Vendor: Cisco

Exam Code: 300-550

Exam Name: Designing and Implementing Cisco Network Programmability

Version: Demo

QUESTION 1
What is the main benefit of having an out-of-band management network for an infrastructure controller?

A. Data plane disruption is less likely.
B. It provides separation of the management and data planes.
C. Configuration of the controller is faster and simpler.
D. It is less expensive.

Correct Answer: D

QUESTION 2
Refer the exhibit. Which two URI entries are optional and functional in the RESTCONF URI structure that is shown? (Choose two.)

```
<operation> /<api-entry>/<path>?<query>#<fragment>
```
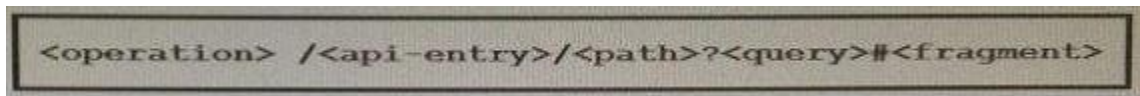
A. path
B. query
C. operation
D. fragment
E. api-entry

Correct Answer: AD

QUESTION 3
You can use Visore to accomplish which task?

A. Monitor faults and events by using a subscription model.
B. Read object properties and information.
C. Update any properties of an object that are not read-only.
D. Update any properties of an object.

Correct Answer: A

QUESTION 4
Which statement about shading in ACI is true?

A. Sharding is the technology that is designed to prevent "split-brain" scenarios in ACI.
B. Sharding is the service that presents the API on a Cisco APIC.
C. Sharding is the mechanism for distributing the database and configuration changes on a Cisco APIC cluster.
D. Sharding is the distributed topology that is used in ACI (also referred to as spine-leaf).

Correct Answer: B

QUESTION 5
The network operator asks you to change the config setting on one specific host. All 300 hosts are managed with Puppet. Which action results m the requested Change?

A. This is an unsupported feature of Puppet, and Chef or Ansible must be used to make this change.
B. Go to that host and make the config change. Puppet sees the local override and skips that part.
C. Add an if statement to the Puppet manifest, and add specific config settings, in case Puppet is running on that host.
D. Add a node-based variable lookup override in Hiera, so that if Puppet runs on that host, it takes the variable from Hiera.

Correct Answer: B

QUESTION 6
DRAG DROP
Drag and drop the protocol on the left to its purpose in ACI fabric discovery on the right.

Correct Answer:

QUESTION 7
Which two statements about OpenFlow are true? (Choose two.)

A. The OpenFlow flow table contains header fields, counters, and actions.
B. OpenFlow automatically determines network forwarding rules.
C. OpenFlow interfaces with the management plane.
D. OpenFlow is a southbound protocol.
E. OpenFlow is an agentless technology, like Ansible.
F. OpenFlow is a northbound protocol.

Correct Answer: BC

QUESTION 8
Which two installable packages does the Cisco ACI Python SDK require? (Choose two.)
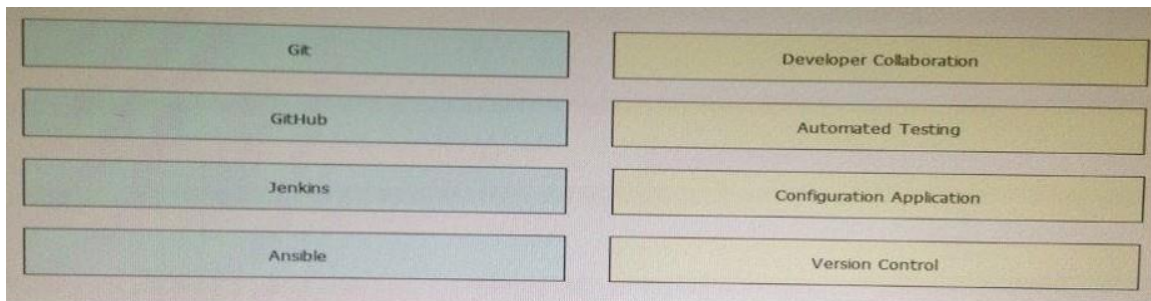
A. ciscoaci
B. acimodel
C. modpy-aci
D. acicobra
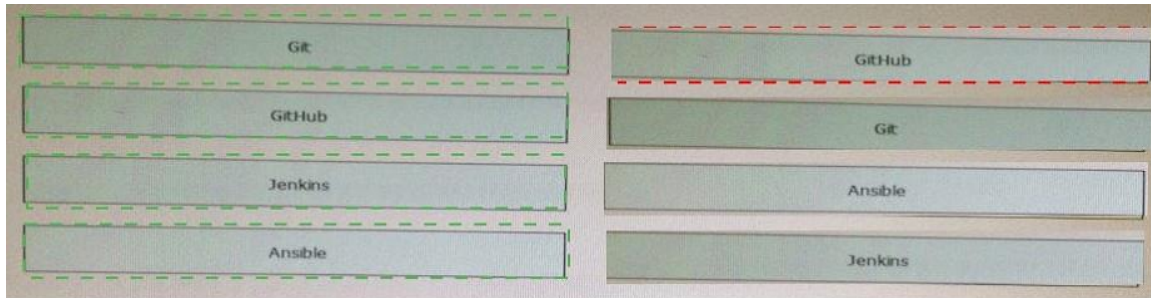E. ciscopython
F. aci-toolkit

Correct Answer: BD

QUESTION 9
DRAG DROP
Drag and drop the tools on the left to their corresponding functions on the right.

Correct Answer:

QUESTION 10
How are authentication credentials sent in a Cisco APIC REST API authorization request?

A. by using OAuth
B. in a token in the header
C. by using Basic Auth
D. in JSON in the payload

Correct Answer: D
Explanation:
http://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/api/rest/b_APIC_RESTful_API_User_Guide/b_IFC_RESTful_API_User_Guide_chapter_0100.html