

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

An automation engineer is trying to configure a destination group to use dial-out telemetry with gRPC on a Cisco IOS XR platform. The template created is failing to apply. Which parameters must be configured?

- A. source IP address, source port, encoding, and sampling interval
- B. source IP address, source port, encoding, and protocol
- C. destination IP address, destination port, encoding, and sensor path
- D. destination IP address, destination port, encoding, and protocol

Answer: D

NEW QUESTION 3

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 4

A Cisco NSO service has just been deployed. Which Cisco NSO CLI command is used to inspect the resulting device configuration changes before the changes are pushed to the network?

- A. show service impact
- B. commit dry-run outformat native
- C. pseudo-commit
- D. show dry-run output

Answer: B

NEW QUESTION 5

An engineer is deploying a Python script to manage network devices through SSH. Which library based on Paramiko is used?

- A. sshmiko
- B. paramiko.agent
- C. libssh2
- D. netmiko

Answer: D

NEW QUESTION 6

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 7

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 8

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 9

Refer to the exhibit. What must be added after the last line of the Ansible playbook to check if the output contains “IOS-XR”?

- A. wait_for: result[1] contains “IOS-XR”
- B. wait_for: result[0] contains IOS-XR
- C. notify: “IOS-XR”
- D. wait_for_connection:

Answer: B

NEW QUESTION 10

Refer to the exhibit. What is the effect of the script on the device?

- A. All interfaces except GigabitEthernet2 are reset to their default configurations.
- B. It replaces the entire configuration for GigabitEthernet2 on the device using RESTCONF.
- C. It merges the new configuration with the existing configuration on the device using RESTCONF.
- D. It compares the configuration to the device
- E. If it matches, the device sends back an HTTP 204 status code.

Answer: C

NEW QUESTION 10

Refer to the exhibit. After this operation, what else is needed to change the hostname of the router to IOS-XR-SJC-19?

- A. <confirm>
- B. <close-session>
- C. <get-config>
- D. <commit>

Answer: D

NEW QUESTION 14

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 19

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 24

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

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

Answer: AE

NEW QUESTION 25

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 28

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 33

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 36

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 39

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 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

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 47

What are two advantages of using Python virtual environments? (Choose two.)

- A. They allow for multiple Python projects to use different versions of the same dependency without conflict.
- B. They allow multiple Python applications to share virtual memory between subprocesses.
- C. They allow for isolated environments where each can use a different version of Python.
- D. They allow for all Python projects to utilize the same set of shared dependencies.
- E. They allow for multiple virtual machines to share a single Python environment.

Answer: AC

NEW QUESTION 48

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