

350-901^{Q&As}

Developing Applications Using Cisco Core Platforms and APIs (DEVCOR)

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QUESTION 1

A developer in a learn of distributed authors is working on code in an isolated Git branch named \\'update4a2f5464771 The developer attempts to merge the new code with a branch named \\'dvcapp2a3f1564733\\' however the merge operation encounters a conflict error during the process. Which Git command must the developer use to exit from the merge process and return the branch to the previous state?

A. git merge -exit

B. git merge -abort

C. git abort --merge

D. git abort -status

Correct Answer: B

QUESTION 2

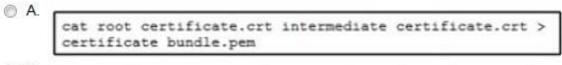
An application requires SSL certificates signed by an intermediate CA certificate. The crt files must be available to the application:

The root CA certificate is root_certrficate.crt.

The intermediate CA certificate is intermediate_certificate.crt

The application-specific SSL certificate is crt_certificate.crt.

Which Bash command outputs the certificate bundle as a .pern file?



- Cat root certificate.crt intermediate certificate.crt
 crl certificate.crt > certificate bundle.pem
- C. cat crl certificate.crt intermediate certificate.crt root certificate.crt > certificate bundle.pem
- O D. cat intermediate_certificate.crt root_certificate.crt > certificate_bundle.pem
- A. Option A
- B. Option B
- C. Option C



D. Option D

Correct Answer: D

QUESTION 3

AppGigabitEthernet interface is used as data port for a container on a Cisco Catalyst 9000 Series Switch. Which two interface configuration options should be used? (Choose two.)

- A. trunk interface
- B. bridged virtual interface
- C. SPAN port
- D. management interface
- E. subinterface

Correct Answer: AC

QUESTION 4

Refer to the exhibit.

\$ docker node la		
ID	HOSTNAME	STATUS
AVAILABILITY	MANAGER STATUS	
cfeae09c992f *	docker-west-01	Ready
Active	Reachable	- 8
8c15d37dda1f	docker-west-02	Ready
Active		
0683c478497b	docker-central-01	Ready
Active	Leader	
9a30a613f083	docker-central-02	Ready
Active		C-234000
0ac8a7b59d9a	docker-east-01	Ready
Active	Reachable	
dcd6ecda93d3	docker-east-02	Ready
Active		100-07-10-5

A Docker swarm cluster is configured to load balance services across data centers in three different geographical regions west central and east. The cluster has three manager nodes and three worker nodes Anew service named cisco.devnet is being deployed. The service has these design requirements:

All containers must be hosted only on nodes in the central region The service must run only on nodes that are ineligible for the manager role

Which approach fulfills the requirements?

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- A. Create a second swarm cluster that is hosted only in the central region.
- B. Create the service manually in the central region and set replicas to 0.
- C. Use placement constraints to control nodes to which the service can be assigned.
- D. Enable the control flag in the containers of the west and east regions to prevent the service from starting

Correct Answer: D

QUESTION 5

Refer to the exhibit.

Recently, users have reported problems logging into an application with their usernames and passwords. The logs have captured an authentication attempt. Based on the messages and errors contained, what is the cause of the problem?

- A. The sign-in redirection is sending clients to the wrong server for SSO.
- B. There is a time synchronization issue between the application and LDAP.
- C. Users are providing incorrect credentials when logging in.
- D. The LDAP server used for authentication fails to respond to connection requests

Correct Answer: A

QUESTION 6

DRAG DROP

Refer to the exhibit. Drag and drop the correct parts of the Dockerfile from the left onto the item numbers on the right that match the missing sections in the exhibit to complete the Dockerfile to successfully build and deploy a container

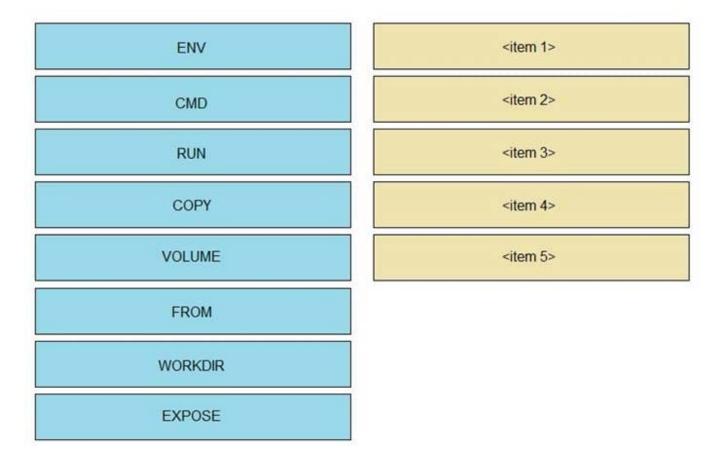


running a Python application. Not all parts of the Dockerfile are used.

```
<item 1> python:3.6-alpine
<item 2> . .
<item 3> pip install -r requirements.txt
<item 4> 5001
<item 5> ["python", "app.py"]
```

Select and Place:

Answer Area



Correct Answer:



Answer Area

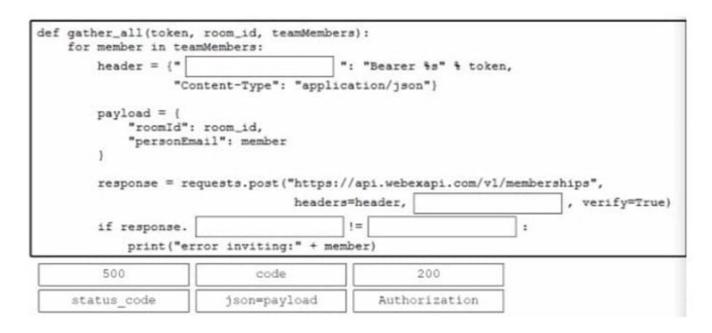
ENV	FROM
	COPY
	RUN
	EXPOSE
VOLUME	CMD
WORKDIR	

QUESTION 7

DRAG DROP

A developer is creating a Python function that adds network engineers to a Webex room to troubleshoot after a monitoring alert Drag and drop the code from the bottom onto the box where the code is missing in the Python function to add the engineers to the room. Not all options are used.

Select and Place:



Correct Answer:

```
def gather_all(token, room_id, teamMembers):
   for member in teamMembers:
       header = {"
                    Authorization
                                        ": "Bearer %s" % token,
                  "Content-Type": "application/json")
       payload = (
            "roomId": room_id,
            "personEmail": member
        response = requests.post("https://api.webexapi.com/vl/memberships",
                                  headers=header,
                                                      ison=payload
                                                                       , verify=True)
        if response.
                         status code
                                                     200
            print("error inviting:" + member)
        500
                             code
```

QUESTION 8

What is the gRPC Network Management Interface protocol?

- A. a unified management protocol for streaming telemetry and database logging
- B. a configuration management protocol for monitoring
- C. a protocol for configuration management and streaming telemetry



D. a logging protocol used across database servers

Correct Answer: C

Reference: https://infohub.delltechnologies.com/l/enterprise-sonic-distribution-by-dell- technologies-lifecyclemanagement/grpc-network-management-interface

QUESTION 9

Refer to the exhibit.

```
import requests
url = "https://api.meraki.com/api/v0/networks/2/clients"

payload = None
headers = {
    "Content-Type": "application/json",
    "Accept": "application/json",
    "X-Cisco-Meraki-API-Key": "1b87b584fb541leaadc10242ac120002"
}
response = requests.request('GET', url, headers=headers, data = payload)
print(response.text.encode('utf8'))
```

A Python script must list network clients in the Cisco Meraki API that have used a network with an ID of 2 The number of client entries per returned page is restricted to 1.000 according to the API specification Network 2 has 2.500 clients. What must be added where the code is missing to print the content of each response?

```
A.
       if response.links.get('next');
           url = response.links['next']['url']
           response = requests.get(url)
           print (response.text)
B.
        url = "https://spi.meraki.com/spi/u0/networks/2/
        clients?startingAfter=1000
        response * requests.get(url)
       print(response.text)
C.
       url = "https://api.meraki.com/api/90/networks/2/
       clients?perFage=1500
       response = requests.get(url)
       print(response.text)
D.
         response.links.get('next'):
           url - links['url'
           response = requests.get(url)
           print(response.text)
```

A. B. C. D.

Correct Answer: A

QUESTION 10



DRAG DROP

An engineer is developing a web-based application that will be used as a central repository for the HR department. The application needs to authenticate user access and encrypt communication. Drag and drop the steps from the left into the order on the right to install an application-specific SSL certificate.

Select and Place:

Configure the application to use HTTPS.	step 1
Acquire the SSL certificate.	step 2
Install the SSL certificate.	step 3
Create a certificate signing request.	step 4

Correct Answer:

(Create a certificate signing request.
,	Acquire the SSL certificate.
	Install the SSL certificate.
(Configure the application to use HTTPS

QUESTION 11

A developer creates an application for a Cisco Catalyst 9000 switch in a Docker container. Which action must be taken to host the application on the switch?

- A. Copy the application code to a NETCONF file and upload the file to the switch
- B. Connect the switch to Cisco DNA Center and push the application through the platform.
- C. Use the Cisco IOxClient tool to export the application to a ZIP file and push the file to the switch
- D. Export the application as a TAR file and import the file to the switch

Correct Answer: D

QUESTION 12



Refer to the exhibit.

```
headers = (
                                                        )
try:
    response = requests.get("https://sandboxdnac.cisco.com/dna/intent/api/v1/wireless/profile",
    headers-headers, verify-False)
except requests/exceptions.RequestException as cerror:
    print("Error processing request", cerror)
    sys.exit(1)
```

Which code snippet is required in the headers to successfully authorize wireless information from Cisco DNA Center?

- A. headers = {`X-auth-token\\':\\'fa8426a0-8eaf-4d22-8e13-7c1b16a9370c\\\'}
- B. headers = {`Authorization\\':\\'Basic YWRtaW46R3JhcGV2aW5IMQ==\\'}
- C. headers = {`Authorization\\':\\'Bearer ASDNFALKJER23412RKDALSNKF"}
- D. headers = {`Content-type\\':\\'application/json}

Correct Answer: A

QUESTION 13

DRAG DROP

A paginated endpoint in the API accepts in 3 special query parameters:

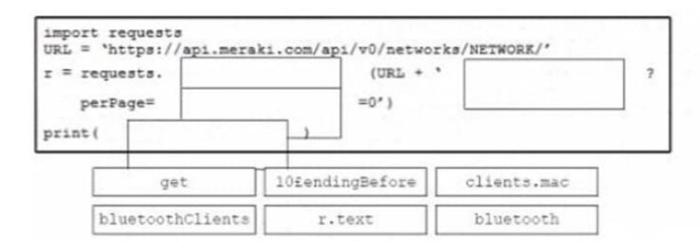
- perPage: The number of entries to be returned in the page (the current request)
- . startingAfter: A token used by our server to indicate the starting "identifier" of the page (i.e. the data we return in this request will start immediately after the entry with this "identifier")
- · endingBefore: A token used by our server to indicate the ending "identifier" of the page (i.e. the data we return in this request will end immediately before the entry with this "identifier")

The actual types of the startingAfter and endingBefore identifiers will vary depending on the API endpoint. However, they typically fall into 2 categories:

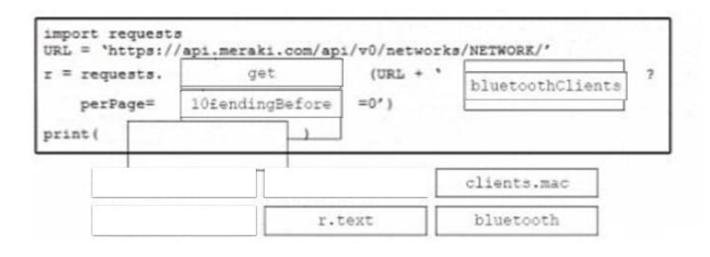
- · Timestamps: The values of startingAfter and endingBefore are timestamps if we're paginating based on time. In other words, each entry returned in the response has some timestamp value associated with it, and each request returns a fixed number of these entries based on the value of the perPage parameter. We use timestamps as the "boundaries" between pages.
 - For example, the current page might contain entries with timestamps ranging from exactly 2 days ago to exactly 1 day ago. The previous page might be referred to by { endingBefore: <2 days ago> }, and the next page might be referred to by { startingAfter: <1 day
 - For example, the current page might contain 5 entries with integer IDs ranging from 101 to 105 inclusive. The previous page might be referred to by { endingBefore: 181 }, and the next page might be referred to by { startingAfter: 185 }

Refer to the exhibit Drag and drop the code from the bottom onto the box where the code is missing to query the last 10 Bluetooth clients seen by APs in their network using the Meraki Dashboard API Not all options are used.

Select and Place:



Correct Answer:



QUESTION 14

```
"version": "3.0",
"secret": "supersecret",
"type": "WiFi",
"data": {
     "networkId" : "L 0000000000391274",
     "observations": [
          {
               "locations": [],
               "ipv4": null,
               "ssid": null,
               "os": null,
                           ": "cc:cc:66:58:85:23",
               "latestRecord": [
                         "time": "2020-10-19T10:23:21z",
                         "nearestApMac": "aa:aa:22:56:2e:42",
                          "nearestApRssi": "-62"
                },
```

Refer to the exhibit. The JSON response is received from the Meraki location API. Which parameter is missing?

- A. apMac
- B. clientMac
- C. clientId
- D. accesspoint

Correct Answer: B

Reference: https://community.meraki.com/t5/Developers-APIs/Location-lat-Ing-and-x-y-are- showing-similar-for-all-devices/td-p/65707

QUESTION 15

DRAG DROP

Drag and drop the code from the bottom onto the box where the code is missing to create a new IKEv2 policy. Not all options are used.

Select and Place:

```
import requests, json
BASE_URL = 'https://ftd.example.com/api/fdm/latest'
url =
token = 'eyJhbGc ... yJbN8'
payload = {
   'name': 'DEVNET_IKEV2',
    'enabled': True,
    'priority': 0,
    'type':
    'encryptionTypes': ['AES_GCM256', 'AES256']
headers = {
  'Authorization':
  'Content-Type': 'application/json'
                                                                     , url,
response = requests.request(
           headers=headers, data=json.dumps(payload))
print(response.text.encode('utf8'))
          f'Bearer {token}',
                                                  'ikevtwopolicy'
          'ikevtwopolicies'
                                         f'(BASE URL)/object/ikev2policy'
                                                      "POST"
 f'(BASE URL)/object/ikev2policies'
          f'Basic (token)',
```

Correct Answer:

```
import requests, json
BASE_URL = 'https://ftd.example.com/api/fdm/latest'
url = f'{BASE URL}/object/ikev2policies'
token = 'eyJhbGc ... yJbN8'
payload = {
   'name': 'DEVNET_IKEV2',
   'enabled': True,
   'priority': 0,
                       'ikevtwopolicy'
   'type':
    'encryptionTypes': ['AES_GCM256', 'AES256']
headers = {
  'Authorization':
                            f'Bearer {token}',
  'Content-Type': 'application/json'
                                             "POST"
                                                                    , url,
response = requests.request(
          headers=headers, data=json.dumps(payload))
print(response.text.encode('utf8'))
          'ikevtwopolicies'
                                         f'(BASE URL)/object/ikev2policy'
          f'Basic (token)',
```

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