

## 300-535 Dumps

# Automating and Programming Cisco Service Provider Solutions (SPAUTO)

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**NEW QUESTION 1**

Which two Python libraries are used to write a script to retrieve network device information using RESTCONF? (Choose two.)

- A. PySNMP
- B. requests
- C. ncclient
- D. YANG
- E. json

**Answer:** BE

**NEW QUESTION 2**

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 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**

```
"request": {  
  "url": "http://{{server}}:{{port}}/restconf/data/l3vpn:vpn/l3vpn=test",  
  "method": "POST",  
  <snip>
```

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 5**

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 6**

```
<config-template xmlns= "http://tail-f.com/ns/config/1.0"
  servicepoint= "acl_lab">
  <devices xmlns= "http://tail-f.com/ns/ncs">
    <device foreach= "{/devices}">
      <name>{/device_name}</name>
      <config>
        <vlan xmlns= "urn:ios">
          <vlan-list>
            <id>{/vlan-number}</id>
            <name>{/name}</name>
          </vlan-list>
        </vlan>
      </config>
    </device>
  </devices>
</config-template>
```

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 7

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 8

What are two fundamental design constraints of a RESTful API? (Choose two.)

- A. It includes a series of interactions to the API that are dependent on one another.
- B. It is dependent on the communication protocol being HTTP.
- C. It exposes procedures or functions for a client call.
- D. Each interaction is independent from all others on the server side.
- E. It is a client-server communication model where the client and the server are independent of one another.

**Answer:** DE

#### NEW QUESTION 9

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 10

FILL BLANK

Fill in the blank to complete the statement about NETCONF and Python libraries.

\_\_\_\_\_ is a Python library that facilitates client-side scripting and deploying changes to the network using the NETCONF protocol.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Ncclient

**NEW QUESTION 10**

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 14**

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 17**

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 20**

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 25**

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