

Reliable 200-901 Test Guide | 100% Free Valid Best DevNet Associate Exam Preparation Materials



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The VerifiedDumps is committed from the day first to ace the DevNet Associate Exam (200-901) exam questions preparation at any cost. To achieve this objective VerifiedDumps has hired a team of experienced and qualified Cisco 200-901 certification exam experts. They utilize all their expertise to offer top-notch DevNet Associate Exam (200-901) exam dumps. These 200-901 exam questions are being offered in three different but easy-to-use formats.

Certification Overview

The DevNet Associate is the intermediate-level qualification as it already requires at least a year of experience in the IT sphere. Then, the knowledge that you'll gain during preparing for its 200-901 test will allow you to effectively manage applications built on Cisco platforms and provide other related operations for security and automation, among others. Although there are no stringent prerequisites, you should be ready to face quite a tough exam 200-901. That is why a strong understanding of the basics is essential. When it comes to the most important things you should know about 200-901 DEVASC test, they are as follow:

- Duration — 120 minutes;
- Available languages — English, Japanese;
- Validity — 3 years, requires recertification after this period.
- Exam fee — \$300;

>> Reliable 200-901 Test Guide <<

Newest Reliable 200-901 Test Guide & Effective Best 200-901 Preparation Materials & First-Grade Certification 200-901 Questions

Candidates who crack the 200-901 examination of the Cisco 200-901 certification validate their worth in the sector of information technology. The Cisco 200-901 credential is evidence of their talent. Reputed firms hire these talented people for high-paying jobs. To get the DevNet Associate Exam (200-901) certification, it is essential to clear the DevNet Associate Exam (200-901) test. For this task, you need to update DevNet Associate Exam (200-901) preparation material to get success.

Cisco 200-901 Exam is a vendor-neutral certification, which means that it is not limited to Cisco platforms only. It covers a wide range of concepts and tools that are relevant to the entire software development and network automation industry. With this certification, you can demonstrate your proficiency in developing and maintaining applications on diverse platforms, which is a valuable skill for any organization.

Cisco DevNet Associate Exam Sample Questions (Q178-Q183):

NEW QUESTION # 178

A new application is being developed with specific platform requirements. The platform and application deployment and the ongoing platform management must be fully automated. The application includes a large database component that has significant disk I/O requirements. Which application deployment type meets the requirements?

- A. container
- B. virtual machine
- C. Python virtual environment
- **D. bare metal**

Answer: D

Explanation:

For applications with significant disk I/O requirements, deploying directly on bare metal (physical servers) can provide the best performance and meet specific platform requirements.

* Disk I/O Performance: Bare metal servers offer direct access to hardware resources, ensuring maximum disk I/O performance.

* Automation: Modern infrastructure automation tools can fully automate the deployment, configuration, and management of bare metal servers.

Option C meets the requirements of significant disk I/O performance and full automation.

Reference:

Cisco DevNet Documentation: Bare Metal Automation

NEW QUESTION # 179

What is the benefit of edge computing?

- A. It removes the need for centralized data processing.
- B. It reduces data velocity from devices or other data sources.
- **C. It reduces network latency by moving processing closer to the data source.**
- D. It simplifies security as devices and processing are brought closer together.

Answer: C

Explanation:

Explanation/Reference: <https://blogs.cisco.com/networking/time-to-get-serious-about-edge-computing>

NEW QUESTION # 180

Refer to the exhibit.

```

1 #import dnac sdk
2 from dnacentersdk import DNACenterAPI
3 #connection to dnac
4
5 username = 'user1'
6 password = 'secret'
7 base_url = 'https://192.168.1.1'
8
9 dnac = DNACenterAPI(username=username, password=password, base_url=base_url,
10 • version='1.3.3', verify=False)
11
12 # Get list of ports on device using get all interfaces API call
13 port_list_1 = [item['portName'] for item in
14 • dnac.devices.get_all_interfaces()['response']]
15 • if 'da4606c3-63ad-4ed4-8f35-6bfec7c2df04' in
16 • item['deviceId']]
17
18 # Sort list items
19 port_list_1.sort()
20 # Check the number of ports on the device
21 print(f'The list of interfaces contains {len(port_list_1)} items.')
22
23 # Output
24 # The list of interfaces contains 38 items.
25
26 # Get list of interfaces using the get interface info by device id api call
27 port_list_2 = [item['portName'] for item in
28 • dnac.devices.get_interface_info_by_id('da4606c3-63ad-4ed4-8f35-
29 • 6bfec7c2df04')['response']]
30
31 # Sort list items
32 port_list_2.sort()
33 # Check the number of ports on the device
34 print(f'The list of interfaces contains {len(port_list_2)} items.')
35
36 # Output
37 # The list of interfaces contains 54 items.

```

An engineer writes a Python script that uses two different API calls to query Cisco DNA Center for the number of interfaces on a device. The engineer notices that the two API calls produce different results. Why are fewer interfaces returned for the same device when the 'get_all_interfaces' API call is used?

- A. pagination
- B. rate limit
- C. invalid password
- D. times out

Answer: A

Explanation:

An engineer writes a Python script that uses two different API calls to query Cisco DNA Center for the number of interfaces on a device. The engineer notices that the two API calls produce different results. The fewer interfaces returned for the same device when the 'get_all_interfaces' API call is used can be explained by pagination.

A. times out - Incorrect. A timeout would likely result in an error, not fewer results. B. rate limit - Incorrect. Rate limiting would slow down requests but not reduce the number of returned interfaces. C. pagination - Correct. The 'get_all_interfaces' API call might be paginated, meaning it returns results in chunks rather than all at once. D. invalid password - Incorrect. An invalid password would result in an authentication error, not fewer results.

Reference:

Cisco DevNet DNA Center Platform

API Pagination

NEW QUESTION # 181

Drag and drop the code from the bottom onto the box where the code is missing to enable ports on a switch by using RESTCONF. Not all options are used.

```
def enable_function(if_name, if_status, if_type):
    headers = {'Accept': 'application/yang-data+json',
               'Content-Type': 'application/' + [ ]}
    payload = {
        [ ]: {
            "name": if_name,
            "enabled": if_status,
            "type": if_type,
        }
    }
    [ ] = 'https://192.168.1.1:8443'
    restconf_url = '/restconf/data/ietf-interfaces:interfaces/interface'
    res = requests.put(f'{base_url}{restconf_url}={if_name}',
                       headers=headers, json=payload,
                       auth=('cisco', 'secret'), verify=False)

enable_function('Loopback1', true, [ ])
```

yang-data+json

application/xml

ietf-interfaces:interface

iana-if-type:softwareLoopback

base_url

run_function

iana-if-type:ethernetCsmacd

Answer:

Explanation:

```
def enable_function(if_name, if_status, if_type):
    headers = {'Accept': 'application/yang-data+json',
               'Content-Type': 'application/' + [ ]}
    payload = {
        [ ]: {
            "name": if_name,
            "enabled": if_status,
            "type": if_type,
        }
    }
    [ ] = 'https://192.168.1.1:8443'
    restconf_url = '/restconf/data/ietf-interfaces:interfaces/interface'
    res = requests.put(f'{base_url}{restconf_url}={if_name}',
                       headers=headers, json=payload,
                       auth=('cisco', 'secret'), verify=False)

enable_function('Loopback1', true, [ ])
```

yang-data+json

application/xml

ietf-interfaces:interface

iana-if-type:softwareLoopback

base_url

run_function

iana-if-type:ethernetCsmacd

Explanation

```
def enable_function(if_name, if_status, if_type):
    headers = {'Accept': 'application/yang-data+json',
               'Content-Type': 'application/ [ ] yang-data+json '}
    payload = {
        " ietf-interfaces:interface ": {
            "name": if_name,
            "enabled": if_status,
            "type": if_type,
        }
    }
    [ ] base_url = 'https://192.168.1.1:8443'
    restconf_url = '/restconf/data/ietf-interfaces:interfaces/interface'
    res = requests.put(f'{base_url}{restconf_url}={if_name}',
                      headers=headers, json=payload,
                      auth=('cisco', 'secret'), verify=False)

enable_function('Loopback1', true, ' iana-if-type:ethernetCsmacd ')
```

yang-data+json

application/xml

ietf-interfaces:interface

iana-if-type:softwareLoopback

base_url

run_function

iana-if-type:ethernetCsmacd

NEW QUESTION # 182

Refer to the exhibit.

List the networks in a Meraki organization:

```
GET https://api.meraki.com/api/v0/organizations/<org_id>/networks
Response code: 200
Response body: [ {
  "id": <network_id>,
  "name": "Test Network",
  "organization_id": <new_org_id>,
  "type": "wireless",
  "timeZone": "America/Los_Angeles",
  "tags": " test "
} ]
```

Fill in the blanks to complete the cURL command to the list of networks in the Meraki organization with an id of 384279060

```
curl -X GET -L \
--url https://api.meraki.com/api/v0/[ ]
-H 'X-Cisco-Meraki-API-Key: $meraki_api_key'
```

Answer:

Explanation:

Solution below

t. Fill in the blanks to complete the cURL command to list the networks in the Meraki organization with an Id of 384279060:

izations	/ 384279060
_key	

• • • • •

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