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Exam : **300-550**

Title : Cisco Network
Programmability Design and
Implementation Specialist

Version : DEMO

1.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

Answer: D

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

- A. The Open 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.

Answer: BC

3.Where is the node-ui.log stored on the Cisco APIC-EM appliance?

- A. in the /var/log/grapevine/services/node-ui directory within the container that is running the node-ui instance
- B. in the Cassandra database instance that is running within the container that is running the node-ui instance
- C. in the /opt/CSCOapicem/logs/node-ui directory within the Cisco APIC-EM appliance root
- D. in the /var/log/grapevine/services/node-ui directory within the Cisco APIC-EM appliance root
- E. in the Cisco APIC-EM Cassandra database instance

Answer: D

4.Drag and drop the technology on the left to its appropriate use case on the right.

| | |
|----------|---|
| NETCONF | standards-based protocol that is used to distribute policies to programmable network elements |
| RESTCONF | used to distribute the traffic engineering database |
| OpenFlow | used to send RPCs to retrieve operational data via SSH |
| OpFlex | used to program the data plane of network devices |
| PCEP | uses HTTP verbs for getting and setting configuration data |
| BGP-LS | uses TLVs to pass messages between client and server |

Answer:

opflex↵

standards-based protocol that is used to distribute policies to programmable network elements↵

restconf↵

uses http verbs for getting and setting configuration data↵

openflow ↵

used to program the data plane of network devices↵

netconf ↵

used to send RPCs to retrieve operational data via ssh↵

bgp-ls↵

used to distribute the traffic engineering database↵

pcep↵

uses TLVs to pass messages between client and server↵

5.Which network configuration protocol uses JSON as a data representation format?

- A. NETCONF
- B. SOAP
- C. RESTCONF
- D. HTML

Answer: A