

Exam Questions 300-535

Automating and Programming Cisco Service Provider Solutions (SPAUTO)

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NEW QUESTION 1

Which two use cases are valid for Cisco WAN Automation Engine? (Choose two.)

- A. deployment of SR policies
- B. integration with Cisco XTC
- C. what-if analysis
- D. device manager
- E. network controller

Answer: AB

NEW QUESTION 2

Refer to the exhibit. What is the result of the Ansible task?

- A. It configures a Cisco IOS XR router with BGP AS65000 with two neighbors and redistributes OSPF into BGP.
- B. It validates the BGP configuration on a Cisco IOS XR router, but it is a read-only module and cannot modify the configuration on the router.
- C. It validates the BGP configuration on a Cisco IOS XE router, but it is a check mode-only network module and cannot modify the configuration on the router.
- D. It configures a Cisco IOS router with BGP on AS500 and redistributes OSPF into BGP.

Answer: A

NEW QUESTION 3

Which schema allows device configuration elements to be enclosed within a remote procedure call message when NETCONF is implemented?

- A. JSON-RPC
- B. XML
- C. YAML
- D. JSON

Answer: B

NEW QUESTION 4

What is a key feature of YANG?

- A. use identification
- B. error prediction
- C. JAVA compatibility
- D. reusable types and groupings

Answer: D

NEW QUESTION 5

Refer to the exhibit. Regarding the Python script using YDK, what is the result for a device that is running Cisco IOS XR Software?

- A. retrieves the system time
- B. configures the system time
- C. prints the uptime of the CRUDService
- D. prints the system uptime

Answer: D

NEW QUESTION 6

An engineer must change from using NETCONF for streaming telemetry to telemetry data using gRPC framework because NETCONF uses XML for message and payload encoding. Which two messages and payload encodings does gNMI use? (Choose two.)

- A. gNMI notifications with XML
- B. protobuf notifications with XML
- C. protobuf payload
- D. JSON payload
- E. gNMI notifications with JSON

Answer: CE

NEW QUESTION 7

When using Cisco YDK, which syntax configures the BGP ASN using OpenConfig BGP?

- A. `bgp.config.as_ = 65000`
- B. `bgp.global_.config.as = 65000`
- C. `bgp.global.config.as_ = 65000`
- D. `bgp.global_.config.as_ = 65000`

Answer: D

NEW QUESTION 8

Refer to the exhibit. An automation engineer has created a RESTCONF POST to configure network devices. Which two tasks are accomplished when the code is executed? (Choose two.)

- A. If the specified configuration is already in the running configuration, the command is replaced by this request.
- B. If the specified configuration is already in the running configuration, the command is not replaced by this request.
- C. If the specified configuration is already executed in the running configuration, the command is merged with this request.
- D. If the specified configuration is already in the running configuration, the command updates this request.
- E. If the specified configuration is not on the device, the POST request creates it.

Answer: DE

NEW QUESTION 9

Which data format should be used to serialize structured data in the most compact way?

- A. protobufs
- B. YAML
- C. JSON
- D. XML

Answer: B

NEW QUESTION 10

Refer to the exhibit. Which XML output is a valid instantiation of the YANG model?

Answer: A

NEW QUESTION 10

Refer to the exhibit. An engineer updated the skeleton template. How can a device be entered into the YANG Model?

- A. Modify the device instance of the device by referencing the acl_lab variable from our YANG model.
- B. Deploy a service instance that configures a VLAN of all of the devices present in Cisco NSO.
- C. Deploy a service instance that configures a VLAN of a list of devices referenced to the service YANG model.
- D. Modify the device instance by referencing the device variable from our YANG model.

Answer: D

NEW QUESTION 14

Refer to the exhibit. What is the significance of “*” before the “father” leaf that is shown in the pyang tree output?

- A. It is a node list in a leaf type node.
- B. The father leaf is a key in the family list type.
- C. The leaf father is read-write in the family list.
- D. The node father is read-only in the family list.

Answer: C

NEW QUESTION 15

A user is debugging a problem with model-driven dial-in/out streams with gRPC for a Cisco IOS XR implementation. There is no streaming data and the path is not resolved when the show telemetry model-driven subscription command is issued on the router. What is the cause of the problem?

- A. The emsd process is not running.
- B. There are polling interval problems.
- C. SNMP is not enabled.
- D. There is no support for IOS XR 64-bit.

Answer: A

NEW QUESTION 18

Refer to the exhibit. Based on the YANG presented, what is the correct xpath to retrieve the router named “ios-device” under the “CustomerA” service name?

- A. /ncs:abc_service/CustomerA/ios-device
- B. /abc_service/CustomerA/“ios-device”
- C. /ncs:service/abc_service/“CustomerA”/ios-device
- D. /ncs:services/abc_service/CustomerA/ios-device

Answer: D

NEW QUESTION 20

Which two operations must be used to allow a network engineer to use NETCONF to configure and manage networking devices? (Choose two.)

- A. <get-config>
- B. <open-session>
- C. <close-session>
- D. <remove-config>
- E. <put>

Answer: AC

NEW QUESTION 25

You create a simple service package skeleton in Cisco NSO using ncs-make-package --service-skeleton template vlan. Which two steps must be performed to complete the service? (Choose two.)

- A. Create the VLAN service template in XML.
- B. Modify the VLAN FastMap algorithm.
- C. Start the VLAN Python VM.
- D. Create the VLAN service model in YANG.
- E. Compile the VLAN NED.

Answer: DE

NEW QUESTION 29

Which Git command is needed to stage the file network-deploy.py to then commit the changes to the revision history?

- A. git init network-deploy.py
- B. git add network-deploy.py
- C. git merge network-deploy.py
- D. git commit network-deploy.py

Answer: B

NEW QUESTION 32

Refer to the exhibit. Which HTTP authentication mechanism is being used?

- A. simple
- B. basic
- C. OAuth
- D. token

Answer: B

NEW QUESTION 37

Which statement describes the Cisco ESC core engine component?

- A. It interacts with the top orchestration layer using the REST and NETCONF/YANG NB APIs.
- B. It can be configured for high availability and cluster mode.
- C. It performs monitoring based on several monitoring methods.
- D. It manages transactions, validations, policies, workflows, VM state machines, and rollbacks.

Answer: D

NEW QUESTION 42

What is an interior YANG data node that exists in at most one instance in the data tree and has no value?

- A. listing node
- B. tree node
- C. container node
- D. leaf node

Answer: C

NEW QUESTION 46

Refer to the exhibit. Which two configuration leaves in this YANG model are optional? (Choose two.)

- A. last-change
- B. oper-status
- C. type
- D. enabled
- E. mtu

Answer: AE

NEW QUESTION 47

Which is a format used for the YANG JSON content-type header?

- A. application/vnd.yang.data+json
- B. application/vnd.yang.data+json
- C. application/yang.data.json
- D. application/vnd.yang.data json

Answer: B

NEW QUESTION 49

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