

Cisco 300-550 Exam

Volume: 70 Questions

Question No: 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

Question No: 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

Question No: 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

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- 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

Question No: 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:

OpenFlow
OpFlex
RESTCONF
BGP-LS
PCEP
NETCONF

Question No: 5

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

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

Answer: B

Question No: 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-05 NETCONF.

Answer: CD

Question No: 7

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

- A. YANC3 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: BC

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Question No: 8

Which computer security concept is violated when a web server is written that uses the "root" account for all Interactions with a Linux system?

- A. RBAC
- B. Permit Root login
- C. certificate-based authentication
- D. principle of least privilege

Answer: A

Question No: 9

An organization leverages a multivendor network to sell connectivity services using Layer 3 VPN and VPLS. Where possible, the organization wants to use common APIs across vendors, in order to automate the configuration of network services. Which technology should the organization consider for the southbound interface?

- A. BGP-LS
- B. OpFlex
- C. OpenFlow
- D. NETCONF
- E. PCEP

Answer: D

Question No: 10

Which statement is used to associate a submodule and a parent module in a YANG data model?

- A. import
- B. namespace
- C. include

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D. belongs-to

Answer: B

Question No: 11

Which two network configuration protocols use XML as a data representation format? (Choose two.)

A. NETCONF

B. CORBA

C. TOSGA

D. SNMP

E. RESTCONF

Answer: BC

Question No: 12

Which two security techniques are important to implement a secured management network that is used to access the management plane of a Cisco ARC cluster? (Choose two.)

A. VRFs

B. NAT

C. ip filter

D. ACLs

E. route maps

Answer: C

Question No: 13

What are two node types in a YANG data model? (Choose two.)

A. grouping