



300-635^{Q&As}

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QUESTION 1

Refer to the exhibit.

```
1 ---
2 # Playbook: VLAN configuration using the [ucs] hosts group
3 - hosts: ucs
4   connection: local
5   gather_facts: no
6   tasks:
7     - name: Configure VLAN
8
9       hostname: "{{ ucs_hostname }}"
10      username: "{{ ucs_username }}"
11      password: "{{ ucs_password }}"
12      state: "{{ ucs_state }}"
13      name: vlan10
14      id: '10'
15      native: 'no'
```

Which Ansible module is needed in line 8 to create a new VLAN 10 on the hosts defined in the "ucs" group?

- A. vlan
- B. ucs_vlans
- C. vlans
- D. nxos_vlans

Correct Answer: B

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

QUESTION 2

DRAG DROP

After a Cisco Nexus switch interface is enabled and in the up state, an engineer must automate the configuration of the



interface descriptions using the EEM Python Module.

Drag and drop the steps the engineer must take from the left into the correct order on the right.

Select and Place:

event syslog pattern "IF_UP"	step 1
exit	step 2
event manager applet link monitor	step 3
conf t	step 4
action 1 cli command "source cdp_description.py"	step 5

Correct Answer:

	conf t
	event manager applet link monitor
	event syslog pattern "IF_UP"
	action 1 cli command "source cdp_description.py"
	exit

Reference: <https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/datamodels/configuration/xe-16/data-models-xe-16-book/python-scripting-for-eem.html>

QUESTION 3

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

Correct Answer: B



QUESTION 4

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 5

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 6

Which two HTTP methods are supported by the Cisco Nexus REST API? (Choose two)

- A. PUT
- B. POST
- C. DELETE
- D. UPDATE
- E. CONNECT

Correct Answer: BC

QUESTION 7

How should the Kubernetes manifests be modified to allow Kubernetes environment integration with Cisco ACI?

- A. The metadata section must contain the Cisco APIC management IP.
- B. The manifest does not have to be changed, but the Kubernetes object is not discovered by Cisco ACI if this is not defined in the manifest.
- C. The manifests must include ACI EPG reference.
- D. No change is needed to perform this action.

Correct Answer: D

Reference:

<https://www.ciscolive.com/c/dam/r/ciscolive/emea/docs/2019/pdf/BRKACI-2505.pdf>

[https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/kb/b_Kubernetes_Integration_with_ACI.html#:~:text=Infrastructure%20\(ACI\).-,Cisco%20ACI%20and%20Kubernetes%20Integration,Application%20Centric%20Infrastructure%20\(A](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/kb/b_Kubernetes_Integration_with_ACI.html#:~:text=Infrastructure%20(ACI).-,Cisco%20ACI%20and%20Kubernetes%20Integration,Application%20Centric%20Infrastructure%20(A)

CI).



QUESTION 8

What is the top level in the ACI Management Information Tree?

- A. topRoot
- B. polUni
- C. fabricTopology
- D. fabric Pod

Correct Answer: A

QUESTION 9

DRAG DROP

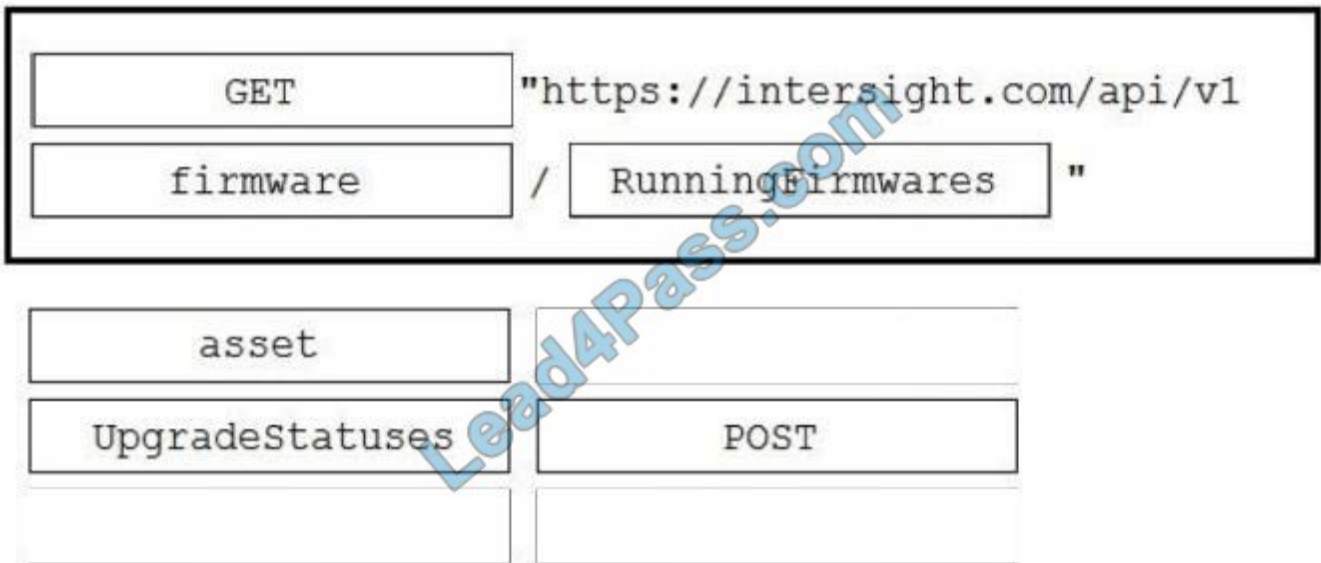
Drag and drop the items to complete the request to retrieve the current firmware of Cisco UCS devices from the Cisco Intersight API. Not all items are used.

Select and Place:

<input type="text"/>	"https://intersight.com/api/v1
<input type="text"/>	/ <input type="text"/> "

asset	RunningFirmwares
UpgradeStatuses	POST
GET	firmware

Correct Answer:



Reference: <https://developer.cisco.com/codeexchange/github/repo/CiscoUcs/intersight-python/>

QUESTION 10

Which Cisco UCS PowerTool commands initiate a Cisco UCS Manager connection?

- A.

```
Sucsm_creds = New-Object -TypeName System.Management.Automation.PSCredential
    "admin", $(SecureString -PlainText "MySecretPassword")
Connect-Ucs -Name myucsm.example.com -Credential $sucsm_creds
```
- B.

```
Sucsm_creds = New-Object -TypeName System.Management.Automation.PSCredential
    -ArgumentList "admin", $(ConvertTo-SecureString -Force -AsPlainText "MySecretPassword")
Connect-Ucs -Name myucsm.example.com -Credential $sucsm_creds
```
- C.

```
Sucsm_creds = New-Object -TypeName System.Management.Automation.PSCredential
    -ArgumentList username "admin", password:$(ConvertTo-SecureString "MySecretPassword")
Connect-Ucs -Name myucsm.example.com -Credential $sucsm_creds
```
- D.

```
Sucsm_creds = New-Object -TypeName System.Management.Automation.PSCredential
    -ArgumentList $(ConvertTo-SecureString -Force -AsPlainText "admin:MySecretPassword")
Connect-Ucs -Name myucsm.example.com -Credential $sucsm_creds
```

A. Option A

B. Option B



- C. Option C
- D. Option D

Correct Answer: B

Reference: <https://blogs.cisco.com/developer/cisco-ucs-automation-part2-a-step-by-step-guide-to-connecting-and-disconnecting-using-ucs-powertool>

QUESTION 11

An engineer is implementing a Cisco Nexus 9000 Series Switch. To automate the configuration, which command enables Bash on a Cisco NX-OS?

- A. run bash-shell
- B. enable bash
- C. run bash
- D. feature bash-shell

Correct Answer: D

QUESTION 12

Refer to the exhibit.

```
event manager applet eem-correlate
event syslog tag one pattern "copy bootflash:.* running-config.*"
event syslog tag two pattern "copy run start"
event syslog tag three pattern "hello"
tag one or two or three happens 1 in 120
action 1.0 reload module 1
```

What results from the EEM script that runs on a Cisco Nexus 9000 switch?

- A. Module 1 is reloaded if one of the specified console patterns occurs within 120 seconds.
- B. Module 1 is reloaded if one of the specified syslog patterns occurs within 120 seconds.
- C. Module 1 is reloaded if all of the specified syslog patterns occur within 120 seconds.
- D. The message "reload module 1" is printed if one of the specified syslog patterns occurs within 120 seconds

Correct Answer: D

QUESTION 13



Refer to the exhibit.

```
switch(config)# telemetry
switch(config-telemetry)# sensor-group 100
switch(config-tm-sensor)# path sys/bgp depth 0
switch(config-tm-sensor)# destination-group 100
switch(config-tm-dest)# ip address 1.2.3.4 port 50003
switch(config-tm-dest)# subscription 100
switch(config-tm-sub)# snsr-grp 100 sample-interval 50000
switch(config-tm-sub)# dst-grp 100
```

How often is the subscription stream for sys/bgp going to be sent?

- A. 5 sec
- B. 5 msec
- C. 5000 sec
- D. 5 min

Correct Answer: A

QUESTION 14

Which two components are attributes of an ACI MIT managed object? (Choose two.)

- A. MO
- B. RN
- C. UNI
- D. DN
- E. URL

Correct Answer: BD

Reference:

<https://www.cisco.com/c/en/us/products/collateral/cloud-systems-management/aci-fabric-controller/white-paper-c11-729586.html>

QUESTION 15



Which option must be created to allow one EPG to communicate with another EPG within same tenant?

- A. a filter
- B. a taboo
- C. a subject
- D. a contract

Correct Answer: D

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