



ITTEST

QUESTION & ANSWER

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Exam : **300-615**

Title : Troubleshooting Cisco Data
Center Infrastructure (DCIT)

Version : DEMO

1.Refer to the exhibit.

```
Booting kickstart image: bootflash:/nxos.7.0.3.I7.4.bin
CardIndex = 11056

Couldn't read file. Expected 392e9000 Got ffffffff
File does not exist, boot failed.

error: Vendor info. Expected 1024 Read-1

loader>
```

A network engineer upgrades the firmware of a Cisco Fabric Interconnect from boot flash. During the process, the fabric interconnect reboots and displays the message shown in the exhibit.

Which action resolves the issue?

- A. Remove the service pack and upgrade through the auto-install procedure
- B. Reset the I/O module and install the firmware image from the boot flash
- C. Boot the kickstart image from boot flash and load the system image
- D. Reload the switch and boot the kickstart image from the TFTP server

Answer: D

2.An engineer is troubleshooting a failed DCBX exchange between a server and a Cisco Nexus switch.

Which action allows DCBX to successfully negotiate?

- A. Enable ETS
- B. Enable PFC.
- C. Enable Cisco Discovery Protocol.
- D. Enable LLDP.

Answer: D

3.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`

- A. Option A
- B. Option B
- C. Option B
- D. Option D

Answer: A

Explanation:

Reference:

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

4.Refer to the exhibit.

The exhibit consists of two screenshots from the Cisco Integrated Management Controller (CIMC) interface. The top screenshot shows the 'Physical Drives' section. It contains a table with the following data:

Physical Drives	Status	Controller	Card Type	Card Mode	Health	Sync Mode	Slot Number
SLOT-1	present	FlexFlash-0	FX3S configured	mirror-primary	healthy	manual	SLOT-1
SLOT-2	missing	FlexFlash-0	NA	NA	NA	NA	SLOT-2

The bottom screenshot shows the 'Virtual Drives' section. It contains a table with the following data:

Virtual Drive	ID	Drive Scope	Size	Drive Status	Host Accessible	Drive Type	Operation in Progress
Hypervisor	1	Raid	30432 MB	Degraded	Connected	Removable	NA

During implementation of a Cisco UCS C-Series Server, an engineer receives the status that is shown in the exhibit.

Which action resolves the issue.

- A. Reconfigure the Drive Type from "Removable" to "Non-Removable"

- B. Insert an SD card into SLOT-2
- C. Configure the RAID that is associated with the card.
- D. Set SLOT-1 Sync Mode to "Auto"

Answer: D

5.Refer to the exhibit.

```
SWITCH-VTEP-1

interface loopback0
  ip address 10.200.200.1/32
  ip address 10.100.100.1/32 secondary
  ip router ospf 1 area 0.0.0.0
  ip pim sparse-mode

vpc domain 10
  peer-switch
  peer-keepalive destination 10.1.1.3 source 10.1.1.4

SWITCH-VTEP-2

interface loopback0
  ip address 10.200.200.2/32
  ip address 10.100.100.1/32 secondary
  ip router ospf 1 area 0.0.0.0
  ip pim sparse-mod

vpc domain 10
  peer-switch
  peer-keepalive destination 10.1.1.4 source 10.1.1.3
```

One of the vPC VTEPs fails to route VXLAN traffic to vPC connected hosts. When the issue was being diagnosed, it was discovered that the packets that were expected to be forwarded to the MAC address on the SWITCH-VTEP-1 are instead forwarded to the MAC address on SWITCH-VTEP-2 and then dropped. Which action resolves the issue?

- A. Configure a distributed anycast gateway on both peers
- B. Configure ip arp synchronize under the VPC domain on both peers
- C. Configure peer-gateway under the VPC domain on both peers
- D. Configure a different secondary IP address for one of the vPC peers

Answer: B

Explanation:

Reference:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/command/reference/vpc/n5k-vpc-cr/n5k-vpc_cmds_i.html#:~:text=a%20port%20profile.-,ip%20arp%20synchronize,no%20form%20of%20this%20command.