

Cisco

Exam Questions 300-170

DCVAI Implementing Cisco Data Center Virtualization and Automation (DCVAI)



NEW QUESTION 1

Which type of server is needed to provide POAP with a configuration script?

- A. DHCP
- B. SCP
- C. FTP
- D. TFTP

Answer: D

NEW QUESTION 2

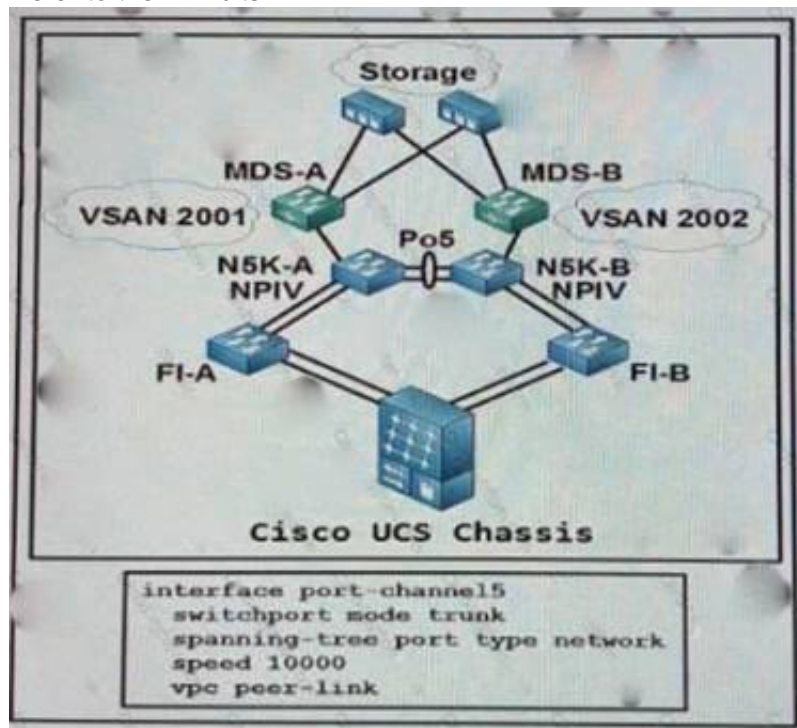
You have a VSM that experiences a failure. Which two options are results of the failure? (Choose two)

- A. CLI access to the virtual switch continues to work without any interruption
- B. VEM stops working
- C. Traffic forwarding stops for a short period of time and then continues to work normally
- D. Traffic forwarding continues to work without any interruption
- E. VMware vMotion stops working

Answer: BE

NEW QUESTION 3

Refer to the Exhibits.



The blade server has two HBAs. How many WWPN targets on VSAN 2001 are accessible to the blade server?

- A. 1
- B. 2
- C. 3
- D. 4

Answer: D

NEW QUESTION 4

In which configuration ate atomic counters supported?

- A. endpoint-to-external IP address
- B. endpoints in different VRFs
- C. endpoint-to-EPG policy in Layer 2 scenario
- D. endpoints in different tenants

Answer: A

NEW QUESTION 5

Which two Cisco UCS components require drivers? (Choose two)

- A. FNIC
- B. BIOS
- C. CIMC
- D. board controller
- E. ENIC

Answer: AE

NEW QUESTION 6

Refer to the exhibit.

```
apic# configure
apic(config)# vmware-domain cisco
apic(config-vmware)# configure-avs
apic(config-vmware-avs)# firewall mode enable
```

What is the result of the configuration?

- A. It enforces the distributed firewall.
- B. It requires a reboot of the Cisco APIC before enabling the firewall rules
- C. It removes firewall information from the Cisco AVS.
- D. It monitors all the TCP traffic without enforcing the firewall rules.

Answer: A

NEW QUESTION 7

You are deploying L4-L7 services within Cisco Application Centric Infrastructure You need to modify an existing service graph. Where do you configure this?

- A. under the provider EPG
- B. on a connector within a service graph
- C. on a function profile within a service graph
- D. on a terminal node within a service graph

Answer: A

Explanation:

<http://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-734298.html>

NEW QUESTION 8

You discover that a VLAN is not enabled on a leaf port even though on EPG is provisioned. Which cause of the issue is most likely true?

- A. Cisco Discovery protocol is enabled in the interface policy group
- B. A VLAN pool is not defined under the associated physical domain
- C. The VLAN is not specified in a contract
- D. An interface policy must define the VLAN pool

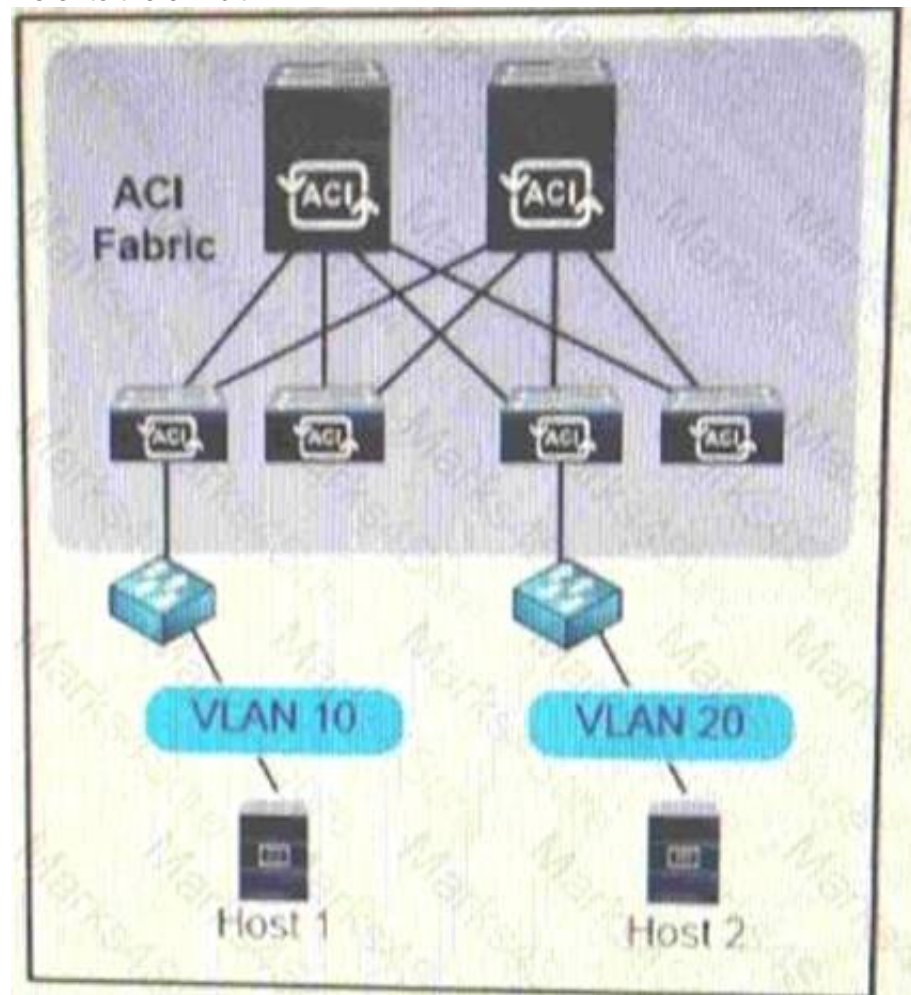
Answer: B

Explanation:

http://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/basic-config/b_ACI_Config_Guide/b_ACI_Config_Guide_chapter_0101.pdf

NEW QUESTION 9

Refer to the exhibit.



Which action do you take to ensure that both endpoints are within the same subnet?

- A. Stitch the two VLANs by using an attachable entity profile.
- B. Normalize the encapsulation by using the Same bridge domain.
- C. Normalize the encapsulation by using the same VRF

D. Stitch the two VL ANs by using an application network profile.

Answer: A

NEW QUESTION 10

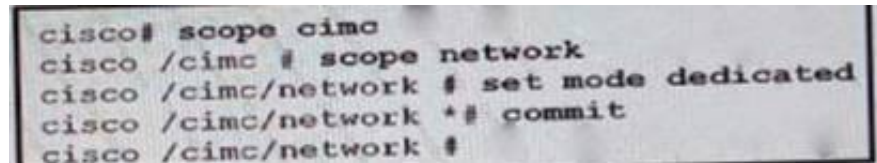
Which option must be defined to apply a configuration across a potentially large number of switches in the most scalable way?

- A. a configuration policy
- B. a group policy
- C. an interface policy
- D. a switch profile

Answer: D

NEW QUESTION 10

Refer to the exhibit.



```
cisco# scope cmc
cisco /cmc # scope network
cisco /cmc/network # set mode dedicated
cisco /cmc/network # commit
cisco /cmc/network #
```

Which port is used for communication between the server and the Cisco Integrated Management Controller?

- A. ports on the adapter card
- B. management Ethernet port
- C. LAN on the motherboard port
- D. fabric uplink port

Answer: C

NEW QUESTION 15

When connecting to an external Layer 3 network, which two dynamic routing protocols can be used? (Choose two)

- A. RIPv2
- B. EIGRP
- C. VXLAN
- D. IS-IS
- E. OSPF

Answer: AB

NEW QUESTION 18

Which action does a VEM on a Cisco Nexus 1000V Series Switch take when an untagged packet is received on an access port?

- A. It adds the ports access VLAN to the packet.
- B. It adds a native VLAN tag to the packet.
- C. It drops the packet.
- D. It forwards the packet as is.

Answer: A

NEW QUESTION 21

When configuring port profiles on a Cisco Nexus 5000 Series switch, which two statements are true? (Choose two.)

- A. If a conflict occurs when a range of interfaces inherits a second port profile, the commands of the initial port profile override the commands of the second port profile.
- B. If a conflict occurs, commands that you enter the interface mod take precedence over profile commands.
- C. When an interface has a port profile applied to it, no other conflicting configuration can be applied to that interface.
- D. If a conflict occurs when a range of interface inherits a second port profile, the commands of the second port profile override the commands of the initial port profile.
- E. If a conflict occurs, port profile takes precedence over commands that you enter under the interface mode.

Answer: BD

NEW QUESTION 25

When configuring the SVS Domain in Layer 2 mode in the Cisco Nexus 1000v, which three parameters are required? (Choose three)

- A. port profile
- B. control VLAN
- C. domain ID
- D. attribute
- E. packet VLAN
- F. port group

Answer: BCE

NEW QUESTION 30

You must apply a contract to all of the EPGs in a tenant. The solution must ensure that the contract is also applied to any new EPGs that are added to the tenant. Which option must you use?

- A. the GUI
- B. the vCenter managed object
- C. the REST API
- D. a Python script

Answer: B

NEW QUESTION 35

Which Cisco APIC health score will be affected if an EPG does not have a Bridge Domain associated with it ?

- A. spine health
- B. leaf health
- C. tenant health
- D. pod health

Answer: C

Explanation:

http://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/Operating_ACI/guide/b_Cisco_Operating_ACI/b_Cisco_Operating_ACI_chapter_01010.pdf

NEW QUESTION 36

You must define a workload using Cisco UCS Manager. Drag and drop the workload definition task from the left into the correct order on the right.

Configure a server policy.	step 1
Configure a service profile template.	step 2
Configure the adapters.	step 3
Define an organizational hierarchy.	step 4
Define the pools.	step 5

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1 —define org hie
 Step 2 —define pools
 Step 3 —configure adap
 Step 4—configure server policies
 Step 5—configure server profiles temp

NEW QUESTION 38

You plan to deploy Cisco ACI. You must provide the proper device package to integrate the Cisco APIC and the L4-L7 device of a vendor Where can you get the package?

- A. technical support of the vendor
- B. the APIC repository
- C. the Cisco ACI webpage
- D. Cisco TAC support

Answer: A

NEW QUESTION 43

Which Cisco technology addresses management and performance concerns in a data center by unifying physical and virtual switch management?

- A. VSO
- B. SVM
- C. VM-FEX
- D. AVS

Answer: C

NEW QUESTION 45

Which feature allows firewall ACLs to be configure automatically when new endpoint are attached to an EPG?

- A. ARP network gleaning
- B. network stitching
- C. dynamic endpoint attach
- D. hardware proxy

Answer: C

NEW QUESTION 46

Refer to the exhibit

```
CCNP_LEAF1# show mac address-table
Legend:
  * - primary entry, G - Gateway MAC, (R) - Routed MAC, O - Overlay MAC
  age - seconds since last seen, + - primary entry using vPC Peer-Link,
  (T) - True, (F) - False
```

VLAN	MAC Address	Type	age	Secure	NTFY	Ports/SWID.SSID.LID
* 14	0045.8834.16f6	dynamic	-	F	F	eth1/11
* 14	0045.8834.b4b4	dynamic	-	F	F	eth1/11

You are verifying connectivity within a leaf device You attempt to connect to a destination server in VLAN 17, and you then run the show mac address-table command as shown Why does the show mac address-table output show a different VLAN?

- A. The wrong AEP is attached to the leaf ports
- B. The VLAN configuration on the leaf switch is incorrect
- C. The VLAN ID shown is used for identification and internal mapping within the ACI leaf
- D. When traffic appears, the Cisco ACI marks ports with VLAN 17

Answer: A

NEW QUESTION 47

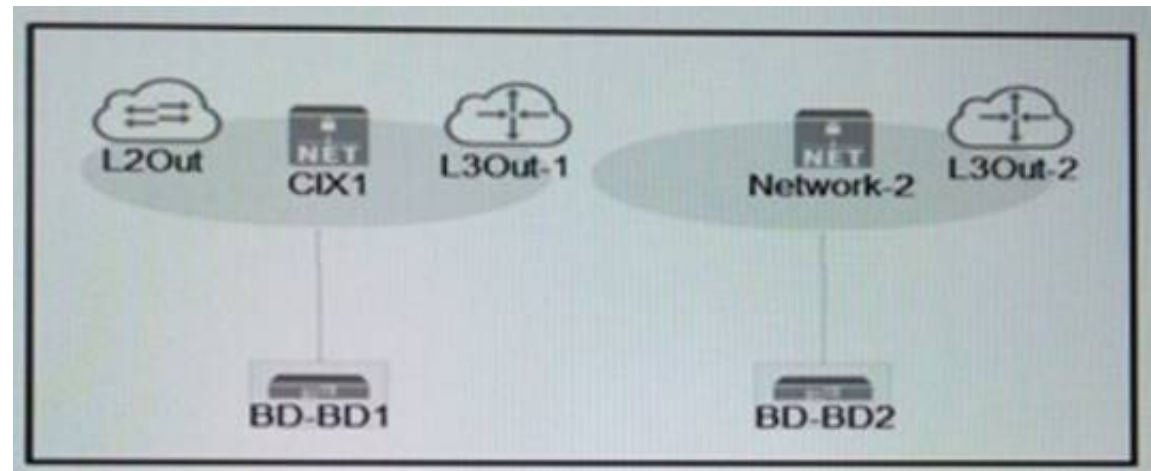
Which statement about POAP licensing correctly describes temporary licensing?

- A. Temporary licensing is invoked by using the license grace-period command
- B. Temporary licensing is enabled automatically and is valid for 60 days
- C. Temporary licensing is invoked by using the license Install command
- D. Temporary licensing is enabled automatically and is valid for 30 days

Answer: A

NEW QUESTION 51

Refer to the exhibit:



For which option is the L3OUT-1 connection used?

- A. bridge domain BD2
- B. private network CIX1
- C. private network Network-2
- D. bridge domain BD1

Answer: A

NEW QUESTION 54

Which two options are benefits of using the configuration synchronization feature? (Choose two)

- A. It supports the feature command
- B. It Supports existing session and port profile functionality
- C. It can be used by any Cisco Nexus switch
- D. It merges configurations when connectivity is established between peers
- E. It supports FCoE in vPC topologies

Answer: BD

NEW QUESTION 56

You deploy AVS for Virtual Manager integration and you add a host that has five VMNICs. You must use VXLAN to maximize the load balancing of the traffic inside the fabric. How many VMKNICs must you add?

- A. 2
- B. 3
- C. 4
- D. 8

Answer: C

NEW QUESTION 58

Which statement about policy based redirect In an ACI fabric is true?

- A. It allows unmanaged nodes to be in separate VRFs.
- B. It allows traffic to be redirected based on an access list.
- C. It requires that service provisioning be enabled by the Layer 4 to Layer 7 device package .
- D. It allows the | rationing consumer and the provider endpoint groups to be in the same VRF.

Answer: D

NEW QUESTION 59

Which statement describes how to deploy an access policy?

- A. The access policy must be created on the leaf and then pushed to the spine.
- B. The access policy must be created on the Cisco APIC and then pushed to a lea
- C. The access policy must be created on the Cisco APIC and then pushed to the spin
- D. The access policy must be created on the spine and then pushed to a leaf.

Answer: B

NEW QUESTION 62

Which two statements about NX API REST are true? (Choose two)

- A. NX-API REST uses HTTP/Hi VPS as its transport protocol.
- B. NX-API KI SI is supported on Cisco Nexus 9000 and 3000 Series switches including switches with less than 8 GB of memory.
- C. The NX-API REST backend uses the Nginx HTTP server.
- D. NX-API REST is best used when you have static network configurations, static workloads, and predictable slower change rates for application scaling.
- E. NX-API REST uses the Cisco APIC to provide a front end to developers.

Answer: AC

NEW QUESTION 66

At the bash prompt, you run the bash\$ source environment-setup-x86_64-wrs-linux command. Which purpose of running this command is true?

- A. to set up the source for the plugins added to the shell environment
- B. to move the build application to the target switch
- C. to prepare the environment for the SDK installation
- D. to add SDK-specific paths to the shell environment during environment initialization

Answer: D

NEW QUESTION 70

Which two parameters are part of the Cisco APIC first time setup and must be configured? (Choose two)

- A. the fabric node vector configuration
- B. the LLDP adjacency configuration
- C. the out of-band management configuration
- D. the cluster configuration
- E. the APIC LLDP configuration

Answer: CE

NEW QUESTION 72

Which solution enables Cisco devices to be monitored with automated support capabilities?

- A. Cisco Intelligent Monitoring Agent
- B. Cisco Intersight
- C. Connected Service Assurance
- D. Two-Tier Smart Agent

Answer: B

NEW QUESTION 76

You are configuring RBAC on a Cisco UCS system. What happens when you assign multiple locales to a user?

- A. Access is denied to all organizations.
- B. Access is granted to only the last organization that is specified in the locales.
- C. Access is granted to only the first organization that is specified in the locales.
- D. Access is granted to all organizations that are specified in the locales.

Answer: D

NEW QUESTION 79

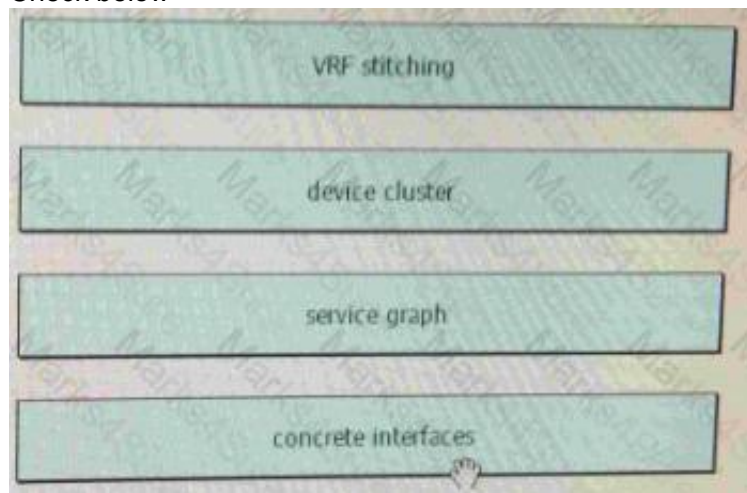
Drag and drop the Cisco ACI Layer 4 to Layer 7 service insertion on the left to the correct descriptions on the right.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Check below



C:\Users\wk\Desktop\mudassar\Untitled.jpg

NEW QUESTION 83

Which statement about POAP temporary licensing is true?

- A. It is invoked by using the license grace-period command.
- B. It is invoked by using the license install command.
- C. It is enabled automatically and 1S valid for go days.
- D. It is enabled automatically and is valid for 30 day.

Answer: A

NEW QUESTION 84

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