

300-535^{Q&As}

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QUESTION 1

You create a simple service package skeleton in Cisco NSO using ncs-make-package ?ervice-skeleton template vlan. Which two steps must be performed to complete the service? (Choose two.)

- A. Create the VLAN service template in XML.
- B. Modify the VLAN FastMap algorithm.
- C. Start the VLAN Python VM.
- D. Create the VLAN service model in YANG.
- E. Compile the VLAN NED.

Correct Answer: DE

QUESTION 2

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 3

How does using the Python with statement in conjunction with ncclient manager improve an existing NETCONF automation script?

- A. It allows the NETCONF connection to the device to be gracefully closed without having to explicitly code this action.
- B. It manages the running configuration of the device by comparing it to the new configuration applied using NETCONF.
- C. The with statement tries to connect to the device using TCP port 830 first but also tries to connect via TCP port 22.
- D. Use of the with statement catches any exceptions when trying to connect to a device using NETCONF.

Correct Answer: D

QUESTION 4

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

Correct Answer: D

Reference: https://www.cisco.com/c/en/us/td/docs/routers/asr9000/software/asr9k-r6-2/segment-routing/configuration/guide/b-segment-routing-cg-asr9000-62x/b-seg-routing-cg-asr9000-62x_chapter_01001.html

QUESTION 5

A user is debugging a problem with model-driven dial-in/out streams with gRPC for a Cisco IOS XR implementation. There is no streaming data and the path is not resolved when the show telemetry model-driven subscription command is issued on the router. What is the cause of the problem?

- A. The emsd process is not running.
- B. There are polling interval problems.
- C. SNMP is not enabled.
- D. There is no support for IOS XR 64-bit.

Correct Answer: A

Reference: <https://community.cisco.com/t5/service-providers-documents/implementing-grpc-telemetry-on-xr-devices/tap/3393966>

QUESTION 6

```
RP/0/RP0/CPU0:XR_CORE666#conf t
Fri May 19 10:45:31.136 UTC
RP/0/RP0/CPU0:XR_CORE666(config)#pce
RP/0/RP0/CPU0:XR_CORE666(config-pce)#address ipv4 10.10.0.15
RP/0/RP0/CPU0:XR_CORE666(config-pce)#commit
```

Refer to the exhibit. XTC has been configured by an engineer. What does the IPv4 address represent on the snippet?

- A. local address of the router on which it listens for PCEP
- B. configured for the local peer for state synchronization

- C. destination address of the router on which it listens for PCEP
- D. configured for the remote peer for state synchronization

Correct Answer: A

Reference: <http://ipnetworkgeek.blogspot.com/2017/05/path-disjointness-with-ios-xr-traffic.html>

QUESTION 7

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. Ncclient

Correct Answer: A

Reference: <https://pypi.org/project/ncclient/>

QUESTION 8

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.

Correct Answer: B

QUESTION 9

```
def configure_ip_address(interface, ip, length):
    url = BASE_URL + "/data/ietf-interfaces:interfaces/interface={i}".format(
        i = interface
    )
    data = OrderedDict(
        [
            (
                "ietf-interfaces:interface",
                OrderedDict(
                    [
                        ("name", interface),
                        ("type", "iana-if-type:ethernetCsmacd"),
                        (
                            "ietf-ip:ipv6",
                            OrderedDict(
                                [
                                    (
                                        "address",
                                        [OrderedDict([("ip", ip), ("prefix-length", length)])],
                                    )
                                ]
                            )
                        )
                    ]
                )
            ),
        ]
    )

    response = requests.put(
        url, auth=(USERNAME, PASSWORD), headers=HEADERS, verify=False, json=data
    )
    print(response.status_code)

configure_ip_address("GigabitEthernet2", "2001:db8:636c:6179:2063:7572:7469:7300", "64")
```

Refer to the exhibit. What is the effect of the script on the device?

- A. All interfaces except GigabitEthernet2 are reset to their default configurations.
- B. It replaces the entire configuration for GigabitEthernet2 on the device using RESTCONF.
- C. It merges the new configuration with the existing configuration on the device using RESTCONF.
- D. It compares the configuration to the device. If it matches, the device sends back an HTTP 204 status code.

Correct Answer: C

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.

Correct Answer: C

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