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https://sdwan-docs.cisco.com/Product_Documentation/Command_Reference/Command_Reference/vManage_REST_APIs/Real-Time_Monitoring_APIs/Application-Aware_Routing#Statistics

QUESTION 29

What does the command `boot ipxe forever switch 1` perform when executed on a Cisco IOS XE device?

- A. It continuously sends DHCP requests for iPXE until the device boots with an image.
- B. It continuously sends DNS requests for iPXE until the device restarts.
- C. It continuously sends DNS requests for iPXE until the device boots with an image.
- D. It continuously sends DHCP requests for iPXE until the device restarts.

Correct Answer: A

Section: Network Device Programmability

Explanation:

https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst3850/software/release/16-5/configuration_guide/prog/b_165_prog_3850_cg/ipxe.html

QUESTION 30

The Cisco DNA Center Sites API must be used to add a device to a site, but only the site name is available. Which API call must be used to retrieve the site identifier so that the device can be properly added to the network?

- A. `/dna/intent/api/site/siteId`
- B. `/dna/intent/api/site`
- C. `/dna/intent/api/v1/site`
- D. `/dna/intent/api/v1/site/siteName`

Correct Answer: C

Explanation:

<https://community.cisco.com/t5/networking-blogs/welcome-to-the-dna-center-api-support-community/ba-p/3663632>

QUESTION 31

When a Grafana dashboard is built to receive network events from Cisco DNA Center, which integration bundle is enabled to send notifications?

- A. Basic ITSM CMDB Synchronization
- B. DNA Center Rest API
- C. Network Events for REST API Endpoint
- D. Network Issue Monitor and Enrichment for ITSM

Correct Answer: B

Explanation:

https://www.cisco.com/c/en/us/td/docs/cloud-systems-management/network-automation-and-management/dna-center/1-3/admin_guide/b_cisco_dna_center_admin_guide_1_3/b_dnac_admin_guide_1_2_10_chapter_010.html

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QUESTION 32

Which field must be completed in Cisco DNA Center when a network discovery is initiated?

- A. SNMP read community string
- B. Enable password
- C. NETCONF port
- D. Discovery type

Correct Answer: D

Explanation:

https://www.cisco.com/c/dam/en_us/training-events/product-training/dnac-13/DNAC13_AddingDevicesByUsingDiscovery.pdf (p.26)

QUESTION 33

Webhook that are generated by Cisco DNA Center are REST calls with which properties?

- A. JSON payload delivered via PUT
- B. XML payload delivered via POST
- C. JSON payload delivered via POST
- D. XML payload delivered via PUT

Correct Answer: A

Explanation:

<https://developer.cisco.com/docs/dna-center/#!/using-id-values-in-rest-requests>

QUESTION 34

Which two API calls are used to trigger a device configuration sync in Cisco DNA Center?
(Choose two.)

- A. PUT /dna/intent/api/v1/network-device
- B. PUT /dna/intent/api/v1/network-device/sync-all
- C. PUT /dna/intent/api/v1/network-device/{networkDeviceId}/sync
- D. PUT /dna/intent/api/v1/network-device/sync
- E. POST /dna/intent/api/v1/network-device/{networkDeviceId}/sync

Correct Answer: CE

Explanation:

<https://github.com/CiscoDevNet/DNAC-JAVA-SDK/tree/master/DnacAppApi>

QUESTION 35

DRAG DROP

A Cisco DNA Center script must be written to retrieve a list of interfaces on a switch. Drag and drop the API calls that are needed to return the list of interfaces using the Command Running APIs from the left into the correct sequence on the right.

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Answer Area

Get task by ID.	run 1
Get file by ID.	run 2
Run read-only commands on devices.	run 3
Get device list.	run 4

Correct Answer:

Answer Area	
Get task by ID.	Run read-only commands on devices.
Get file by ID.	Get device list.
Run read-only commands on devices.	Get file by ID.
Get device list.	Get task by ID.

QUESTION 36

A network administrator must troubleshoot a network issue using Cisco DNA Center. Which API request helps to determine issue details, impacted hosts, or suggested actions for the resolution?

- A. /dna/intent/v1/issues
- B. /dna/intent/api/v1/issues
- C. /dna/intent/v1/issue-enrichment-details
- D. /dna/api/v1/client-health/issues

Correct Answer: B

Explanation:

The intent/api/v1/issues request determine issue details, hosts impacted and suggests actions for resolution.

QUESTION 37

Which two network assurance features are provided by the Cisco DNA Center API? (Choose two.)

- A. site health

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- B. license compliance health
- C. client health
- D. Cisco APIC appliance health
- E. Cisco DNA Center appliance health

Correct Answer: AC

Explanation:

https://www.cisco.com/c/en/us/td/docs/cloud-systems-management/network-automation-and-management/dna-center/1-2/user_guide/b_dnac_ug_1_2/b_dnac_ug_1_2_chapter_010011.html

QUESTION 38

In which direction does the Cisco DNA Center Intent API communicate?

- A. westbound
- B. eastbound
- C. northbound
- D. southbound

Correct Answer: C

Explanation:

The Intent API is a Northbound REST API that exposes specific capabilities of the Cisco DNA Center platform. The Intent API provides policy-based abstraction of business intent, allowing focus on an outcome rather than struggling with individual mechanisms steps. The RESTful Cisco DNA Center Intent API uses HTTPS verbs (GET, POST, PUT, and DELETE) with JSON structures to discover and control the network.

Reference:

<https://developer.cisco.com/docs/dna-center/#!cisco-dna-center-platform-overview/intent-api-northbound>

QUESTION 39

Which two features are characteristics of software-defined networks when compared to traditional infrastructure? (Choose two.)

- A. configured box-by-box
- B. changed manually
- C. use overlay networks
- D. designed to change
- E. require software development experience to manage

Correct Answer: CD

Explanation:

https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Data_Center/VMDC/SDN/SDN.html

QUESTION 40

Refer to the exhibit. Cisco SD-WAN deployment must be troubleshooted using vManage APIs. A call to vEdge Hardware Health API returns the data in the exhibit (only a portion is shown). If this JSON is converted to a Python dictionary and assigned to the variable "d", how the status is accessed that is indicated on line 16?

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```
1 {
2   'data':
3     [
4       {
5         'count': 4,
6         'detailsURL': '',
7         'name': 'vEdge Hardware Health',
8         'status': 'error',
9         'statusList':
10          [
11            {
12              'count': 4,
13              'detailsURL': '/dataservice/device/hardwarehealth/detail?state=normal',
14              'message': '4 {normal=4, warning=0, error=0}',
15              'name': 'normal',
16              'status': 'up'
17            }
18          ]
19       }
20     ]
21 }
```

- A. d[data][0][statusList][0][status]
- B. d['data']['statusList']['status']
- C. d{'data'}[0]['statusList'][0]['status']
- D. d['data'][0]['statusList'][0]['status']

Correct Answer: B

Explanation:

The 0s in option AC and D are not logical in this scenario. The status tag already takes care of the error message.

QUESTION 41

Information about a rebooted device needs to be displayed with an ID of 260aff9-2d31-4312-cf96-143b46db0211 using the Cisco SD-WAN vManage Administration APIs. The API documentation states that deviceId is a required request parameter. Fill in the blank to create the REST call.

<https://vmanage-ip-address:8443/dataservice/device/action/reboot> 260aff9-2d31-4312-cf96-143b46db0211

Correct Answer: "deviceId":

Explanation:

https://sdwan-docs.cisco.com/Product_Documentation/Command_Reference/Command_Reference/vManage_REST_APIs/Software_Maintenance_APIs/Reboot_Device

QUESTION 42

What is the purpose of using the Cisco SD-WAN vManage Certificate Management API?

- A. to generate a CSR
- B. to allocate resources to the certificate server
- C. to request a certificate from the certificate server
- D. to enable vManage Center

Correct Answer: A

Explanation:

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