



# 300-170<sup>Q&As</sup>

Implementing Cisco Data Center Virtualization and Automation

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**QUESTION 1**

You plan to implement access policies. Drag and drop the policy items on the left to the correct descriptions on the right.

Select and Place:

interface policy	groups domains that have similar requirements
AEP	configures the ports on a specified node
interface profile	dictates which features are enabled
switch profile	contains blocks of ports

Correct Answer:

	AEP
	switch profile
	interface policy
	interface profile

Reference: [https://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\\_0110.html](https://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_0110.html)

**QUESTION 2**

What is the acceptable latency for local VEM to VSM communications?

- A. 5 ms
- B. 10 ms
- C. 20 ms
- D. 100 ms

Correct Answer: A

Reference: [https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus1000/sw/4\\_2\\_1\\_s\\_v\\_1\\_5\\_1/system\\_management/configuration/guide/n1000v\\_system/n1000v\\_system\\_acrossdatacenters.html](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus1000/sw/4_2_1_s_v_1_5_1/system_management/configuration/guide/n1000v_system/n1000v_system_acrossdatacenters.html)

**QUESTION 3**



Which two tenants are configured by default in Cisco ACI? (Choose two.)

- A. common
- B. VRF
- C. Cisco
- D. customer
- E. mgmt

Correct Answer: AE

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#### QUESTION 4

Which type of Embedded Event Manager component pairs events with one or more actions to troubleshoot or recover from the event?

- A. monitor
- B. action
- C. policy
- D. event

Correct Answer: C

Reference: [http://www-testaka.cisco.com/c/en/us/td/docs/switches/datacenter/nexus3000/sw/system\\_mgmt/7\\_x/b\\_Cisco\\_Nexus\\_3000\\_Series\\_NX-OS\\_System\\_Management\\_Configuration\\_Guide\\_7x/b\\_Cisco\\_Nexus\\_3000\\_Series\\_NXOS\\_System\\_Management\\_Configuration\\_Guide\\_7x\\_chapter\\_01010.pdf](http://www-testaka.cisco.com/c/en/us/td/docs/switches/datacenter/nexus3000/sw/system_mgmt/7_x/b_Cisco_Nexus_3000_Series_NX-OS_System_Management_Configuration_Guide_7x/b_Cisco_Nexus_3000_Series_NXOS_System_Management_Configuration_Guide_7x_chapter_01010.pdf)

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#### QUESTION 5

You have a contract between in-band and out-of-band EPGs. Which two descriptions of this configuration are true? (Choose two.)

- A. Filters apply in the incoming direction only.
- B. Both EPGs must be in one VRF.
- C. Management statistics are available.
- D. Shared services for CPU-bound traffic are supported.
- E. The configuration supports Layer 2 filters.

Correct Answer: AB

Reference: [http://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b\\_ACI-Fundamentals/b\\_ACI-Fundamentals\\_chapter\\_010001.html](http://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b_ACI-Fundamentals/b_ACI-Fundamentals_chapter_010001.html)

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**QUESTION 6**

Which two routing protocols provide connectivity between the Cisco ACI fabric external Layer 3 devices? (Choose two.)

- A. OSPF
- B. BGP
- C. RIP
- D. ISIS
- E. RIPvng

Correct Answer: AB

**QUESTION 7**

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.

Select and Place:

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

Correct Answer:

	Define an organizational hierarchy.
	Define the pools.
	Configure the adapters.
	Configure a server policy.
	Configure a service profile template.



## QUESTION 8

```
switch# show system redundancy status
```

```
Redundancy role
```

```
-----
```

```
    administrative:    standalone
```

```
    operational:      standalone
```

```
Redundancy mode
```

```
-----
```

```
    administrative:    HA
```

```
    operational:      None
```

```
This supervisor (sup-1)
```

```
-----
```

```
    Redundancy state:  Active
```

```
    Supervisor state:  Active
```

```
    Internal state:    Active with no standby
```

```
Other supervisor (sup-2)
```

```
-----
```

```
    Redundancy state:  Not present
```

Refer to the exhibit. Which description of high availability on the Cisco Nexus 1000V Series Switch is true?

- A. Redundancy is provided by dual active VSMs.
- B. Active and standby VSMs are not synchronized yet.
- C. Active and standby VSMs are in the operationally high availability state.



D. Redundancy is provided by a standby VSM.

Correct Answer: B

### QUESTION 9

When using Cisco API to connect to an outside network at layer 3, which two dynamic routing protocols can be used? (Choose two.)

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

Correct Answer: AB

Reference: [https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/L3\\_config/b\\_Cisco\\_APIC\\_Layer\\_3\\_Configuration\\_Guide/b\\_Cisco\\_APIC\\_Layer\\_3\\_Configuration\\_Guide\\_chapter\\_01.html](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/L3_config/b_Cisco_APIC_Layer_3_Configuration_Guide/b_Cisco_APIC_Layer_3_Configuration_Guide_chapter_01.html)

### QUESTION 10

Drag and drop each Cisco ACI policy model component on the left to the correct description on the right.

Select and Place:

Application profile	Logical container for application policies that enable an administrator to exercise domain-based access control
Contract	Layer 2 forwarding construct within the fabric
Bridge domain	Logical entity that contains a collection of endpoints
Tenant	Defines the policies, services, and relationships between endpoint groups
EPG	Defines the protocols and ports that are allowed between endpoint groups

Correct Answer:



	Tenant
	Bridge domain
	EPG
	Application profile
	Contract

**QUESTION 11**

The behavior of which packet type can be controlled by selecting unicast mode or flood mode in a bridge domain?

- A. ARP
- B. unknown unicast
- C. LLDP
- D. CDP

Correct Answer: B

**QUESTION 12**

Which statement about POAP temporary licensing is true?

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

Correct Answer: A

Reference: [http://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus7000/sw/fundamentals/config/cisco\\_nexus7000\\_fundamentals\\_config\\_guide\\_8x/Using\\_PowerOn\\_Auto\\_Provisioning.pdf](http://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus7000/sw/fundamentals/config/cisco_nexus7000_fundamentals_config_guide_8x/Using_PowerOn_Auto_Provisioning.pdf)



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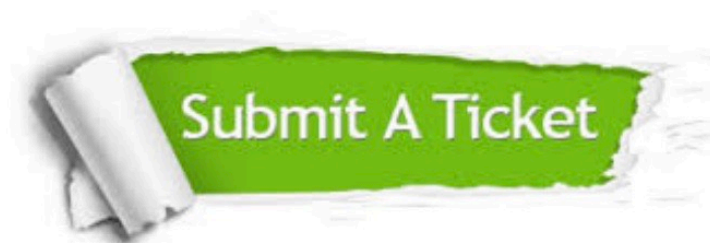
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