

➤ **Vendor:** Cisco

➤ **Exam Code:** 200-901

➤ **Exam Name:** Developing Applications and Automating Workflows using Cisco Core Platforms (DEVASC)

➤ **New Updated Questions from [Braindump2go](#) (Updated in [December/2020](#))**

[Visit Braindump2go and Download Full Version 200-901 Exam Dumps](#)

QUESTION 50

Which two statements describe the role of an artifact repository in a CI/CD pipeline? (Choose two.)

- A. An artifact repository allows to compare and merge changes in the source code of files involved in a build process.
- B. An artifact repository is needed only for CI/CD pipeline executed on a public cloud infrastructure.
- C. An artifact repository provides traceability, search, and management of binary files.
- D. An artifact repository is needed only for managing open source software.
- E. An artifact repository stores files needed and generated during the build process.

Correct Answer: CE **Section:** (none)

Explanation

Explanation/Reference:

QUESTION 51

What is the purpose of the Cisco VIRL software tool?

- A. To verify configurations against compliance standards
- B. To simulate and model networks
- C. To automate API workflows
- D. To test performance of an application

Correct Answer: B **Section:** (none)

Explanation

Explanation/Reference:

Explanation:

<https://www.speaknetworks.com/cisco-virl-better-gns3/>

QUESTION 52

Which detail is included in a routing table?

- A. IP protocol
- B. Broadcast address
- C. TCP or UDP port number
- D. Destination next hop or outgoing interface

Correct Answer: D **Section:** (none)

Explanation

Explanation/Reference:

Explanation:

TCP and UDP are not included in the routing table. <https://geek-university.com/ccna/routing-table-explained/>

QUESTION 53

Which statement about authentication a RESTCONF API session with a router that runs Cisco IOS XE software is true?

- A. OAuth must be used.
- B. A token must be retrieved and the associated string must be embedded in the X-Auth-Token header.
- C. Basic authentication must be used.
- D. No authentication is required.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

https://content.cisco.com/content.sjs?uri=%2Fsearchable%2Fchapter%2Fcontent%2Fen%2Fus%2Ftd%2Fdocs%2Fios-xml%2Fios%2Fprog%2Fconfiguration%2F169%2Fb_169_programmability_cg%2Frestconf_programmable_interface.html.xml&platform=Cisco%204000%20Series%20Integrated%20Services%20Routers&release=IOS%20XE%20Fuji%2016.9.x

QUESTION 54

Which mechanism is used to consume a RESTful API design when large amounts of data are returned?

- A. Data sets

[200-901 Exam Dumps](#) [200-901 Exam Questions](#) [200-901 PDF Dumps](#) [200-901 VCE Dumps](#)

<https://www.braindump2go.com/200-901.html>

- B. Scrolling
- C. Blobs
- D. Pagination

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:
<https://nordicapis.com/everything-you-need-to-know-about-api-pagination/>

QUESTION 55
Drag and Drop Questions

Drag and drop the network component names from the left onto the correct descriptions on the right. Not all options are used.

Select and Place:

DNS server	contains a database of public IP addresses and their associated hostnames and often resolves or translates those names to IP addresses, as requested
firewall	enforces a set of rules about which data packets are allowed to enter or leave a network
reverse proxy	distributes network and application traffic across different servers
load balancer	retrieves resources on behalf of a client from one or more servers, then returns resources to the client, thus appearing as if they originated from the service itself
NAT gateway	

Correct Answer:

DNS server	
firewall	
load balancer	
reverse proxy	
NAT gateway	

Section: (none)

Explanation

Explanation/Reference:

QUESTION 56

FILL BLANK

Fill in the blanks to complete the Python script to retrieve a list of network devices using the Cisco DNA Center API.

```
my_token=
`eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJzdWl0Oi1lZDE0OWZkMjhlZTY2
MmQ3NGM5YzE5ZTliLmYzMCLslmV4CCElMTU3MjM3ODE%MCwidXNlcm5hbWUiOiJraX
N370940885.zhK5LPQd501ZUpZI0IH_qrgOXttlNbxSFFF7JOEtRls`

import requests
url = "https://myDNAServer/dna/intent/api/v1/network-device"
payload = {}
headers = {'x-auth-token': my_token}
}
response = requests.request(_____, url,
headers = _____, data = _____)
print(response.text.encode('utf8'))
```

Correct Answer: See explanation below.

Section: (none)

Explanation

Explanation/Reference:

Explanation:

```
response = requests.request( method , url,
headers = headers, data = request.get_data )
print(response.text.encode('utf8'))
```

https://www.programcreek.com/python/example/64946/flask.request.get_data

QUESTION 57

Which command tests a REST API?

- A. nc
- B. tcpdump
- C. curl
- D. telnet

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 58

What is the purpose of a MAC address?

- A. To uniquely identify a router in a LAN
- B. To uniquely identify a network interface in a LAN
- C. To uniquely identify a device on the internet
- D. To uniquely identify a switch in a LAN

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

MAC address identify Network Interfaces on a LAN not Router.

QUESTION 59

Which way should be used to safely the API keys?

- A. In an environment variable unique to the system database
- B. Encrypted in a configuration file that is separate from the code
- C. Encrypted in the code in a function
- D. Plain text in the code as a constant

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 60

Refer to the exhibit. What caused the error in this API request?

```
URL: https://<ASA_IP>/api/access/global/rules
Method: POST
Payload:
{
  "destinationAddress": {
    "kind": "IPv4Address",
    "value": "10.1.1.1"
  },
  "remarks": [ ],
  "active": true
  "permit": true,
  "sourceAddress": {
    "kind": "IPv4Address",
    "value": "192.168.1.1"
  }
}

Response Status Code: 400 Bad Request

{"messages":[{"level":"Error","code":"JSON-PARSE-ERROR","details":"
Unexpected character ('\\" (code 34)):"
```

- A. The API resource does not support the POST operation
- B. The API resource does not support JSON format payloads.
- C. The submitted JSON payload includes a field that is not supported by the API resource.
- D. The submitted JSON payload has a formatting issue

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 61

Refer to the exhibit. The definition of the YANG module and a RESTCONF query sent to a Cisco IOS XE device is shown. Which statement is correct if the RESTCONF interface responds with a 204 status code?

```
$ pyang -f tree Cisco-IOS-XE-native.yang
module: Cisco-IOS-XE-native
+--rw native
  +--rw logging
    +--rw monitor|
      +--rw severity?  logging-level-type

$ curl --insecure -v -X PATCH \
  "https://ios-xe-mgmt-latest.cisco.com:9443/restconf/data/Cisco-IOS-XE-native:native" \
  -H 'Authorization: Basic ZGV2ZWxvcGVyOkMxc2NvMTIzNDU=' -H 'Accept: application/yang-data+json' \
  -H 'Content-Type: application/yang-data+json' \
  -d '{ "Cisco-IOS-XE-native:native" : { "logging" : { "monitor" : { "severity" : "alerts" } } } }'
> ...
< ...
< HTTP/1.1 204 No Content
```

- A. The query retrieved the logging severity level.
- B. The query updated the logging severity level or created it if not present on the device
- C. The query failed at retrieving the logging severity level
- D. The query failed to set the logging severity level due to an invalid.

Correct Answer: B