

300-615^{Q&As}

Troubleshooting Cisco Data Center Infrastructure (DCIT)

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QUESTION 1

Refer to the exhibit.

```
event manager applet looback_online override -BootupPortLoopback
  action 1 syslog priority notifications msg "Switch Online"
  action 2 policy-default
```

The EEM script overrides all events in the system policy. What should be added to the script to resolve the issue?

- A. event statement
- B. environment variable
- C. event-default action statement
- D. configure terminal action

Correct Answer: A

QUESTION 2

Refer to the exhibit.

```
vlan 100
fcoe vsan 200

interface ethernet 1/1
  switchport
  switchport access vlan 100
  spanning-tree port type edge
  mtu 9216
  no shutdown
```

An attempt to bind the Ethernet interface to vFC fails. Which action resolves the issue?

- A. Add the FCoE VLAN to the allowed VLAN list.
- B. Configure the FCoE VLAN that corresponds to the vFC VSAN as a private VLAN.
- C. Configure the interface as a trunk port.
- D. Configure the interface to use the native VLAN of the trunk port.

Correct Answer: C

QUESTION 3

Refer to the exhibit.

```
vrf context BLUE
  address-family ipv4 unicast
  route-target export 65000:65000
vrf context RED
  address-family ipv4 unicast
  route-target import 65000:65000
|
interface Vlan1000
  no shutdown
  vrf member RED
  no ip redirects
  ip address 10.10.1.254/24
|
ip prefix-list RED_TO_BLUE_PL seq 5 permit 10.10.1.254/24
|
route-map RED_TO_BLUE_RM permit 10
  match ip address RED_TO_BLUE_PL
  set community 65500:65000
|
router bgp 65000
  log-neighbor-changes
  address-family ipv4 unicast
  vrf RED
    router-id 10.255.255.255
    address-family ipv4 unicast
      redistribute direct route-map RED_TO_BLUE_RM
|
```

The expected routes are not being leaked as expected from VRF RED to VRF BLUE. Which action resolves the issue?

- A. Include the "le 32" knob under the RED_TO_BLUE_ACL prefix list.
- B. Change the route targets under the VRFs.
- C. Configure VRF BLUE under the BGP configuration.
- D. Set the community to 65000:65000 under the route map.

Correct Answer: D

QUESTION 4

Refer to the exhibit.

```
FC0001# show zone active
zone name hba1_VN0001 vsan 3201
  fcid 0x970209 [pwwn 50:ab:0b:00:00:c2:8f:de]
* fcid 0x970102 [pwwn 20:ba:00:a0:98:3b:6f:d8]

zone name hba1_VN0002 vsan 3201
* fcid 0x970200 [pwwn 50:ab:0b:00:00:c2:8a:67]
  fcid 0x9700c2 [pwwn 20:ba:00:a0:98:3b:61:99]
```

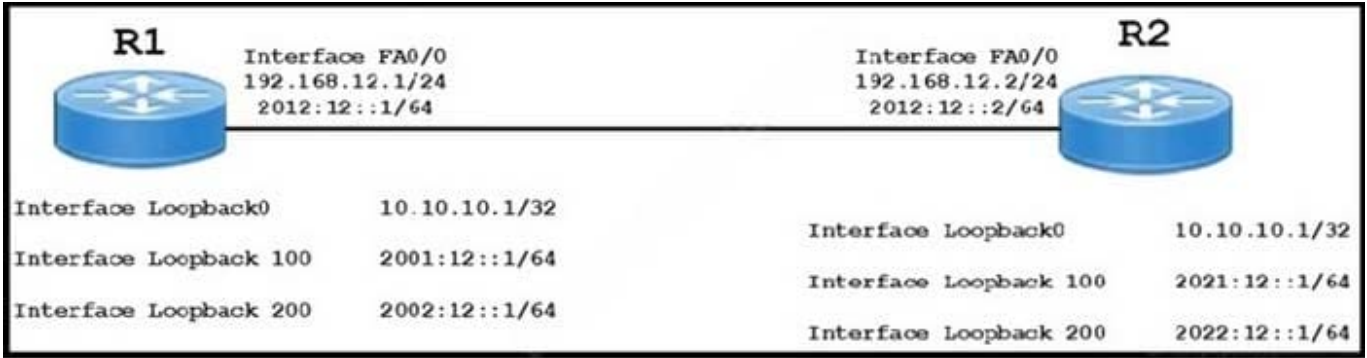
The initiator that has FC ID 0x970102 fails to communicate with the target that has FC ID 0x970200. Which action resolves the issue?

- A. Reconfigure the initiator and the target to be in the same zones.
- B. Reactivate the zoneset.
- C. Reset the port for FC ID 0x970102 and FC ID 0x970200 to log in to the fabric.
- D. Reset the port for FC ID 0x970209 and FC ID 0x9700c2 to log in to the fabric.

Correct Answer: B

QUESTION 5

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
3/2 BGP path/bestpath attribute entries using 372 bytes of memory
1 BGP AS-PATH entries using 24 bytes of memory
0 BGP route-map cache entries using 0 bytes of memory
0 BGP filter-list cache entries using 0 bytes of memory
Bitfield cache entries: current 1 (at peak 1) using 32 bytes of memory
BGP using 1340 total bytes of memory
BGP activity 6/0 prefixes, 6/0 paths, scan interval 60 secs

Neighbor      V   AS MsgRcvd MsgSent  TblVer  InQ OutQ Up/Down  State/PfxRcd
192.168.12.2  4   2     9      9       5     0   0 00:04:25      2
R1#
    
```



```
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
```

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?

- 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

Correct Answer: A

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