350-601 Q&As

Implementing and Operating Cisco Data Center Core Technologies (DCCOR)

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QUESTION 1

An engineer must configure a Nexus 7000 series switch for HSRP on VLAN 100. When fully functional, the router must be the active master.

Which set of commands must be used to implement the scenario?ario?

A. feature hsrp interface vlan100 ip address 10.1.1.2 255.255.255.0 priority 255 preempt hsrp version 2 hsrp 1000 ip 10.1.1.1

B. feature-set hsrp interface vlan100 ip address 10.1.1.2 255.255.255.0 priority 20 preempt hsrp version 2 hsrp 1000 ip 10.1.1.1

C. feature-set hsrp interface vlan100 ip address 10.1.1.2 255.255.255.0 priority 80 preempt hsrp version 2 hsrp 1000 ip 10.1.1.1

D. feature hsrp interface vlan100 ip address 10.1.1.2 255.255.255.0 priority 240 preempt hsrp version 2 hsrp 1000 ip 10.1.1.1

Correct Answer: A

Reference: https://www.google.com/search?q=hsrp+priorityandoq=hsrp+priorityandaqs=chrome..69i57j0l2j0i20i263i395j0i395l6.5307j1j4andsourceid=chromeandie=UTF-8

QUESTION 2

Which two actions are needed to configure a single Cisco APIC controller for Cisco ACI fabric for the first time? (Choose two.)

A. Register the APIC that is connected to the switch.

B. Configure the first Cisco APIC controller

C. Configure the leaf switch where the Cisco APIC is connected, using CLI to allow APIC connectivity

D. Register the switches that are discovered through LLDP.

E. Register all leaf and spine switches

Correct Answer: BE

QUESTION 3

Which FC mode is the device MDS-9148S-2 operating in?

```
MDS-9148S-2# show interface port-channel 2
port-channel 2 is up
    Hardware is Fibre Channel
    Port WWN is 24:02:8c:60:4f:2d:de:c0
    Admin port mode is NP, trunk mode is off
    snmp link state traps are enabled
    Port mode is NP
    Port vsan is 11
    Speed is 16 Gbps
    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
      1160983754 frames input, 140497639680 bytes
      0 discards, 0 errors
      0 CRC, 0 unknown class
      0 too long, 0 too short
      90139726 frames output, 8743553423232 bytes
```

A. FDISC

B. NPV

C. NPIV

D. FPMA

Correct Answer: B

Device is a npv edge device: NP port connects to a F port on the core

QUESTION 4

An engineer must implement protection against ICMP DoS attacks on a Cisco Nexus 9000 Series Switch. The requirement is to rate-limit ICMP without denying all other ICMP traffic. The ICMP trafic currently passing through the Cisco Nexus 9000 device must not be affected. Which configuration accomplishes these goals?

A. Configure SNMP traps to send the ICMP notification if the CPU utilization is more than 90%.

B. Reconfigure the Layer 3 interfaces to be in the non-default VRF and ICMP broadcast storm control

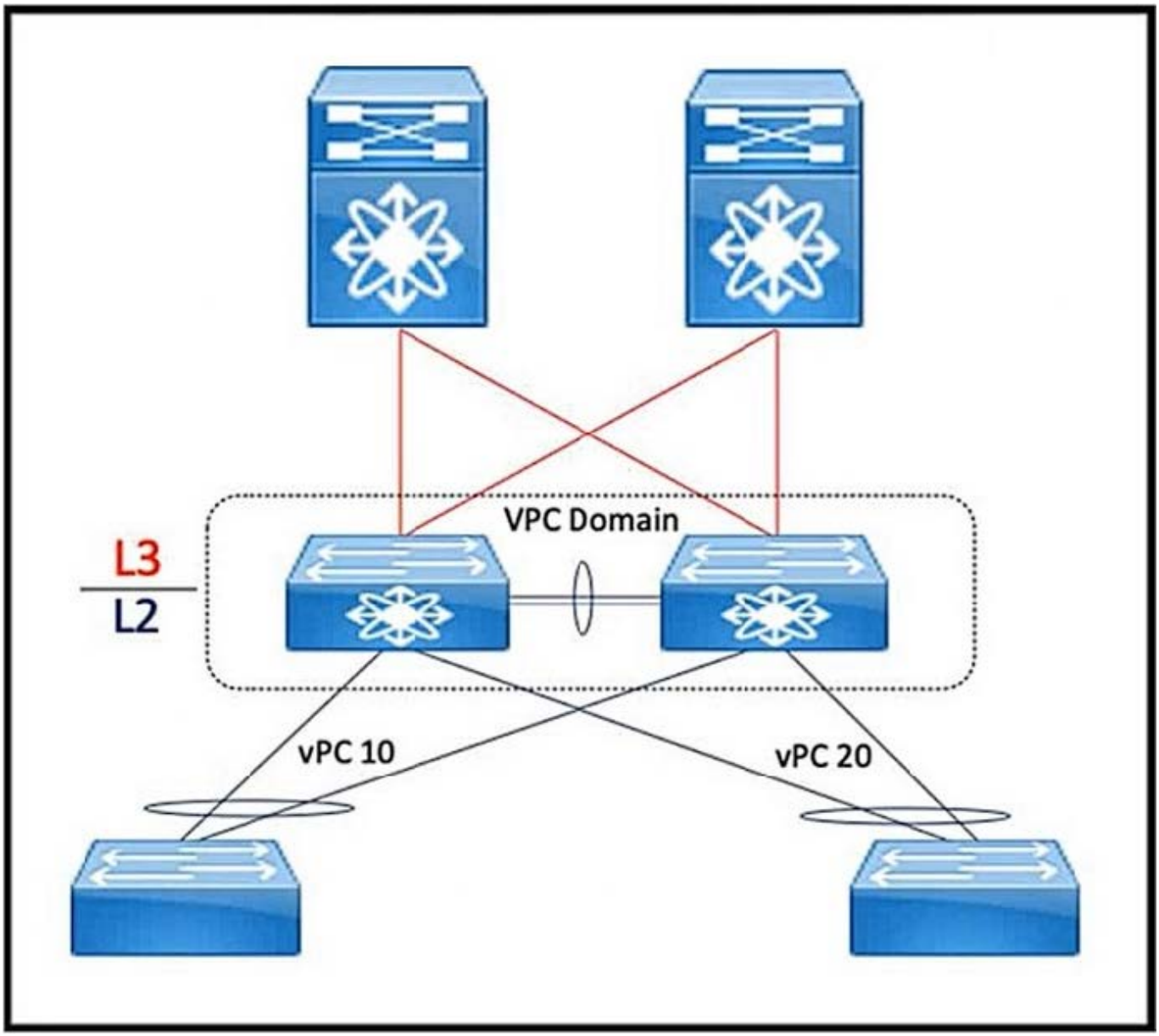
C. Create an access list to deny ICMP traffic and apply it to all interlaces in the inside direction.

D. Apply a control plane service policy that matches all ICMP traffic to drop the traffic fiat exceeds the threshold.

Correct Answer: D

QUESTION 5

Refer to the exhibit.



A network engineer must Improve the convergence time during vPC primary peer device failure and recovery. Which set of actions is required on both vPC switches to accomplish this task?

A. Configure the same system priority. Enable LACP toward the access switches.

B. Configure the same STP priority. Enable the peer-switch feature.

C. Configure vPC role priority. Enable the peer-gateway feature.

D. Configure port channels with BPDU guard. Globally enable the loop guard feature.

Correct Answer: B

vPC Peer Switch

The vPC peer switch feature was added to Cisco NX-OS to address performance concerns around STP convergence. This feature allows a pair of Cisco Nexus 9000 Series devices to appear as a single STP root in the Layer 2 topology. This

feature eliminates the need to pin the STP root to the vPC primary switch and improves vPC convergence if the vPC primary switch fails.

To avoid loops, the vPC peer link is excluded from the STP computation. In vPC peer switch mode, STP BPDUs are sent from both vPC peer devices to avoid issues related toSTP BPDU timeout on the downstream switches, which can

cause traffic disruption.

This feature can be used with the pure peer switch topology in which the devices all belong to the vPC.