

Cisco

300-550

Designing and Implementing Cisco Network Programmability

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Product Version

Question: 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

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

Question: 2

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.

Answer: BC

Question: 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: A

Question: 4

DRAG DROP

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:

OpenFlow
OpFlex
RESTCONF
BGP-LS
PCEP
NETCONF

Question: 5

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

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

D. HTML

Answer: A

Question: 6

Which two statements about the NX-API are true? (Choose two.)

- A. NX-API supports XML-RPC
- B. NX-API is enabled by default
- C. NX-API supports JSON-RPC.
- D. The nxapi_auth cookie expires in 30 minutes.
- E. NX-API maps to NX-OS NETCONF.

Answer: CD

Question: 7

Which two statements about YANG are true? (Choose two.)

- A. YANG was conceptualized by Jerry Yang, former CEO of Yahoo.
- B. YANG provides security beyond SSL 3.0.
- C. YANG can be executed similarly to a Python script.
- D. YANG is used by NETCONF to define objects and data in requests and replies.
- E. YANG represents configuration, operational, and RPC data.

Answer: DE

http://www.cisco.com/c/dam/global/cs_cz/assets/ciscoconnect/2014/assets/tech_sdn10_sp_netconf_yang_restconf_martinkramolis.pdf

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