

300-635^{Q&As}

Automating and Programming Cisco Data Center Solutions (DCAUTO)

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QUESTION 1

What must be configured to allow SNMP traffic on ACI switches?

- A. an out-of-band contract
- B. an out-of-band management interface
- C. SNMP relay Policy
- D. an out-of-band bridge domain

Correct Answer: A

QUESTION 2

DRAG DROP

When a switch boots it does not find its startup-config file. Drag and drop the steps that Power-On Auto Provisioning goes through to configure the switch for remote management from the left into the correct order on the right. Not all options are used.

Select and Place:

DHCP assigns the switch an IP address, default gateway, and IP address that are tracked by the Domain Name System server.	step 1
The switch searches for a Domain Host Configuration Protocol service on the network.	step 2
The switch launches a container with Contiv.	step 3
POAP gets the IP address of a script server, downloads the correct script for the switch, and runs the script on the switch.	

Correct Answer:

	The switch searches for a Domain Host Configuration Protocol service on the network.
	DHCP assigns the switch an IP address, default gateway, and IP address that are tracked by the Domain Name System server.
The switch launches a container with Contiv.	POAP gets the IP address of a script server, downloads the correct script for the switch, and runs the script on the switch.

Reference: <https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/6-x/fundamentals/configuration/g>

uide/b_Cisco_Nexus_9000_Series_NX-OS_Fundamentals_Configuration_Guide/b_Cisco_Nexus_9000_Series_NXOS_Fundamentals_Configuration_Guide_chapter_011.pdf

QUESTION 3

Which two benefits of using network configuration tools such as Ansible and Puppet to automate data center platforms are valid? (Choose two.)

- A. consistency of systems configuration
- B. automation of repetitive tasks
- C. ability to create device and interface groups
- D. ability to add VLANs and routes per device
- E. removal of network protocols such as Spanning Tree

Correct Answer: AB

QUESTION 4

Which Ansible playbook creates a new VLAN 10 named Web?

A.

```
- name: Provision VLAN
hosts: accessswitches
gather_facts: no

vars:
  nxos_provider:
  username: "{{ un }}"
  password: "{{ pwd }}"

tasks:
  - name: Create VLAN And Assign A Name
    nxos_vlan:
      vlan_id: 10
      name: Web
      provider: "{{ nxos_provider }}"
```

B.

```
- name: Provision VLAN
hosts: accessswitches
gather_facts: no

vars:
  nxos_provider:
  username: "{{ un }}"
  password: "{{ pwd }}"
  transport: nxapi
  host: "{{ inventory_hostname }}"

tasks:
  - name: Create VLAN And Assign A Name
    vlan_id: 10
    name: Web
    provider: "{{ nxos_provider }}"
```

C.

```
- name: Provision VLAN
hosts: accessswitches
gather_facts: no

vars:
  nxos_provider:
  username: "{{ un }}"
  password: "{{ pwd }}"
  transport: nxapi
  host: "{{ inventory_hostname }}"

tasks:
  - name: Create VLAN And Assign A Name
    nxos_vlan:
      interfaces: vlan-10
      name: Web
```

D.

```
- name: Provision VLAN
hosts: accessswitches
gather_facts: no

vars:
  nxos_provider:
  username: "{{ un }}"
  password: "{{ pwd }}"
  transport: nxapi
  host: "{{ inventory_hostname }}"

tasks:
  - name: Create VLAN And Assign A Name
    nxos_vlan:
      vlan_id: 10
      name: Web
      provider: "{{ nxos_provider }}"
```

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

Correct Answer: D

Reference: https://docs.ansible.com/ansible/latest/modules/nxos_vlan_module.html

QUESTION 5

What is a key characteristic of an ACI policy model?

- A. Logical and concrete domains are separated.
- B. All configuration is carried out against concrete entities.
- C. It allows communications with newly connected devices.
- D. Network administrators configure logical and physical system resources directly.

Correct Answer: A

Reference:

[https://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#:~:text=Policy%20Model%20Key%20Characteristics,-Key%20characteristics%](https://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#:~:text=Policy%20Model%20Key%20Characteristics,-Key%20characteristics%20ofandtext=As%20a%20model%2Ddriven%20architecture,devices%20attached%20to%20the%20network.)

[20ofandtext=As%20a%20model%2Ddriven%20architecture,devices%20attached%20to%20the%20network.](https://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#:~:text=Policy%20Model%20Key%20Characteristics,-Key%20characteristics%20ofandtext=As%20a%20model%2Ddriven%20architecture,devices%20attached%20to%20the%20network.)

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