



200-901^{Q&As}

Developing Applications and Automating Workflows using Cisco Platforms (DEVASC)

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QUESTION 1

Which automation tool uses NEDs to abstract southbound interfaces?

- A. Chef
- B. Puppet
- C. Ansible
- D. Cisco NSO

Correct Answer: D

QUESTION 2

What is a benefit of model-driven programmability?

- A. It addresses the static architecture of traditional networks being decentralized and complex.
- B. By modeling data, it ensures that vast quantities of data are usable for monitoring.
- C. It provides a programmatic and standards-based way of writing configurations to any network device.
- D. It simplifies management and operations by decoupling the networking hardware from its control mechanism.

Correct Answer: C

QUESTION 3

What is a characteristic of RPC APIs compared to REST APIs?

- A. Authentication is done over provisions for the service caller and vice versa for RPC API, and REST API uses HTTP headers for authentication.
- B. All communications between the client and server must be stateless for RPC API, and REST API is stateful.
- C. The architecture model for RPC API is resource-focused, and REST API is procedure-focused.
- D. The data payload must be in JSON format for RPC API, and REST API allows JSON and XML formats.

Correct Answer: A

QUESTION 4

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
16 if 'da4606c3-63ad-4ed4-8f35-6bfec7c2df04' in
17 • item['deviceId']]
18
19 # Sort list items
20 port_list_1.sort()
21 # Check the number of ports on the device
22 print(f'The list of interfaces contains {len(port_list_1)} items.')
23
24 # Output
25 # The list of interfaces contains 38 items.
26
27 # Get list of interfaces using the get interface info by device id api call
28 port_list_2 = [item['portName'] for item in
29 • dnac.devices.get_interface_info_by_id('da4606c3-63ad-4ed4-8f35-
30 • 6bfec7c2df04')['response']]
31
32 # Sort list items
33 port_list_2.sort()
34 # Check the number of ports on the device
35 print(f'The list of interfaces contains {len(port_list_2)} items.')
36
37 # Output
38 # 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. times out
- B. rate limit
- C. pagination
- D. invalid password

Correct Answer: C



QUESTION 5

What is a benefit of using model-driven programmability for infrastructure automation?

- A. connected user tracking
- B. infrastructure resource optimization
- C. multiple device control protocols
- D. device performance monitoring

Correct Answer: C

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