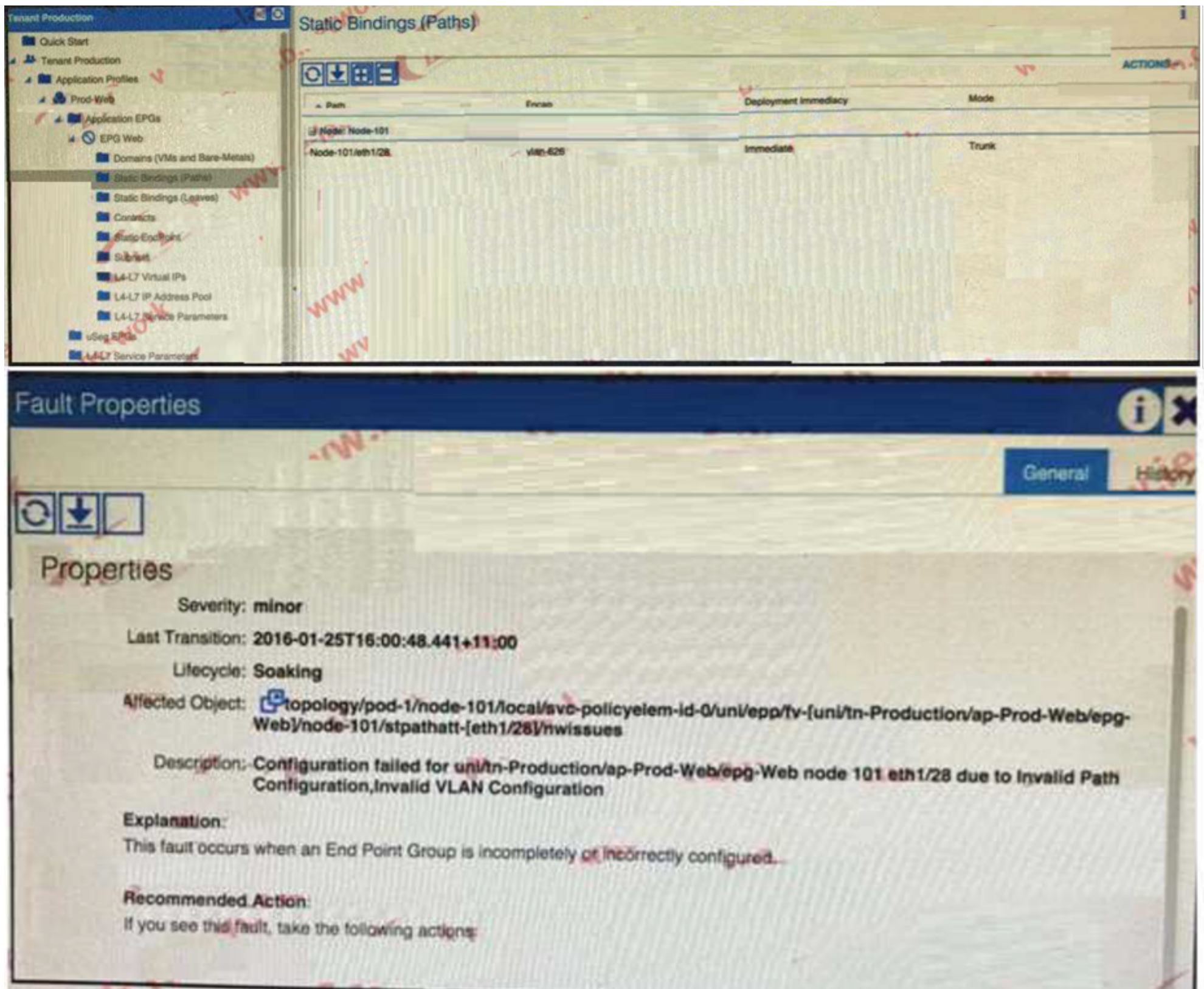
An admin has created a new EPG in an ACI fabric. The admin then specified static path binding as shown in exhibit. After submitting this policy configuration, the admin noticed that this newly created EPG had the fault shown in the exhibit. Which option is the likely Explanation: of this fault?

A. There is no faul
B. The fault is currently in the soaking state and the fault will automaticlly clear and everything will work as expected
C. The encap VLAN configured is not within the allowed range of VLANs as specified by the associated domain
D. There is not enough information to determine the cause of the problem
E. The admin incorrectly configured this static path as a "trunk" when it should have been configured as an access (untagged) port

Answer: B

NEW QUESTION 5
A network architect must migrate the legacy infrastructure switches of a customer from a Cisco
Nexus 9000 platform. Which process helps achieve this milestone?

A. Create a container providing separate execution space
B. Manage software upgrades via guest shell
C. Allow guests temporary access to the CLI without logging in
D. Set up a web-based interface for configuration management

Answer: A

NEW QUESTION 6
Which two components are the responsibility of the customers in a Platform as a Service offering? (Choose two)

A. APIs
B. infrastructure connectivity
C. applications
D. hardware
E. data

Answer: CE

NEW QUESTION 7
Which description of a hybrid SDN framework is true?

A. The control plane function is split between a SDN controller and the networking element
B. The control plane and data plane are pulled from the networking element and put in an SDN controller and SDN agent
C. The data plane is pulled from the networking element and put in an SDN controller
D. The control plane is pulled from networking element and put in an SDN controller

Answer: A

NEW QUESTION 8
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 9
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 10
Within Infrastructure as a Service, which two components are managed by the provider? (Choose two)

A. servers
B. data
C. networking
D. applications
E. runtime

Answer: AC

NEW QUESTION 10
Refer to the exhibit.


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

vnic : 14 lifid: 3
    - FLOGI State : flogi est (fc_id 0x3a00c0)
    - PLOGI 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 : 0x0000000000000000  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 : 0x0000000000000000  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 fatric interconnect storage upink ports
D. Check the iscsi initiator group pool
E. Check the LUN masking configuration on the storage array

Answer: A

NEW QUESTION 15
DRAG DROP
Drag and drop the MST Spanning Tree protocol standards from left onto the correct characteristics on the right.

region		ability to map VLANs to a single spanning tree instance.
revision level		unique two byte numeric value used as an attribute to define a region.
boundary port		attaches a MST Bridge to a LAN that is not in the same region.
boundary switch		CIST Regional Root elected based on the shortest external path cost to the CIST Root
virtual bridge		allows for details of the MST regions to be hidden from switches outside the region.

Answer:

Explanation: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/5_x/nx-os/layer2/configuration/guide/Cisco_Nexus_7000_Series_NX-OS_Layer_2_Switching_Configuration_Guide_Release_5-x_chapter8.html#con_1706067

MST Configuration Information

The MST configuration that must be identical on all devices within a single MST region is configured by the user.

You can configure the three parameters of the MST configuration as follows:

- Name—32-character string, null padded and null terminated, identifying the MST region
- Revision number—Unsigned 16-bit number that identifies the revision of the current MST configuration

NEW QUESTION 20
Refer to the exhibit.
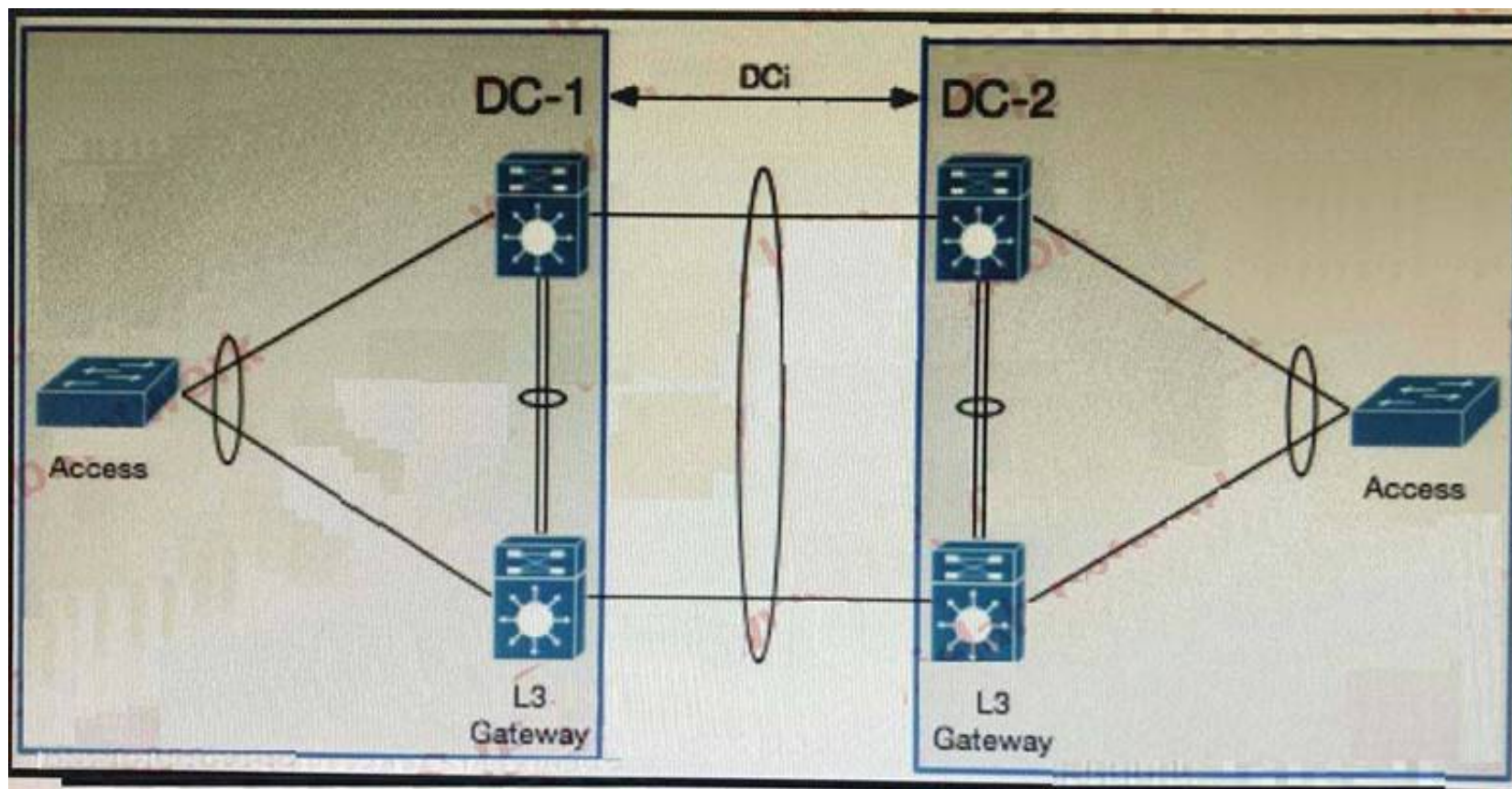
Which two options must be configured on the Layer 3 Gateway switches to isolate the HSRP between the two data centers? (Choose two)

A. disable HSRP GARP on the SVIs for the VLANs that move across the DCI
B. routed access control list on the DCI on the SVIs that blocks the HSRP control traffic
C. port access control list on the DCI port-channel that blocks the HSRP control traffic
D. VLAN access control list that blocks the HSRP control traffic
E. ARP inspection filter that blocks the HSRP GARPs

Answer: DE

Explanation: https://www.cisco.com/c/en/us/support/docs/switches/nexus-7000-series-switches/118934-configure-nx7k-00.html#anc12

NEW QUESTION 25
Which of the following statements regarding Multi-Pod deployment is true?

A. Each Pod is assigned a separate and not overlapping TEP pool
B. TEP pools are used for layer 2 communication between the Pods
C. Each Pod selects its own TEP pool as its locally significant
D. TEP pool are not redistributed to the leaf nodes as they are only limited to spines

Answer: A

Explanation: https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-737855.html

NEW QUESTION 29
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

NEW QUESTION 32
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_Configura tion_Guide_chapter_010.pdf

NEW QUESTION 34
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

NEW QUESTION 38
Which of the following are two possible upgrade states for a node in ACI ? (Choose two)

A. CompleteNOK
B. upgrading
C. CompleteOK
D. aborted
E. failed

Answer: AC

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/Operating_ACI/guide/b_Cisco_Operating_ACI/b_Cisco_Operating_ACI_chapter_0101.
pdf

NEW QUESTION 41
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 46
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_Gui
de_2_2_chapter_0101 01.html

NEW QUESTION 49
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

NEW QUESTION 52
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 55
Which protocol does NX-API use as its transport

A. HTTP/HTTPS
B. SCP
C. SFTP
D. FTP
E. SSH

Answer: A

NEW QUESTION 60
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 63
Which three options can be used to add a device as a member to a zone? (Choose three)

A. IP address
B. LUN ID
C. device alias
D. Fibre Channel ID
E. VLAN ID
F. fully qualified domain name

Answer: BCD

NEW QUESTION 64
Which four types of tables does Cisco vPathmaintain?Which are crucial for its operations toclassify
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 67
Which two guidelines and limitations of policy-based routing are true? (Choose two.)

A. A match command can refer to more than one ACL in a route map used for policy-basedroyting.
B. An ACL used in a policy-based routing route map cannot include a deny statement.
C. The same route can be shared among different interfaces for policy-based routing as long asthe interfaces belong to the same VRF instance
D. A policy-based routing route map can have multiple match or set statements per route- mapstatement
E. Policy-based routing and WCCPv2 are not supported on the same interface if bank chaining isdisabled

Answer: BC

NEW QUESTION 72
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 theAPIC
B. LLDP must be enabled on the virtual interface card ofthe 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 ofAPICs

Answer: AE

NEW QUESTION 76
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 79
When the administrator uses the commit command to activate the changes to the call homeconfiguration, 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 83
Which three configuration can be different between EVPN vPC peers? (Choose three.)

A. Using a different secondary IP address
B. Consistent NVE1 binding to the same loopback interface
C. Consistent VLAN to VN-segment mapping
D. Consistent VNI to group mapping
E. Using the same primary IP addresses
F. Loopback primary IP address

Answer: AEF

NEW QUESTION 86
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 notlimit

Answer: D

NEW QUESTION 90
Which option must be configured before IP Source Guard is used successfully in your networkenvironment?

A. Dynamic ARP inspection
B. DHCP snooping
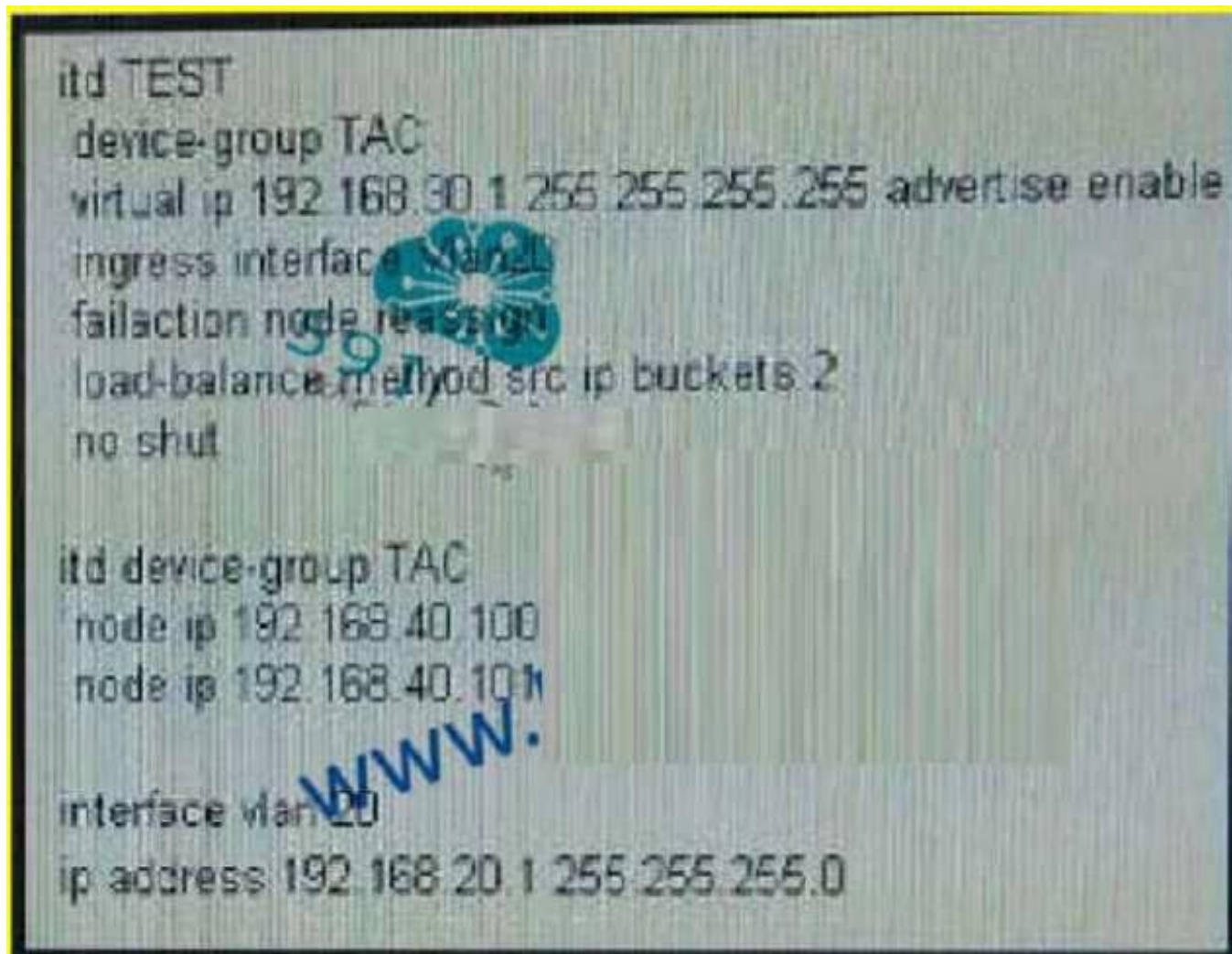C. port security
D. dot1tx

Answer: B

NEW QUESTION 91
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 93
Refer to the exhibit.

```
itd TEST
  device-group TAC
  virtual ip 192.168.30.1 255.255.255.255 advertise enable
  ingress interface Vlan20
  failaction node reassign
  load-balance method src ip buckets 2
  no shut

itd device-group TAC
  node ip 192.168.40.100
  node ip 192.168.40.101

interface vlan 20
ip address 192.168.20.1 255.255.255.0
```

ITD is configured as shown on a Cisco Nexus 7000 switch. Why is ping toVIP 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 96
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 97
Refer to the exhibit.


```
Prod-UCS-A(nxos)# show flogi  database
---------------------------------------------------------------------------
INTERFACE         VSAN    FCID         PORT NAME                  NODE NAME
---------------------------------------------------------------------------
fc1/1             2       0x3d0000     21:00:00:24:ff:5e:c8:84    20:00:00:24:ff:5e:c8:84
fc1/2             2       0x3d0020     21:00:00:24:ff:5e:c8:ea    20:00:00:24:ff:5e:c8:ea
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:aa:6f    20:00:00:25:b5:0a:00:9f
vfc751            2       0x3d00c0     20:00:00:25:b5:0a:aa:4f    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 101
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 theunicast traffic path

Answer: BE

NEW QUESTION 105
Refer to the exhibit.

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 interconnectB
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 106
Which open source controller is a general purpose SDN controller for service provider and enterprise
network operators?

A. Beacon OpenFlow Controller
B. Cisco OpenDaylight Controller
C. Open Network Operating System
D. OpenStack Neutron
E. Linux Foundation OpenDaylight

Answer: E

NEW QUESTION 108
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 111
Which three distinct categories are within the cloud computing stack? (Choose three)

A. SaaS
B. laaS
C. NaaS

D. PaaS
E. LaaS
F. DaaS

Answer: ABD

NEW QUESTION 112
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 115
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 rouer-tarfet 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 120
Which two statements about policing, queuing,and scheduling ate true? (Choose two)

A. You can schedule traffic by imposing a maximum data rate on a class of traffic so that excess packets are dropped from the queue
B. You can apply WRED to a class of traffic, which allows packets to be dropped based on the CoS field.
C. The WRED algorithm is a reactive approach that only applies to traffic confestion
D. Policing is the monitoring of data rates for a particular class of traffic, The device can also monitor associated burst sizes
E. Only single rate and dual rate policers can be defined.

Answer: BD

NEW QUESTION 124
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.
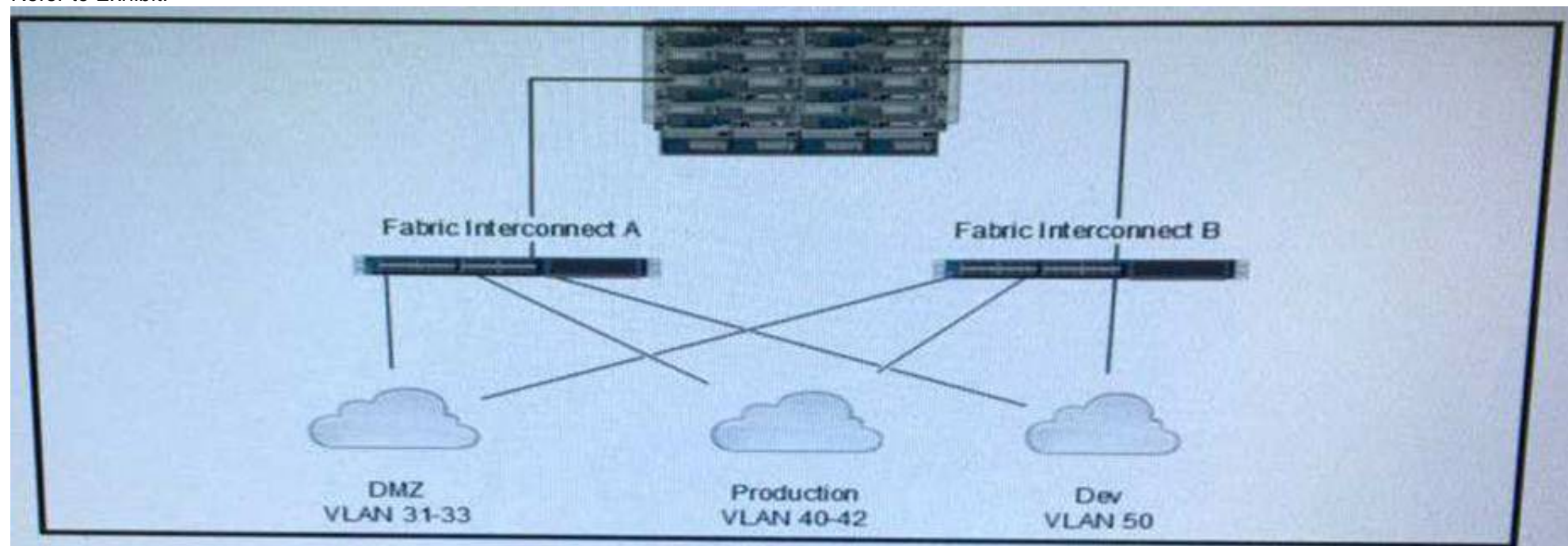Which reason for this behavior is true?

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

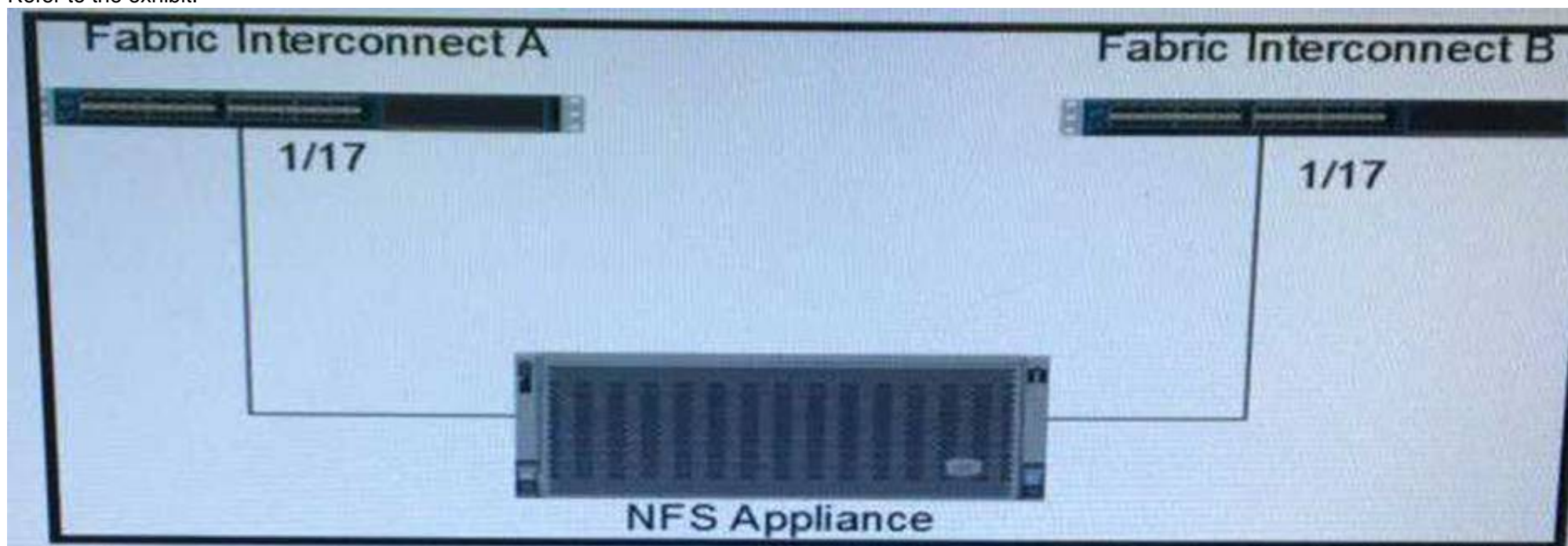**Answer:** A

NEW QUESTION 125
Refer to Exhibit:

Which option is the minimum number of vNICS required by the service profile to connect to all available Vlans

A. 6
B. 7
C. 3
D. 1

Answer: C

NEW QUESTION 126
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 130
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
B. It provides a solution to extend Layer 2 segments over a shared Layer 3 routed network
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 135
Which three LSA types are valid for OSPFv2? (Choose three)

A. Router LSA: an LSA sent by every route
B. This LSA includes the state and the cost of all links and a list of all OSPFv2 neighbors on the link
C. AS Internal LSA: an LSA generated by the ASB
D. AS Internal LSAs are flooded only within the autonomous system
E. Backbone Summary: an LSA sent by the backbone router to all the OSPF areas
F. DR Summary LSA: an LSA sent by the DR router to all the others on network
G. Default LSA: an LSA generated by the ASB
H. These LSAs are used to propagate default route into OSPF
I. Network LSA: an LSA sent by the D
J. This LSA lists all routers in the multi-access network
K. Opaque LSA: an LSA used to extend OSPF

Answer: AFG

NEW QUESTION 138
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 140
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 144
Which option is the default FC-MAP?

A. 0f:fc:00
B. 0e:fc:00
C. 0e:fe:00
D. 0f:fe:00

Answer: B

NEW QUESTION 147
Which two connectivity modes does Cisco RISE support? (Choose 2)

A. Directly connecte
B. No virtual port channel is supported.
C. Indirectly connecte
D. Only Layer 3 adjacent.
E. Indirectly connecte
F. Only Layer 2 adjacent
G. Indirectly connecte
H. Layer 2 and Layer 3 adjacent.
I. Directly connecte
J. Virtual port channel is supported.

Answer: CE

NEW QUESTION 152
Refer to the exhibit.
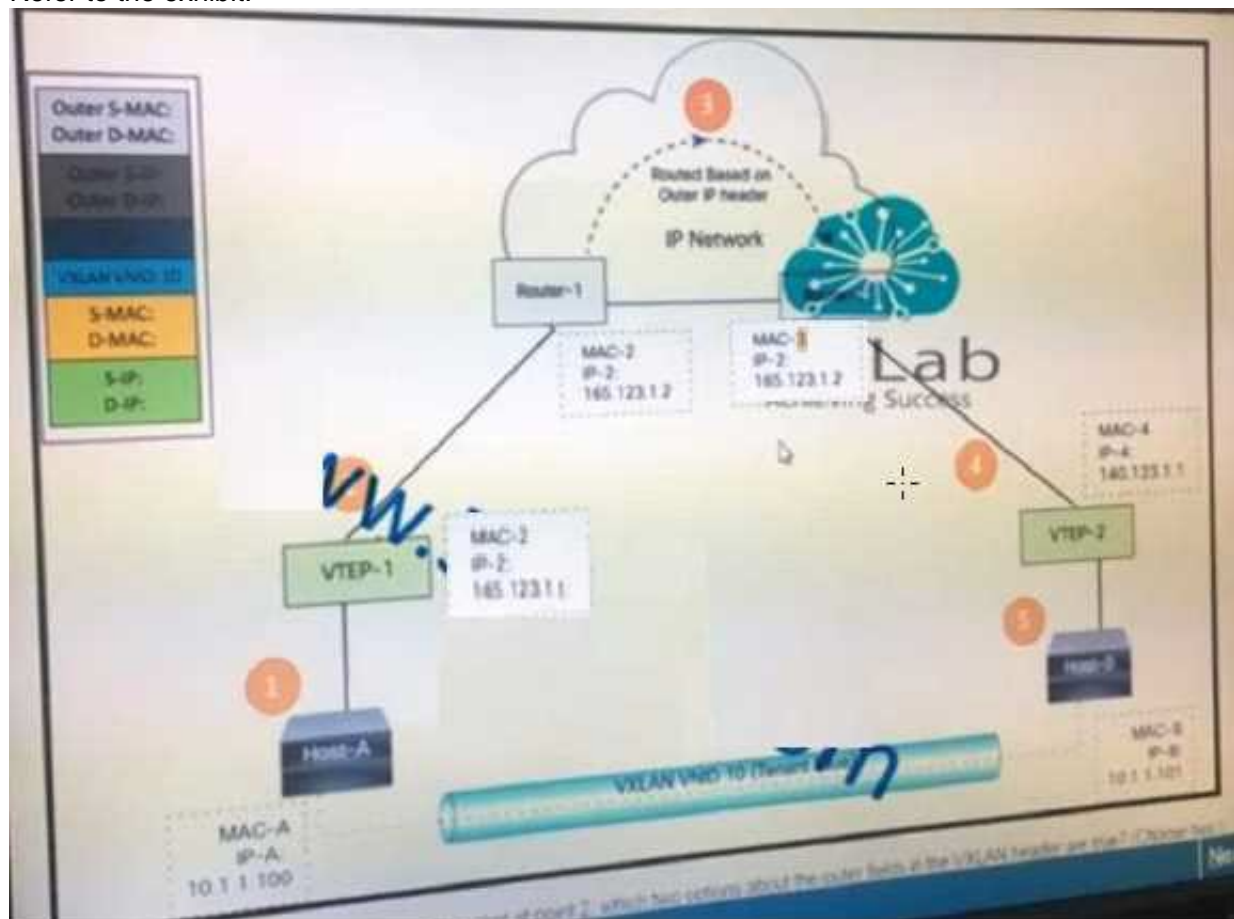
If you inspect a VXLAN packet at point 2, which two options about the outer fields in the VXLAN header are true? (Choose 2)

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-|P = IP-1; Outer D-IP = IP-4
E. Outer S-IP = IP-1; Outer D-IP = IP-2.

Answer: CD

NEW QUESTION 154
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 159
You are configuring an ACI fabric with Layer 3 out connecticity 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 162
Which three commands must be run to enable support of adapter-fexon an interface on a Cisco
Nexus Switch? (Choose three)

A. switchport mode vntag
B. feature-set adaper-fex
C. feature-set virtualization
D. feature fex
E. feature adapter-fex
F. switchport mode adapterfex

Answer: ACE

NEW QUESTION 164
Which two guidelines and limitations of netflow on Cisco NX-OS are true? (Choose two)

A. If you change a layer 2 interface to a layer 3 interface, the software converts the layer 2 netflow to layer 3 netflow automatically.
B. It is optional to configure a valid record name
C. The cisco nexus 2000 series fabric extender does not support bridged netflow.
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 interfac
F. If you do not configure a source interface, the exported remains in a disabled state.

Answer: DE

NEW QUESTION 168
On a cluster with three APICs, on which APIC can you see actual device package logs?

A. APIC 1
B. on the one that is a leader for device package service
C. depending on the device package, on the APIC that is a leader for that device package
D. depending on the tenant, on the APIC that is a leader for the shard for that particular tenant

Answer: A

NEW QUESTION 172
Refer to the exhibit.

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 fatric interconnect storage upink ports
D. Check the iscsi initiator group pool
E. Check the LUN masking configuration on the storage array

Answer: A

NEW QUESTION 177
Which three statements are true about redistribution of routes from L3Outs in an ACI Fabric?
(Choose 3)

A. Routes are not redistributed to leaf switches where the same VRF is present
B. ACI fabric runs MP-BGP
C. Security import subnets control the forwarding of packets into and out of L3Out connections(data plane)
D. Routes learned from L3Outs on border leaf switches are not redistributed into MP-BGP at the ingress lead.
E. Route control subnets control the exchange of routing information (Prefixes) into and out of the fabric (control place)
F. The routes are advertised to all external Layer 3 Outside connections

Answer: BCE

NEW QUESTION 180
Refer to the exhibit.
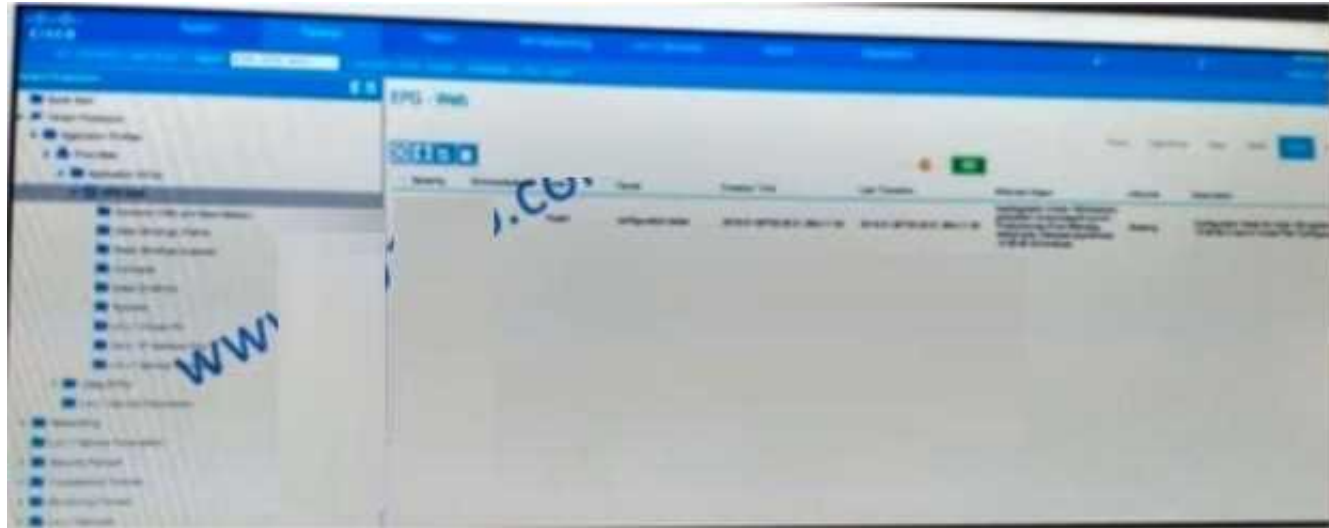
Your application has a reduced health score.Upon inspection, you find a fault that impacts the health
score. The fault currently is in the soaking lifecycle stare. Which two options are possible next steps while in this state? (Choose two)

A. Acknowledge the fault, which immediately clears it from the system
B. Once the soaking timer expires the fault ceases and no change is expected in sevenitylevel.
C. The condition ceases by itself and goes into the soaking-clearing state
D. The condition ceases by itself and automatically clears the fault
E. The soaking timer expires and moves to the Raised sevenitylevel

Answer: CE

NEW QUESTION 184
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 preform 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 189
Which two statements about import and export route control in an ACI fabric are true? (Choosetwo)

A. Prefixes learned from OSPF/EIGRP L3Outs are never permitted inbound by default
B. Prefixes learned from BGP L3outs cannot be filtered inbound
C. Prefixes permitted inbound are redistributed into MP-BGP at the ingress leaf
D. Export route control controls if the prefixes are redistributed from MP-BGP to the egress leaf
E. By default import route control is always enabled while export route control is always disabled

Answer: CD

NEW QUESTION 192
Which option is the best practice recommendation for Spanning Tree configuration in a vPC environment?

A. Disable PortFast (edge port type) on host-facing interfaces to avoid slow STP convergence
B. Disable Rapid PVST or MST on all switches in the Layer 2 domain to avoid slow STP convergence
C. Disable the Bridge Assurance feature on vPC links
D. Disable the BPDU Filter on the edge devices to avoid BPDU propagation

Answer: C

NEW QUESTION 197

Which three editing optional 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 200
After VTEP devices have established BGP neighbor adjacencies with other VTEPs or with Internal BGP route reflectors, which three pieces of inirmation 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 204
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 an IP addresses that is already in use
C. Aduplex mismatch is on the link on which L3Out is configured
D. This is the normal behavior of the ACI fabric

Answer: B

NEW QUESTION 207
Which three statements are considered best practice when configuring an NFS appliance port on
Cisco UCS? (Choose three)

A. If storage and servers are located in the same subnets, then the appliance port VLANs should be allowed on the upstream switch
B. Cisco UCS supports Static and Link Aggregation Control Protocol port channels for appliance port configuratio
C. However, no virtual port-channel support
D. If storage must be accessed outside of the Cisco UCS domain, then the appliance port VLANsshould be allowed on the upstream switch
E. Use of the same VLAN for multiple storage protocol traffic is highly recommended to conserve VLAN namespace use
F. If storage is configured in active/passive mode and both fabric interconnects require communication to the same controller, then the appliance port VLANs should be allowed on the upstream switch
G. Configuration of the VLAN tagging on the storage side and on the Cisco UCS side simultaneously is recommended

Answer: BCE

NEW QUESTION 208
Which three service request states are valid in cisco UCS Director service request execution state?
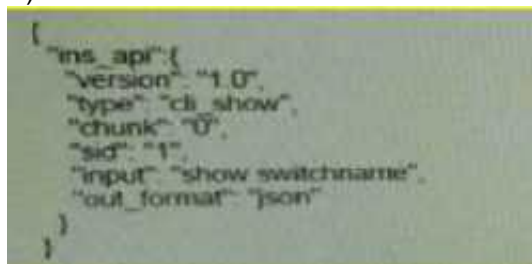(choose three)

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

Answer: CDE

NEW QUESTION 209
Which request obtains the switchname,in JSON format,from a cisco Nexus device via the NXAPI?
A)

B)

```
{
  "ins_api" {
    "version" "1.0",
    "type" "nx_api_show",
    "chunk" "0",
    "sid" "1",
    "input" "show switchname",
    "out_format" "json"
  }
}
```

C)

```
{
  "ins_api" {
    "version" "1.0",
    "type" "nxapi_show",
    "chunk" "0",
    "sid" "1",
    "input" "show switchname",
    "out_format" "json"
  }
}
```

D)

```
{
  "ins_api" {
    "version" "1.0",
    "type" "show",
    "chunk" "0",
    "sid" "1",
    "input" "show switchname",
    "out_format" "json"
  }
}
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: A

NEW QUESTION 210
For which two multicast distribution modes is RP Configuration required? (Choose two)

A. BIDIR
B. RPF routes for multicast
C. SSM
D. ASM
E. UDIR

Answer: AD

NEW QUESTION 214
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 219
Which three port types support port security in Nexus 7000? (Choose three)

A. vPC ports
B. SPAN destination ports
C. Layer 2 and Layer 3 ports
D. access ports
E. SPAN source ports
F. trunk ports

Answer: DEF

NEW QUESTION 221
Which three statements about nxapi_auth are true? (Choose 3)

A. NX-API performs authentication through a programmable authentication module on the switc
B. Using cookies reduces the Number of PAM authentication, which reduces the load on the PAM.
C. The use of nxapi_auth is optima
D. This feature can be disabled to reduced authentication time and to support large number of API calls
E. After the first successful authentication, the username and password are NOT include in subsequent NX-API request that are sent to the device,
F. The expiration time of the nxapi-authcookes can be changed up to the max of 1200 seconds
G. The nxapi-auth cookies expires 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 226
DRAG DROP
Drag and drop the term about BFD session parameters from the left onto the correct definition on the right?

desired minimum transmit interval	the number of missing BFD hello messages from another BFD device before this local device detects a fault in the forwarding path
required minimum receive interval	the interval at which this device wants to send BFD hello messages
detect multiplier	the minimum interval at which this device can accept BFD hello messages from another BFD device

Answer:

Explanation:

NEW QUESTION 227
DRAG DROP
Drag and drop the spanning-tree port from the left onto the correct description on the right.

Root port	It acts as a backup for the path provided by a designated port toward the leaves of the spanning tree.
Designated port	It has no role within the operation of the spanning tee
Alternate port	It provides the best path (lowest cost) when the device forwards packets to the root bridge.
Backup port	It offers a backup path toward the root bridge to the path provided by the current root port.
Disabled port	It connects to the device that has the lowest path cost when forwarding packets from that LAN to the root bridge.

Answer:

Explanation:

Root port	**Backup port**
Designated port	**Disabled port**
Alternate port	**Root port**
Backup port	**Alternate port**
Disabled port	**Designated port**

NEW QUESTION 230
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 233
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 235
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:a5:       
    Admin port mode is F, trunk mode       
    snmp         te traps are enabled
    Port             s
    1 min    input rate 0 bits/sec, 0 bytes/sec       mes/sec
    1 minute output rate 0 bits/sec, 0 bytes/sec,       es/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
```
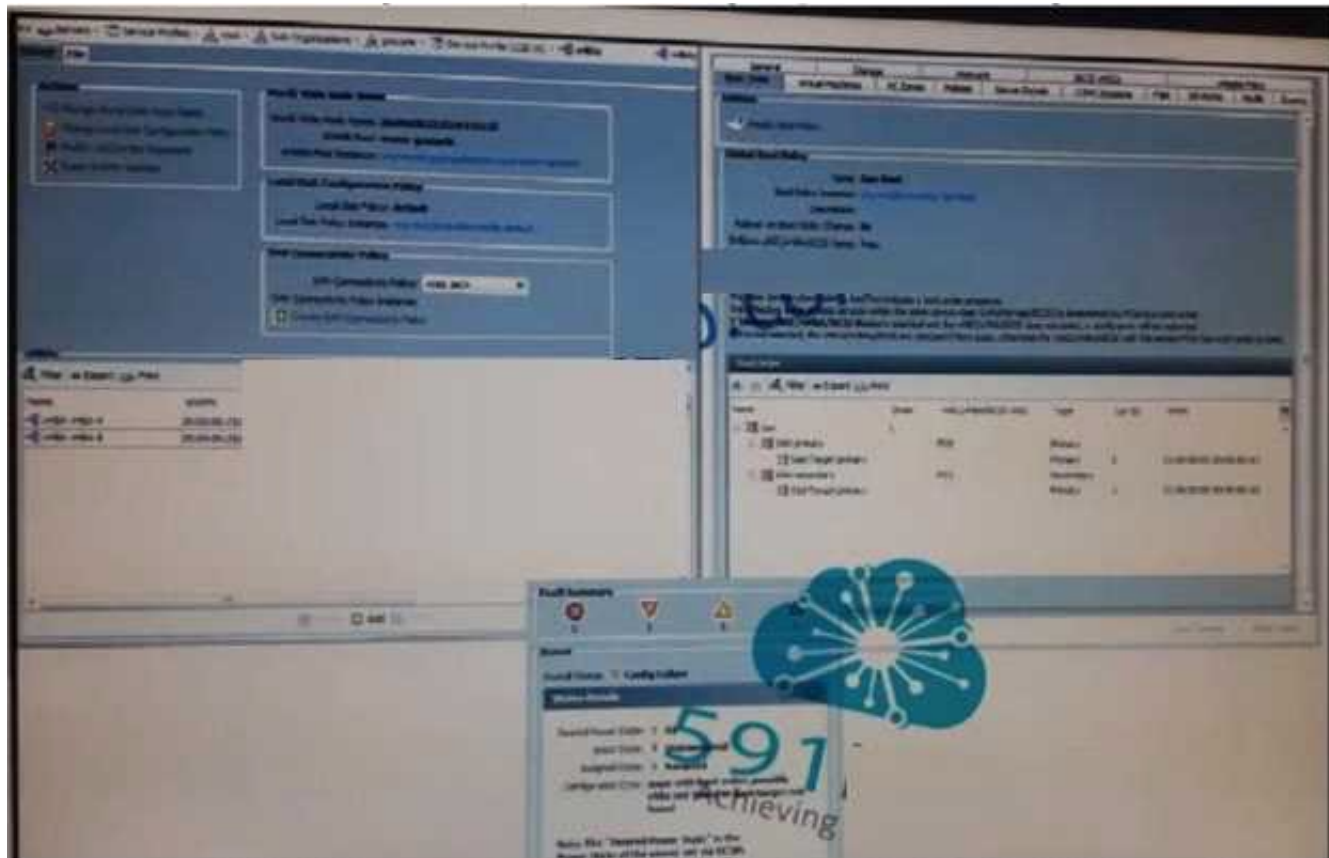
Which statement is true?

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

Answer: C

NEW QUESTION 236
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 entorcevHBA 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 238
Refer to the exhibit.
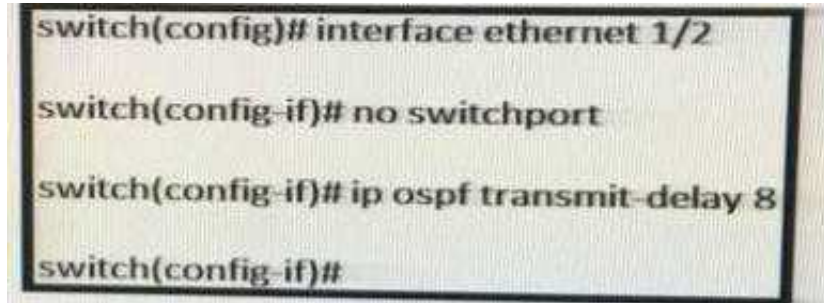
Which purpose of the ipospf transmit-delay command is true?

A. This variable adds a specified time to the age field of an OSPF updat
B. This parameter has more significance on very low-speed links.
C. This variable is used to negotiate transmit –delay with the OSPF neighbors.
D. This variable is used by the OSPF to send hello packets periodically after the time specified in the transmit-delay command.
E. This variable sends the OSPF database to the neighbors periodically after the time specified in the transmit-delay command.

Answer: A

NEW QUESTION 243
Which three main functions are provided by OTV to achieve failure isolation? (Choose three.)

A. unknown Unicast traffic suppression
B. use of multiple OTV overlays
C. optimal outbound routing
D. Spanning Tree isolation
E. ARP optimization
F. Unicast policy control

Answer: ADE

NEW QUESTION 245
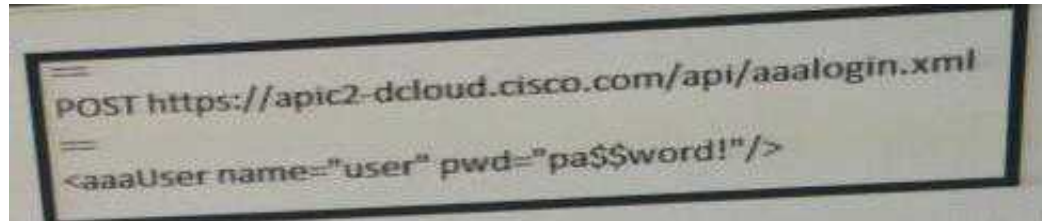Which two types of traffic are consolidated using Cisco unified Fabric? (Choose two)

A. voice traffic
B. InfiniBand traffic
C. video traffic

D. SAN storage traffic
E. network traffic

Answer: DE

NEW QUESTION 247
Refer to the exhibit.

POST https://apic2-dcloud.cisco.com/api/aaalogin.xml

<aaaUser name="user" pwd="pa$$word!"/>

Assume that apic2-cloud.cisco.com is valid APIC in the cluster. Which statement is true?

A. REST call is valid,but we cannot log in to APIC2,we should log in to APIC1 instead
B. REST call is invalid,and we should call/api/aaaLogin.json
C. REST call to /api/aaaLogin.xml on APIC2 is valid,and we should receive a session token in theresponse
D. REST call is valid,but we should use the GET method instead of POST

Answer: C

NEW QUESTION 252
Which OSPF feature groups LSAs with similar link-state refresh times to allow OSPFv2 to pack
multiple LSAs into an OSPFv2 update message?

A. LSA compression
B. SPF optimization
C. LSA throttling
D. LSA group pacing

Answer: D

NEW QUESTION 255
How do you manually configure a vNIC MAC address?
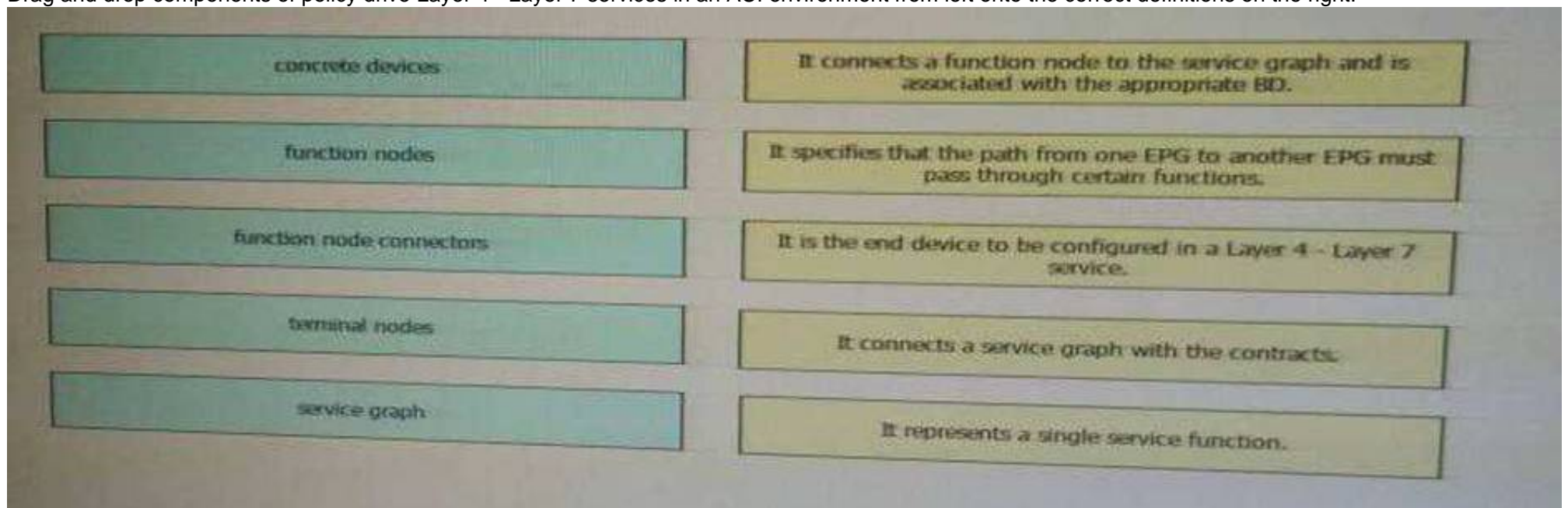
A. Modify the adapter policy
B. Use the set identity dynamic-mac command
C. Modify the dynamic vNIC connection policy
D. Use the mac-address-table static command
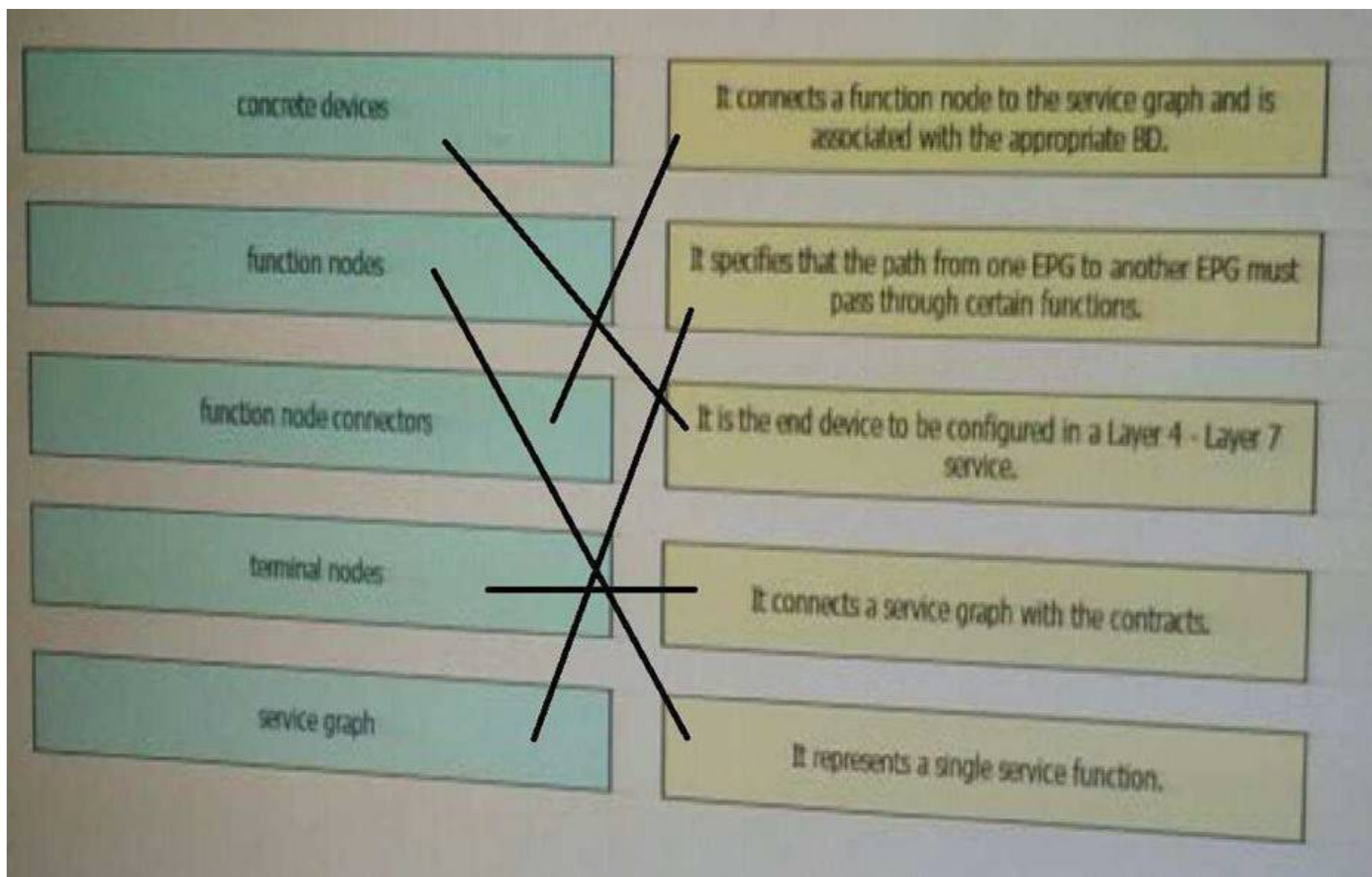
Answer: B

NEW QUESTION 256
DRAG DROP
Drag and drop components of policy drive Layer 4 - Layer 7 services in an ACI environment from left onto the correct definitions on the right.

Answer:

Explanation:

NEW QUESTION 260
Which three options are SDN Southbound protocols? (Choose three)

A. API
B. OVSDB
C. OpenFlow
D. Puppet
E. PCEP
F. VXLAN

Answer: BCE

NEW QUESTION 264
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 267
Which two statements about enhanced zoning are true? (Choose two?

A. It does not enforce the default zone setting throughout the fabric
B. When you begin a session, the switch locks the entire fabric to implement the change
C. It retrieves the actication results and the nature of the problem from the local switch only
D. References to the zone are used by the zone sets as required after you define the zone
E. It performs all configurations with multiple configuration sessions

Answer: BD

NEW QUESTION 272
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 ucsd-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 acailable services using/app/api/restformattype=json&opName=userAPIGetAllServices&opData=0

Answer: C

NEW QUESTION 273

Assume that ucsd-dcloud cisco.com is the correct address of the cisco UCS Director server.Which two options are prerequistes 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 usemame/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 Adcanced tab of the User Information dalogbox

Answer: CE

NEW QUESTION 276

Refer to the exhibit.
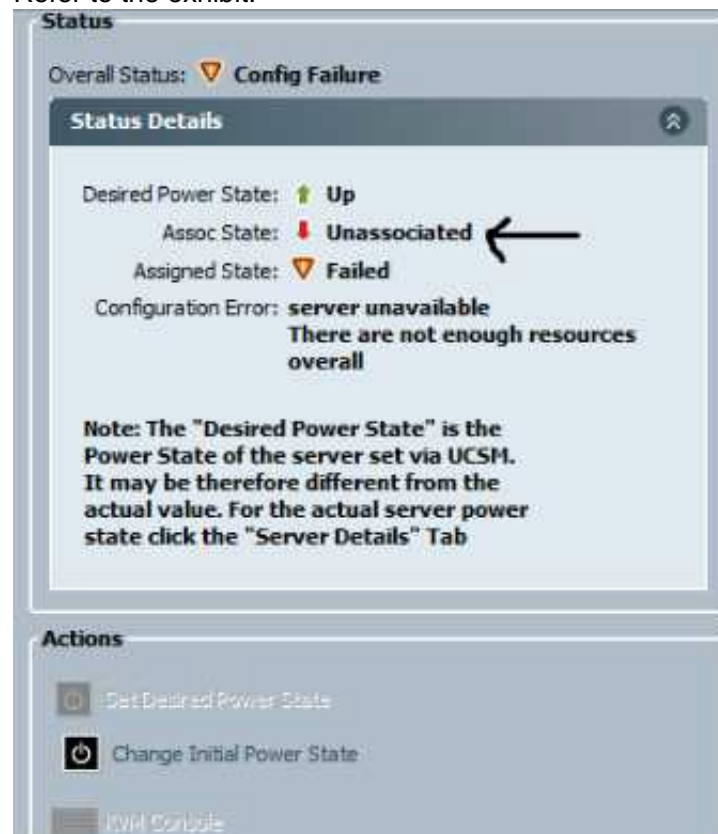

When you attempt to apply a new service profile in cisco USC Manager, you are presented with these error messages. Which cause is the most probable?

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 277

Refer to the exhibit.
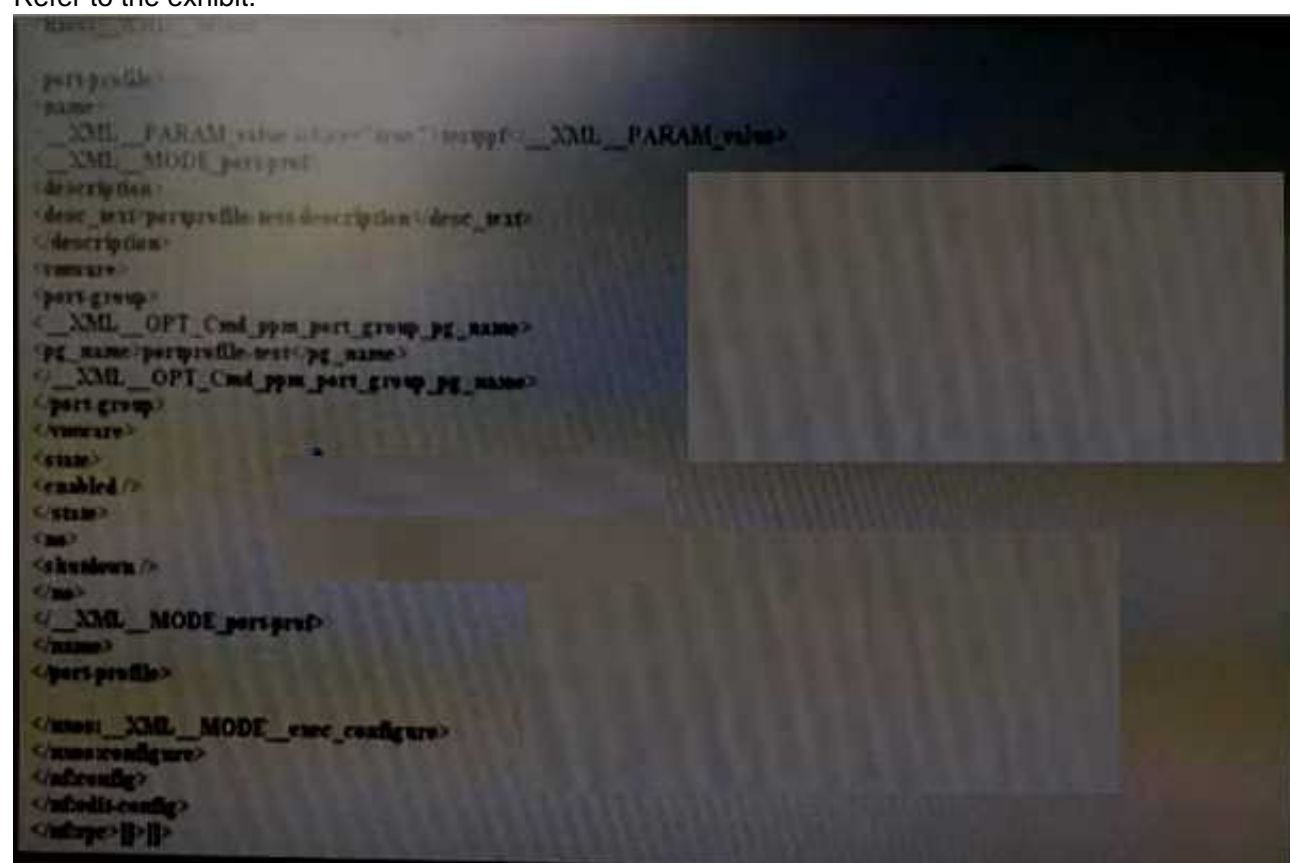
Which option describes the main purpose of the XML messages?

A. Shut down an existing port group profile
B. Delete an existing port group profile
C. Modify an existing port group profile

D. Create a new port group profile

Answer: D

NEW QUESTION 280
Which access policy determines whether or not interfaces will be members of the same virtual port channel in ACI environment?

A. interface selector
B. port channel
C. port channel member
D. policy group

Answer: A

NEW QUESTION 283
Which two options are network considerations for common VXLAN deployments? (Choose two)

A. MTU size in the transport network
B. consistent VLAN-to-VN-Segment mapping
C. consistent VNI-to-group mapping
D. multicast group scaling
E. placement of VXLAN tunnel endpoints

Answer: AD

NEW QUESTION 286
Which statement about hard pinning is true?

A. When the VLAN validation fails, a VIF down fault is raised
B. When the VLAN validation fails, a VLAN Mismatch fault with a severity of Warning appears
C. If no uplink Ethernet port or port channel is configured with all VLANs on the vNIC, Cisco UCS Manager drops the traffic for all the vNIC
D. If no uplink Ethernet port or port channel is configured with all VLANs on thevNIC, Cisco UCS Manager brings the link down

Answer: B

NEW QUESTION 289
Which option lists valid configuration commands to help identify packet flows for ingress and egress
IP packets and provide statistics based on packet flows when configuring a Cisco Nexus Device via the CLI?

A. NetFlow Record, NetFlow Exporter, NetFlow
B. Flow Record, Flow Exporter, Flow Monitor
C. IPFix Record, IPFix Exporter, IPFix Monitor
D. sFlow Record, sFlow Exporter, sFlow

Answer: B

NEW QUESTION 290
DRAG DROP
Drag and drop the enlisted four offers from the left onto the correct Cisco ONE Enterprise Cloud Suite on the right.

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 lavers
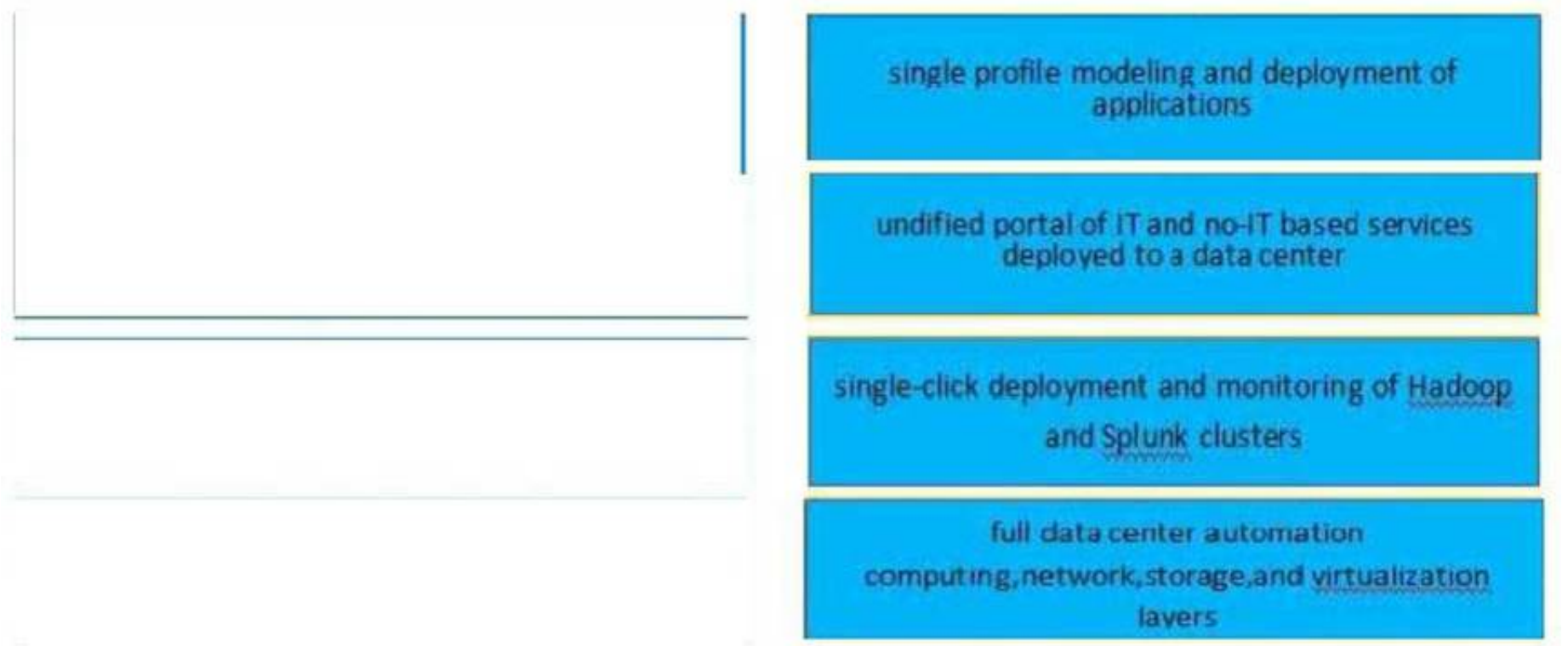
NEW QUESTION 295
Which two statement about DNS support on Cisco NX-OS are true? (Choose two)

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 clien
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
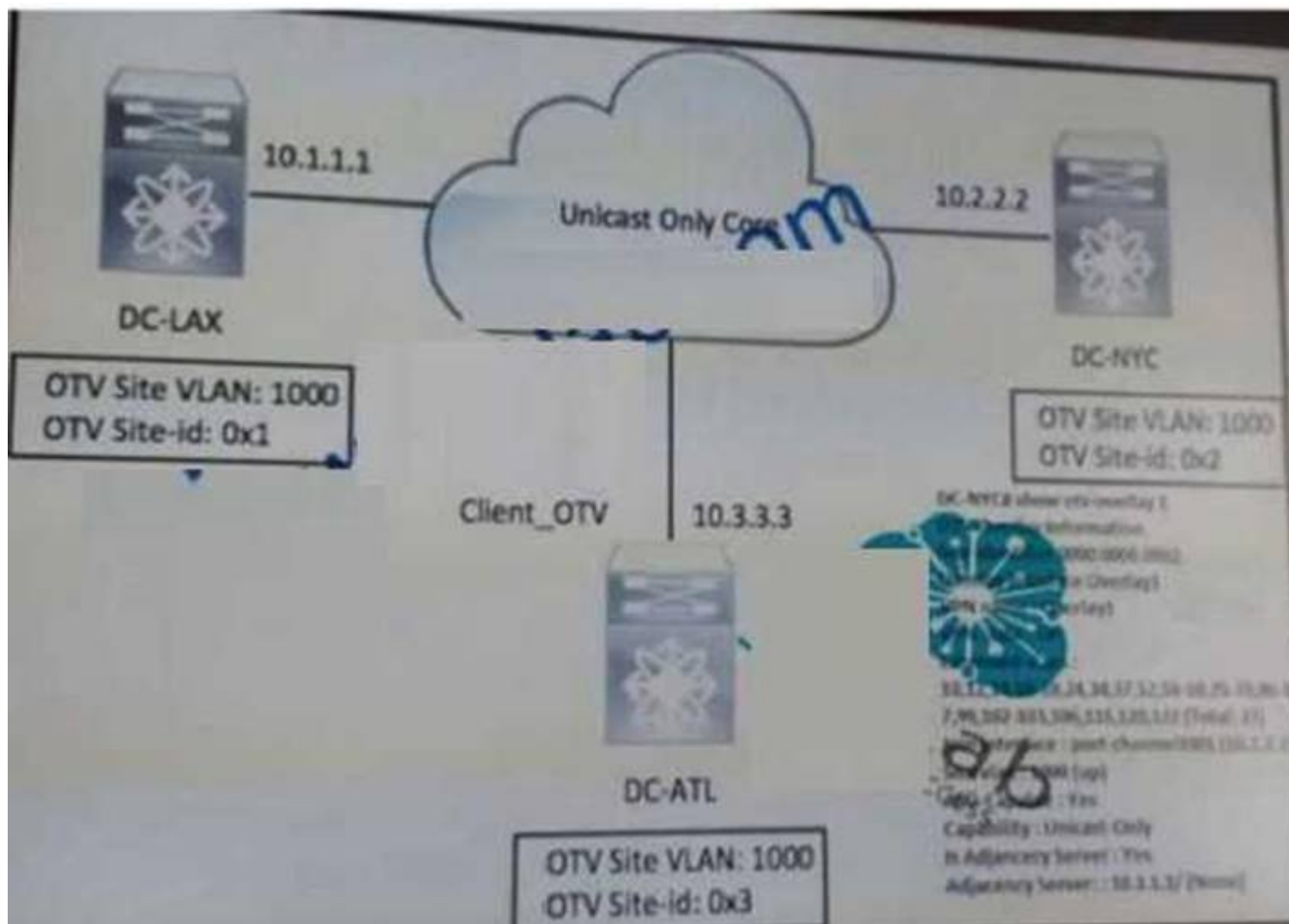
Answer: BC

NEW QUESTION 296
Which two parameters must be identical per interface while configuring virtual port channels?
(Choose two)

A. network access control
B. Bridge Assurance setting
C. maximum transmission unit
D. Protocol Independent Multicast
E. IP Source Guard

Answer: BC

NEW QUESTION 299
Refer to the exhibit.

Which option is the correct configuration for DC-NYC?

A. feature otvotv site-identifier 0000 0000 0002otv site-vlan 1000interface Overlay 1otv join-interface port-channel 1001otv use-adjacency-server 10.1.1.1 unicast-onlyotv 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 otvotv site-identifier 0x2 otv site-vlan 1000interface Overlay 1otv join-interface port-channel 1001otv adjacency-server unicast-onlyotv use-adjacency-server 10.1.1.1 unicast-onlyotv 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 otvotv site-identifier 0x2 otv site-vlan 1000interface Overlay 1otv join-interface port-channel 1001 otv adjacency-server unicast-onlyotv use-adjacency-server 10.2.2.2 unicast-onlyotv 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 otvotv site-identifier 0x2 otv site-vlan 1000interface Overlay 1otv join-interface port-channel 1001otv use-adjacency-server 10.1.1.1 unicast-onlyotv 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 304
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 305
DRAG DROP
Drag and Drop the key components of LISP from left onto the correct definitions on the right
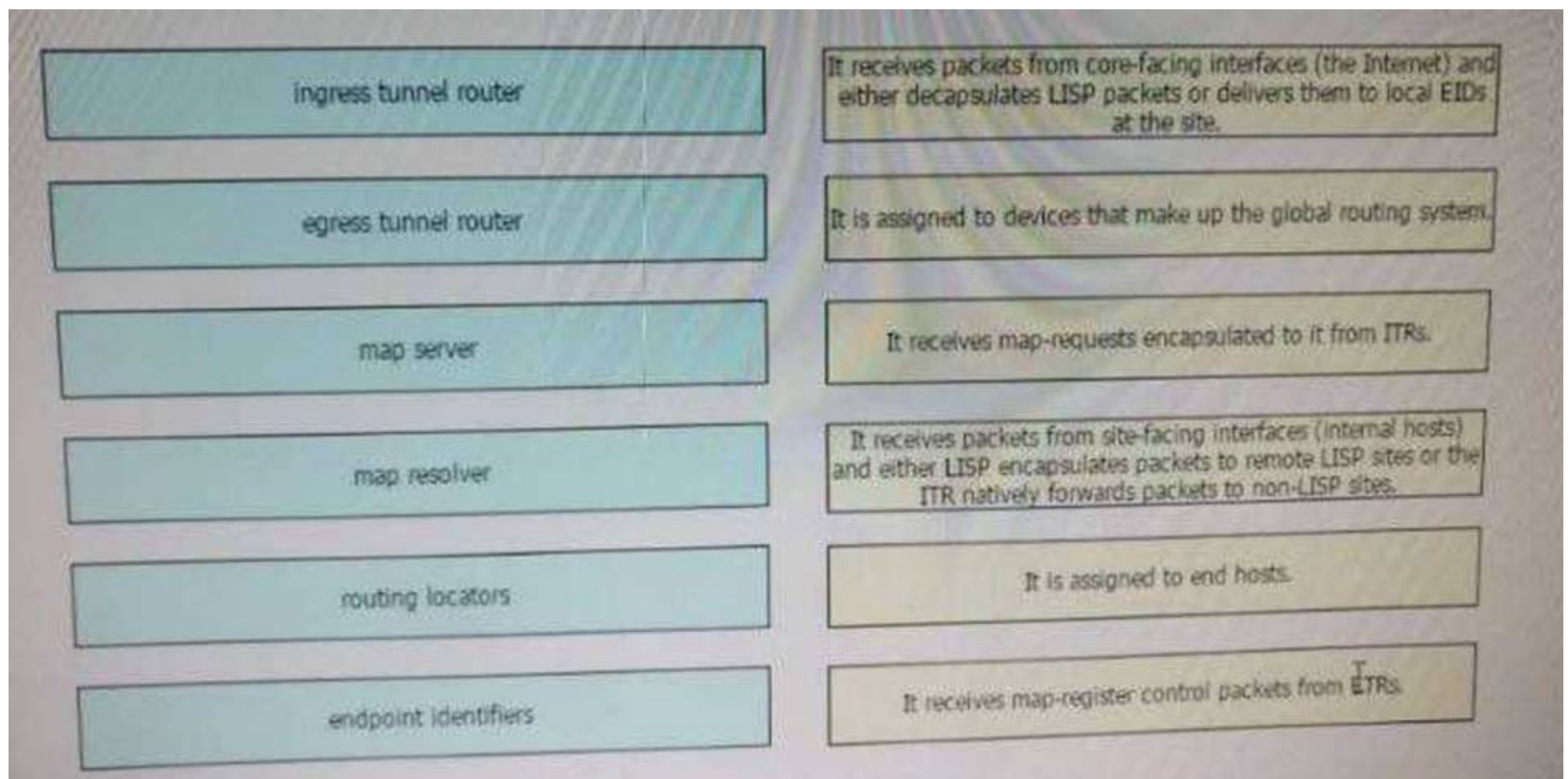
Answer:

Explanation: Ingress tunnel router – it receives packets from site-facing interfaces (internal hosts) and either
LI SP encapsulates packets to remote LISP sites or the ITR natively forwards packets to non LISPsites. 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 ETRs.
Map resolver – it receives map-requests encapsulated to it from ITRs.
Routing locators – It is assigned to devices that makeup 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 307
Which two characteristics of an IoT network are true? (Choose two.)

A. IoT networks are 100% reliable.
B. IoT networks must be designed for low-powered devices.
C. The transmission rate in anIoT network is consistent.
D. IoT networks are bandwidth constrained.
E. IoT networks use IS-IS for routing.

Answer: BD

NEW QUESTION 308
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 309
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 314
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 318
What data modeling language is commonly used by NETCONF?

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

Answer: A

NEW QUESTION 319
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 323
Which two statements about this configuration command sequence with regards to the cisco nexus
5500 are true? (Choose 2) Switch# configure terminal Switch (config) # fcoefcamp 0e.fc.2a

A. It permits this node to form FCoE ISLs only with other nodes configured for the same FCMAP.
B. It configures this node to use 0EFC2A as the first 3 bytes of the FPMA.
C. It configures this node to use 0EFC2A as the last 3 bytes of the FPMA.
D. It reserves this FCID so only this node can use this FCID when communicating with other Fiber Channel entities.
E. It configures this node to use FCID 0EFC2A to forward the FDISC to when an endpoint is connected.

Answer: BE

NEW QUESTION 326
Which three statements about IP source guard are true? (Choose 3)

A. IP source Guard is dependent upon DHCP snooping to build and maintain the IP-MACAddress binding table or upon manual maintenance of static IP-source entries.
B. IP source guard requires that CHCP snooping is disabled.
C. By default, IP source guard is enabled on all interfaces.
D. 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.
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 an new IP address from a DHCP server.

Answer: ADE

NEW QUESTION 327
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 332
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 333
Which language is used to write Cloupia Script?

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

Answer: C

NEW QUESTION 336
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 340
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.
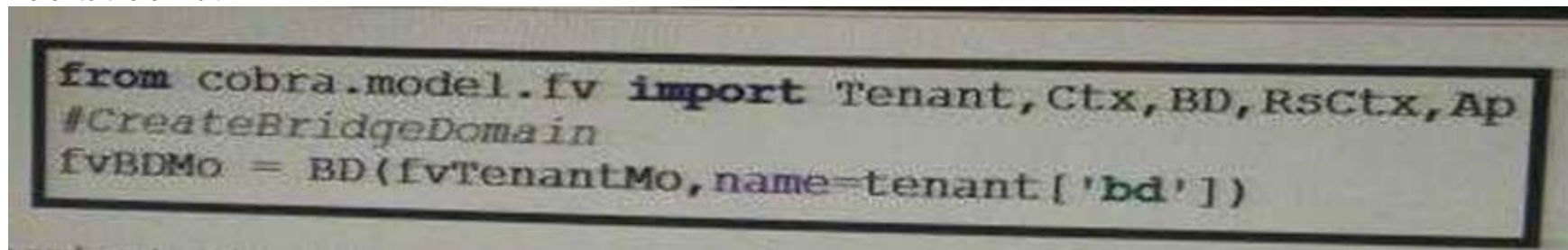
Answer: BD

NEW QUESTION 345
An administrator is replacing an IOM. The failed IOM is in chassis 1 and was connected to FI-B. the replacement IOM has an older version of software to the fabric interconnect. Which description is the correct process to bring the replacement IOM into the environment?

A. Install the replacement IOM and connect a single cabl
B. Monitor the software auto-upgrade using the show fexdetall command from Cisco NX OS CL
C. Connect the remaining cables when the upgrade is complete.
D. Install replacement IOM and connect all cable
E. Monitor the software auto-upgrade using the show fex detall command from Cisco NX OS CLI.
F. Downgrade the fabric interconnect to match the IOM versio
G. Connect all cables and bring the IOM onlin
H. Upgrade the fabric interconnect and IOM to match the system.
I. Install the replacement IOM and connect a single cabl
J. Perform a firmware update of IOM, then activate with the matching code for fabric interconnect Reackonwledge the chassis.
K. Decommission the chassi
L. Install the replacement IOM and connect all cable
M. Perform a firmware update of IOM the activate with the matching code for the fabric interconnect Reackonwledge the chassis.

Answer: B

NEW QUESTION 348
Refer to the exhibit.


```
from cobra.model.fv import Tenant,Ctx,BD,RsCtx,Ap
#CreateBridgeDomain
fvBDMo = BD(fvTenantMo,name=tenant['bd'])
```

This cobra code extract is expected to create a BD object. Assume that fvTenantMo has been populated with the correct tenant object and all module prerequisites have been met. Which statement is true?

A. The BD name is bd.
B. The BD name is name.
C. The code does not work because you also must import module fvTenantMo.
D. The BD name is kept in the dictionary tenant.

Answer: D

NEW QUESTION 350
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 354
Which method is the best way to troubleshoot a specific workflow execution in UCSD?

A. Check the specific SR log.
B. Generate techsupport and submit it to the TAC workflow analysis tool.
C. Enable debug log first, the check the infrastructure logs.
D. Open the infrastructure log.

Answer: A

NEW QUESTION 359
"GET/api/v1/Processes" is a valid CPO REST call to retrieve all processes.Which two encapsulations are supported? (Choose two)

A. HTML
B. YAML
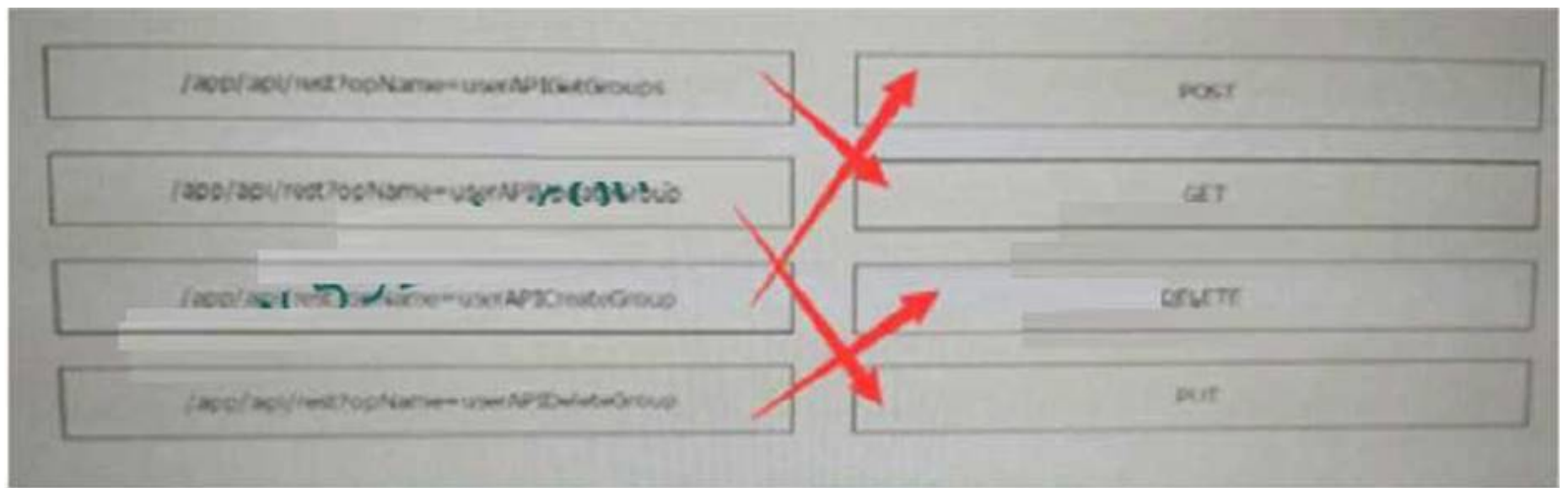C. JSON
D. cURL
E. XML

Answer: CE

NEW QUESTION 363
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 364
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 366
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 interfac
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 interfac
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

NEW QUESTION 367
Refer to the exhibit.
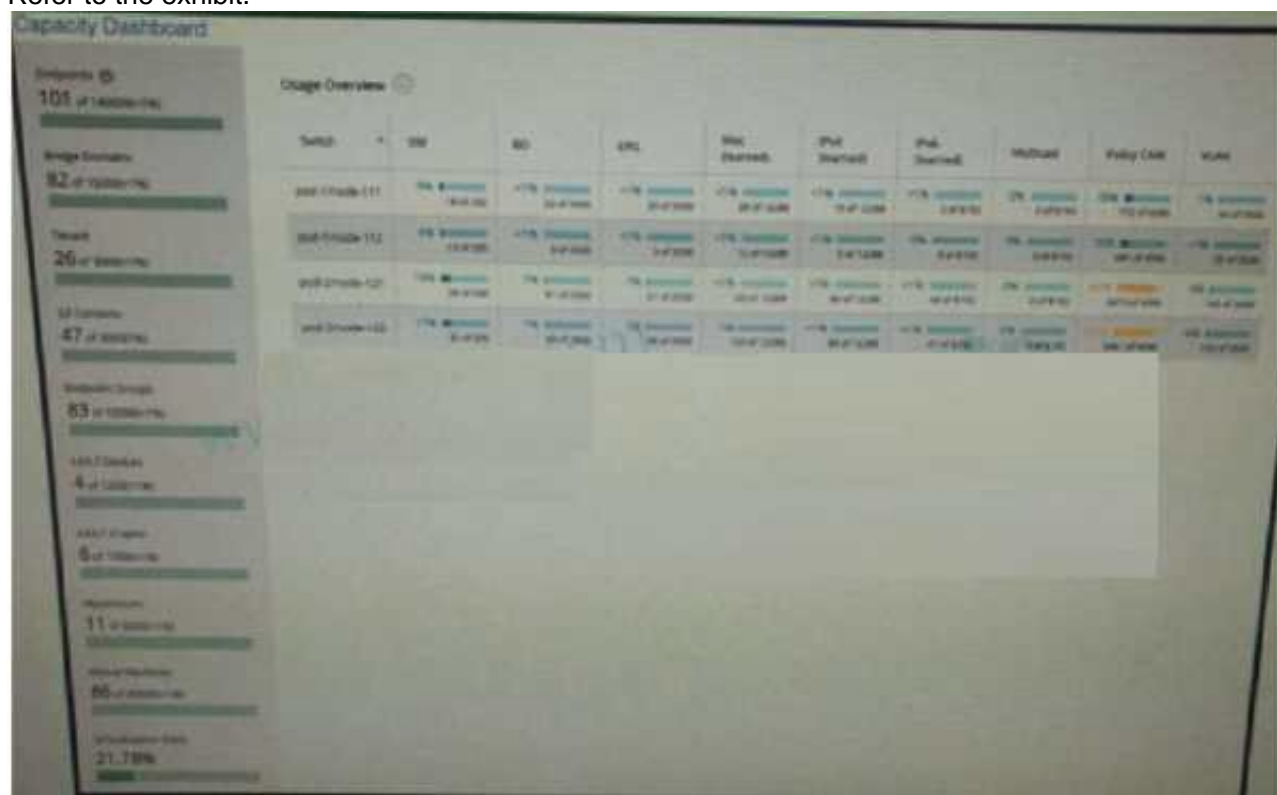
Which statement about the displayed ACI Fabric is true?

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 370

Which two service appliances are supported with the Cisco Nexus 7000 RISE technology? (Choose two)

A. Cisco Identity Services Engine
B. External Cisco Prime NAM
C. Cisco Adaptive Security Appliance
D. Citrix NetScaler ADC
E. Cisco Wide Area Application Service appliance

Answer: BD

Explanation: https://www.cisco.com/c/en/us/solutions/data-center-virtualization/remote-integratedservices-engine/index.html#~tab-rise

NEW QUESTION 374

Which two statements about attachable access entity profiles in the ACI Fabric are true? (Choose two)

A. Enabling the infrastructure VLAN on an AEP is a mandatory requirement when the AEP is associated to any VMM domain
B. AEP provides the association of a virtual machine management domain and the physical network infrastructure
C. AEPs are an optional component to ACI access port configuration that ease the burdenof configuring multiple individual policies
D. The attached entity profiles a template to deploy hypervisor policies on a large set of leaf ports
E. AEPs are directly bound to spine and leaf Switch profiles and are then associated indirectly to interface selectors

Answer: AB

Explanation: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/basic-config/b_ACI_Config_Guide/b_ACI_Config_Guide_chapter_0101.html#concept_C3EF1E36E8F6406A 96A71E605AC175BD

NEW QUESTION 378
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-effecting fault condition that requires corrective action to prevent a more serious fault from occuring
Major -- a service-effecting condition that requires urgent corrective action
Critical -- a service-effecting condition that requires immediate corrective action
Warning --a potential or impending service-effecting fault that currently has no significance effects in the system

NEW QUESTION 382
Which option lists key Cisco TrustSec architecture components?

A. permit,deny,log
B. classify,mark,deny
C. authentication,authorization,access control
D. identity,enforcement,authentication

Answer: C

NEW QUESTION 383
Which three components are involved in the Cisco vPath solution? (Choose three)

A. leaf
B. VSM
C. Service grap
D. VEM
E. APIC
F. virtual service node

Answer: BDF

NEW QUESTION 387
Which two statements about the dynamic load balancer mode in ACI are true? (Choose two)?

A. The default DLB mode is "conservative"
B. The aggressive DLB mode has a longer flowlet timeout interval
C. The aggressive mode flowlettimeaut is a relatively higher value
D. DLB adjusts the traffic allocations according to congestion levels
E. The aggressive DLB mode has a shorter flowlet timeout interval

Answer: DE

NEW QUESTION 392
Which way to configure a redundant rendezvous point for BIDIR multicast are valid?

A. phantom RP
B. anycast RP
C. auto RP
D. MSDP

Answer: A

NEW QUESTION 397
vPC+ is configured between two Cisco Nexus 5600 Servers Switches. Which type of VLANS can be added to a trunk on a vPC port Channel?

A. Native VLANs only
B. Classical Ethernet VLANs only
C. FabricPath VLANs only
D. Only FabricPath encapsulated frames can be sent out of the interface

Answer: C

NEW QUESTION 401
How do multicast routes in the same segment choose the DR?

A. Cisco Nexus stitches 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 lowestpriority is selected as the DR

Answer: C

NEW QUESTION 406
Refer to the exhibit.
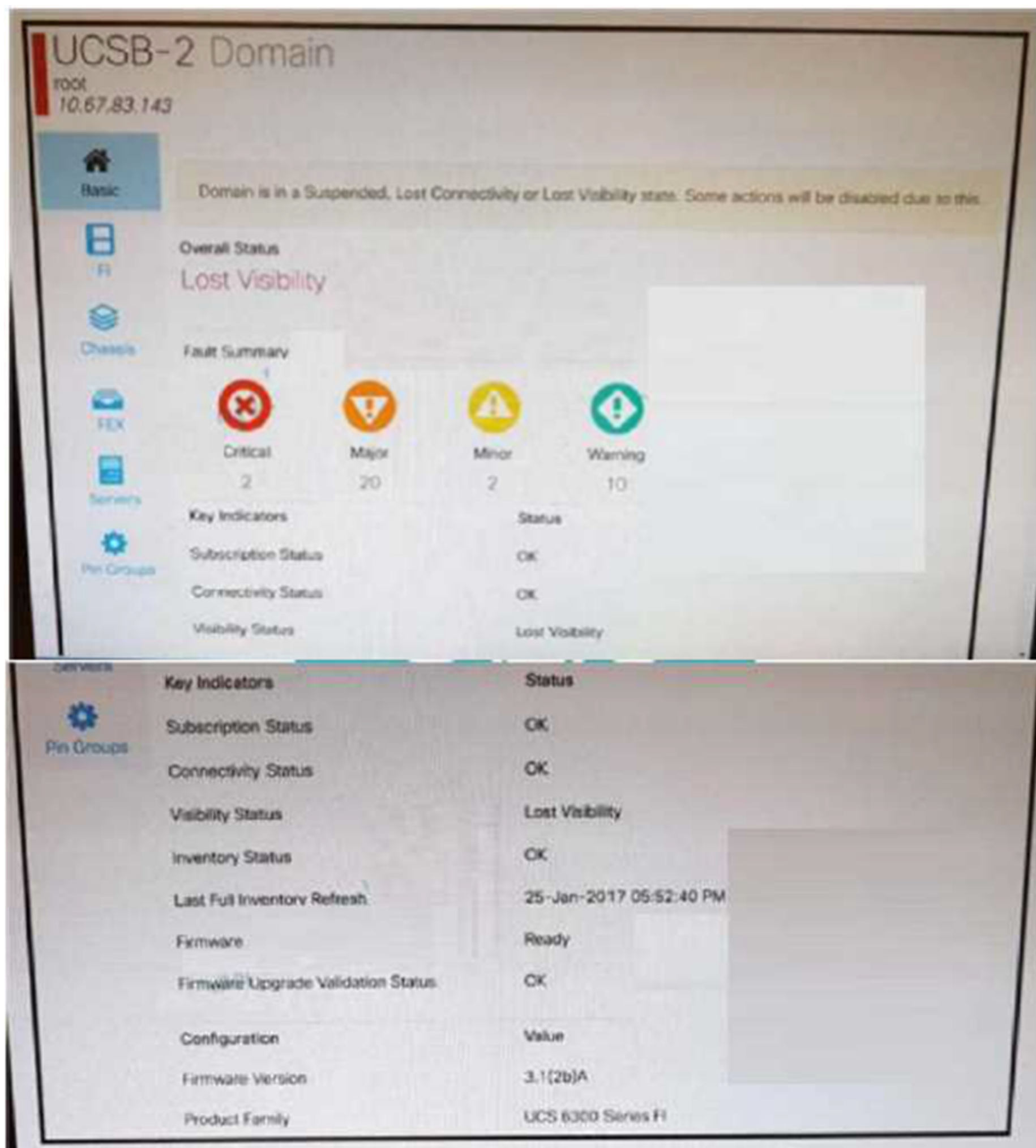
Which potential cause of this issue is true?

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 409
Which two statements about geolocation policies in the ACI Fabric are true?

A. Geolocation is the identification of the real-world geographic location of a networking device
B. Geolocation policies are dynamically configured in ACI using the site address field in the spine and leaf Type-network
C. Creating a geolocation policy involves creating a site,floor,room,and row
D. Geolocation policies are configured under Fabric > Access Policies
E. Geolocation is performed by associating a geographic location with an IP address

Answer: AE

NEW QUESTION 412
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 413
Which two cluster interface types are valid when integrating a Layer 4 –Layer 7device in an ACI
Fabric? (Choose two)

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

Answer: CD

NEW QUESTION 416
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 configure after new devices come online that are connected to the front panel ports of the leaf
D. Leaf profilesare 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 417
Which two Layer 4 – Layer 7 parameters are needed to do route peering with a Layer 4 – Layer 7
service device in Cisco ACI? (Choose two)

A. Under the device interface, the L3 out must be selected
B. A valid router configuration must be set under the service graph template
C. Under the device interface, the path must be selected
D. A router ID must be assigned under the Layer 4-Layer 7 device
E. The connector type must be set to "Layer 2 Peering"

Answer: CD

NEW QUESTION 419
Which feature in ACI permits the user to specify that HTTP and HTTPS traffic between an L3out EPG
and an internal EPG is sent to a firewall, and SSH and Telnet traffic between the L3Out and the internal EPG bypasses the firewall?

A. policy-based redirect
B. Layer 4 – Layer 7 function profile
C. vzAny contract
D. contracts and filters

Answer: A

NEW QUESTION 421
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 stitches 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 422
Which three connection modes are valid when using Cisco RISE? (Choose three)

A. LB connect mode
B. Round-robin connect mode
C. vPC connect mode
D. direct connect mode
E. indirect connect mode
F. PC connect mode

Answer: CDE

Explanation: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/nx-os/riseNetscaler/install_and_cfg/guide/b-rise-netscaler/Configuring-Rise.html

NEW QUESTION 426
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

NEW QUESTION 428
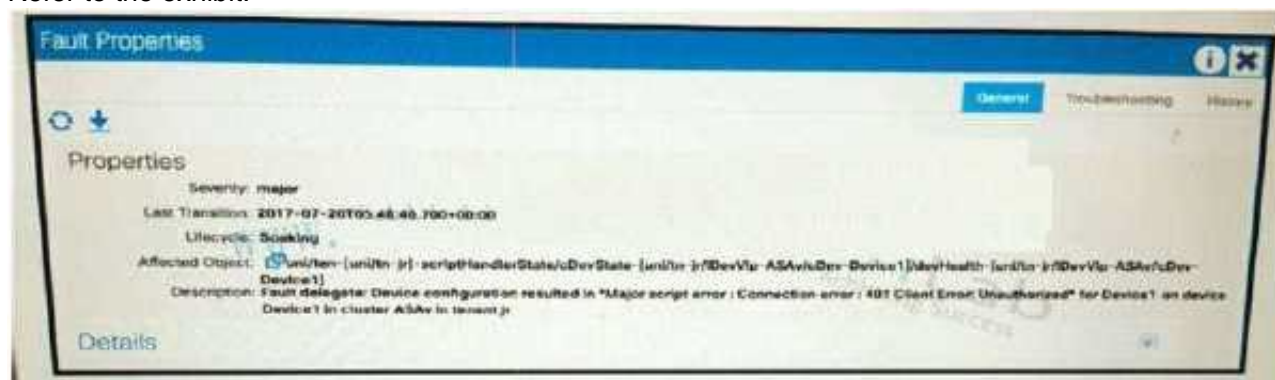Which application is used to manage a Cisco vPath deployment?

A. UCS Director
B. Virtual Supervisor Module
C. Application Policy Infrastucture Controller
D. Prime Network Services Controller

Answer: D

Explanation: https://blogs.cisco.com/datacenter/application-centric-infrastructure-aci-application-networkprofiles-for-security-and-network-services

NEW QUESTION 429
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 431
When you deploy a Layer 4 – Layer 7 service graph in ACI using policy-based redirect, when does the PDR functionality get enabled?

A. when you enable PBR under the consumer EPG Layer 4 –Layer 7 parameters
B. when you enable PBR under the provider EPG Layer 4 –Layer 7 parameters
C. when you create the service graph template
D. when you add the Layer 4 – Layer 7 device to the APIC
E. when you deploy the service graph template

Answer: A

NEW QUESTION 432
Which two statements about the ACI BGP route reflector policy are true? (Choose two)

A. The BGP route reflector policy is configured under Fabric > Access Policies
B. Configuring route reflectors requires designating spines as route reflectors and providing the AS number
C. The ACI Fabric route reflectors use multiprotocol BGP to distribute external routes within the fabric
D. Route reflectors need not configure connectivity to external networks, but slight performance degradation can occur between border leaf and compute node leafs
E. The BGP route reflector domain policy autonomous system number is configured during initial the APIC setup script, but it can be modified afterward

Answer: BC

Explanation: https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c07-732033.html
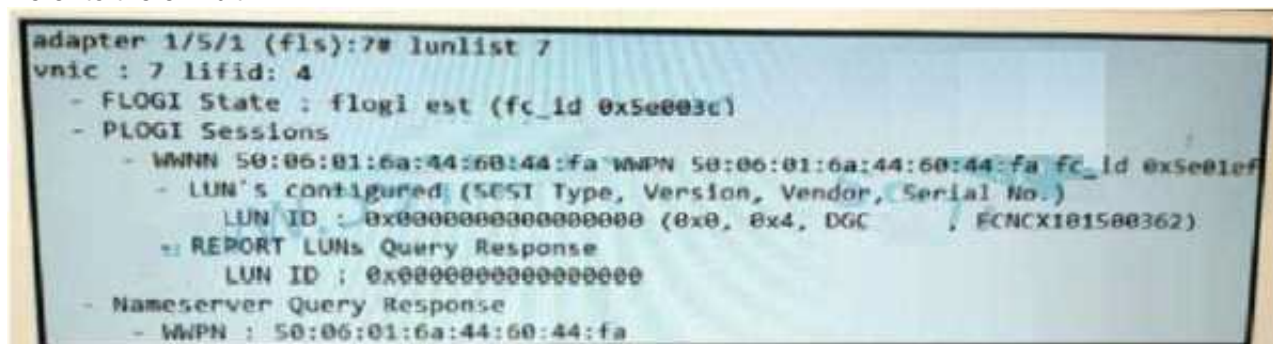
NEW QUESTION 433
Which feature is required for Dynamic ARP Inspection?

A. DIA
B. First-hop-security
C. DHCP
D. ARP

Answer: C

NEW QUESTION 437
Refer to the exhibit.


```
adapter 1/5/1 (fls):7# lunlist 7
vnic : 7 lifid: 4
   - FLOGI State : flogi est (fc_id 0x5e003c)
   - PLOGI Sessions
      - WWNN 50:06:01:6a:44:60:44:fa WWPN 50:06:01:6a:44:60:44:fa fc_id 0x5e01ef
         - LUN's configured (SCSI Type, Version, Vendor, Serial No.)
            LUN ID : 0x0000000000000000 (0x0, 0x4, DGC    , FCNCX101500362)
         = REPORT LUNs Query Response
            LUN ID : 0x0000000000000000
   - Nameserver Query Response
      - WWPN : 50:06:01:6a:44:60:44:fa
```

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 438
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

NEW QUESTION 440
In which default state are all Cisco UCS Fabric Interconnect Ethernet ports configured?

A. uplink port
B. unconfigured port
C. disabled port
D. trunk port
E. access port

Answer: B

Explanation: https://www.cisco.com/en/US/docs/unified_computing/ucs/sw/gui/config/guide/141/UCSM_GUI_Configuration_Guide_141_chapter5.html

NEW QUESTION 443
Which statement about supportability with ITD is true?

A. Up to 128 ACE enties are supported
B. Deny ACE enties are supported
C. ITD is supported on fabric extenders
D. Weighted load balancing is supported

Answer: D

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/7-x/itd/configuration/guide/b_Cisco_Nexus_9000_Series_NXOS_Intelligent_Traffic_Dire
ctor_Configuration_Guide_7x/b_Cisco_Nexus_9000_Series_NXOS_Intelligent_Traffic_Director_Configuration_Guide_7x_chapter_010.html#concept_1AE89B988
82646F492786590EAA85F70

NEW QUESTION 445
Which sequence of QoS actions is taken on egress traffic on the Cisco Nexus 7000 Series Switches?

A. queuing and scheduling, classification, marking, policing, mutation
B. marking, policing, mutation, classification, queuing and scheduling
C. classification, marking, policing, queuing and scheduling, mutation
D. classification, marking, policing, mutation, queuing and scheduling

Answer: D

NEW QUESTION 447
Which goal of peer-gateway in vPC is true?

A. Transmit BPDUs from the secondary and primary vPC switch.
B. Act as a single router when peering dynamic routing protocols over a vPC.
C. Use the same bridge ID when sending BPDUs from switches in a vPC pair.
D. Configure the MAC address of the vPC peer as a gateway MAC.

Answer: D

NEW QUESTION 451
Which two descriptions of the Cisco 7000 RISE Technology are true? (Choose two.)

A. RISE enables remote inspection of control plane traffic to address security concerns.
B. RISE can provide ADC offload freeing resources in the ADC.
C. RISE enables remote inspection of data plane traffic to address security concerns
D. RISE enables a physical appliance to appear as a service module in the Cisco Nexis 7000 chassis
E. RISE can be utilized to provide management capabilities for non-Cisco routers.

Answer: DE

NEW QUESTION 452
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 456
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 458
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 463
Which two statements about import and export route control in an ACI fabric are true? (Choose two.)

A. Prefixes learned from OSPF/EIGRP L30urs 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 468
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.
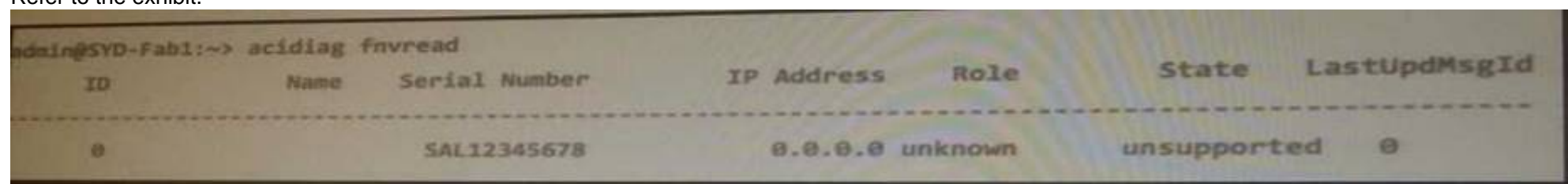
Answer: AB

NEW QUESTION 472
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 exampl
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 massages 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 massages to a Cisco Nexus switch

Answer: A

NEW QUESTION 473
Refer to the exhibit.


```
admin@SYD-Fab1:~> acidiag fnvread
   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 arid 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 476
Refer to the exhibit.
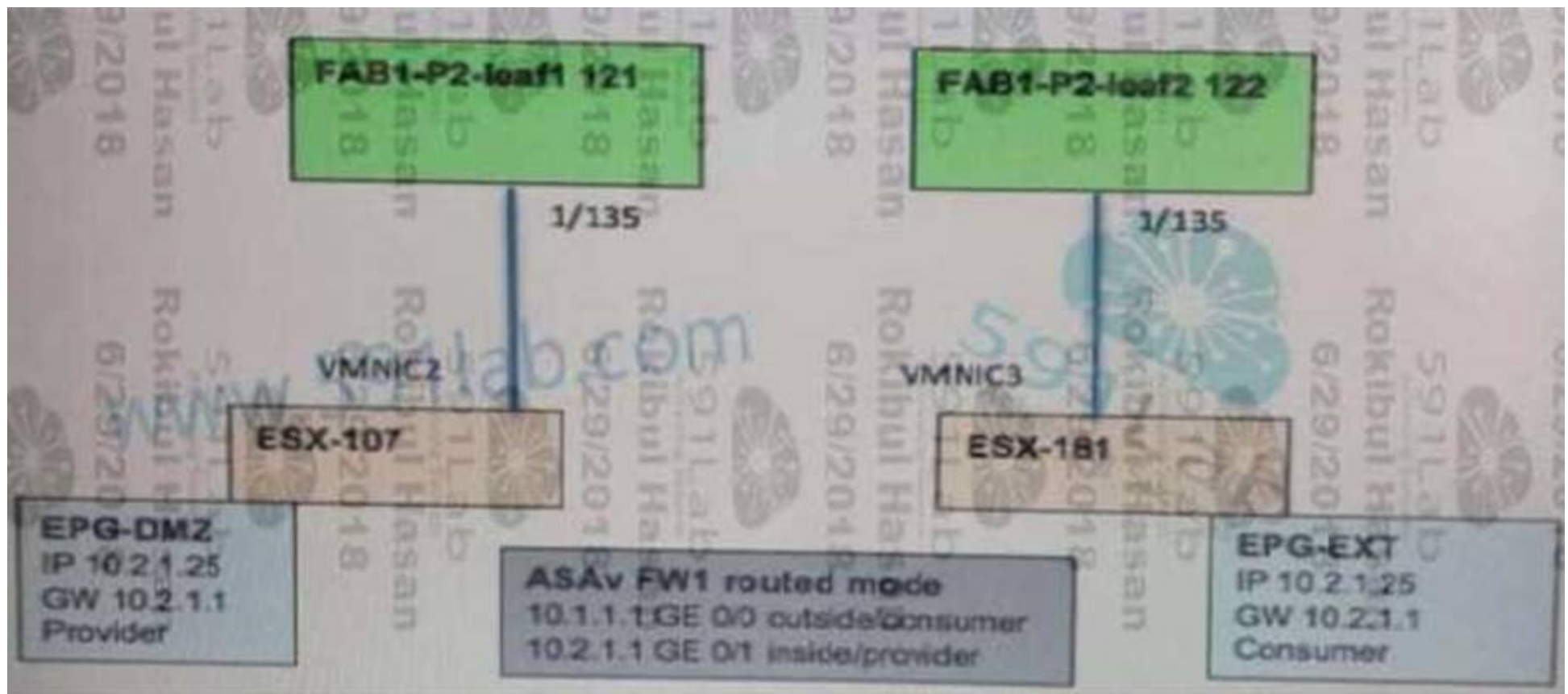
All endpoint default gateways are correctly configured. The ASAv is operating in managed mode. Which three items do you verify as correct when troubleshooting an issue where endpoints in EPG- EXT were unable to pin endpoints in EPG-DMZ? (Choose three)

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 478
Which description of Infrastructure as a Service is true?

A. a cloud service that delivers on-demand internet connection between sites
B. a cloud service that delivers on-demand internet connection between sites
C. a cloud service that delivers on-demand resource like networking and storage
D. a cloud service that delivers on-demand software services on a subscription sis

Answer: C

NEW QUESTION 483
Refer to the exhibit.
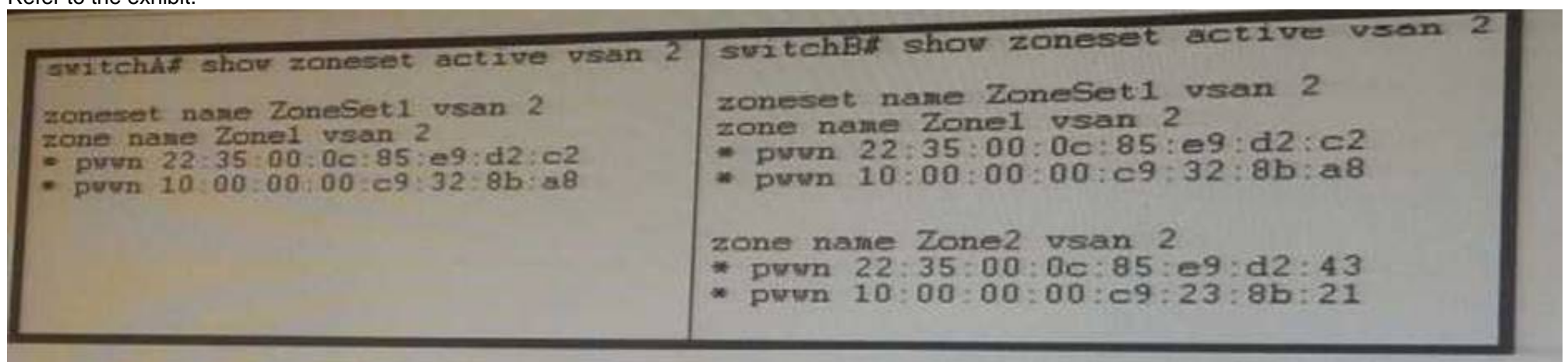
Refer to the exhibit. Switch A and switch B have these zone sets currently active and are connected by an ISL that is configured to transport VSAN 2 Enhanced zoning is configured for VSAN 2 and merge-control is set to restrict. Which statement about this configuration is true?

A. Zone merge succeeds and the resulting zone set matches switch B
B. Zone merge succeeds but Zone2 is dropped from the active zone set because it is not currently included in the active zone set in switch A
C. Zone merge fails because the currently active zone sets are not identical
D. Enhanced zoning is configured so the user is prompted on the CLI to permit or deny Zone2 into the active zone set
E. Zone merge fails because merge-control set to restrict which means that merges are never permitted

Answer: C

NEW QUESTION 484
In OpenStack, which two statements about the NOVA component are true? (Choose two.)

A. It tracks cloud usage statistics for billing purposes.
B. It launches virtual machine instances.
C. It is considered the cloud computing fabric controller

D. It provides persistent block storage to running instances of virtual machines
E. It provides the authentication and authorization services

Answer: BC

NEW QUESTION 485
In OpenStack, which project stores and retrieves arbitrary unstructured data objects?

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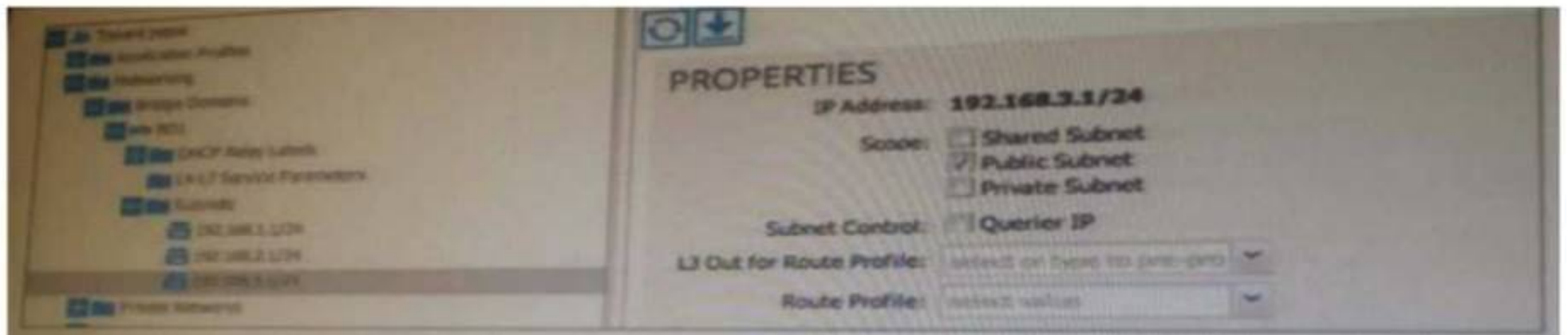C. Cinder
D. Swift

Answer: D

NEW QUESTION 486
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 490
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 493
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 495
You are integrating Layer 4 - Layer 7 devices in a Cisco Application Centric Infrastructure deployment. Which option allows you to define a preset of policies to deploy when applying a service graph template?

A. application profile
B. service groups
C. function profile
D. policy groups

Answer: C

NEW QUESTION 500
In an ACI fabric, which three types of interface are supported on border leaf switches to connect to an external router? (Choose three)

A. sub interface with 802 1Q tagging

B. 1GbE Interface
C. any interfaces that supports VXLAN encapsulation
D. Layer 3 interface
E. 10GbE interface
F. switch virtual interface

Answer: ADF

Explanation: Using More than two Border leaf Switches
Border leaf switches support three types of interfaces to connect to an external router:
• Layer 3 (routed) interface
• Sub interface with IEEE 802.1Q tagging
• Switched Virtual Interface (SVI)

NEW QUESTION 505
A user wants to allow VLANs 1-3967 on a pure Layer 2 FabricPath spine with the least amount of configuration required. Which configuration is correct?

A. Vlan3967 mode fabric pathInterface eth(fabricpath core interface) switchport mode fabricpath
B. Vlan 1mode fabricpath fabncpath mode transit
C. Vlan 1-3967mode fabricpathInterface eth(fabricpath core interface) switchport mode fabncpath
D. Vlan 1-3967Interface eth(fabricpath core interface) switchport mode trunkswitchport trunk allowed vlan all

Answer: C

NEW QUESTION 506
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 507
Which routing protocol is implemented between leaf and spine switches to propagate external routes within the ACI fabric?

A. Intermediate System-to-Intermediate System
B. Open Shortest Path First
C. Border Gateway Protocol
D. Multiprotocol Border Gateway Protocol

Answer: D

NEW QUESTION 512
DRAG DROP
Drag and drop the feature on the left to their correct benefit on the right

Answer:

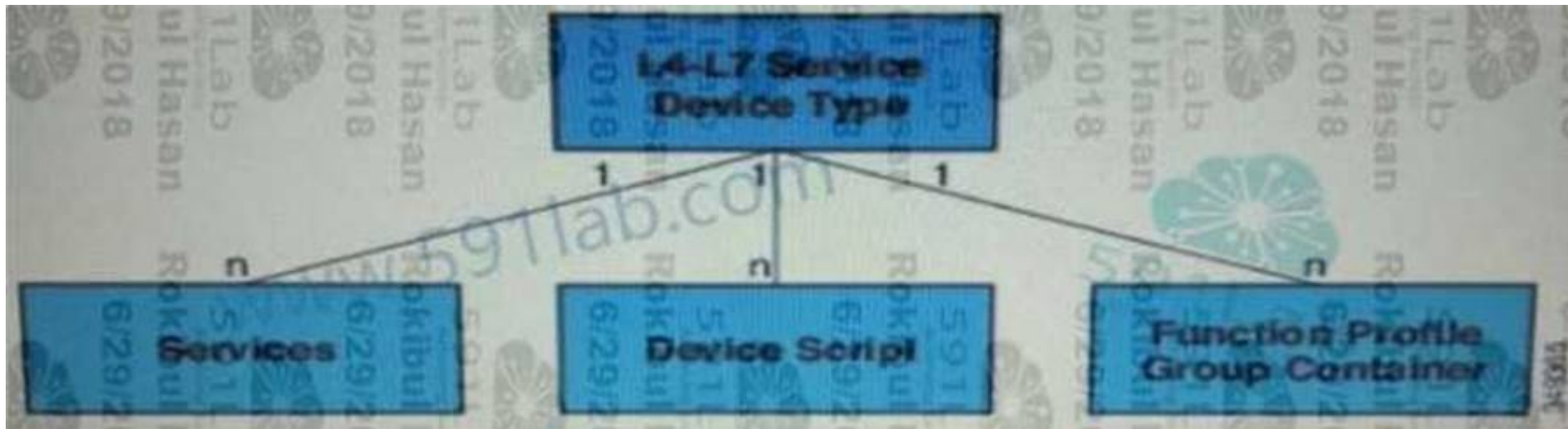**Explanation:** A goes to C
B goes to D
C goes to A
D goes to B

NEW QUESTION 514
DRAG DROP

Refer to the exhibit.

Drag and drop the objects on the left to their correct descriptions on the right

Answer:

Explanation: A goes to C B goes to A C goes to B
Layer 4 to Layer 7 service policies contain the following:
* Services-Contains metadata (or all the functions provided by a device such as SSL offloading and load-balancing. This MO contains the connector names, encapsulation type, such as VLAN and VXLAN, and any interface labels.
* Device Script-Represents a device script handler that contains meta information about the related attributes of the script handler including its name, package name, and version.
* Function Profile Group Container-Objects that contain the functions available to the service device type. Function profiles contain all the configurable parameters supported by the device organized into folders.

NEW QUESTION 517
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 520
What is the correct upgrade sequence for Cisco Cloud Center components?

A. CCM, AMQP, CCO, Health Monitor
B. CCM, CCO, Health Monitor, AMQP
C. CCM, CCO, AMQP Health Monitor
D. CCM, Health Monitor, AMQP, CCO

Answer: C

NEW QUESTION 523
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 525

How many revisions of log files is kept by Cisco Cloud Center?

A. 25
B. 5
C. 20
D. 10

Answer: D

NEW QUESTION 530
What is the correct location where the DPDK libraries run?

A. User space
B. Network Space
C. Kernel Space
D. Disk Space

Answer: A

NEW QUESTION 534
Which statement about TAP and TUN devices, which are used in a Linux/KVM cloud deployment model, is true?

A. TUN is for handling Ethernet frames, but TAP is for handling IP packets
B. TUN is for tunneling IP packets, but TAP is for tapping IP packets.
C. TUN is for tunneling Ethernet frames, but TAP is for tapping Ethernet frames.
D. TUN is for handling IP packets, but TAP is for handling Ethernet frames.

Answer: D

Explanation: https://www.fir3net.com/Networking/Terms-and-Concepts/virtual-networking-devices-tun-tap-and-veth-pairs-explained.html

NEW QUESTION 538
Which two of the following options are true about OpenStack Cinder? (Choose two)

A. Attached to multiple distances simultaneously
B. Ephemeral storage
C. Persistent storage
D. Can only be attached to one instance at a time
E. Data Storage

Answer: AD

NEW QUESTION 542
A cloud service provider is designing a large multitenant data center to support thousands of tenants. The provider is concerned about the scalability of the Layer 2 network and providing Layer 2 segmentation to potentially thousands of tenants.
Which Layer 2 technology is best suited in this scenario?

A. LDP
B. VXLAN
C. extended VLAN ranges
D. VRF

Answer: B

Explanation: https://www.cisco.com/c/en/us/products/collateral/switches/nexus-9000-series-switches/white-paper-c11-729383.html

NEW QUESTION 543
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