

300-170 Dumps

DCVAI Implementing Cisco Data Center Virtualization and Automation (DCVAI)

<https://www.certleader.com/300-170-dumps.html>



NEW QUESTION 1

What occurs when you make an interface a member of an existing VRF in Cisco NX-OS?

- A. The a VRF-Aware services start to be filtered
- B. You are prompted to enter an IP address assignment
- C. All of the Layer 3 configurations are removed
- D. The state of the interface is changed to down

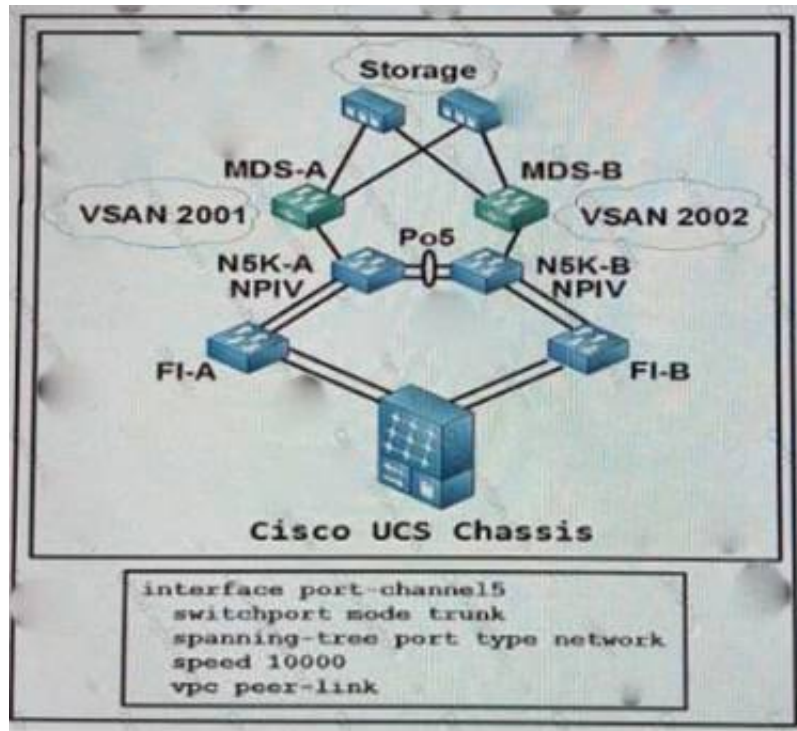
Answer: C

Explanation:

<https://supportforums.cisco.com/document/133711/vrf-configuration-and-verification-nexus-7000>

NEW QUESTION 2

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 3

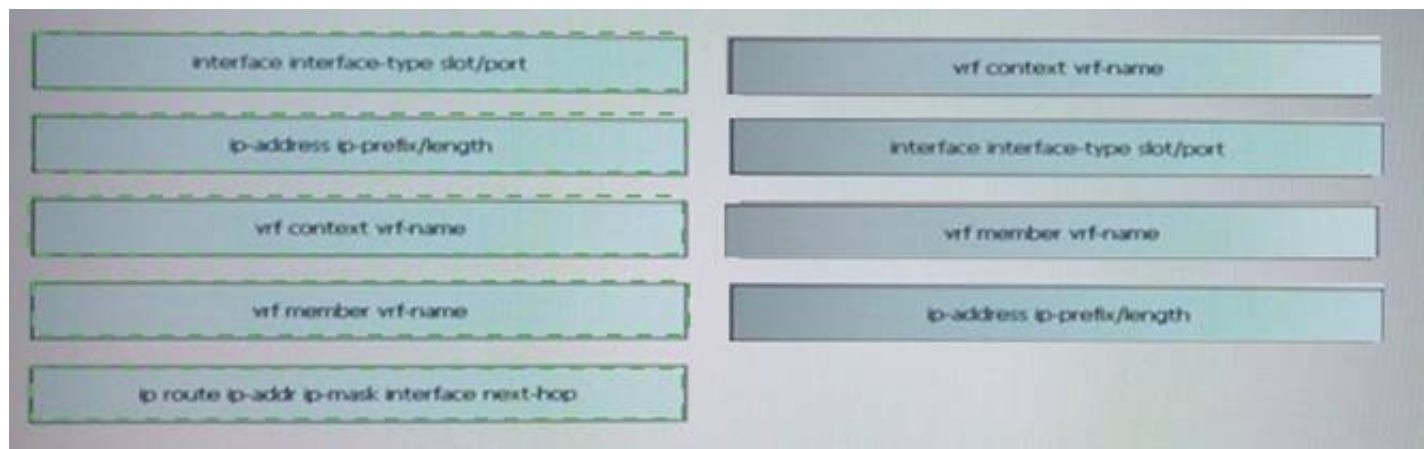
You need to create and configure a VRF for IP forwarding on a Cisco Nexus Series Switch running in NX-OS. Drag and drop the configuration steps from the left into the correct order on the right. Not all options are used.

interface interface-type slot/port	step 1
ip address ip-prefix/length	step 2
vrf context vrf-name	step 3
vrf member vrf-name	step 4
ip route ip-addr ip-mask interface next-hop	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 4

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 5

Which statement about RBAC user roles on a Cisco Nexus switch is true?

- A. If a user belongs to two roles, a permit access in one role takes priority over a deny access in the other role
- B. The predefined roles can be changed by the network-admin
- C. If a user belongs to two roles, the user can execute only the commands that are permuted by both of the roles
- D. On a Cisco Nexus 7000 Series Switch, roles are shared between VOCs

Answer: A

NEW QUESTION 6

Which option must be configured to allow SNMP communications and traffic?

- A. an out-of-band bridge domain
- B. an out-of-band contract
- C. an out-of-band policy
- D. an out-of-band management interface

Answer: D

NEW QUESTION 7

Refer to the exhibit.

```
cisco# scope cimc
cisco /cimc # scope network
cisco /cimc/network # set mode dedicated
cisco /cimc/network *# commit
cisco /cimc/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 8

Which action occurs first when a device that has the POAP feature boots and cannot find the startup configuration?

- A. The device locates a DHCP server
- B. The device enters POAP mode
- C. The device obtains the IP address of a TFTP server
- D. The device installs software image and a configuration file

Answer: B

Explanation:

PowerOn Auto Provisioning (POAP) automates the process of upgrading software images and installing configuration files on devices that are being deployed in the network for the first time. When a device with the POAP feature boots and does not find the startup configuration, the device enters POAP mode, locates a DHCP server, and bootstraps itself with its interface IP address, gateway, and DNS server IP addresses. The device also obtains the IP address of a TFTP server

or the URL of an HTTP server and downloads a configuration script that enables the switch to download and install the appropriate software image and configuration file

NEW QUESTION 9

You want to modify a service profile that is bound to an updating template. Which description of the relationship between the service profile and the updating template is true?

- A. The service profile is updated after the server reboots.
- B. The service profile is updated automatically when the updating template changes.
- C. Changes to the updating template apply only to service profiles created after template is updated.
- D. The updating template can be changed only before the service profile is implemented

Answer: B

Explanation:

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Server-Mgmt/3-1

NEW QUESTION 10

You are performing VMM integration between ACI and VMware with vDS. You place a Cisco UCS Fabric Interconnect between the leaf and the ESXi hosts running on UCSB series Which is a valid configuration if using VMM integration with "On Demand" resolution?

- A. In the interface policy group, disable LLDP, enable Cisco Discovery Protocol, and then select MAC pinning on the Fabric Interconnects
- B. In the interface policy, enable LLD
- C. Cisco Discovery Protocol, and LACP
- D. In the interface pokey group, disable LLDP, disable Cisco Discovery Protocol, and then select active in the LACP pokey
- E. Configure LLD
- F. Cisco Discovery Protocol, and LACP policies under global policies to match the interface policies

Answer: A

NEW QUESTION 10

Which component is excluded from a device package ZIP file?

- A. debug logs
- B. device-level configuration parameters
- C. function profile
- D. device scripts

Answer: A

Explanation:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/L4-L7_Services_Deployment/guide/

NEW QUESTION 12

You have a Cisco Nexus device that is configured to use RADIUS serve. What occur when local RBAC user account roles and RADIUS roles exist simultaneously?

- A. Only rules that are in the local roles and the RADIUS roles are applied
- B. Only rules from the local roles are applied.
- C. Only rules from the RADIUS roles are applied.
- D. The rules from the local roles and the RADIUS roles are merged.

Answer: B

NEW QUESTION 15

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 16

When you perform a task in the Cisco APIC GUI, the GUI creates and sends internal API messages to the operating system to execute the task. Which Cisco tool enables you to view and copy these API messages?

- A. API Inspector
- B. syslog
- C. SNMP
- D. Postman
- E. SPAN
- F. EPG listener

Answer:

A

NEW QUESTION 21

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 22

You have a new Cisco Nexus 7000 Series Switch that has only the default VDC configured .Which option describes the default behavior of the physical interfaces on the switch?

- A. The physical ports are divided into eight groups and the first group is assigned to the default VDC
- B. All of the physical ports on the switch are assigned to the default VDC
- C. None of the physical ports on the switch are assigned
- D. The physical ports are divided into six groups and the first group is assigned to the default VDC

Answer: C

NEW QUESTION 25

Which action must you take to implement VXLAN in an environment that runs the Cisco Nexus 1000V Essential edition?

- A. Purchase and install a Cisco Nexus 1000V Advanced edition license
- B. Enable the feature by using the feature segmentation command
- C. Enable the feature by using the feature vxlan-gateway command
- D. Purchase and install a Cisco Nexus 1000V Enterprise edition license

Answer: B

NEW QUESTION 30

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

Answer: B

NEW QUESTION 32

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 36

You are troubleshooting node discovery issues by using the `acidiag fmvread` command. Which description of the node status when the CLI output shows a status of Discovering is true?

- A. The node is decommissioned
- B. The node ID is configured, but not discovered yet
- C. The node is discovered, but an IP address is not assigned yet
- D. The node is discovered, but the node ID policy is not configured yet

Answer: C

NEW QUESTION 37

Which two options are purposes of a device package? (Choose two)

- A. to identify a set of network or service functions required by the application
- B. to provide a leaf and spine devices with operating systems and firmware
- C. to provide a Cisco APIC with information about device specifics
- D. to render the services required by a graph
- E. to manage a class of service devices

Answer: CE

NEW QUESTION 40

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 42

Which two benefits come from using a Cisco Nexus 7000 Series Switch in VDC mode? (Choose two)

- A. par-VDC kernel resource allocation
- B. per-VDC administration
- C. per-VDC load balancing for Cisco Ether Channel
- D. per-VDC forwarding information base
- E. per-VDC fault isolation

Answer: BE

NEW QUESTION 47

Which management interface is selected by the Cisco APIC by default if an in band management interface and an out of-band management interface exist?

- A. In-band is preferred
- B. The first configured interface is selected
- C. The interface that has the highest priority is selected
- D. Out-of band is preferred

Answer: D

NEW QUESTION 50

Which statement accurately describes Cisco ACI flooding mode for unknown unicast traffic?

- A. By default unknown unicast traffic floods the bridge domain
- B. By default, all unknown unicast traffic is dropped
- C. A hardware proxy must be used for flooding mode
- D. By default, an unknown unicast traffic is sent to the spine proxy

Answer: D

NEW QUESTION 53

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 58

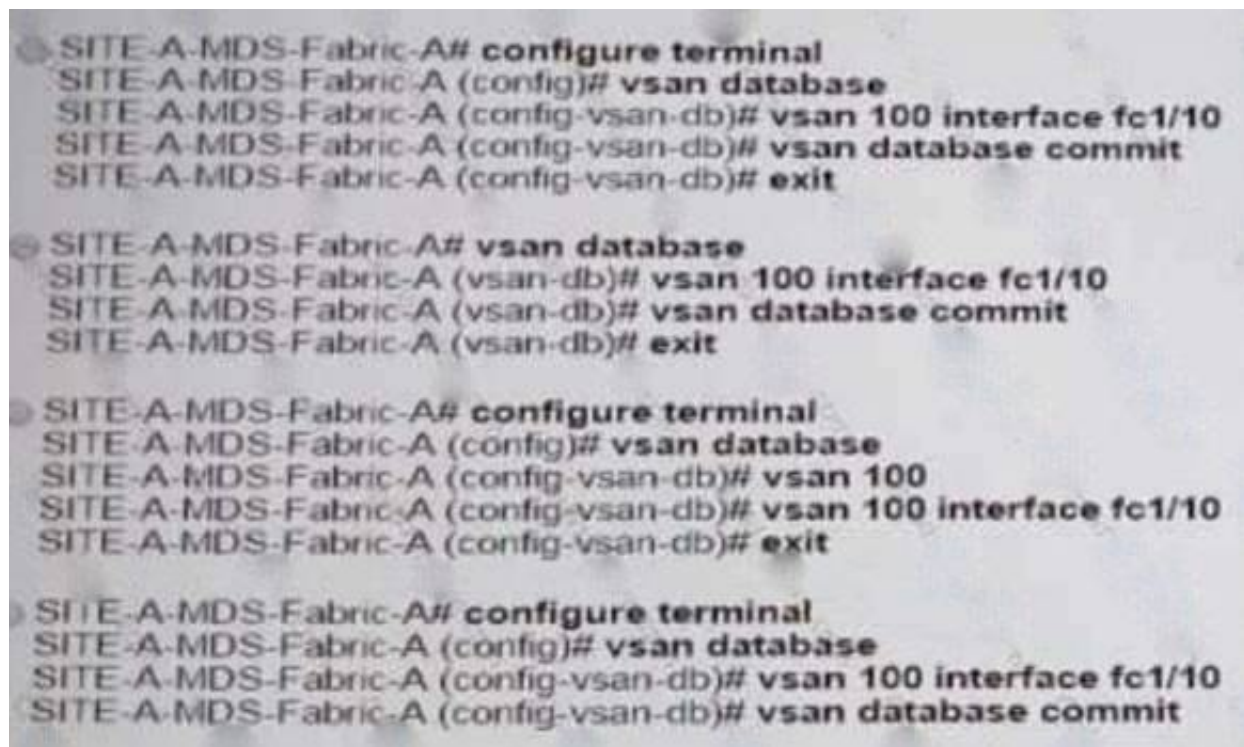
Which type of connection is supported by Layer 3 in the Cisco ACI fabric?

- A. eBGP over OSPF
- B. eBGP over EIGRP
- C. eBGP over RIP
- D. iBGP over EIGRP

Answer: A

NEW QUESTION 63

You have a Cisco UCS system. You need to create VSAN 100 on a Cisco MDS 9000 Series switch and to enable switch port fc 1/10 as a member for the VSAN. Which command set should you use?



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

Answer: C

NEW QUESTION 67

What occurs when the Cisco ACI fabric receives multi destination traffic?

- A. The traffic is forwarded as broadcast traffic
- B. The traffic is forwarded as multicast traffic
- C. The traffic is suppressed
- D. The traffic is forwarded as unicast traffic

Answer: B

Explanation:

<http://www.cisco.com/c/en/us/>

[td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b_ACI-Fundamentals/b_ACI-Fundamentals_chapt](http://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b_ACI-Fundamentals/b_ACI-Fundamentals_chapt)

NEW QUESTION 72

Which protocol is used to communicate endpoint mapping information to the spine proxy?

- A. COOP
- B. LLDP
- C. OpFlex
- D. IS-IS

Answer: A

NEW QUESTION 77

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