

## 400-151 Dumps

### CCIE Data Center Written Exam

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



### NEW QUESTION 1

Refer to the exhibit.

The exhibit shows two terminal windows. The left window displays the configuration for EPG 'Clients' and a zoning rule table. The right window displays the configuration for EPG 'Server'.

```

admin@leaf101:~$ moquery -c fv.AEPg -f "fv.AEPg.name=='Clients'"
Total Objects shown: 1

# fv.AEPg
name          : Clients
childAction   :
configIssues  :
configSt      : applied
descr        :
dn            : uni/tn-Pod1/ap-VM/epg-Clients
isAttrBasedE  : no
lcOwn         : local
matchT        : AtleastOne
modTs         : 2015-09-30T12:08:43.063+11:00
monPolDn      : uni/tn-common/monepg-default
pcTag         : 32770
prio          : unspecified
rn            : epg-Clients
scope         : 2392065
status        :
triggerSt     : triggerable
txId          : 0
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_anv(12)

Leaf101#

admin@leaf101:~$ moquery -c fv.AEPg -f "fv.AEPg.name=='Server'"
Total Objects shown: 1

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

```

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

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

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

**Answer: BCE**

### NEW QUESTION 3

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

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

**Answer: B**

### NEW QUESTION 4

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 5**

**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

- A. Mastered  
B. Not Mastered

**Answer:** A

**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](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 6**

**DRAG DROP**

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

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

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

	802.1w
	802.1s
	BPDU
	system ID extension
	802.1d

#### NEW QUESTION 7

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 8**

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

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

**Answer:** BE

**Explanation:**

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

**NEW QUESTION 9**

Which ports are affected by enabling BPDU Guard globally?

- A. operational spanning tree network ports
- B. all operational spanning tree ports
- C. operational spanning tree normal ports
- D. operational spanning tree edge ports

**Answer:** D

**NEW QUESTION 10**

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](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 10**

Which multicast destination MAC address is assigned to LACP?

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

**Answer:** A

**NEW QUESTION 13**

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

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

**Answer:** D

**Explanation:**

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

**NEW QUESTION 17**

Which description of Cisco Virtual Topology System is true?

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

**Answer:** C

**Explanation:**

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

#### NEW QUESTION 18

Which protocol does NX-API use as its transport

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

**Answer:** A

#### NEW QUESTION 23

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 25

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 30

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

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

**Answer:** ACFG

#### NEW QUESTION 33

A VPC stretched from two leaf switches up to an ASA firewall you are configuring the VPC as an L3 out interface in a Cisco ACI fabric. How is the Layer 3 configuration applied?

- A. A separate SVI must be configured in the ACI fabric and the VLAN of the SVI must be allowed on the VPC trunk configuration
- B. Each endpoint of the VPC must be configured with an IP address in the same range
- C. The VPC configuration itself must be seen as a Layer 2 Portchannel stretching over two devices. A subinterface in the port channel configuration
- D. Each link must be configured as a Layer 3 link

**Answer:** A

#### NEW QUESTION 36

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

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

**Answer:** AE



**NEW QUESTION 38**

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 43**

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

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

**Answer:** C

**NEW QUESTION 44**

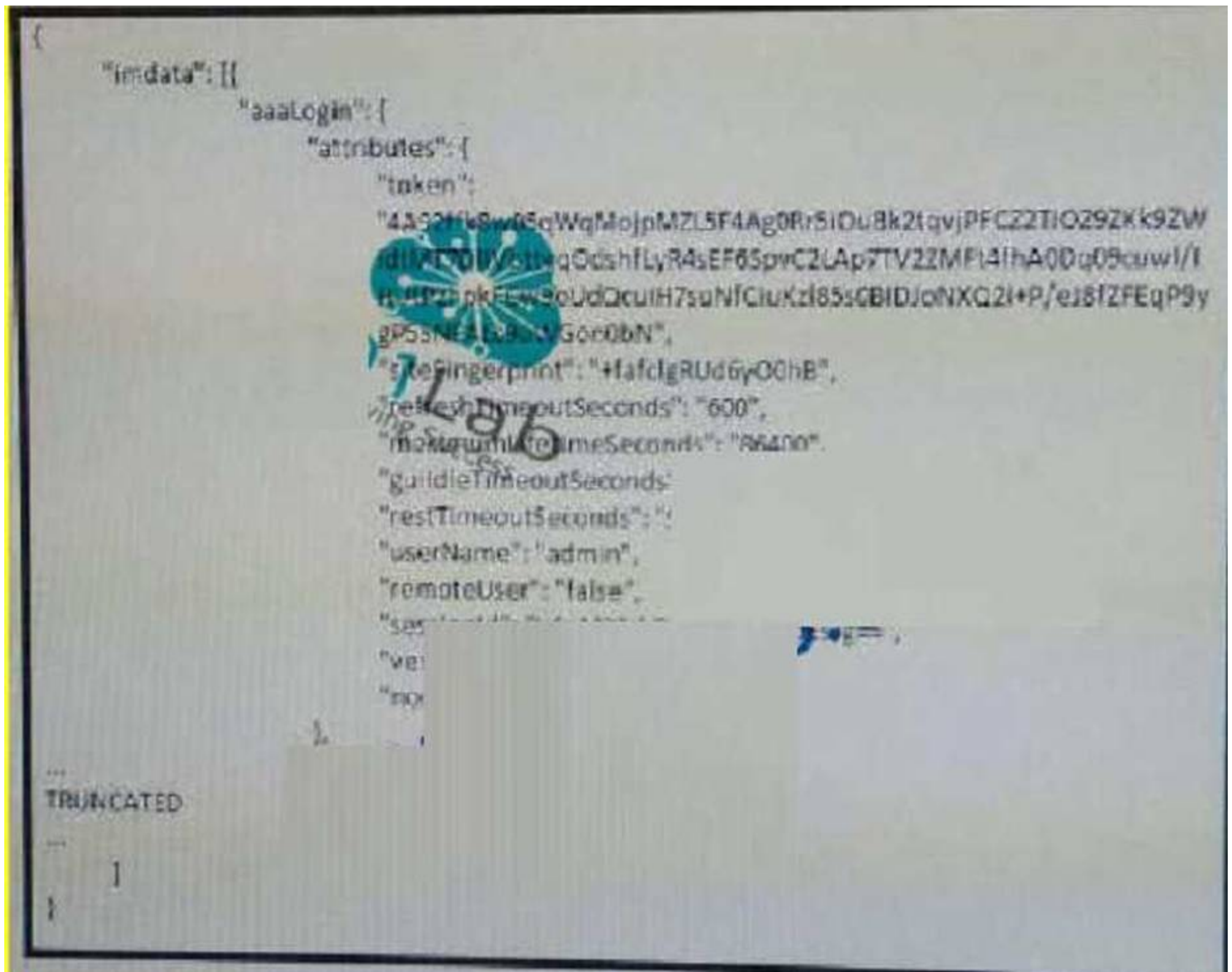
Where are domains placed when they are initially registered with Cisco UCS Central?

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

**Answer:** B

**NEW QUESTION 48**

Refer to the exhibit.



You attempt to log in to APIC, you receive this response. Which statement is true?

- A. You must set the APIC-cookie to a value of "token".
- B. This is a successful login, and you encrypted your password in the "token" attribute using the SHA1 algorithm.
- C. You must set the APIC-cookie to a value of "sessionId"
- D. Your session cookie expires in 5 minutes

**Answer: B**

#### NEW QUESTION 49

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 52

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

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

**Answer: D**

#### NEW QUESTION 54

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 55

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

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

**Answer:** AEF

#### NEW QUESTION 57

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.

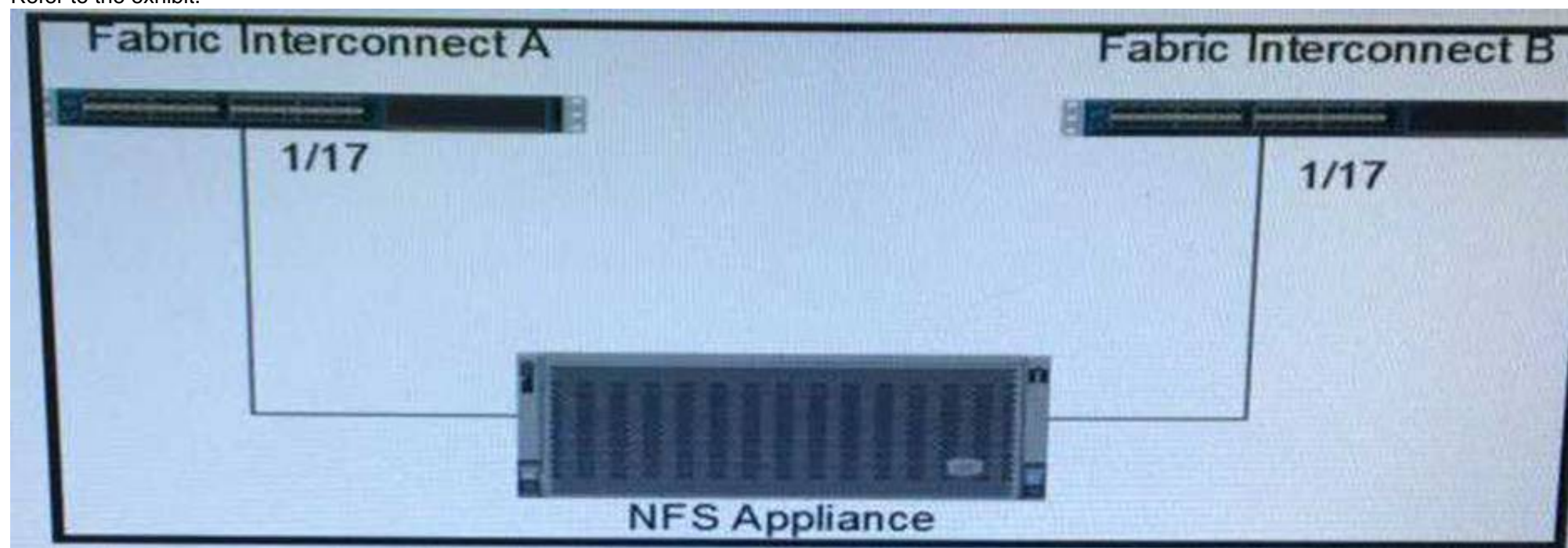
Which reason for this behavior is true?

- 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 60

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 61

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

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

**Answer:** D

#### NEW QUESTION 62

Which statement about network ports in a UCS fabric interconnect is true?

- A. Network posts have BPDU Guard enabled.
- B. Network posts do not trunk any VLANs unless they are overridden in VLAN Manager.
- C. Network posts trunk all VLANs unless they are overridden in VLAN Manager.
- D. Network posts are placed into a port channel automatically.
- E. Network posts do not trunk any VLANs unless they are overridden in a pin group.

**Answer: C**

**NEW QUESTION 63**

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

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

**Answer: BC**

## NEW QUESTION 64

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 69

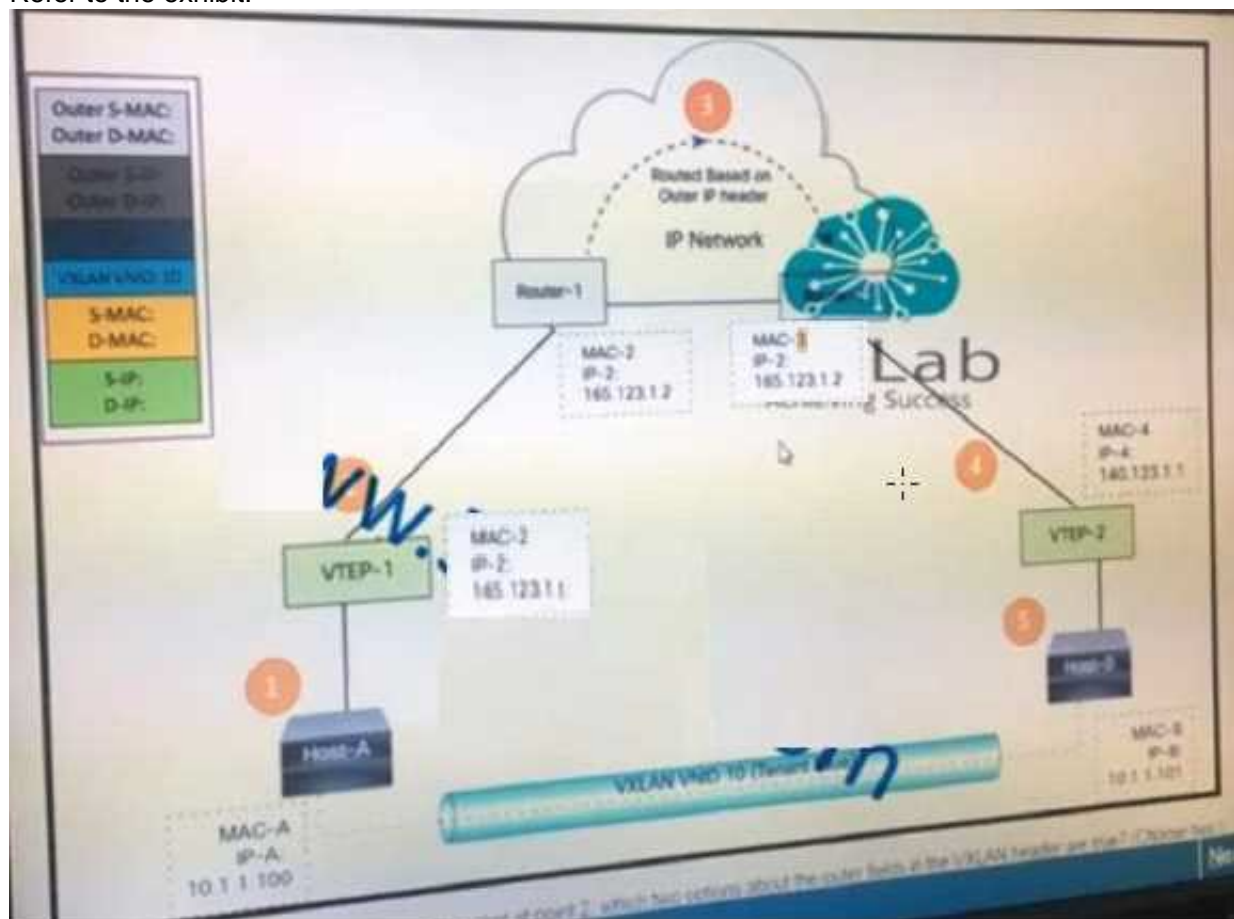
Which option is the default FC-MAP?

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

**Answer: B**

**NEW QUESTION 73**

Refer to the exhibit.



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

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

E. Outer S-IP = IP-1; Outer D-IP = IP-2.

**Answer:** CD

#### NEW QUESTION 76

Refer to the exhibit.

```
5648-A(config)# vlan 1105
5648-A(config-vlan)# fcoe vsan 105
5648-A(config-int)# interface Ethernet3/7
5648-A(config-int)# switchport mode trunk
5648-A(config-int)# switchport trunk allowed vlan 1, 105, 200, 1105
5648-A(config-int)# spanning-tree port type edge trunk
```

On which VLAN does VLAN Discovery occur?

- A. VLAN 200
- B. VLAN 1105
- C. VLAN 105
- D. VLAN 1

**Answer:** D

#### NEW QUESTION 81

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

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

**Answer:** BCE

#### NEW QUESTION 85

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 90

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 leaf.
- E. Route control subnets control the exchange of routing information (Prefixes) into and out of the fabric (control plane)
- F. The routes are advertised to all external Layer 3 Outside connections

**Answer:** BCE

#### NEW QUESTION 95

Which state is the optimal health state for an APIC cluster?

- A. fully sync'd
- B. in service
- C. in-sync
- D. fully fit

**Answer:** D

#### NEW QUESTION 97

Which three options are valid sources for Cisco UCS monitor sessions? (Choose three)

- A. VLAN
- B. vNIC
- C. vHBA
- D. VSAN



- E. uplink FC interface
- F. pin group

**Answer:** CDE

**NEW QUESTION 99**

Which three prerequisites must be created to enable Cisco UCS authentications via LDAP? (Choose three)

- A. LDAP server
- B. LDAP provider group
- C. LDAP provider
- D. LDAP group map
- E. remotely authenticated user
- F. authentication domain

**Answer:** BCD

**NEW QUESTION 104**

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 108**

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 112**

You must send an email after Cisco UCS Director completes a particular operation. Which two steps to implement this functionality are most appropriate? (Choose two.)

- A. Use WebSockets and subscribe to events from Cisco UCS Director.
- B. Configure Mail Setup in Cisco UCS Director Administration > System settings.
- C. Implement Python code in the workflow to send an email.
- D. Use Cloupia Script to send an email.
- E. Write the appropriate method in XML and pass the email parameters to it.

**Answer:** BD

**NEW QUESTION 117**

DRAG DROP

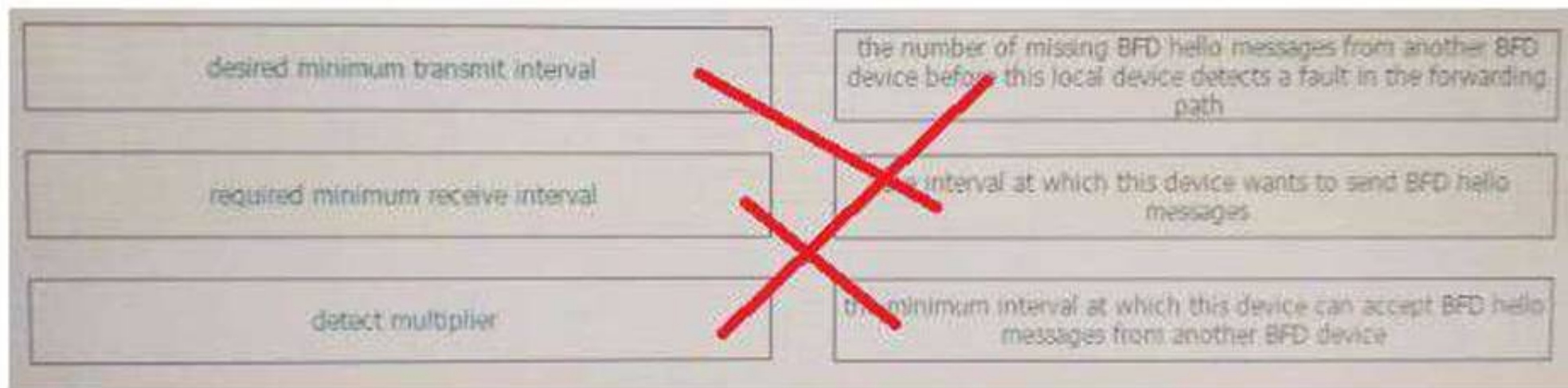
Drag and drop the term about BFD session parameters from the left onto the correct definition on the right?

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

- A. Mastered
- B. Not Mastered

**Answer:** A

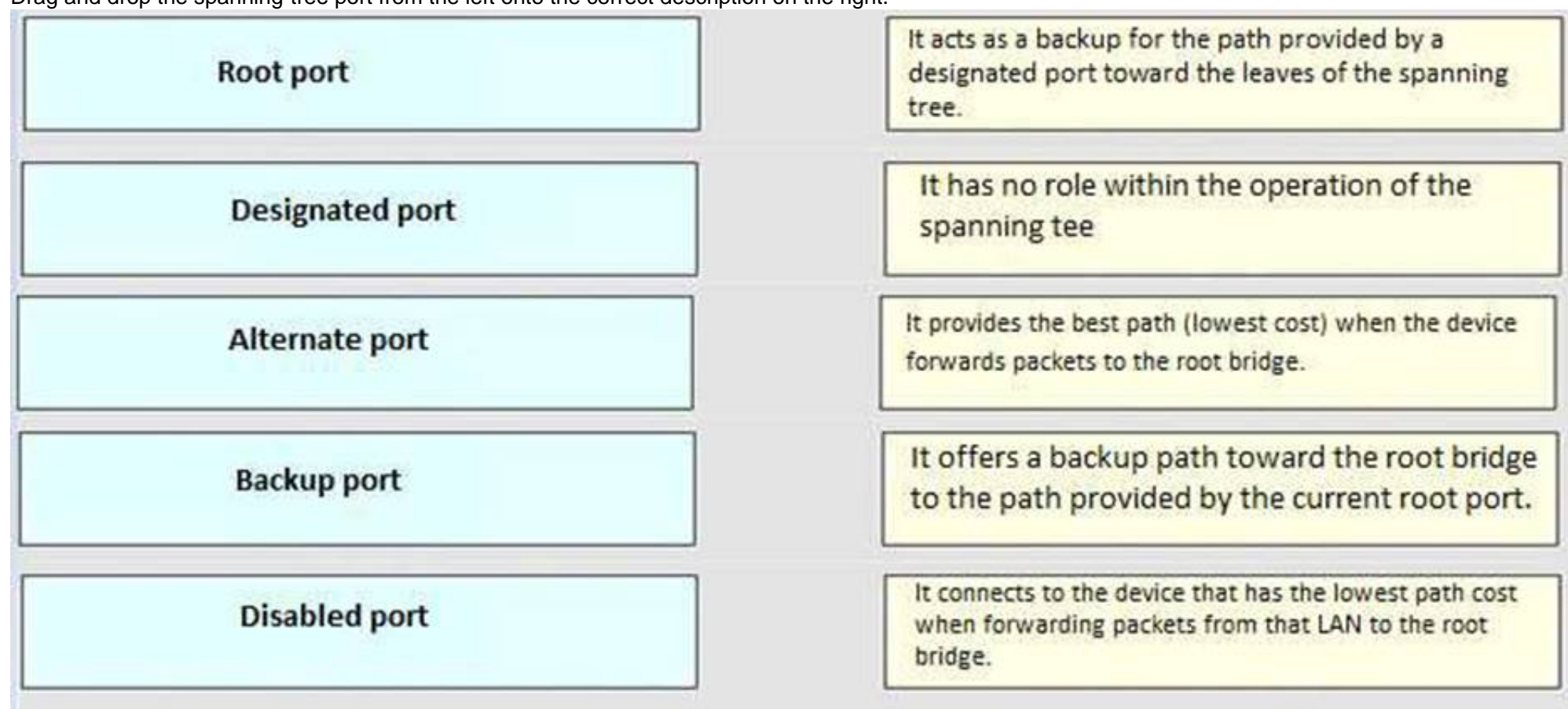
Explanation:



#### NEW QUESTION 118

DRAG DROP

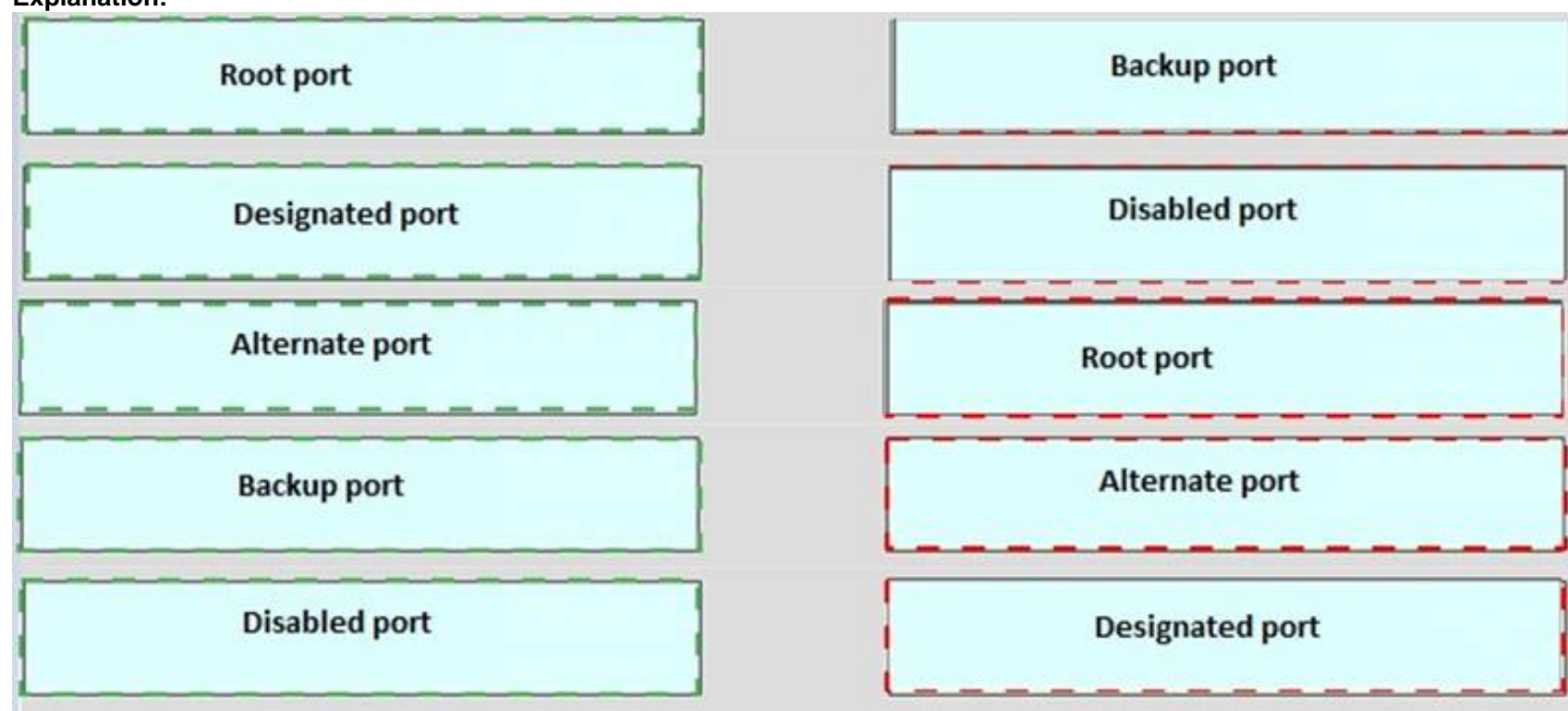
Drag and drop the spanning-tree port from the left onto the correct description on the right.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



#### NEW QUESTION 122

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

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

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

**NEW QUESTION 123**

Refer to the exhibit.



```
bdsol-6248-01-A(nxos)# sh int vfc1972
vfc1972 is down (Bound Physical Interface Down)
Bound interface is Vethernet10164
Port description is server 8/3, VHBA fc0
Hardware is Virtual Fibre Channel
Port WWN is 27:b3:54:7f:ee:aa:aa:aa
Admin port mode is F, trunk mode is vsan 70
snmp link-state traps are enabled
Port is V0
1 minute input rate 0 bits/sec, 0 bytes/sec, 0 frames/sec
1 minute output rate 0 bits/sec, 0 bytes/sec, 0 frames/sec
0 frames input, 0 bytes
0 discards, 0 errors
0 frames output, 0 bytes
0 discards, 0 errors
last clearing of "show interface" counters never
Interface last changed at Sat Apr 11 10:22:39 2015
```

Which statement is true?

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

**Answer: C**

#### NEW QUESTION 126

Refer to the exhibit.

```
switch(config)# interface ethernet 1/2
switch(config-if)# no switchport
switch(config-if)# ip ospf transmit-delay 8
switch(config-if)#
```

Which purpose of the ipospf transmit-delay command is true?

- A. This variable adds a specified time to the age field of an OSPF update
- 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 128

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 131

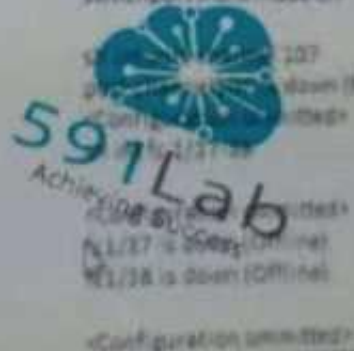
Which two statements about the Cisco Open SDN Controller are true? (Choose two.)

- 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 134

Refer to the exhibit.



shown in the exhibit.

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

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

**Answer: D**

## NEW QUESTION 137

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 138

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 the vNIC, Cisco UCS Manager brings the link down

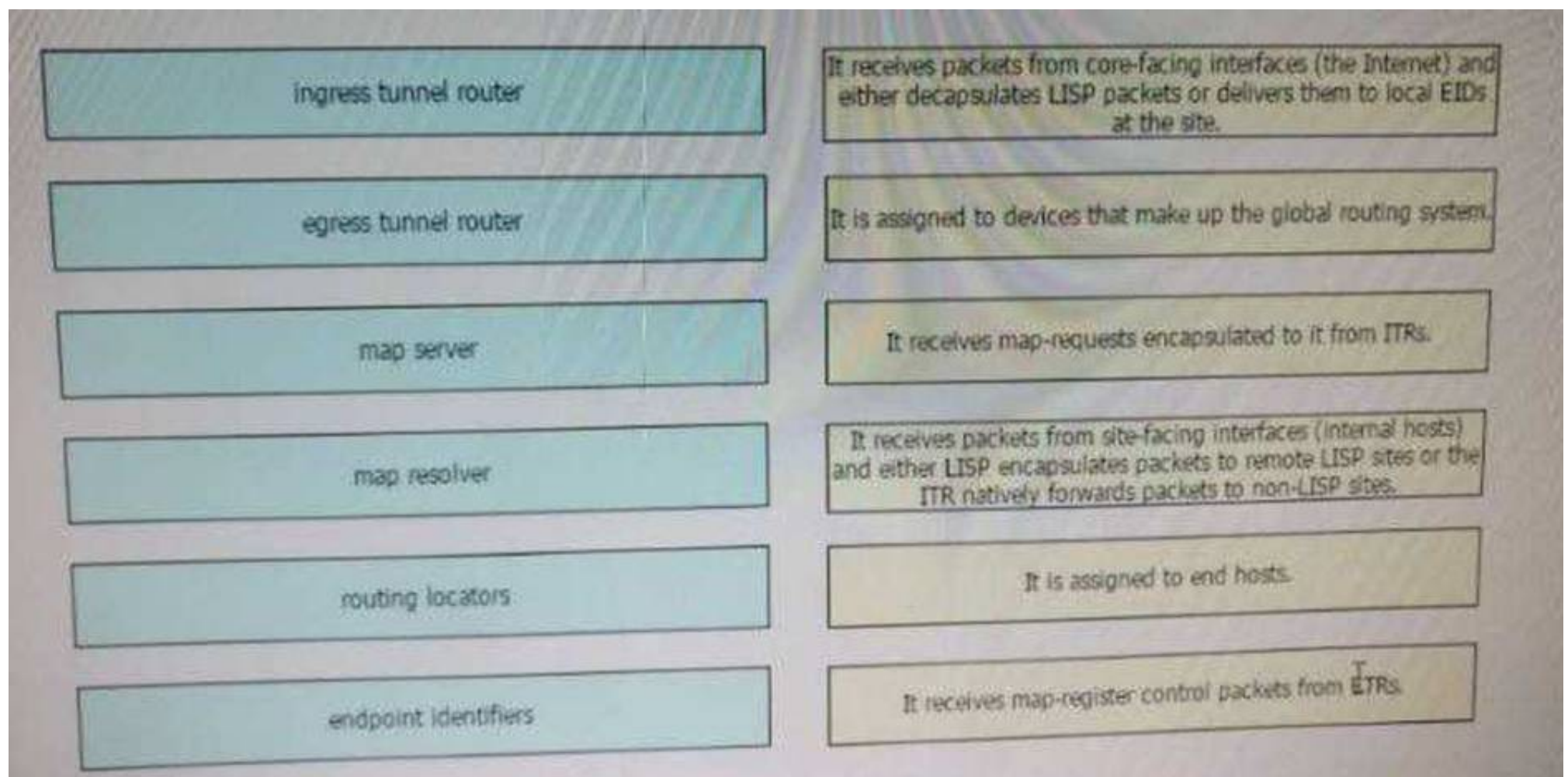
**Answer: B**

## NEW QUESTION 143

DRAG DROP

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





- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

Ingress tunnel router – it receives packets from site-facing interfaces (internal hosts) and either LISP encapsulates packets to remote LISP sites or the ITR natively forwards packets to non LISP sites. Egress tunnel router – It receives packets from core-facing interfaces (the internet) and either decapsulates LISP packets or delivers them to local EIDs at the site Map server – it receives map- register control packets from 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 147**

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 an IoT network is consistent.  
D. IoT networks are bandwidth constrained.  
E. IoT networks use IS-IS for routing.

**Answer:** BD

**NEW QUESTION 148**

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 153**

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 DHCP 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 a new IP address from a DHCP server.

**Answer:** ADE



**NEW QUESTION 158**

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

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

**Answer:** AC

**NEW QUESTION 163**

Which language is used to write Cloupia Script?

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

**Answer:** C

**NEW QUESTION 167**

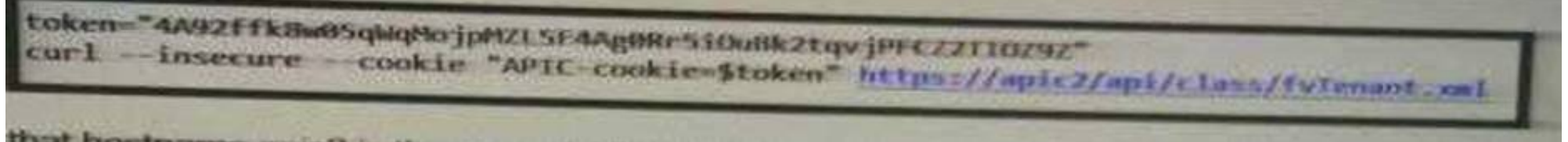
Which two statements about the Cisco Fibre Channel Domain feature and persistent FC IDs are true? (Choose two.)

- 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 169**

Refer to the exhibit.



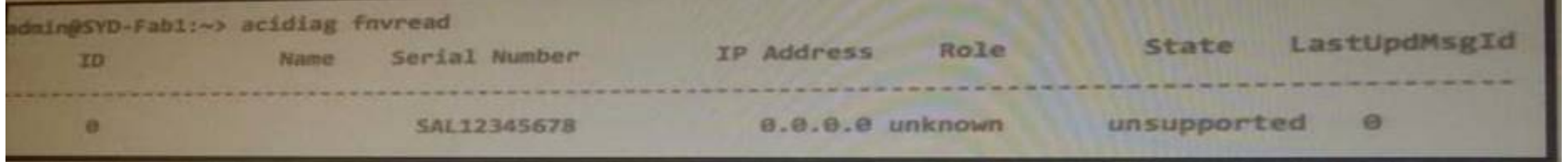
Assume that hostname apic2 is the second APIC (id=2) running in the APIC cluster in the ACI fabric and the token variable is the correct APIC-cookie. The objective is to retrieve a list of tenants in XML form. Which statement is correct?

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

**Answer:** D

**NEW QUESTION 172**

Refer to the exhibit.



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

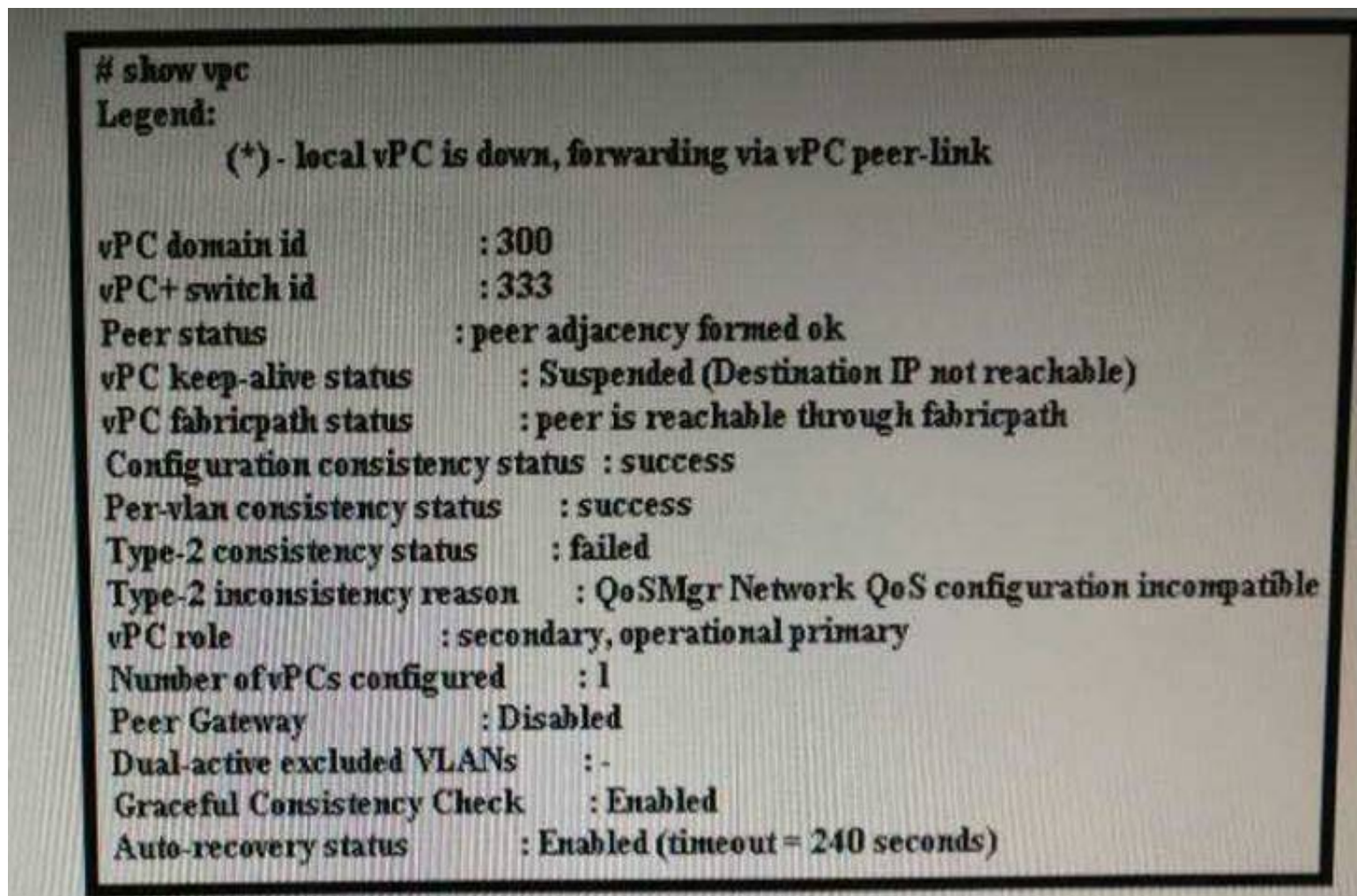
An admin wants to bring online a new leaf node into their ACI fabric. Before registering the leaf node, the admin checks the current status and sees this output. Which option is the reason for the admin to see this output?

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

**Answer:** E

**NEW QUESTION 177**

Refer to the exhibit.



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

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

**Answer:** A

#### NEW QUESTION 180

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, then check the infrastructure logs.
- D. Open the infrastructure log.

**Answer:** A

#### NEW QUESTION 185

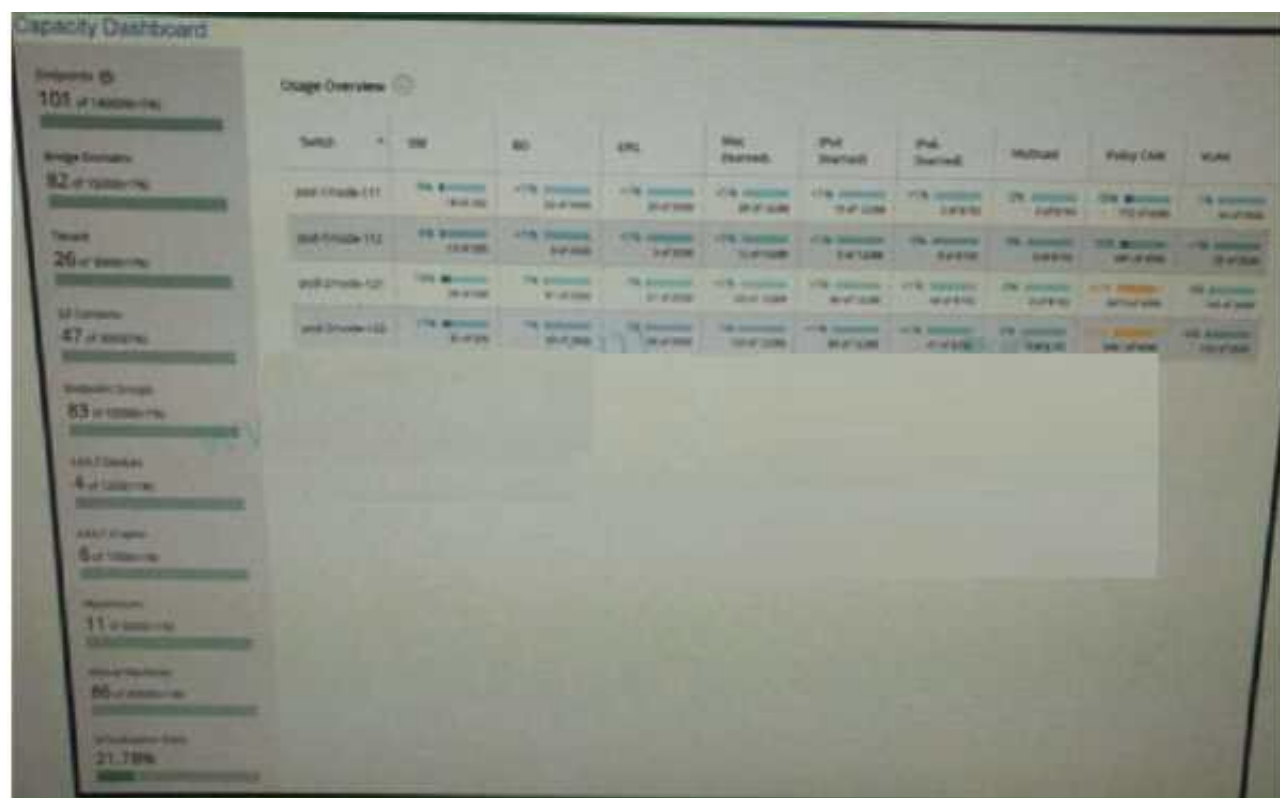
Which statement about enhanced zoning is true?

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

**Answer:** C

#### NEW QUESTION 186

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 187

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

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

**Answer: AC**

#### Explanation:

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

#### NEW QUESTION 192

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 burden of 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](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 197

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 201

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 206**

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 flowlettimeout 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 210**

In a Cisco ACI environment, which option best describes “contracts”?

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

**Answer:** C

**NEW QUESTION 214**

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 216**

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 218**

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

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

**Answer:** CD

**NEW QUESTION 222**

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

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

**Answer:** ACF

**NEW QUESTION 225**

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](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 226**

Which application is used to manage a Cisco vPath deployment?

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

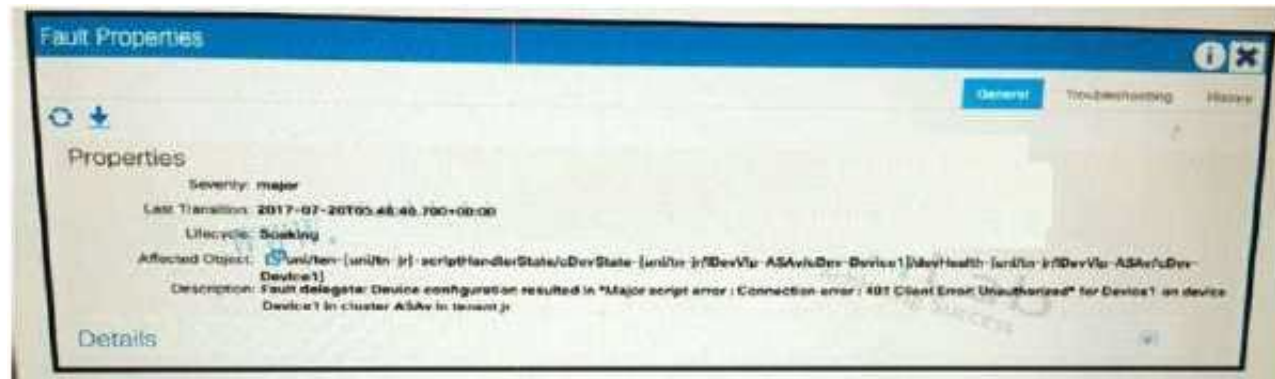
**Answer:** D

**Explanation:**

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

**NEW QUESTION 229**

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 234**

Which option lists the goals of LISP?

- A. Redirection, scalability, optimized routing, client independence, address family agnostic
- B. Redirection, scalability, OTV replacement, client independence, address family agnostic
- C. Redirection, scalability, optimized routing, client independence, address family agnostic, BGP replacement
- D. Redirection, scalability, optimized routing, client independence, address family agnostic, Layer 4 routing

**Answer:** A

**Explanation:**

[https://www.cisco.com/c/dam/en/us/products/collateral/ios-nx-os-software/locator-id-separation-protocol-lisp/lisp-vm\\_mobility\\_wp.pdf](https://www.cisco.com/c/dam/en/us/products/collateral/ios-nx-os-software/locator-id-separation-protocol-lisp/lisp-vm_mobility_wp.pdf)

**NEW QUESTION 235**

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 236**

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 240**

Which option is a valid overlay interface configuration and configures the OTV edge device as a secondary OTV adjacency server?

- A. interface Overlay 1 otv join-interface e 101/1/48 otv adjacency-server secondary otv use-adjacency-server primary 10.1.1 1 otv extend-vlan 5-10
- B. interface Overlay 1 otv join-interface e1/2 otv adjacency-server unicast-only otv use-adjacency-server 10 111 unicast-only otv extend-vlan 5-10
- C. interface Overlay 1 otv join-interface e101/1/48 otv adjacency-server unicast-only otv use-adjacency-server 10 1.1 1 unicast-only otv extend-vlan 5-10
- D. interface Overlay 1 otv join-interface e1/2 otv use-adjacency-sen/er 10.1 1 1 10.1.1 2 otv extend-vlan 5-10

**Answer:** B

**NEW QUESTION 243**

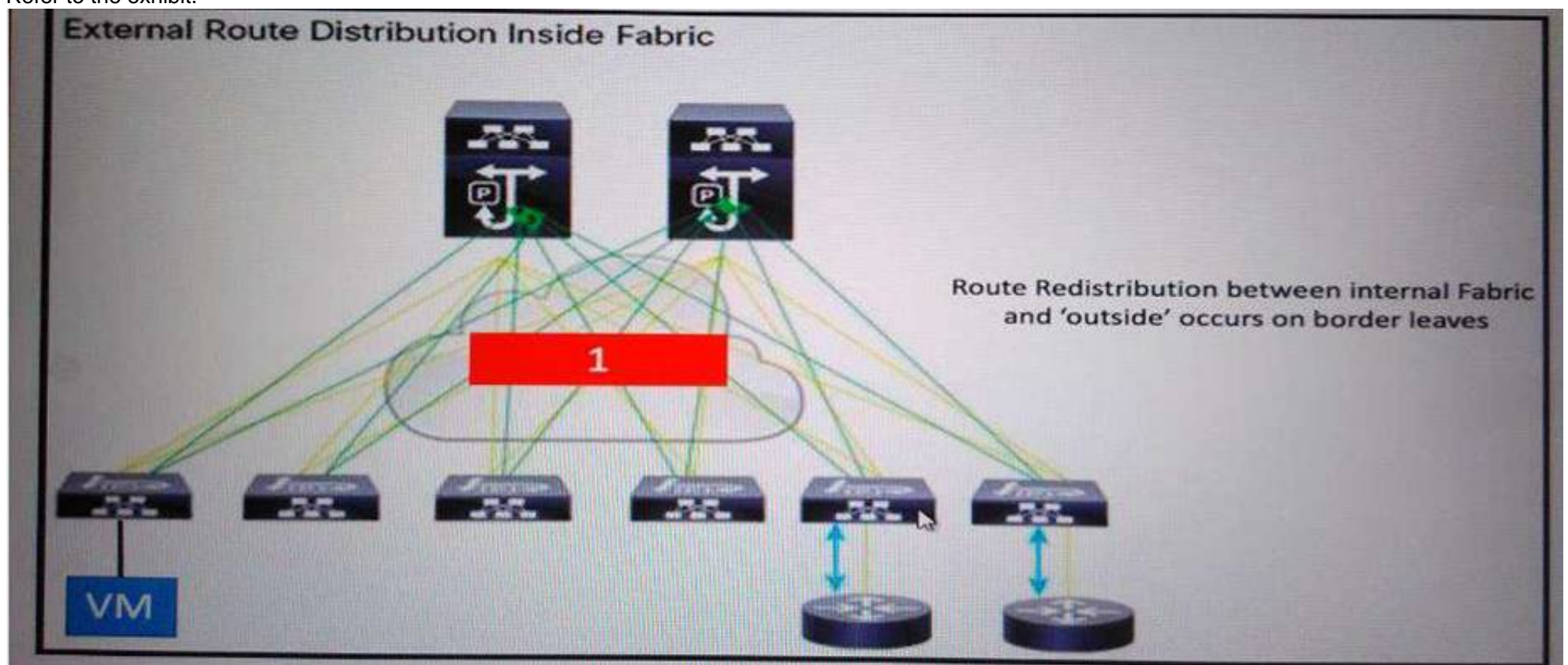
Which IETF standard is the most efficient messaging protocol used in an IoT network?

- A. SNMP
- B. HTTP
- C. CoAP
- D. MQTT

**Answer:** C

**NEW QUESTION 244**

Refer to the exhibit.



Within an ACI fabric, a routing protocol is needed to assist with route redistribution between the outside networks and the internal fabric. Which routing protocol is needed to run in the fabric at location 1 to allow the VM access to the networks advertised by the external Layer 3 network.

- A. eBGP
- B. OSPF
- C. MP-BGP
- D. iBGP
- E. IS-IS

**Answer:** C

**NEW QUESTION 245**

Refer to the exhibit.

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

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

- A. The wrong catalog firmware is running on the APIC.
- B. This output is expected until the admin registers the leaf node and assigns it a role.
- C. The leaf node is yet to be physically 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 247

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

- A. multitenancy
- B. multisite
- C. service graphs
- D. dynamic service provisioning
- E. service chaining
- F. device packages

Answer: ADE

#### NEW QUESTION 250

Refer to the exhibit.



All endpoint default gateways are correctly configured. The ASA 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 253

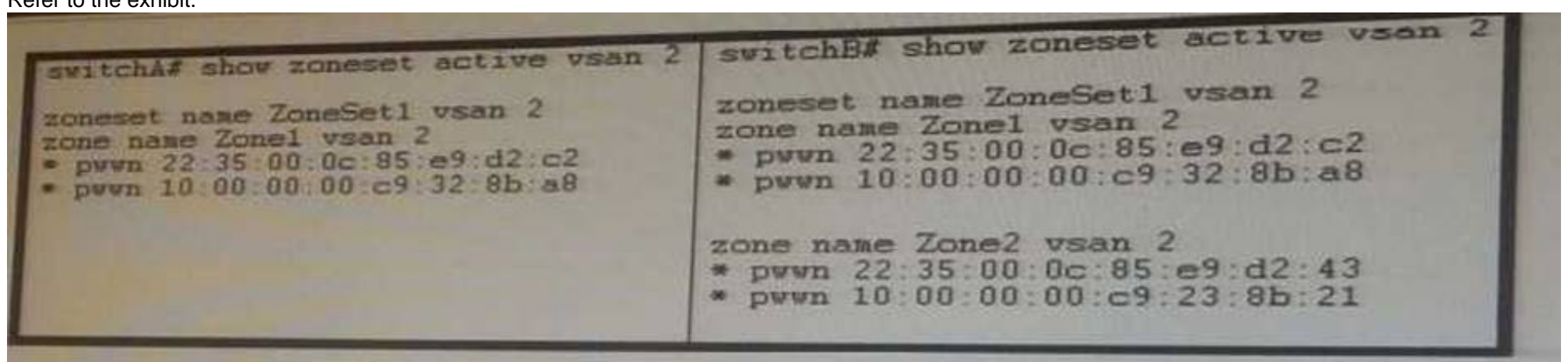
Which two statements about ASA and multicontext support in ACI are true? (Choose two)

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

Answer: BC

#### NEW QUESTION 255

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 259

DRAG DROP

Drag and drop the best five fundamentals that have proven to enable real world IoT successes in innovative companies from the left to the right (in no particular order). Not all options are used



- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Shift to Service Use the cloud Plan to Scale Automate  
Follow Industry best practices

#### NEW QUESTION 261

Which video migration flow is the best choice when implementing a fully Connected Public Safety vehicle?

- A. In-vehicle video storage, enterprise wireless, body cameras, handheld devices enterprise video storage,
- B. Body cameras, handheld devices, in-vehicle video storage, enterprise wireless, enterprise video storage
- C. In-vehicle video storage, enterprise wireless, enterprise video storage, handheld devices, body cameras
- D. Enterprise wireless, enterprise video storage, in-vehicle video storage, handheld devices, body cameras, enterprise video storage

**Answer:** C

#### NEW QUESTION 262

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?

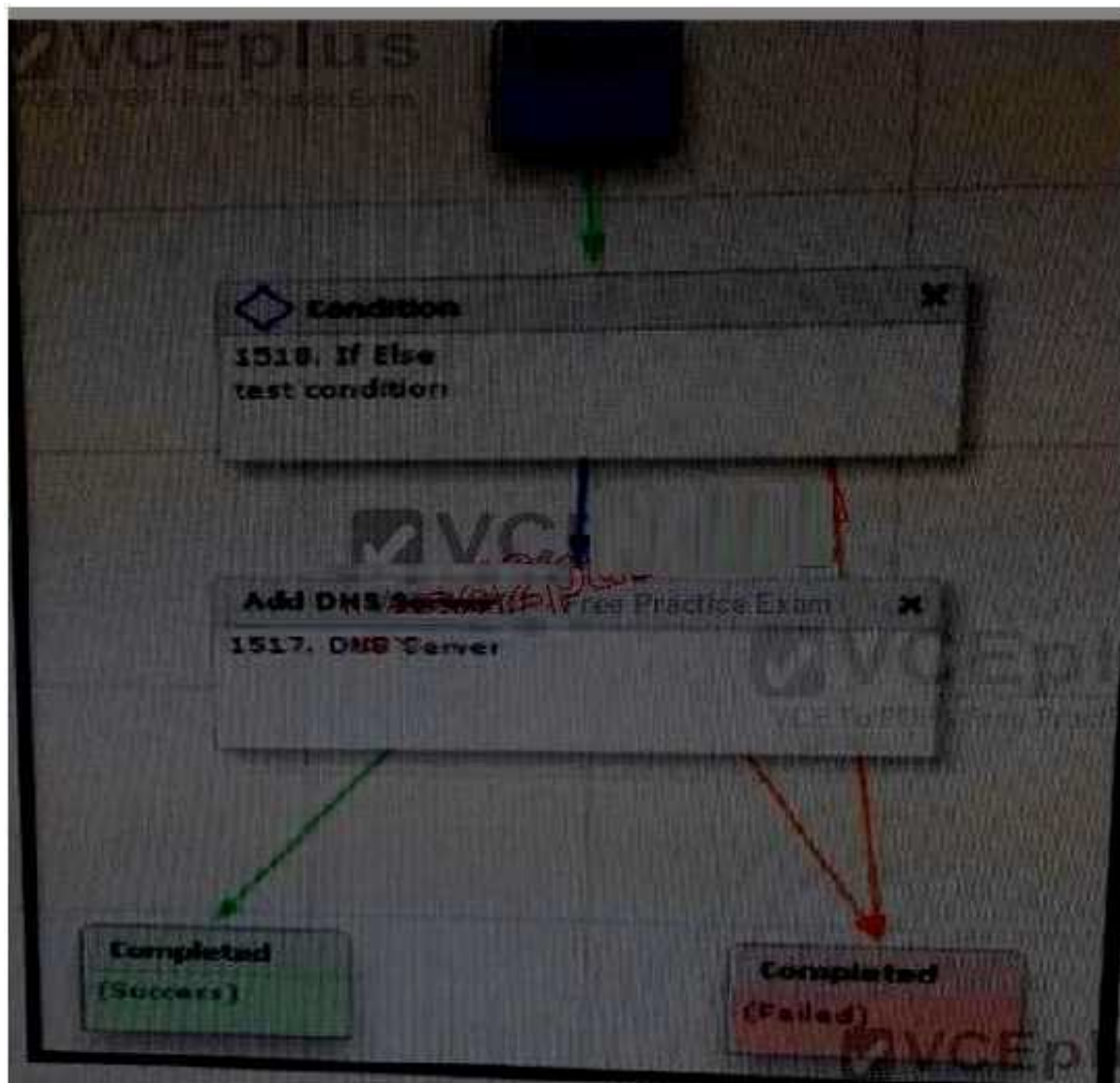
- A. Vlan3967 mode fabric pathInterface eth(fabricpath core interface) switchport mode fabricpath
- B. Vlan 1mode fabricpath fabncpath mode transit
- C. Vlan 1-3967mode fabricpathInterface eth(fabricpath core interface) switchport mode fabncpath
- D. Vlan 1-3967Interface eth( fabricpath core interface)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

**Answer:** C

#### NEW QUESTION 267

Refer to the exhibit.





Which condition executes the Add DNS server task?"

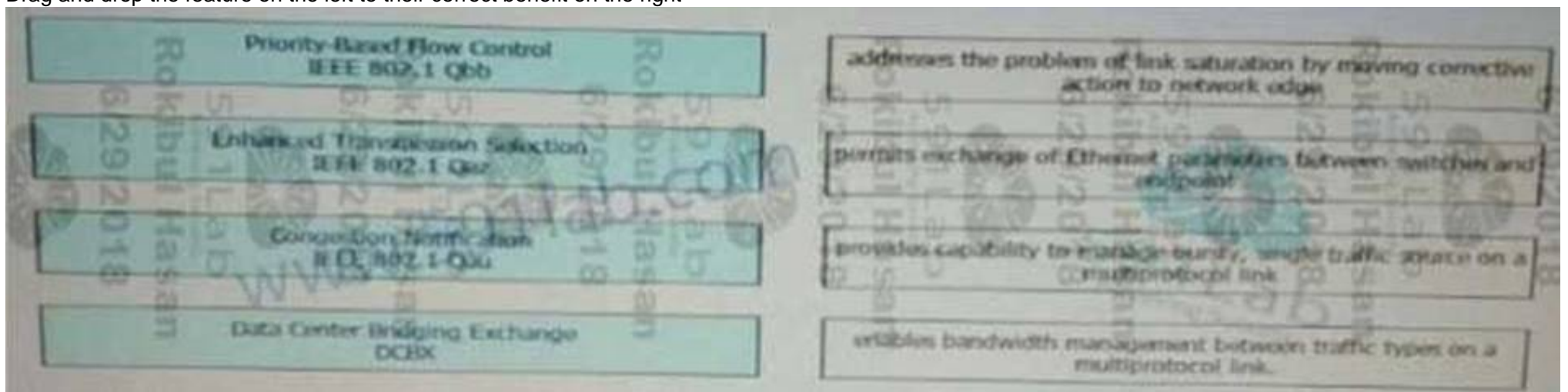
- A. true
- B. failed
- C. undefined
- D. false

**Answer: C**

#### NEW QUESTION 269

DRAG DROP

Drag and drop the feature on the left to their correct benefit on the right



- A. Mastered
- B. Not Mastered

**Answer: A**

#### Explanation:

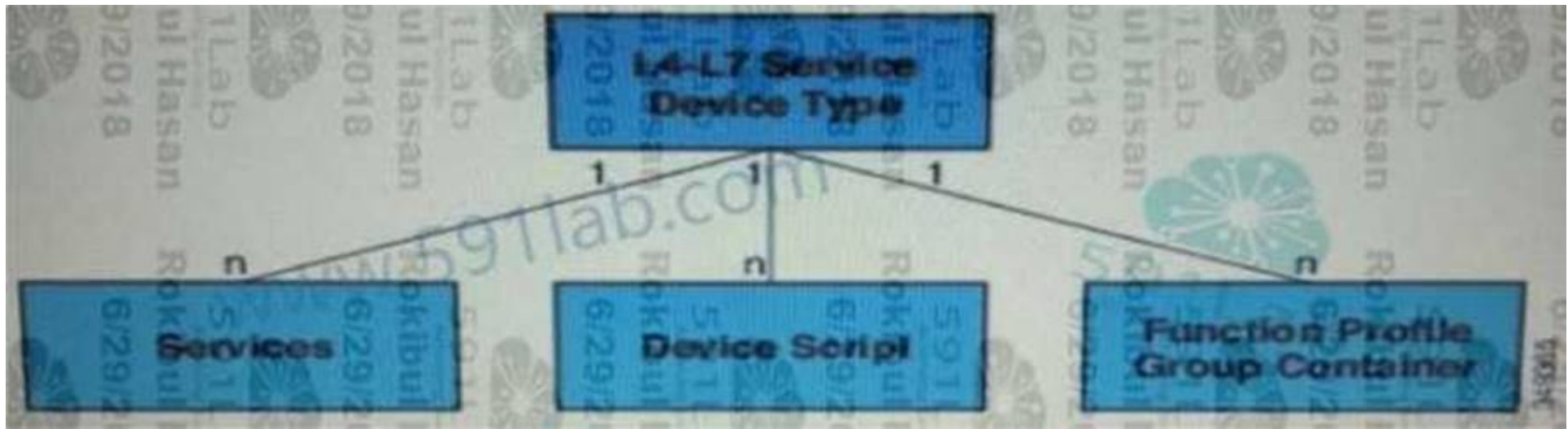
- A goes to C
- B goes to D
- C goes to A
- D goes to B

#### NEW QUESTION 271

DRAG DROP

Refer to the exhibit.





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

services	This object contains meta information about the related attributes of the object including its name, package name, and version.
device script	This object contains all the configurable parameters supported by the device organized into folders.
function profile group container	This MO contains the connector names, encapsulation type, such as VLAN and VXLAN, and any interface labels.

- A. Mastered
- B. Not Mastered

**Answer:** A

**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 273**

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 278**

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 282**

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

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

**Answer:** D

**NEW QUESTION 285**

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 287**

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 292**

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