

## 300-535 Dumps

# Automating and Programming Cisco Service Provider Solutions (SPAUTO)

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#### NEW QUESTION 1

Refer to the exhibit. An engineer implements an automation with Cisco XTC. Which problem results in the 404 Not Found error code on the REST call?

- A. The resource that you are trying to delete does not exist.
- B. Port 8080 is not enabled on XTC.
- C. XTC does not offer any APIs.
- D. You must change the request method.

**Answer:** B

#### NEW QUESTION 2

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 3

What is a benefit of Ansible for automating IOS XE or IOS XR platforms?

- A. Playbooks can be written in XML format.
- B. It has agent support
- C. It supports asynchronous orchestration.
- D. It offers native orchestration support for Cisco platforms.

**Answer:** D

#### NEW QUESTION 4

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 5

An engineer wants to replace the BLOCK\_BAD ACL on the Cisco IOS XE router with this new content. The engineer wants to use RESTCONF for this and constructs a PUT request to the resource/restconf/data/native/ip/access-list/ Cisco-IOS-XE-acl:extended=BLOCK\_BAD. What must the body look like to achieve the Cisco IOS XE configuration?

Desired configuration:

ip access-list extended BLOCK\_BAD permit ip any host 192.168.20.1 deny ip any any

A.

B.

C.

D.

**Answer:** D

#### NEW QUESTION 6

What are two benefits of using Cisco NSO? (Choose two.)

- A. It abstracts the device adapter and complex device logic from the service logic.
- B. It uses load balancing services for better traffic distribution.
- C. It easily integrates into northbound systems and APIs.
- D. It can replace the CI/CD pipeline tools.
- E. It automatically discovers all deployed services.

**Answer:** AC

#### NEW QUESTION 7

Refer to the exhibit. Which two URI entries are optional and functional in this RESTCONF URI structure? (Choose two.)

- A. fragment
- B. query
- C. operation
- D. api-entry
- E. path

**Answer:** BE

#### NEW QUESTION 8

The Netmiko BaseConnection class contains a method called “send\_config\_set()”. Which two actions does this method perform on the device? (Choose two.)

- A. It takes a filename parameter that executes commands contained in that file on the device.
- B. It requires the user to explicitly send configure terminal and exit commands to the device to enter and exit configuration mode.
- C. It automatically enters and exits configuration mode on the device.
- D. It takes a Python iterable, such as a list of commands, and executes them in order on the device.
- E. It saves the running configuration to the startup configuration after executing the configuration commands on the device.

**Answer:** CD

#### NEW QUESTION 9

How does using the Python with statement in conjunction with ncclient manager improve an existing NETCONF automation script?

- A. It allows the NETCONF connection to the device to be gracefully closed without having to explicitly code this action.
- B. It manages the running configuration of the device by comparing it to the new configuration applied using NETCONF.
- C. The with statement tries to connect to the device using TCP port 830 first but also tries to connect via TCP port 22.
- D. Use of the with statement catches any exceptions when trying to connect to a device using NETCONF.

**Answer:** D

#### NEW QUESTION 10

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 10

An engineer needs to configure network devices in an automated way. Which two ways are used to create structured data using YANG to provide REST-like APIs to enable programmability access? (Choose two.)

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

**Answer:** BE

#### NEW QUESTION 15

Which two data formats are human readable? (Choose two.)

- A. YAML
- B. Apache Arrow
- C. gRPC
- D. binary
- E. JSON

**Answer:** AE

#### 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 23

Refer to the exhibit. When YDK is used to interact with Cisco routers, what is the purpose of passing intf\_f into the crud\_service.read() method?

- A. The Interfaces() class acts as a NETCONF filter, which limits the data returned to that of the openconfig:interfaces YANG model.
- B. It provides the data types of the openconfig:interfaces model to the router for dynamic configuration of the interfaces.
- C. It locks the interfaces from modification by other active NETCONF sessions.
- D. It passes default values into the crud\_service, which reconfigures all interfaces to their default configurations.

**Answer:** D

#### NEW QUESTION 24

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 25

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 28

Refer to the exhibit. The ncclient Python script is captured from the ncclient import manager. Which configuration on the Cisco IOS XE device is the script used to enable?

- A. router ospf 100 router-id 1.1.1.1 network 10.1.1.0 0.0.0.3 area 0
- B. router ospf 100 network 10.1.1.0 0.0.0.3 area 0
- C. router ospf 100 router-id 10.1.1.0 network 1.1.1.1 0.0.0.3 area 0
- D. router ospf 100 router-id 1.1.1.1

**Answer:** A

#### NEW QUESTION 31

An engineer just completed the installation of Cisco NSO and all of its components. During testing, some of the services are not working properly. To resolve the issue, the engineer started undeploying service instances. What can this cause?

- A. It removes the service configuration from the network device only.
- B. It removes the service configuration from the network and NSO.
- C. It removes the service configuration from NSO only.
- D. It runs the service code again when the device is out of sync.

**Answer:** B

#### NEW QUESTION 32

Which statement describes an asynchronous API communication?

- A. Asynchronous communication waits for a response.
- B. Synchronous communication is with a central orchestrator.
- C. It is not necessary to wait for availability of a resource.
- D. An application can freeze if there is no response from a request.

**Answer:** C

**NEW QUESTION 34**

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 38**

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