

Cisco

Exam Questions 300-435

Automating and Programming Cisco Enterprise Solutions (ENAUTO)



NEW QUESTION 1

What are two characteristics of RPC API calls? (Choose two.)

- A. They can be used only on network devices.
- B. They use only UDP for communications.
- C. Parameters can be passed to the calls.
- D. They must use SSL/TLS.
- E. They call a single function or service.

Answer: AC

NEW QUESTION 2

Which two features are foundations of a software-defined network instead of a traditional network? (Choose two.)

- A. control plane and data plane are tightly coupled
- B. build upon a robust software stack
- C. requires device by device-level configurations
- D. automated through expressed intent to a software controller
- E. requires significant physical hardware resources

Answer: BD

NEW QUESTION 3

What are two characteristics of synchronous calls to APIs? (Choose two.)

- A. They can be used only with certain programming languages.
- B. They make your application less portable, so asynchronous calls are preferred.
- C. They can add perceived latency to your application if data is not received.
- D. They block until a response is returned from the servers.
- E. They do not block while waiting for the API to be processed.

Answer: CE

NEW QUESTION 4

Refer to the exhibit. What is the result when running the Python scripts?

- A. s1
- B. s2
- C. s1, s2, s3
- D. s3

Answer: B

NEW QUESTION 5

Refer to the exhibit. Which NETCONF protocol operation is used to interact with the YANG model?

- A. <edit-config>
- B. <get>
- C. <get-config>
- D. <copy-config>

Answer: A

NEW QUESTION 6

Which statement describe the difference between OpenConfig and native YANG data models?

- A. Native models are designed to be independent of the underlying platform and are developed by vendors and standards bodies, such as the IETF.
- B. Native models are developed by individual developers and designed to apply configurations on platforms.
- C. OpenConfig models are developed by vendors and designed to integrate to features or configurations that are relevant only to that platform.
- D. Native models are developed by vendors and designed to integrate to features or configurations that are relevant only to that platform.

Answer: A

NEW QUESTION 7

Refer to the exhibit. An engineer creates a Python script using RESTCONF to display hostname information. The code must be completed so that it can be tested. Which string completes the highlighted areas in the exhibit?

- A. yang-data+json
- B. yang +json
- C. yang.data+json
- D. json

Answer: A

NEW QUESTION 8

The automation engineer must replace device configuration using RESTCONF. How is this configured using the Python library Requests?

- A. delete()
- B. post()
- C. put()
- D. patch()

Answer: C

NEW QUESTION 9

Refer to the exhibit. An engineer creates an Ansible playbook to configure VRF information using a `local_vrfs` variable. The code must be completed so that it can be tested. Which string completes the code?

- A. present
- B. up
- C. on
- D. active

Answer: A

NEW QUESTION 10

Refer to the exhibit. Which XML tag completes this NETCONF telemetry subscription with a Cisco IOS XE device?

- A. crontab
- B. cadence
- C. frequency
- D. period

Answer: D

NEW QUESTION 10

FILL BLANK

Fill in the blank to complete the statement.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Zero touch provisioning (ZTP)

NEW QUESTION 13

Which tag is required when establishing a YANG-push subscription with a Cisco IOS XE device?

- A. <yp:period>
- B. <yp:subscription-result>
- C. <yp:subscription-id>
- D. <yp:xpath-filter>

Answer: D

NEW QUESTION 18

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.

Answer: A

NEW QUESTION 21

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

Answer: D

NEW QUESTION 25

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

Answer: CE

NEW QUESTION 26

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

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

Answer: AC

NEW QUESTION 27

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

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

Answer: C

NEW QUESTION 29

FILL BLANK

Information about a rebooted device needs to be displayed with an ID of 260faff9-2d31-4312-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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

“deviceid”:

NEW QUESTION 32

FILL BLANK

Fill in the blank to complete the URL for the Cisco SD-WAN API that retrieves a list of users that are logged into a device.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

interface?

NEW QUESTION 33

Refer to the exhibit. A Python script has been created that calls the Cisco SD-WAN vManage Device Inventory API to get the list of vEdges. The JSON data that returns to a Python dictionary has been converted and assigned to a variable named “d”. A portion of the JSON is shown in the exhibit. Which code will complete the expression `hostname=` to access the hostname?

- A. `d[“data”][0][“host-name”]`
- B. `d[data][0][host-name]`
- C. `d(“data”)[0](“host-name”)`
- D. `d[“host-name”][“data”]{“0”}`

Answer: A

NEW QUESTION 36

FILL BLANK

Fill in the blank to complete the URL for an API call to Cisco SD-WAN to display the history of the Bidirectional Forwarding Detection sessions that run on a vEdge router.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

bfd/synced/sessions?

NEW QUESTION 40

Refer to the exhibit. A Python script must be created to deactivate vSmart Policy Cisco SD-WAN vManage Configuration APIs. The documentation states the URL is as shown in the exhibit for this REST call using POST, and that “policyId” is a required request parameter. Which line of Python code makes this call, assuming the variable “s” is a valid Requests session object and the variable “policy-id” is the policyId?

- A. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate?policyId=%s' % policy_id)
- B. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate/%s' % policy_id)
- C. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate&policyId=%s' % policy_id)
- D. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate/', data = {'policyId': policy_id})

Answer: A

NEW QUESTION 42

A configuration has been made to add to every switch port a new port description. The script worked initially, but after a few seconds, an HTTP 429 status code was received. What causes this error message from the Meraki cloud?

- A. The wrong API key is used to query the data.
- B. The rate limit of the Cisco Meraki API is exceeded.
- C. The API key has expired.
- D. The device goes offline while you poll the API dashboard.

Answer: B

NEW QUESTION 43

Which Python snippet receives a Meraki webhook request?

- A.

A.

B.

C.

Answer: D

NEW QUESTION 47

With the MV Sense API, which REST endpoint provides LUX level?

- A. /merakimv/XXXX-XXXX-XXXX/light
- B. /merakimv/XXXX-XXXX-XXXX/raw_detections
- C. /merakimv/XXXX-XXXX-XXXX/0
- D. /merakimv/XXXX-XXXX-XXXX/zones

Answer: A

NEW QUESTION 48

Which REST endpoint is used to create a Cisco Meraki network?

- A. POST /organizations/{organizationId}/networks
- B. PATCH /networks{networkId}
- C. PUT /organizations/{organizationId}/networks
- D. POST /networks{networkId}

Answer: A

NEW QUESTION 50

Refer to the exhibit. Which two parameters are mandatory when the Cisco Meraki API is used to create a network? (Choose two.)

- A. timezone
- B. disableMyMerakiCom
- C. type
- D. tags
- E. organizationId

Answer: AE

NEW QUESTION 51

Which HTTP request is valid to create a new wireless network called “Demo Wireless Network” in the organization “QASD- EROA-MKAW”?

C.

Answer: A

NEW QUESTION 56

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