Cisco

Exam Questions 300-535

Automating and Programming Cisco Service Provider Solutions (SPAUTO)

NEW QUESTION 1
Which command configures the remote peer when the Cisco IOS XR Traffic Controller is used?

A. peer-sync ipv4 192.168.0.3
B. state ipv4 192.168.0.3
C. peer ipv4 192.168.0.3
D. state-sync ipv4 192.168.0.3

Answer: D

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
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 4
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 5

```
"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 6

```
<edit-config xmlns= "urn:ietf:params:xml:ns:netconf:base:1.0">
  <target>
     <candidate/>
 </target>
<config>
   <host-names xmlns= "http://cisco.com/ns/yang/Cisco-IOS-XR-shellutil-cfg">
       <host-name>IOS-XR-SJC-19</host-name>
   </host-names>
   </config>
</edit-config>
```

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 7

```
<?xml version= "1.0" encoding= "UTF-8" ?>
<employees>
       <employee>
               <id>1</id>
               <firstName>Jane</firstName>
               <firstName>Doe</lastName>
       </employee>
       <employee>
               <id>2</id>
               <firstName>Tim</firstName>
               <lastName>Public</lastName>
       </employee>
       <employee>
               <id>3</id>
               <firstName>John</firstName
               <lastName>Doe</latName>
       </employee>
</employees>
```

Refer to the exhibit. Using the provided XML snippet, which Xpath expression prints "Jane"?

A. //employee[1]/firstName/value()
B. //employee[0]/firstName/value()
C. //employee[1]/firstName/text()
D. //employee[0]/firstName/text()

Answer: D

NEW QUESTION 8
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 9
Refer to the exhibit. What is the significance of "*" before the "father" leaf that is shown in the pyang tree output?

A. It is a node list in a leaf type node.
B. The father leaf is a key in the family list type.
C. The leaf father is read-write in the family list.
D. The node father is read-only in the family list.

Answer: C

NEW QUESTION 10

```
module abc_service {
    namespace "http://com/abc/service";
    prefix abc_service;

    import  ietf-inet-types { prefix inet; }
    import  tail-ncs { prefix ncs; }
    imports tail-common { prefix tailf; }
    import  tail-ned-cisco-ios { prefix ios; }

    augment "/ncs:services" {

        list abc_service {
            key "name";
            ncs:servicepoint "abc_service";

            leaf name {
                mandatory true;
                type string;
            }
            list link {
                key "router_name";

                leaf router_name {
                    mandatory true;
                    type leafref {
                        path "/ncs:devices/ncs:device/ncs:name";
                    }
                }
            }
        }
    }
}
```

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 10
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 11
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 14
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 17
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