

## Exam Questions 300-535

Automating and Programming Cisco Service Provider Solutions (SPAUTO)

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#### NEW QUESTION 1

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.

**Answer:** AE

#### NEW QUESTION 2

Which two commands generate a template using Cisco NSO to build a service package? (Choose two.)

- A. show running-config devices device ce-ios config ios:interface Loopback 0 | display template.xml
- B. show running-config devices device ce-ios config ios:interface Loopback 0 | display xml | save template.xml
- C. request running-config devices device ce-ios config ios:interface Loopback 0 | display xml
- D. show running-config devices device ce-ios config ios:interface Loopback 0
- E. show running-config devices device ce-ios config ios:interface Loopback 0 | display xml

**Answer:** AC

#### NEW QUESTION 3

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 4

Refer to the exhibit. What is the cause of the status of the interface subscription?

- A. The router cannot establish a gRPC connection with the collector.
- B. The sensor-group "Interface-Counters" does not contain a valid YANG path.
- C. The router is waiting for a collector to dial in.
- D. This is the expected state of an active subscription.

**Answer:** B

#### 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

Refer to the exhibit. Which XML output is a valid instantiation of the YANG model?

**Answer:** A

#### NEW QUESTION 7

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))`

**Answer:** C

#### NEW QUESTION 8

Refer to the exhibit. Based on the YANG presented, what is the correct xpath to retrieve the router named “ios-device” under the “CustomerA” service name?

- A. `/ncs:abc_service/CustomerA/ios-device`
- B. `/abc_service/CustomerA/"ios-device"`
- C. `/ncs:service/abc_service/"CustomerA"/ios-device`
- D. `/ncs:services/abc_service/CustomerA/ios-device`

**Answer:** D

#### NEW QUESTION 9

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 10

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 10

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 15

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