



300-620^{Q&As}

Implementing Cisco Application Centric Infrastructure (DCACI)

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QUESTION 1

What are two descriptions of ACI Multi-Site? (Choose two.)

- A. Routers in the Inter-Site network must run OSPF, DHCP relay, and MP-BGP
- B. ACI Multi-Site is a solution that allows one APIC cluster to manage multiple ACI sites
- C. The Multi-Site orchestrator must be directly attached to one ACI leaf
- D. ACI Multi-Site is a solution that supports a dedicated APIC cluster per site
- E. The Inter-Site network routers should run OSPF to establish peering with the spines

Correct Answer: DE

QUESTION 2

Refer to the exhibit.

External Management Network Instance Profile - external_mgmt_profile

Policy Faults

Properties

Name: external_mgmt_profile

Tags: + Click to add a new tag annotation

Configuration Issues:

Configuration State: applied

QoS Class: Unspecified

pcTag: 16386

Consumed Out-of-Band Contracts:

Out-of-Band Contract	Tenant	Type	QoS Class	State
default	common	oobbrc-default	Unspecified	formed

Subnets:

IP
10.100.180.0/24

All nodes in the Cisco ACI fabric have been statically assigned out-of-band management IP addresses in the 10.100.180.0/24 range. An engineer is attempting to SSH into Leaf101 using a laptop with an IP address of 10.101.180.100/24. Which configuration change must be performed to allow the engineer to SSH using the laptop?

- A. Add a contract filter to oobbrc-default that allows SSH.



B. Change the Leaf101 IP address to 10.101.180.101.

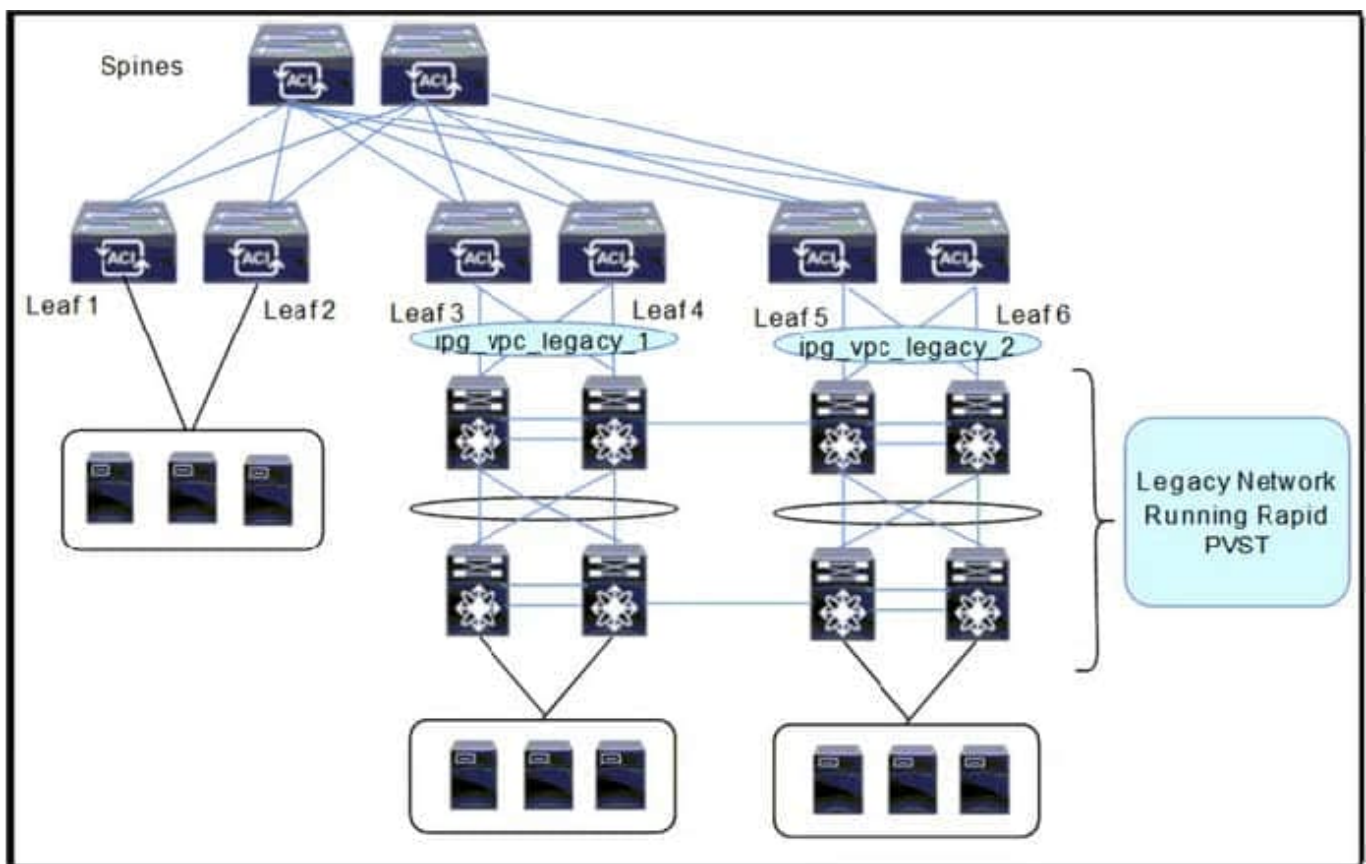
C. Change the allowed subnets.

D. Select the default QoS Class policy.

Correct Answer: C

QUESTION 3

Refer to the exhibit.



A client is configuring a new Cisco ACI fabric. All VLANs will be extended during the migration phase using the VPC connections on leaf switches 3, 4 and leaf switches 5, 6 toward the legacy network. The migration phase has these requirements:

1.

The legacy switches must be able to transfer BPDUs through the ACI fabric.

2.

If the legacy switches fail to break a loop, Cisco ACI must break the loop.

Which group settings must be configured on VPC interface policy groups ipg_vpc-legacy_1 and ipg_vpc-legacy_2 to



meet these requirements?

- A. MCP: enabled BPDU Guard: disabled BPDU Filter: disabled
- B. MCP: disabled BPDU Guard: enabled BPDU Filter: enabled
- C. MCP: enabled BPDU Guard: enabled BPDU Filter: disabled
- D. MCP: disabled BPDU Guard: disabled BPDU Filter: enabled

Correct Answer: A

MCP detects loops from external sources and will err-disable the interface on which ACI receives its own packet. Enabling this feature is a best practice and it should be enabled globally and on all interfaces, regardless of the end device. MCP works to stop Layer-2 loops, it should be enabled right away on an ACI Fabric prior to connecting Layer-2 devices for migration purposes.

As explained in this article, ACI Operation with L2 Switches and Spanning-tree Link Types, by default, the STP link type on Legacy switches is P2P. ACI acts as a hub for BPDUs. By configuring the STP link type as Shared for your external switch interfaces which connect to ACI, you ensure that you allow the switches to take their time with the STP transition process, thereby protecting your environment from potential STP loop formation. Even though ACI does not generate STP BPDUs, ACI switches will forward STP BPDUs across EPGs on which they are received. This allows the externally connected switches to maintain a loop-free topology and avoid broadcast storms and other nastiness that goes hand-in-hand when layer-2 loops form!

QUESTION 4

What two actions should be taken to deploy a new Cisco ACI Multi-Pod setup? (Choose two.)

- A. Configure MP-BGP on IPN routers that face the Cisco ACI spines.
- B. Connect all spines to the IPN.
- C. Configure anycast RP for the underlying multicast protocol
- D. Configure the TEP pool of the new pod to be routable across the IPN.
- E. Increase interface MTU for all IPN routers to support VXLAN traffic.

Correct Answer: DE

<https://www.wwt.com/article/cisco-aci-multi-site-vs-multi-pod>

QUESTION 5

An engineer wants to filter the System Faults page and view only the active faults that are present in the Cisco ACI fabric. Which two lifecycle stages must be selected for filtering? (Choose two.)

- A. Raised
- B. Retaining
- C. Soaking, Clearing



D. Raised, Clearing

E. Soaking

Correct Answer: AE

Raised and Soaking.

Soaking = initial state of a fault, when problem condition first detected.

Raised = fault not resolved within soaking interval.

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