

# *PassTest*

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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