

Cisco

Exam Questions 300-615

Troubleshooting Cisco Data Center Infrastructure (DCIT)



NEW QUESTION 1

The Cisco Nexus switch is connected to a peer switch that is not running Cisco NX-OS. The switches are connected using port channel and are experiencing packet loss. Which action should be performed on the Cisco Nexus switch ports to resolve this issue?

- A. Turn on lACP suspend-individual.
- B. Turn on lACP graceful-convergence.
- C. Turn off lACP graceful-convergence.
- D. Turn off lACP suspend-individual.

Answer: C

NEW QUESTION 2

Refer to the exhibit. The HSRP configuration in the exhibit fails to function. Which action resolves this issue?

- A. Enable IP redirects.
- B. Set the MTU to 1500 bytes.
- C. Configure HSRP version 2.
- D. Configure the same HSRP group on both devices.

Answer: A

NEW QUESTION 3

Refer to the exhibit. A network engineer has connected the Nexus switch management port to the Internet using DHCP to allow the Guest shell running on the switch to download Python packages. The engineer can ping google.com successfully from the Nexus switch, but the Guest shell failed to download any Python packages. Which action resolves the problem?

- A. Update the Python packages on the Cisco Nexus switch directly.
- B. Manually configure DNS in the Guest shell, even if it is claimed on the Cisco Nexus switch through DHCP.
- C. Manually configure NTP in the Guest shell.
- D. Connect Guest shell to data plane interfaces to be able to connect to the networks outside the Cisco Nexus switch.

Answer: B

NEW QUESTION 4

```
switch1# show vpc brief
Legend:
(*) - local vPC is down, forwarding via vPC peer-link

vPC domain id : 500
Peer status : peer link is down
vPC keep-alive status : Suspended (Destination IP not reachable)
Configuration consistency status : success
vPC role : secondary, operational primary
Number of vPCs configured : 4
Peer Gateway : Disabled
Dual-active exluded VLANs : -

vPC Peer-link status
-----
id  Port  Status  Active  vlans
---  ----  -
1  Po500  down  -

switch2# show vpc brief
Legend:
(*) - local vPC is down, forwarding via vPC peer-link

vPC domain id : 20
Peer status : peer link is down
vPC keep-alive status : Suspended (Destination IP not reachable)
Configuration consistency status : success
vPC role : secondary, operational primary
Number of vPCs configured : 4
Peer Gateway : Disabled
Dual-active exluded VLANs : -

vPC Peer-link status
-----
id  Port  Status  Active  vlans
---  ----  -
1  Po500  down  -
```

Refer to the exhibit. vPC between switch1 and switch2 is not working. Which two actions are needed to fix the problem? (Choose two.)

- A. Match vPC domain ID between the two devices.
- B. Configure IP address on the interface.
- C. Activate VLANs on the vPC.
- D. Configure vPC peer link and vPC peer keepalive correctly.
- E. Configure one of the switches as primary for the vPC.

Answer: AC

NEW QUESTION 5

```
Nexus7K-1# show configuration interface
vlan50
interface Vlan50
  no shutdown
  ip address 10.35.164.2/25
  hsrp version 2
  hsrp 50
    preempt
    priority 150
    ip 10.35.164.1

Nexus7K-2# show configuration interface
vlan50
interface Vlan50
  no shutdown
  ip address 10.35.164.3/25
  hsrp 50
    preempt
    priority 50
    ip 10.35.164.1
```

Refer to the exhibit. HSRP adjacency fails to form between Nexus7K-1 and Nexus7K-2. Which action should be taken to solve the problem?

- A. Configure preempt on one of the switches in the HSRP group.
- B. Configure the same HSRP priority between the two switches.
- C. Configure the correct subnet mask on Nexus7K-1.
- D. Configure HSRP version 2 on Nexus7K-2.

Answer: D

NEW QUESTION 6

DRAG DROP

Drag and drop the Cisco UCS SNMP fault types from the left onto the correct issues on the right.

Select and Place:

connectivity	A server discovery fails.
environment	An adapter is unreachable.
operational	A voltage issue is detected.
server	A service profile is unable to associate.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

connectivity	operational
environment	connectivity
operational	environment
server	server

NEW QUESTION 7

An engineer must replace a failed memory on a Cisco UCS B-Series Blade Server. After the replacement was done, the server has a “resolve slot” warning. Which server maintenance action resolves the issue?

- A. Perform diagnostic interrupt on the server.
- B. Re-acknowledgement the server.
- C. Reset the server.
- D. Decommission the server.

Answer: B

NEW QUESTION 8

Refer to the exhibit. A new Cisco Nexus 5548 Switch connects to a network. SAN switching is configured on the switch. The switch fc2/10 NP uplink is shown in the exhibit. Which action ensures that fc2/10 is in an up state?

- A. Replace the SFP port module in fc2/10.
- B. Configure the admin port type E on the upstream switch that connects the port.
- C. Enable NPIV on the upstream switch that connects the port.
- D. Configure the BB_credit buffers on the upstream switch that connects the port.

Answer: C

NEW QUESTION 9

A server fails to boot from the operating system after a RAID1 cluster migration. The RAID remains in an inactive state during and after a service profile association. Which action resolves the issue?

- A. Configure the SAN boot target in the service profile.
- B. Configure the SAN boot target to any configuration mode.
- C. Use a predefined local disk configuration policy.
- D. Remove the local disk configuration policy.

Answer: C

NEW QUESTION 10

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

NEW QUESTION 10

Refer to the exhibit. A network engineer configures an EEM script to get a syslog notification after a configuration change. This message appears when the engineer must make a new configuration to this switch. Which configuration did the engineer neglect to apply in the script for it to function properly?

- A. event cli match 'configure terminal'
- B. event policy-default count 1 time 100
- C. event syslog occurs 10
- D. action 2.0 event-default

Answer: D

NEW QUESTION 14

DRAG DROP

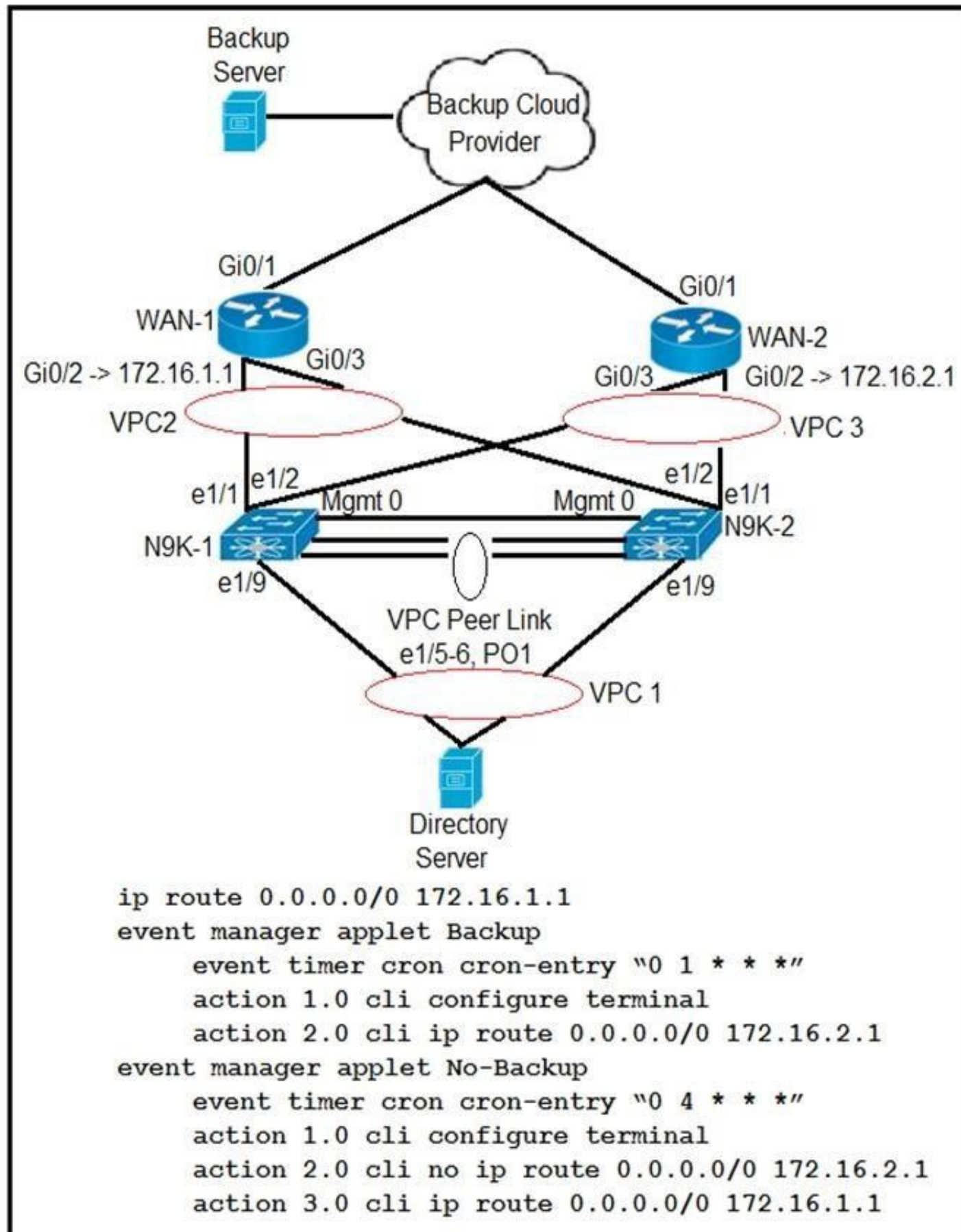
Drag and drop the commands from the left onto the correct categories on the right.

Select and Place:

- A. Mastered
- B. Not Mastered

Answer: A

NEW QUESTION 16



• Refer to the exhibit. Partial configuration from N9K-1 and N9K-2 is included. The client has two WANs connected. WAN-1 is for normal business-day activities.
 • WAN-2 is for server backups during nonworking hours of 1:00 a.m. to 5:00 a.m. daily.
 The client says that at the scheduled time for backup, the data center server failed to use the WAN-2 link to back up the servers to the cloud backup system. What is the solution to this problem?

- A. The event timer must be written in epoch time format.
- B. The Cisco Nexus switch must be configured with one applet because a configuration with two applets will fail.
- C. The Cron entry must be configured without double quotes.
- D. The applet called "Backup" must include an action to remove the current static route.

Answer: D

NEW QUESTION 18

```

switch# guestshell resize cpu 4
Note: System CPU share will be resized on Guest shell enable
  
```

Refer to the exhibit. After the configuration is performed, guestshell continues to use 2%CPU. Which action resolves the issue?

- A. Resync the database
- B. Recreate the guestshell
- C. Reboot the guestshell
- D. Reboot the switch

Answer: C

NEW QUESTION 22

An engineer is troubleshooting a custom AV pair that was created by a client on an external authentication server to map a read-only role for a specific security domain. Which AV pair solves the problem?

- A. shell:domains=Security_Domain_1//Read_Role_1|Read_Role_2
- B. shell:domains=Security_Domain_1/Write_Role_1|Read_Role_2
- C. shell=Security_Domain_1/Read_Role_1|Read_Role_2
- D. shell:domains=Security_Domain_1/Read_Role_1|Read_Role_2

Answer: A

NEW QUESTION 27

Refer to the exhibit. Cisco UCS Manager is being upgraded using the Auto Install feature, but the FSM fails. Which action resolves the issue?

- A. Acknowledge the primary fabric interconnect.
- B. Remove the service pack from the subordinate fabric interconnect.
- C. Clear the startup version of the default infrastructure pack.
- D. Upgrade the firmware of the infrastructure firmware by using the force option.

Answer: C

NEW QUESTION 29

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