Cisco 300-170 Exam

Volume: 60 Questions

Question No: 1
You discover that a VLAN is not enabled on a leaf port even though on EPG is provisioned. Which cause of the issue is most likely true?

A. Cisco Discovery protocol is enabled m the interface policy group

B. A VLAN pool is not defined under the associated physical domain

C. The VLAN is not specified in a contract

D. An interface policy must define the VLAN pool

Answer: B

Question No: 2
Which option are L4-L7 devices registered as on a Cisco APIC?

A. one virtual device

B. a cluster

C. one physical device

D. more virtual devices

Answer: B

Question No: 3
Which configuration is needed to extend the EPG out of the Cisco ACI fabric?

A. Create external bridged networks

B. Statically assign a port to EPG

C. Apply a policy between the internal and the external EPG

D. Extend the tenant subnet of the bridge domain out of the fabric

Answer: B

Question No: 4
The behavior of which packet type can be controlled by selecting unicast mode or flood mode in a bridge domain?

A. ARP

B. unknown unicast

C. LLDP

D. CDP

Answer: B

Question No: 5
You deploy a Cisco Nexus 1000V Series Switch that has VXLAN support. You must ensure that baremetal servers and virtual servers can communicate.
Which technology must you implement?

A. Cisco Nexus Cloud Service Platform

B. A-FGX

C. SGT

D. VM-FEX

Answer: D

Question No: 6
You are configuration a group of web servers and you create a contract that uses TCP port 80. Which action allows an external Layer 3 cloud to initiate communication with the EPG that contains the web servers?

A. Configure the EPG as a consumer and L3Out as provider of the contract

B. Configure OSPF to exchange routes between the L3Out and EPG

C. Create a taboo contract and apply it to the EPG

D. Configure the EPG as a provider and L30ut as consumer of the contract.

Answer: D

Question No: 7
Which management interface is selected by the Cisco APIC by default if an in band management interface and an out of-band management interface exist?

A. In-band is preferred

B. The first configured interface is selected

C. The interface that has the highest priority is selected

D. Out-of band is preferred

Answer: D

Question No: 8
Which Cisco APIC health score will be affected if an EPG does not have a Bridge Domain associated with it?

A. spine health

B. leaf health

C. tenant health

D. pod health

Answer: C

Question No: 9
You have a new Cisco Nexus 7000 Series Switch that has only the default VDC configured. Which option describes the default behavior of the physical interfaces on the switch?

A. The physical ports are divided into eight groups and the first group is assigned to the default VDC

B. AJI of the physical ports on the switch are assigned to the default VDC

C. None of the physical ports on the switch are assigned

D. The physical ports are divided into six groups and the first group is assigned to the default VDC

Answer: C

Question No: 10
Which action occurs first when a device that has the POAP feature boots and cannot find the startup configuration?

A. The device locates a DHCP server

B. The device enters POAP mode

C. The device obtains the IP address of a TFTP server

D. The device installs software image and a configuration file

Answer: B

Question No: 11
Refer to the exhibit:

```
n5k(config)#port-profile PGIG
n5k(config-port-prof)#speed 1000
n5k(config-port-prof)#port-profile P10GIG
n5k(config-port-prof)#inherit port-profile PGIG
n5k(config-port-prof)#speed 10000
n5k(config-port-prof)#switch access vlan 100
```

You define the port profiles as shown in the exhibit, and then you assign the PlOGIG port profile to interface el" Which option is the result of this configuration?

A. The speed of the interface is 10 Gbps

B. The speed of the interface is 1 Gbps

C. The interface uses the maximum speed available for the physical interface.

D. The speed of the interface is 100 GbpS

Answer: C

Question No: 12
You must apply a contract to all of the EPGs in a tenant. The solution must ensure that the contract is also applied to any new EPGs that are added to the tenant. Which option must you uses?

A. the QUI

B. the vzAny managed object

C. the REST API

D. a Python script

Answer: B

Question No: 13
A unicast packet enters into the front panel port of a leaf switch. The leaf switch performs a forwarding lookup for the packet destination IP address and has a miss result Assuming default configuration, which statement about what happens next is true'?

A. The packet is sent to the forwarding proxy in the spine switch

B. The packet is dropped on the leaf switch

C. The packet is sent to another leaf switch within the same bridge domain

D. The packet is flooded across the entire fabric because it is an unknown unicast.

Answer: D

Question No: 14
You deploy AVS for Virtual Manager integration and you add a host that has five VMNICs. You must use VXLAN to maximize the load balancing of the traffic inside the fabric. How many VMKNICs must you add?

A. 2

B. 3