

300-535^{Q&As}

Automating and Programming Cisco Service Provider Solutions
(SPAUTO)

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QUESTION 1

What is a key feature of YANG?

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

Correct Answer: D

Reference: https://www.cisco.com/c/en/us/td/docs/optical/ncs1000/60x/b_Datamodels_cg_ncs1000/b_Datamodels_cg_ncs1000_chapter_00.html

QUESTION 2

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.

Correct Answer: C

QUESTION 3

What are two characteristics of the NFV architecture approach? (Choose two.)

- A. It decouples the network functions from proprietary hardware appliances.
- B. It provides 70% more efficiency of network infrastructure.
- C. It is specially designed for Internet providers.
- D. It is specially designed for telecommunications service providers.
- E. It typically includes a hypervisor.

Correct Answer: AE

Reference: <https://www.ciscolive.com/c/dam/r/ciscolive/us/docs/2016/pdf/LTRSPM-2022.pdf>

QUESTION 4

```
<operation> /<api-entry>/<path>?<query>#<fragment>
```

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

Correct Answer: BE

Reference: <https://www.ciscolive.com/c/dam/r/ciscolive/apjc/docs/2016/pdf/DEVNET-1081.pdf> page 25

QUESTION 5

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

Correct Answer: B

QUESTION 6

```
tasks:  
- name: run show version on remote devices  
  iosxr_command:  
    commands: show version
```

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:

Correct Answer: B

QUESTION 7

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

Correct Answer: D

Reference: https://www.cisco.com/c/en/us/td/docs/iosxr/asr9000/telemetry/b-telemetry-cg-asr9000-61x/b-telemetry-cg-asr9000-61x_chapter_010.html

QUESTION 8

```
curl -u john:password http://192.168.10.20
```

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

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

Correct Answer: B

QUESTION 9

```
a = 11
b = 22
c = 33
d = 44

def swap1(a, b) :
    if a == b:
        return 2 * a, b
    else:
        a, b = b, a
        return a, b

def swap2(c, d) :
    if c < d:
        print(d, 2 * c)
    else:
        print(44, 22)
```

Refer to the exhibit. Which command prints out (44, 22) when this code is run on Python 3?

- A. print(swap1(d, b))
- B. print(swap2(a, b))
- C. print(swap1(b, d))
- D. print(swap2(22, 44))

Correct Answer: C

QUESTION 10

DRAG DROP

Drag and drop the steps from the left into the correct order on the right to deploy an already created service into NSO. Not all options are used.

Select and Place:

Log in to NSO CLI.	
Verify that the service has been properly loaded with "show packages package oper-status" command.	
Perform a "services reload" command.	
Move the service into \$NCS_DIR/packages directory.	
Perform a "packages reload" command.	
Move the service into \$NCS_PACKAGES directory.	
Run "make clean all" inside the service "src" directory.	
Verify that the service has been properly loaded with "show services service service-version" command.	

Correct Answer:

	Move the service into \$NCS_PACKAGES directory.
	Log in to NSO CLI.
Perform a "services reload" command.	Run "make clean all" inside the service "src" directory.
Move the service into \$NCS_DIR/packages directory.	Perform a "packages reload" command.
	Verify that the service has been properly loaded with "show packages package oper-status" command.
Verify that the service has been properly loaded with "show services service service-version" command.	

Reference: <https://www.ciscolive.com/c/dam/r/ciscolive/emea/docs/2019/pdf/LABSPG-2442.pdf>

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