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Q&A

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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