



300-630^{Q&As}

Implementing Cisco Application Centric Infrastructure - Advanced
(DCACIA)

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QUESTION 1

What is a design implication for Cisco ACI using an application-centric approach?

- A. Multiple VLANs and/or multiple EPGs are under one bridge domain
- B. VLAN numbers are in the names of the bridge domain and EPG objects
- C. One EPG is mapped to multiple bridge domains
- D. One VLAN equals one EPG equals one bridge domain

Correct Answer: C

QUESTION 2

Filter - SSH

Policy Faults History

Properties

Name: SSH

Alias:

Description: optional

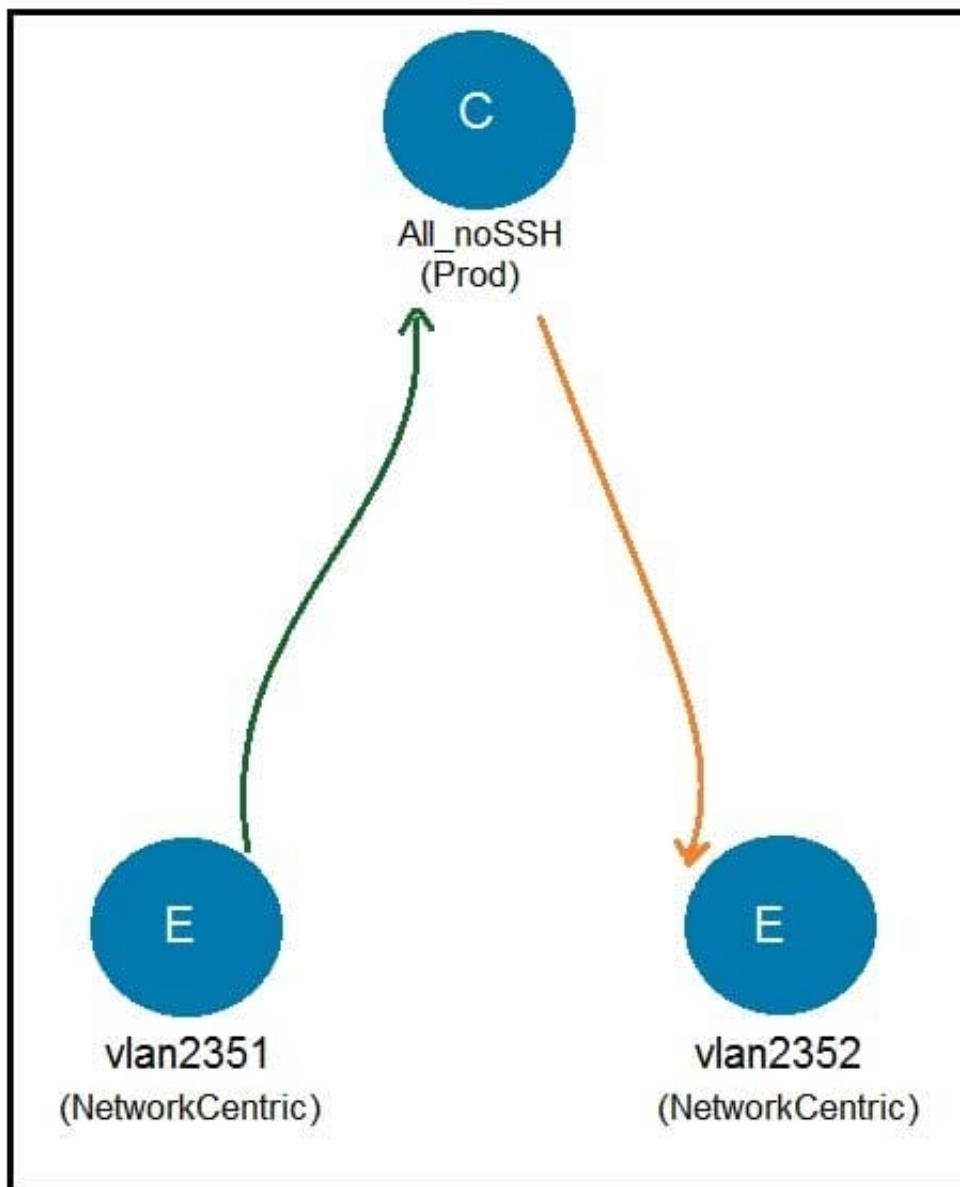
Tags:
enter tags separated by comma

Global Alias:

Entries:

Name	Alias	EtherType	ARP Flag	IP Protocol	Match Only Fragsme	Stateful	Source Port/Range From To	Destination Port/Range From To
ssh		IP		tcp	False	False	unspecified unspecified	22 22

Refer to the exhibits. Which subject must be configured for the All_noSSH contract to allow all IP traffic except SSH between the two EPGs?





A.

Apply Both Directions: false

Reverse Filter Ports: ☐

Filters:

Name	Action	Priority
common/ip	permit	default level
Prod/SSH	Deny	highest priority

B.

Apply Both Directions: false

Reverse Filter Ports: ☐

Filters:

Name	Action	Priority
common/ip	permit	default level
Prod/SSH	Deny	lowest priority

C.

Apply Both Directions: true

Reverse Filter Ports: ☐

Filters:

Name	Tenant	Action	Priority
SSH	Prod	Deny	highest priority
ip	common	permit	default level

D.

Apply Both Directions: true

Reverse Filter Ports: ☒

Filters:

Name	Tenant	Action	Priority
SSH	Prod	Deny	lowest priority
ip	common	permit	default level



A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: D

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/ACI_Best_Practices/b_ACI_Best_Practices/b_ACI_Best_Practices_chapter_010.html

QUESTION 3

DRAG DROP

An engineer must migrate servers from a legacy data center infrastructure to a Cisco ACI fabric. Drag and drop the steps from the left into the order that they must be completed on the right to ensure the least amount of downtime.

Select and Place:

Answer Area

Extend Layer 2 connectivity from the legacy infrastructure to Cisco ACI. Move servers from the legacy infrastructure to Cisco ACI leaf switches
Shut SVI on the legacy infrastructure and enable bridge domain unicast routing on Cisco ACI
Decommission the legacy infrastructure
Configure Cisco ACI: Define access policies, tenants, and bridge domain with unicast routing disabled. Map each VLAN to an EPG.

Step 1
Step 2
Step 3
Step 4

Correct Answer:



Answer Area

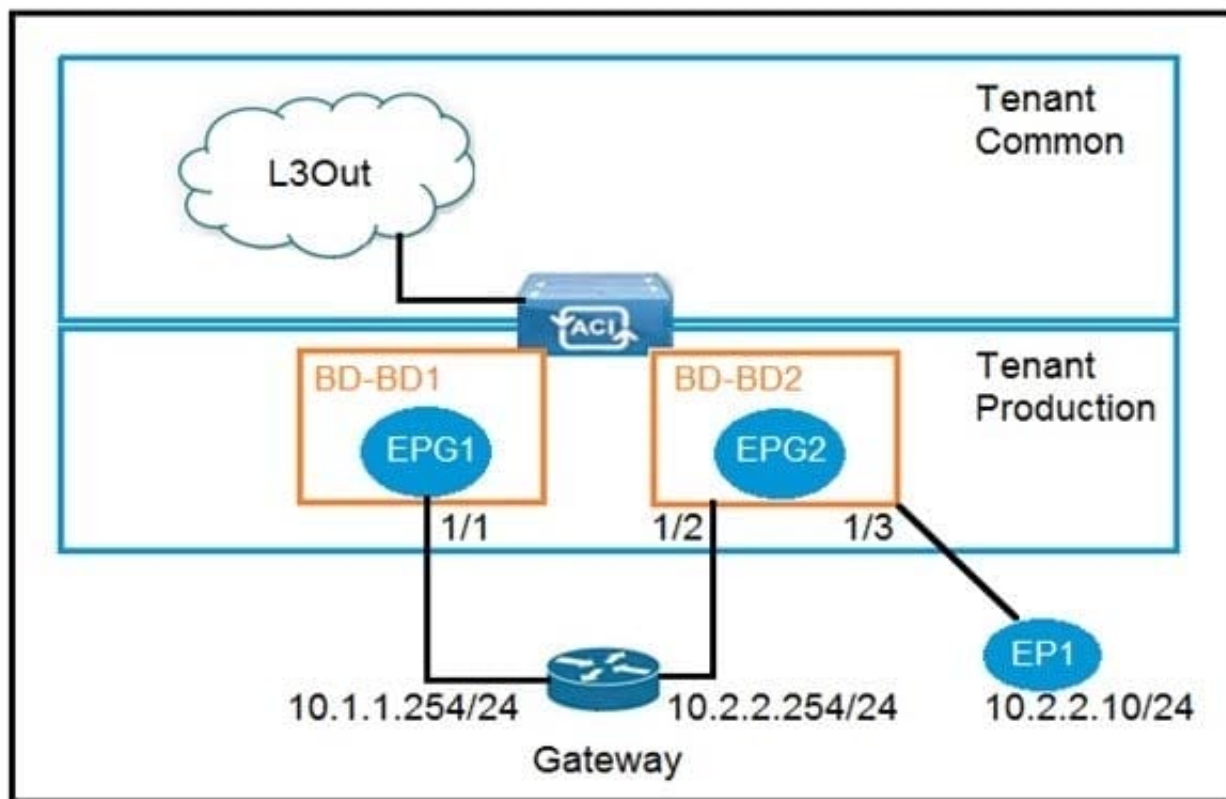
Shut SVI on the legacy infrastructure and enable bridge domain unicast routing on Cisco ACI

Configure Cisco ACI: Define access policies, tenants, and bridge domain with unicast routing disabled. Map each VLAN to an EPG.

Extend Layer 2 connectivity from the legacy infrastructure to Cisco ACI. Move servers from the legacy infrastructure to Cisco ACI leaf switches

Decommission the legacy infrastructure

QUESTION 4



Refer to the exhibit. An engineer wants to avoid connectivity problems for the endpoint EP1 when it reaches an external L3Out network through the gateway 10.2.2.254/24. Which two configurations must be implemented in BD-BD2? (Choose two.)

- A. Disable unicast routing
- B. Enable IP data plane learning for the VRF
- C. Disable ARP flooding
- D. Enable ARP flooding
- E. Enable unicast routing

Correct Answer: AC

QUESTION 5

An engineer implements the Cisco ACI solution and needs to confirm that the leaf switch correctly learns the remote endpoint MAC. Which information must be included in the VXLAN packet that is received from the Cisco ACI spine for the Cisco ACI leaf to learn MAC as a remote endpoint?

- A. VRF
- B. application profile
- C. bridge domain



D. EPG

Correct Answer: C

Reference: <https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-739989.html>

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