

DUMPS ARENA

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

Cisco 300-535

Version Demo

Total Demo Questions: 10

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Topic Break Down

Topic	No. of Questions
Topic 1, 1.0 Network Programmability Foundation	6
Topic 2, 2.0 Automation APIs and Protocols	18
Topic 3, 3.0 Network Device Programmability	18
Topic 4, Automation and Orchestration Platforms	18
Total	60

QUESTION NO: 1

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: A C**Explanation:**

Reference: <https://www.ciscolive.com/c/dam/r/ciscolive/us/docs/2018/pdf/BRKDCN-2498.pdf>

QUESTION NO: 2

What are two fundamental design constraints of a RESTful API? (Choose two.)

- A. It includes a series of interactions to the API that are dependent on one another.
- B. It is dependent on the communication protocol being HTTP.
- C. It exposes procedures or functions for a client call.
- D. Each interaction is independent from all others on the server side.
- E. It is a client-server communication model where the client and the server are independent of one another.

ANSWER: D E**QUESTION NO: 3**

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

QUESTION NO: 4

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

Explanation:

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 NO: 5

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: A C

QUESTION NO: 6

```
- name: configure global bgp as 65000
iosxr_bgp:
  bgp_as: 65000
  router_id: 1.1.1.1
  neighbors:
  - neighbor: 182.168.10.1
    remote_as: 500
    description: PEER_1
  - neighbor: 192.168.20.1
    remote_as: 500
    update_source: GigabitEthernet 0/0/0/0
  address_family:
  - name: ipv4
    cast: unicast
    networks:
    - network: 192.168.2.0/23
    - network: 10.0.0.0/8
    redistribute:
    - protocol: ospf
      id: 400
      metric: 110
```

Refer to the exhibit. What is the result of the Ansible task?

- A. It configures a Cisco IOS XR router with BGP AS65000 with two neighbors and redistributes OSPF into BGP.
- B. It validates the BGP configuration on a Cisco IOS XR router, but it is a read-only module and cannot modify the configuration on the router.
- C. It validates the BGP configuration on a Cisco IOS XE router, but it is a check mode-only network module and cannot modify the configuration on the router.
- D. It configures a Cisco IOS router with BGP on AS500 and redistributes OSPF into BGP.

ANSWER: A

Explanation:

Reference: https://docs.ansible.com/ansible/latest/modules/iosxr_bgp_module.html

QUESTION NO: 7

```

"request": {
  "url": "http://{{server}}:{{port}}/restconf/data/l3vpn:vpn/l3vpn=test",
  "method": "POST",
<snip>
    
```

Refer to the exhibit. What are the two outcomes when the RESTCONF POST code is implemented? (Choose two.)

- A. A new VPN endpoint to a VPN is added.
- B. An L3VPN endpoint to a VPN is replaced.
- C. An L3VPN endpoint to a VPN is merged.
- D. A new L3VPN endpoint to a VPN is added.
- E. An L3VPN endpoint to a VPN is updated.

ANSWER: D E

QUESTION NO: 8 - (DRAG DROP)

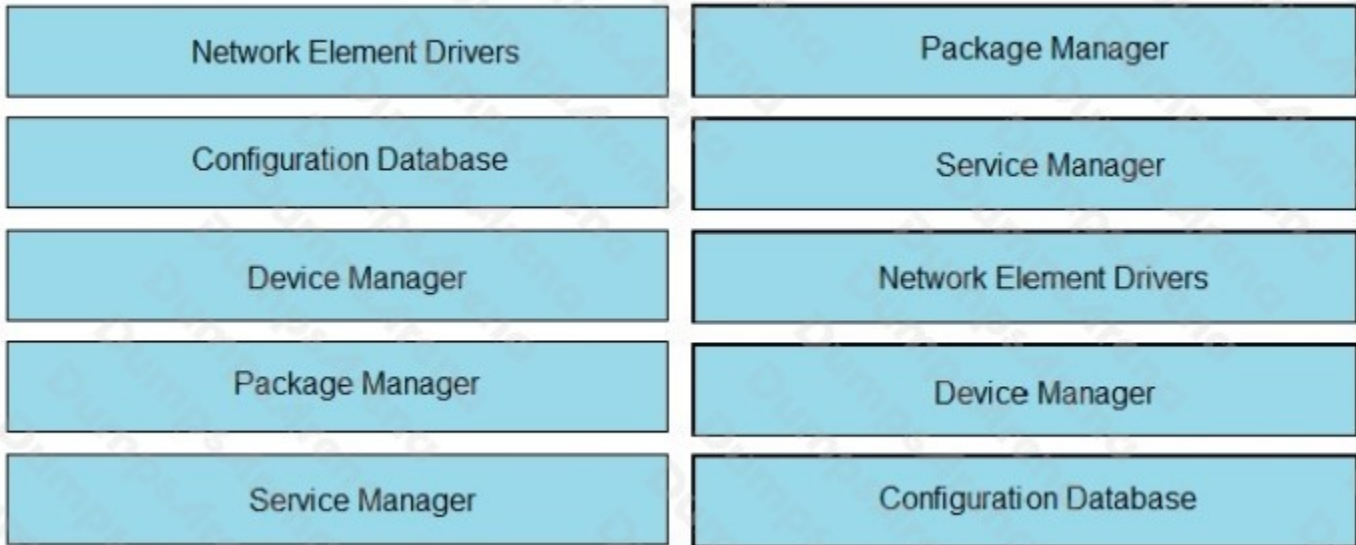
DRAG DROP

Drag and drop the components of Cisco Network Services Orchestrator from the left onto the correct definitions on the right.

Select and Place:

Network Element Drivers	manages installation of NED packages and service packages
Configuration Database	provides full support for any service change, including arbitrary modifications in real time
Device Manager	communicates directly with network devices using their native device management protocols
Package Manager	manages tasks such as pulling current running configurations from devices
Service Manager	contains the NSO view of the complete network configuration

ANSWER:



Explanation:

QUESTION NO: 9

Which schema allows device configuration elements to be enclosed within a remote procedure call message when NETCONF is implemented?

- A. JSON-RPC
- B. XML
- C. YAML
- D. JSON

ANSWER: B

Explanation:

Reference:

[https://books.google.com/books?id=jWVsAQAAQBAJ&pg=PA21&lpg=PA21&dq=schema+allows+device+configuration+elements+to+be+enclosed+within+a+remote+procedure+call+message+when+NETCONF+is+implemented&source=bl&ots=mcS25iO8ec&sig=ACfU3U08SQUN0Y7L2-](https://books.google.com/books?id=jWVsAQAAQBAJ&pg=PA21&lpg=PA21&dq=schema+allows+device+configuration+elements+to+be+enclosed+within+a+remote+procedure+call+message+when+NETCONF+is+implemented&source=bl&ots=mcS25iO8ec&sig=ACfU3U08SQUN0Y7L2-An37GjHRqBzLGFUA&hl=en&sa=X&ved=2ahUKEwir16OF4dbpAhV7GjQIHc64B5kQ6AEwAHoECAoQAQ#v=onepage&q=schema%20allows%20device%20configuration%20elements%20to%20be%20enclosed%20within%20a%20remote%20procedure%20call%20message%20when%20NETCONF%20is%20implemented&f=false)

An37GjHRqBzLGFUA&hl=en&sa=X&ved=2ahUKEwir16OF4dbpAhV7GjQIHc64B5kQ6AEwAHoECAoQAQ#v=onepage&q=schema%20allows%20device%20configuration%20elements%20to%20be%20enclosed%20within%20a%20remote%20procedure%20call%20message%20when%20NETCONF%20is%20implemented&f=false

QUESTION NO: 10

What is a key feature of YANG?

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

ANSWER: D

Explanation:

Reference:

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