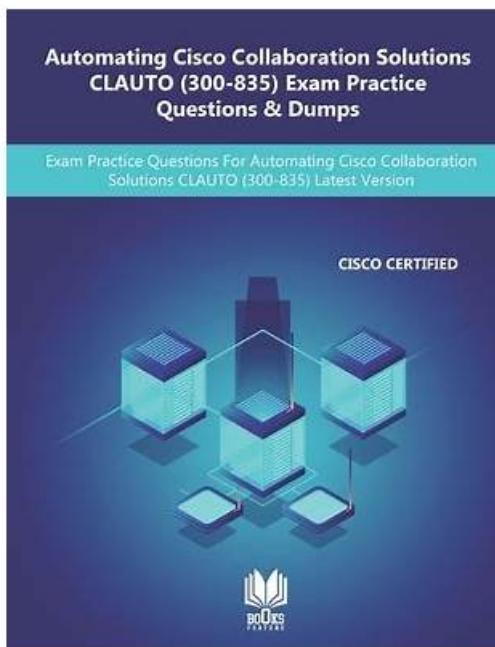


300-535 Practice Dumps Materials: Automating and Programming Cisco Collaboration Solutions - 300-535 Study Guide - TrainingQuiz



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How to Prepare For Automating and Programming Cisco Service Provider Solutions (300-535 SPAUTO)

Preparation Guide for Automating and Programming Cisco Service Provider Solutions (300-535 SPAUTO)

Introduction

This exam tests a candidate's knowledge of implementing service provider automated solutions, including programming concepts, orchestration, programming OS, and automation tools. This exam also tests your knowledge of implementing service provider automated solutions, including:

- Programming concepts
- Programming OS

- Automation tools
- Orchestration

CCNP Service Provider certification is for service provider network engineers, systems engineers, and network specialists who are responsible for delivering a scalable carrier-grade infrastructure capable of rapid expansion to support ongoing introduction of new managed services and other customer requirements.

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To ensure a more comfortable experience for users of 300-535 test material, we offer a thoughtful package. Not only do we offer free demo services before purchase, we also provide three learning modes for users. Even if the user fails in the Automating and Programming Cisco Collaboration Solutions exam dumps, users can also get a full refund of our 300-535 quiz guide so that the user has no worries. With easy payment and thoughtful, intimate after-sales service, believe that our 300-535 Exam Dumps will not disappoint users. Last but not least, our worldwide service after-sale staffs will provide the most considerable and comfortable feeling for you in twenty -four hours a day, as well as seven days a week incessantly.

Cisco 300-535 exam is designed for professionals who are committed to continuous learning and professional growth, providing a stepping-stone to new career opportunities and advancing their careers in the dynamic field of Cisco Collaborative Solutions. It is a globally recognized certification exam that validates the knowledge and skills of individuals concerning scripting languages, APIs, and tools required to automate Cisco Collaboration Solutions. Passing Cisco 300-535 Certification Exam will not only increase the credibility and employability of professionals in the industry but also enable them to contribute to the growth of the Cisco Collaborative technology ecosystem.

Cisco Automating and Programming Cisco Collaboration Solutions Sample Questions (Q53-Q58):

NEW QUESTION # 53

Refer to the exhibit.

```

def main():
    """
    Main method that prints netconf capabilities of device.
    """
    device = {"ip": "10.2.101.11", "port": "830", "platform": "csr",}
    with manager.connect(host=device['ip'],
                         port=device['port'], username='admin',
                         password='cisco.123',
                         hostkey_verify=False,
                         device_params={'name': device['platform']},
                         look_for_keys=False,
                         allow_agent=False) as m:
        rpc = ' ' '
            <config>
                <native
                    xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-native">
                        <router>
                            <ospf
                                xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-ospf">
                                    <id>100</id>
                                    <router-id>1.1.1.1</router-id>
                                    <network>
                                        <ip>10.1.1.0</ip>
                                        <mask>0.0.0.3</mask>
                                        <area>0</area>
                                    </network>
                                </ospf>
                            </router>
                        </native>
                    </config>
        . .
        reply = m.edit_config(rpc, target='running')
        print(reply)
if __name__ == '__main__':
    main()

```

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 router-id 1.1.1.1
- 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
network 10.1.1.0 0.0.0.3 area 0

Answer: A

NEW QUESTION # 54

Refer to the exhibit. Which JSON-encoded string is an instance of the provided YANG model?

```

1  module measure {
2      namespace "http://temps.example.com";
3      prefix "ts";
4      import ietf-inet-types { prefix "inet"; }
5      container top {
6          list address {
7              key "seqno";
8              leaf seqno {
9                  type uint8;
10             }
11             leaf ip {
12                 type inet:ip-address;
13                 mandatory "true";
14             }
15         }
16         container measurements {
17             typedef temperature {
18                 type decimal164 {
19                     fraction-digits "2";
20                 }
21             }
22             leaf min-temp {
23                 type temperature;
24             }
25             leaf-list temp {
26                 type temperature;
27                 must ". >= ../min-temp";
28                 min-elements "1";
29             }
30         }
31     }
32 }

```

```

{
  "top": {
    "address": [{ "seqno": 1, "ip": "10.0.10.1" },
                { "seqno": 2, "ip": "2001:db8::1" }],
    "measurements": {
      "temp": "19.79"
    }
  }
}

```

- A.

```

{
  "top": {
    "address": [{ "seqno": 1 }]
  },
  "measurements": {
    "min-temp": 0,
    "temp": ["22.18"]
  }
}

```

- B.

```

{
  "top": {
    "address": [{ "seqno": 1, "ip": "10.0.10.1" },
                { "seqno": 2, "ip": "2001:db8::1" }],
    "measurements": {
      "min-temp": 0,
      "temp": ["19.79"]
    }
  }
}

```

- C.

```
{  
  "top": {  
    "address": [{ "seqno": 1, "ip": "10.0.10.1" },  
                { "seqno": 2, "ip": "2001:db8::1" }],  
    "temperature": {  
      "min-temp": 20.0,  
      "temp": [ "19.79", "32.04", "33.14" ]  
    }  
  }  
}
```

• D.

Answer: C

Explanation:

This JSON instance correctly maps to the YANG model:

- Both "seqno" and "ip" are present in the address list.
- The measurements container includes both the required min-temp and a temp list with at least one entry.
- All data types and structures conform to the model definition.

NEW QUESTION # 55

Drag and Drop Question

Drag and Drop Question

Drag and drop the code snippets from the bottom onto the boxes in the code to construct a Cisco NSO service template that configures the Cisco IOS XE interface description for all interfaces.

Not all options are used

```
< [REDACTED] xmlns="http://tail-f.com/ns/config/1.0"
      servicepoint="xe-service">
< [REDACTED] xmlns="http://tail-f.com/ns/ncs">
  < [REDACTED] >
    <name>ios-xe0</name>
    <config>
      <interface xmlns="urn:ios">
        <? [REDACTED] {interface} ?>
        <GigabitEthernet>
          <name>{interface}</name>
          <description>{description}</description>
        </GigabitEthernet>
        <?end?>
      </interface>
    </config>
```

config

config-template

devices

forall

foreach

device

Answer:

Explanation:

```

< config-template xmlns="http://tail-f.com/ns/config/1.0"
    servicepoint="xe-service">
    < devices xmlns="http://tail-f.com/ns/ncs">
        < device >
            < name>ios-xe0</name>
            < config>
                < interface xmlns="urn:ios">
                    <? forall <interface> ?>
                    <GigabitEthernet>
                        < name>{interface}</name>
                        < description>{description}</description>
                    </GigabitEthernet>
                    <?end?>
                </ interface>
            </ config>
        < config>
            < foreach>

```

Explanation:

```

< config-template xmlns="http://tail-f.com/ns/config/1.0"
    servicepoint="xe-service">
    < devices xmlns="http://tail-f.com/ns/ncs">
        < device>
            < name>ios-xe0</name>
            < config>
                < interface xmlns="urn:ios">
                    <?forall <interface> ?>

```

NEW QUESTION # 56

An engineer needs to automate the configuration of a new route to a group of Cisco IOS XE switches. To accomplish this task, NETCONF will be used. What must be configured on the switches before the configuration is pushed using NETCONF?

- A. ssh server
- B. netconf-yang agent ssh
ssh server v2
- C. ssh server netconf port 30
netconf-yang agent ssh
ssh server
- D. ssh server restconf port 830
netconf-yang

Answer: A

Explanation:

To use NETCONF, the SSH server and the NETCONF-YANG agent over SSH (netconf-yang agent ssh) must be enabled on Cisco IOS XE switches.

NEW QUESTION # 57

Drag and Drop Question

Drag and drop the code snippets from the bottom onto the blanks in the code to add a loopback interface on a Cisco IOS XE device through RESTCONF. Not all options are used.

```
import requests
import [REDACTED]

url = "https://10.154.1.13/ [REDACTED] /data/"
path = "Cisco-IOS-XE-native:native/interface/Loopback"
headers = { "Content-Type": "application/yang-data+json" }
username = "admin"
[REDACTED] = "admin"

payload = {
    "Cisco-IOS-XE-native:Loopback": {
        "name": 105,
        "description": "NEW LOOPBACK",
        "ip": {
            "address": {
                "primary": {
                    "address": "10.1.1.105",
                    "mask": "255.255.255.255"
                }
            }
        }
    }
}

response = requests.post(url+path, auth=(username,password),
    headers=headers, json=[REDACTED], verify=False)
```

restconf	token	password
netconf	json	interface
payload		

Answer:

Explanation:

```

import requests
import json

url = "https://10.154.1.13/ [REDACTED] restconf /data/"
path = "Cisco-IOS-XE-native:native/interface/Loopback"
headers = { "Content-Type": "application/yang-data+json" }
username = "admin"
password = "admin"

payload = {
    "Cisco-IOS-XE-native:Loopback": {
        "name": 105,
        "description": "NEW LOOPBACK",
        "ip": {
            "address": {
                "primary": {
                    "address": "10.1.1.105",
                    "mask": "255.255.255.255"
                }
            }
        }
    }
}

response = requests.post(url+path, auth=(username,password),
    headers=headers, json=[REDACTED] payload ,verify=False)

```

[REDACTED] token
[REDACTED] netconf
[REDACTED] interface

Explanation:

```

import requests
import json

url = "https://10.154.1.13/restconf/data/"
path = "Cisco-IOS-XE-native:native/interface/Loopback"
headers = { "Content-Type": "application/yang-data+json" }
username = "admin"
password = "admin"

payload = {
    "Cisco-IOS-XE-native:Loopback": {
        "name": 105,
        "description": "NEW LOOPBACK",
        "ip": {
            "address": {
                "primary": {
                    "address": "10.1.1.105",
                    "mask": "255.255.255.255"
                }
            }
        }
    }
}

response = requests.post(url+path, auth=(username, password),
    headers=headers, json=payload, verify=False)

```

NEW QUESTION # 58

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