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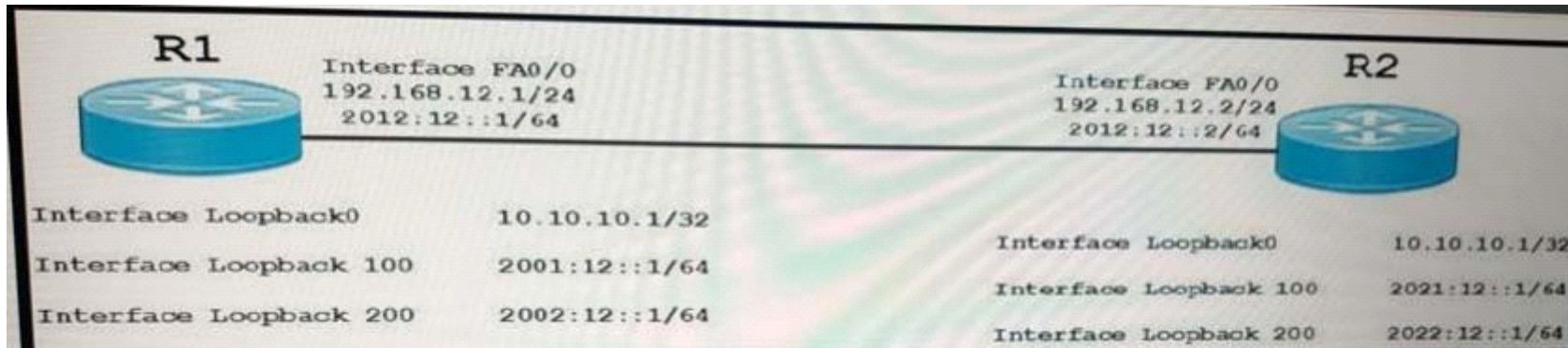
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# Question 1

Question Type: MultipleChoice

Refer to the exhibit.



```
R1#show bgp ipv6 unicast neighbor 192.168.12.2 routes
BGP table version is 5, local router ID is 10.10.10.1
Status codes: s suppressed, d damped, h history, * valid, > best, i - internal,
               r RIB-failure, S Stale
Origin codes: i - IGP, e - EGP, ? - incomplete

   Network          Next Hop           Metric LocPrf Weight Path
*> 2021:12::/64     2012:12::2         0             0 2 i
*> 2022:12::/64     2012:12::2         0             0 2 i

Total number of prefixes 2
R1#show bgp ipv6 unicast summary
BGP router identifier 10.10.10.1, local AS number 1
BGP table version is 5, main routing table version 5
4 network entries using 608 bytes of memory
4 path entries using 304 bytes of memory
10 BGP path/bestpath attribute entries using 372 bytes of memory
```

```
router bgp 1
  bgp router-id 10.10.10.1
  no bgp default ipv4-unicast
  bgp log-neighbor-changes
  neighbor 192.168.12.2 remote-as 2
  neighbor 192.168.12.2 ebgp-multihop 5
  !
  address-family ipv4
    neighbor 192.168.12.2 activate
    no auto-summary
    no synchronization
    network 10.10.10.1 mask 255.255.255.255
  exit-address-family
  !
  address-family ipv6
    neighbor 192.168.12.2 activate
    neighbor 192.168.12.2 route-map IPv6NH out
    network 2001:12::1/64
    network 2002:12::1/64
  exit-address-family
```

Refer to the exhibit. A network engineer must use BGP to route IPv4 and IPv6 routes between R1 and R2. The IPv4 addresses are exchanged as expected between the routers through BGP. The routers have reached an Established BGP state. However, the IPv6 routes from R2 fail to show in the routing table of R1. Which action resolves the issue?

### Options:

---

- A- Create a route map that sets the IPv6 next hop.
- B- Advertise L2VPN EVPN under IPv4 unicast address family
- C- Configure an IPv6 BGP neighbor on R1

D- Enable IPv6 routing on R1

**Answer:**

---

A

## Question 2

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**Question Type:** MultipleChoice

---

Refer to the exhibit.

```
Nexus5k#show system internal vpcm info global | i Sticky|Reload
Sticky Master: TRUE
Reload timer started: FALSE
Reload restore configured: TRUE, timer :240
Nexus5k#
```

Refer to the exhibit. During a maintenance window of the Nexus switch pair, one of the Cisco Nexus chassis was brought offline for maintenance. The primary Cisco Nexus switch was stable during the maintenance window. After finishing the

tasks on the chassis, the administrator wanted to bring the second switch online. The administrator checked the status of the disconnected switch that was removed from the vPC during the maintenance. The engineer must connect the peer chassis seamlessly with the primary vPC peer without experiencing traffic interruption. Which action accomplishes this goal?

**Options:**

---

- A- Change the role priority, then connect the peer switch.
- B- Change the auto recovery to disabled, and enable auto recovery.
- C- Change the auto recovery timer to active if not already set, then re-establish the connectivity.
- D- Change the auto timer to a higher value, then connect the peer switch.

**Answer:**

---

D

## Question 3

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**Question Type:** MultipleChoice

---

Refer to the exhibit.



```
<fvTenant name="Tenant_VOD" >
  <fvAp name="VOD">
    <fvAEPg name="IntraEPGDeny" pcEnfPref="unenforced">
      <fvEsBd tnPvEDName="bd_VOD" />
        <fvRsDonatt tDn="uni/phyDem_VOD" />
        <fvRsPathAtt
tDn="topology/ped-1/paths-1022/pathep-(eth1/22) "
      encap="vlan-10" primaryEncap="vlan-110"
instrImedcy="immediate">
          </fvAEPg>
        </fvAp>
      </fvTenant>
```

Refer to the exhibit. customer reports that all Intra-EPG isolation stopped working within a bare-metal tenant. Postman is running on a machine to get information from the APIC in case of orchestration failure. Which action resolves the issue?.

**Options:**

---

- A- Remove primaryEncap='vlan-110' from the specific port path.
- B- Match encap='vlan-10' and primaryEncap='vlan-110'
- C- Modify the GET command to reference the valid path for the managed object
- D- Change pcEnfPref='unenforced' to pcEnfPref='enforced'.

**Answer:**

---

A

## Question 4

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**Question Type:** MultipleChoice

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Refer to the exhibit.

```
bash-4.3# docker run -d -p 69:69/udp -it cisco/tftp
Unable to find image 'cisco/tftp:latest' locally
docker: Error response from daemon: Get https://registry-1.docker.io/v2/: dial tcp: lookup registry-1.docker.io on [::1]:53: dial udp [::1]:53: connect: cannot assign requested address.
```

An engineer is experiencing a problem when running a Docker container inside the Cisco Nexus 9000 bash shell. Which action resolves the issue?

**Options:**

---

- A- Add a new nameserver
- B- Connect to bash as a different user
- C- Change VRF to management
- D- Configure the mgmt0 interface

**Answer:**

---

A

## Question 5

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**Question Type: MultipleChoice**

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The script fails to convert a JSON variable into a Python dictionary. Which action resolves the issue?



```
import yaml

json_output = '''
{
  "totalCount": "26",
  "imdata": [
    {
      "fvTenant": {
        "attributes" {
          "descr": "",
          "dn": "uni/tn-LuTest",
          "lcOwn": "local",
          "modTs": "2021-01-12T17:30:56.922+00:00",
          "monPolDn": "uni/tn-common/monepg-default",
          "name": "LuTest"
          "uid": "40546834"
        }
      }
    }
  ]
}

json.loads(json_output)

--output omitted--
json.decoder.JSONDecodeError: --output omitted--
```

### Options:

---

- A- Use a `json.dumps(json_output)` function
- B- Define a `json_output` as a YAML object, `yaml json_output`
- C- Fix the JSON syntax by modifying "attribures" to "atribures":
- D- Invoke a function `yaml.loads(json._output ,decoder_"json")`

### Answer:

---

C

## Question 6

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### Question Type: MultipleChoice

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An engineer configures FCoE between a set of ESXi hosts and a Cisco Nexus 5000 Series Switch. The Converged Network Adapter of the host fails to receive the response from the Cisco Nexus device. Also, the VFC interface is in a down state and the FIP adapter fails to receive 802.1q tagged frames. The host interface is configured for VLAN trunking. Which action resolves the issue?

**Options:**

---

- A- Activate the reception of Xoff pause frames from the server
- B- Configure the UF link as a spanning-tree edge port
- C- Enable the active STP port state on the bound Ethernet interface
- D- Set the bound Ethernet trunk interface to non-FCoE native VLAN

**Answer:**

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B

## Question 7

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**Question Type:** MultipleChoice

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Refer to the exhibit.

```
Test-5548-A# sh int fc2/12
sh int fc2/12 is down (NPV upstream port not available)
Hardware is Fibre Channel, SFP is short wave laser w/o OFC (SN)
Port WWN is 20:47:00:0d:ec:a4:3b:80
Admin port mode is F, trunk mode is off
snmp link state traps are enabled
Port vsan is 99
Receive data field Size is 2112
```

An engineer configures the server port on a Cisco Nexus 5000 Series Switch. The switch connects to an NPV edge switch port. The server fails to send the FC traffic to the fabric. Which action resolves the issue?

### Options:

---

- A- Enable the NPIV mode on the Cisco Nexus 5000 switch.
- B- Match the VSAN membership on both ends of the connection.
- C- Configure the BB\_credit buffer on the uplink port.
- D- Replace the SFP in slot fc2/12.

### Answer:

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B

## Question 8

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**Question Type:** MultipleChoice

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A network engineer discovers a DNS resolution problem on a device that is using the Cisco Nexus Bash shell.

The device name is app with an IP address of 10.10.10.1. The primary server IP address is 172.16.10.1 and the secondary server IP address is 172.16.10.2. When the abc.com resolution fails, it should attempt to use efg.com. Which settings must be added to resolv.conf file to resolve the issue?

- A. **search abc.com efg.com**  
**nameserver 172.16.10.1**  
**nameserver 172.16.10.2**
  
- B. **domain lookup abc.com efg.com**  
**hostname 172.16.10.1**  
**hostname 172.16.10.2**
  
- C. **hostname 172.16.10.1, 172.16.10.2**  
**domain list abc.com, efg.com**
  
- D. **domain abc.com**  
**nameserver 172.16.10.1**  
**nameserver 172.16.10.2**

**Options:**

---

- A-** Option A
- B-** Option B
- C-** Option B
- D-** Option D

**Answer:**

---

A

**Explanation:**

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<https://www.cisco.com/c/en/us/support/docs/switches/nexus-9000-series-switches/213959-nx-os-bash-shell-dns-configuration.html>

## Question 9

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**Question Type:** MultipleChoice

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Refer to the exhibit.



```
switch# config t
switch(config)# event manager applet track_int_up
switch(config-applet)# event track 1 state up
switch(config-applet)# action 1 syslog msg EEM applet track_int_down
bringing up port eth1/2 due to eth1/1 being down
switch(config-applet)# action 2 cli interface ethernet 1/2
switch(config-applet)# action 3 cli no shut
switch(config-applet)# end
```

The script fails to bring up Ethernet 1/2 when Ethernet 1/1 goes down. Which change enables the script to run as intended?

### Options:

---

- A- Set the port VLAN
- B- Include an action to manually shut down Ethernet 1/1
- C- Add an action to configure the terminal

**D-** Configure an enable action

**Answer:**

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C

## Question 10

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**Question Type: MultipleChoice**

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When the engineer runs the command, this error is received:

```
opsengineer@wkst1:/home/auto/bash_scripts$ curl --s --b cookie_file_39422186.txt --X GET --k  
192.15.132.101/api/node/class/Tenant.json {"totalCount":"1","imdata":[{"error":{"attributes":{"code":"400","text":"Request failed, (output  
omitted)}}}]}
```

Which action resolves the issue?

**Options:**

---

**A-** Regenerate the API token object

- B-** Modify the URI to 192.15.132.101/api/node/class/fvTenant.json
- C-** Add the --c class Tenant flag to the cURL command
- D-** Change the HTTP verb to POST

**Answer:**

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B

**Explanation:**

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<https://www.ciscolive.com/c/dam/r/ciscolive/emea/docs/2019/pdf/DEVNET-2000.pdf>

## Question 11

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**Question Type: MultipleChoice**

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A system administrator connects a Cisco Nexus 2248PQ FEX to a fabric interconnect to expand the ports that are available for connecting Cisco UCS C-Series Rack Servers. In Cisco UCS Manager, the administrator does not see the servers connected to this FEX. Which action should be taken to resolve the issue?

### Options:

---

- A- The FEX must be exchanged so that it supports the connectivity between fabric interconnects and UCS CSeries servers
- B- The fabric interconnects must be rebooted before the FEX is recognized
- C- The transceivers must be exchanged to support the connectivity between the FEX and the fabric interconnects
- D- The ports that connect the FEX to the fabric interconnects must be configured as server ports

### Answer:

---

D

## Question 12

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### Question Type: MultipleChoice

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A network engineer is implementing the Cisco ACI Fabric and notices that the Leaf-1 switch is registered, has an assigned name, but is displayed as inactive in the APIC. After further investigation, it became clear that the leaf switch was recently moved from another Cisco ACI environment. Which action resolves the problem?

### Options:

---

- A- Clean reload the Leaf-1 switch
- B- Define the new TEP address for Leaf-1
- C- Change the clock offset from low to high between apic 1 and Leaf-1
- D- Modify the ISIS interface peering IP address between apic 1 and Leaf-1

### Answer:

---

B

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