200-901 Dumps

Developing Applications and Automating Workflows using Cisco Core Platforms (DEVASC)

https://www.certleader.com/200-901-dumps.html

NEW QUESTION 1
Refer to the exhibit.

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)):

Which JSON is equivalent to the XML –encoded data?

List Messages

Lists all messages in a room. Each message will include content attachments if present.

The list sorts the messages in descending order by creation date.

Long result sets will be split into pages.

`GET /v1/messages`

Query Parameters

roomId
string   *Required*
    List messages in a room, by ID.

mentionedPeople
array
    List messages with these people mentioned, by ID.
    Use me as a shorthand for the current API user.

before
string
    List messages sent before a date and time.

beforeMessage
string
    List messages sent before a message, by ID.

max
number
    Limit the maximum number of messages in the response.
    Default: 50

Try it   Example

`GET /v1/messages(?roomId,mentionedPeople,before,beforeMessage`

Header

Authorization   Use personal access token

Bearer ••••••••••••••••••••

This limited-duration personal access token is hidden for your security.

Query Parameters

roomId
Required   e.g. Y2lzY29GFyazovL3VzL 1JPT00vYmJj

mentionedPeople   e.g. Y2lzY29GFyazovL3VzL 1BFT1BMRS6

before   e.g. 2016-04-2fTf:9:01:55:966Z

beforeMessage   e.g. Y2lzY29GFyazovL3VzL 1FU1NBROL

max   e.g. 100

Run

```
bash-3.2$ curl -H "Content-Type: application/json" -H "Authorization:
Fj2zzzykEa091ic9GK2j8LtE1HklHklH6oRHPQdw1Pat60i7ndtHHnWzL2b5pqMg14Kk_B9EI59isacLy7-
NarA02n9H-tGgt-SxQ39iDejgcs" -i -X POST -d "{ \"roomId\":
\"Y2geK53sjEknosrC7SwQ5ZGL99pHgiuScB7DfNvUsr8Xx4wDKLiPORcEkryAnM3QmK9LQZsP0G4\"
, \"text\": \"test2\" }" https://api.ciscospark.com/v1/messages


HTTP/1.1 401 Unauthorized
Via: 1.1 linkerd
TrackingID: ROUTER_5E0FDC8C-EB6F-01BB-00EF-806BF1BD00EF
Date: Sat, 04 Jan 2020 00:30:04 GMT
Server: Redacted
Content-Length: 267
Content-Type: application/json
Strict-Transport-Security: max-age=63072000; includeSubDomains; preload

{"message":"The request requires a valid access token set in the Authorization request
header.","errors":[{"description":"The request requires a valid access token set in the
Authorization request
header."}],"trackingId":"ROUTER_5E0FDC8C-EB6F-01BB-00EF-806BF1BD00EF"}

bash-3.2$
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: A

NEW QUESTION 2
Fill in the blanks to complete the python script to request a service ticket using the APIC-EM rest API for the user "devnetuser".

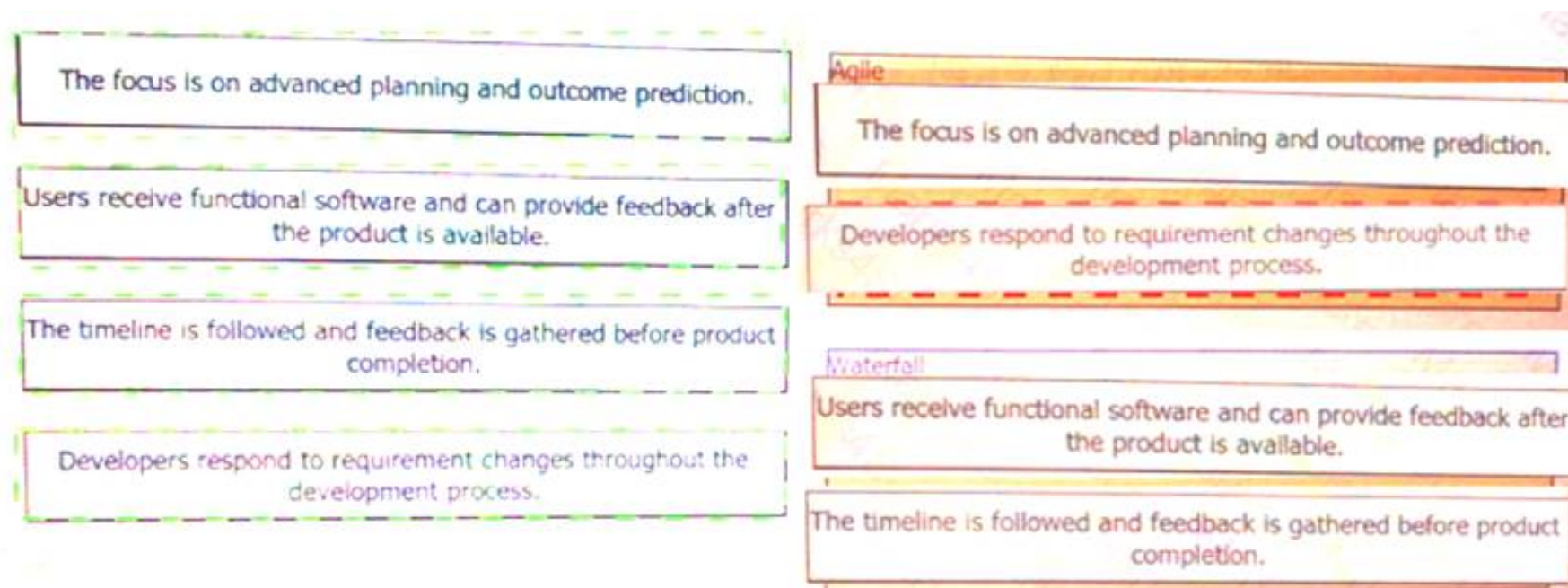| The focus is on advanced planning and outcome prediction. | | Agile |
Users receive functional software and can provide feedback after the product is available.		
The timeline is followed and feedback is gathered before product completion.		Waterfall
Developers respond to requirement changes throughout the development process.		

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Solution as below

The focus is on advanced planning and outcome prediction.	**Agile** The focus is on advanced planning and outcome prediction.
Users receive functional software and can provide feedback after the product is available.	Developers respond to requirement changes throughout the development process.
The timeline is followed and feedback is gathered before product completion.	**Waterfall** Users receive functional software and can provide feedback after the product is available.
Developers respond to requirement changes throughout the development process.	The timeline is followed and feedback is gathered before product completion.

NEW QUESTION 3

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.

Answer: C

NEW QUESTION 4
Refer to the exhibit.

```
$ 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
```

What is represented in this YANG module?

A. interface management
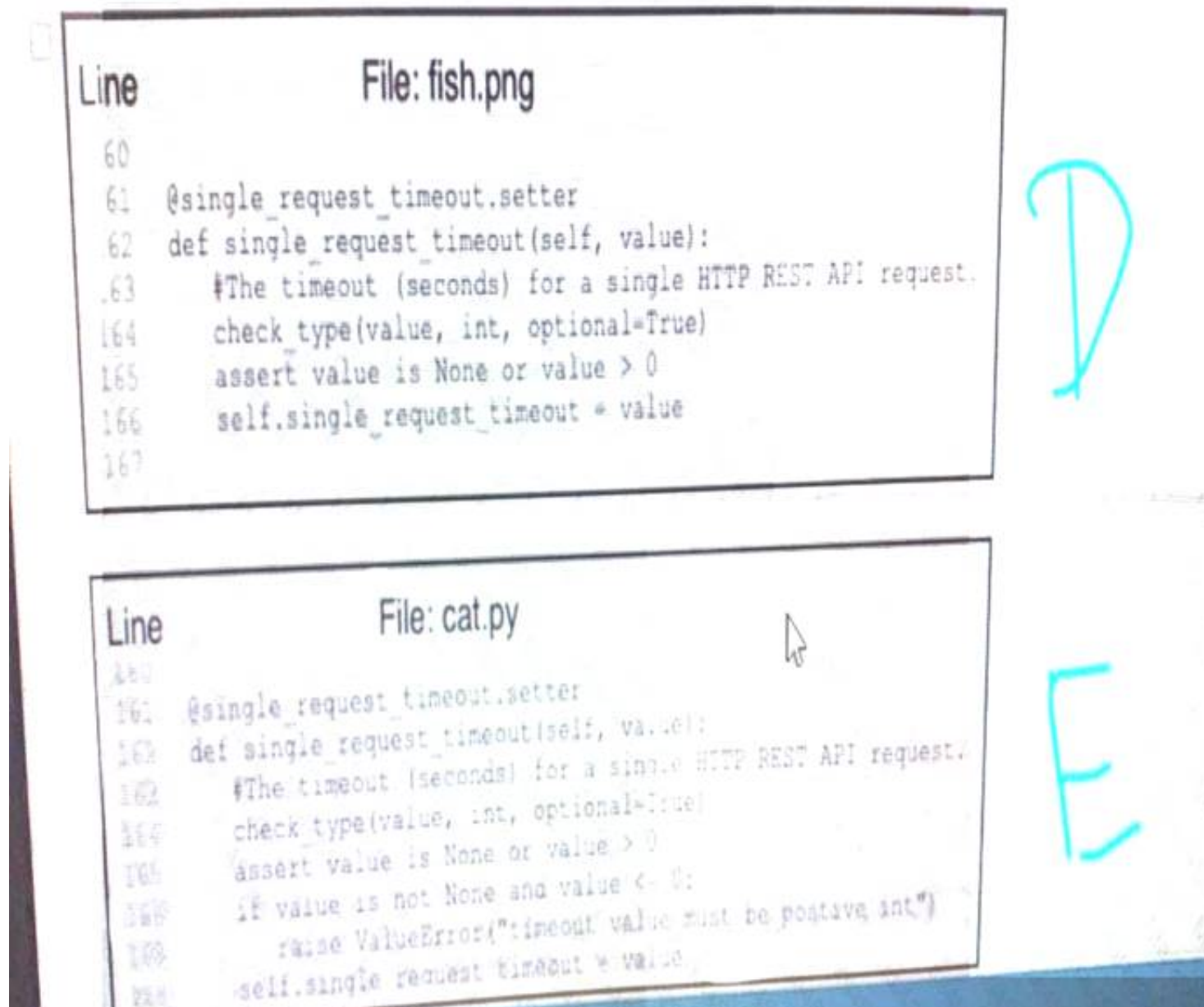B. topology
C. BGP
D. OpenFlow

Answer: A

NEW QUESTION 5
When using the Bash shell, how it the output of the devnet command saved to a tile named "output.txt"?

A. devnet & output.txt
B. devnet > output.txt
C. devnet < output.txt
D. devnet I output.txt

Answer: B

NEW QUESTION 6
Refer to the exhibit.

```
Line                 File: fish.png
60
61      @single_request_timeout.setter
62      def single_request_timeout(self, value):
.63         #The timeout (seconds) for a single HTTP REST API request.
164         check_type(value, int, optional=True)
165         assert value is None or value > 0
166         self.single_request_timeout = value
167
```

```
Line                 File: cat.py
160
161     @single_request_timeout.setter
162     def single_request_timeout(self, value):
162         #The timeout (seconds) for a single HTTP REST API request.
164         check_type(value, int, optional=True)
165         assert value is None or value > 0
166         if value is not None and value < 0:
168             raise ValueError(":imeout value must be positive int")
        self.single_request_timeout = value
```

What is the effect of this Ansible playbook on an IOS router?

A. A new running configuration is pushed to the IOS router.
B. The current running configuration of the IOS router is backed up.
C. The start-up configuration of the IOS router is copied to a local folder.
D. A new start-up configuration is copied to the IOS router.

Answer: B

NEW QUESTION 7
Which CI/CD tool is an automation tool used to build, test, and deploy software?

A. Nagios
B. Gradle
C. Jenkins
D. Git

Answer: C

NEW QUESTION 8
Which description of a default gateway if true?

A. It is a device that receives IP packets that have no explicit next-hop in the routing table.
B. It is a feature that translates between public and private addresses.
C. It is a security feature that denies certain traffic.
D. It is a device that receives Layer 2 frames with an unknown destination address.

Answer: A

NEW QUESTION 9
Which status code is used by a REST API to indicate that the submitted payload is incorrect?

A. A.-400B.403C.405D.429

Answer: A

NEW QUESTION 10
Refer to the exhibit.

```
>>> from cli import *
>>> import json

>>>
>>> cli('configure terminal ; interface loopback 5 ; no shut')
'/
>>> intflist=json.loads(clid('show interface brief'))
>>> i=0
>>> while i < len (intflist['TABLE_interface']['ROW_interface']):
...     intf=intflist['TABLE_interface']['ROW_interface'][i]
...     i=i+1
...     if intf['state'] == 'up':
            print intf['interface']
```

What caused the error in this API request?

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 resources.
D. The submitted JSON payload has a formatting issue.

Answer: D

NEW QUESTION 10
Which two types of NAT are used in a network? (Choose two.)

A. Static NAT
B. Normal NAT
C. Multicast NAT
D. Dynamic NAT
E. Router NAT

Answer: AD

NEW QUESTION 11
Drag and drop the requests from the left into the correct order on the right to create and check the path trace between two devices using Cisco DNA center API.

HTTP GET /v1/rooms ?sortBy=lastactivity

A. Mastered
B. Not Mastered

Answer: A

Explanation:
1 – C, 2 – D, 3 – B, 4 - A

NEW QUESTION 13
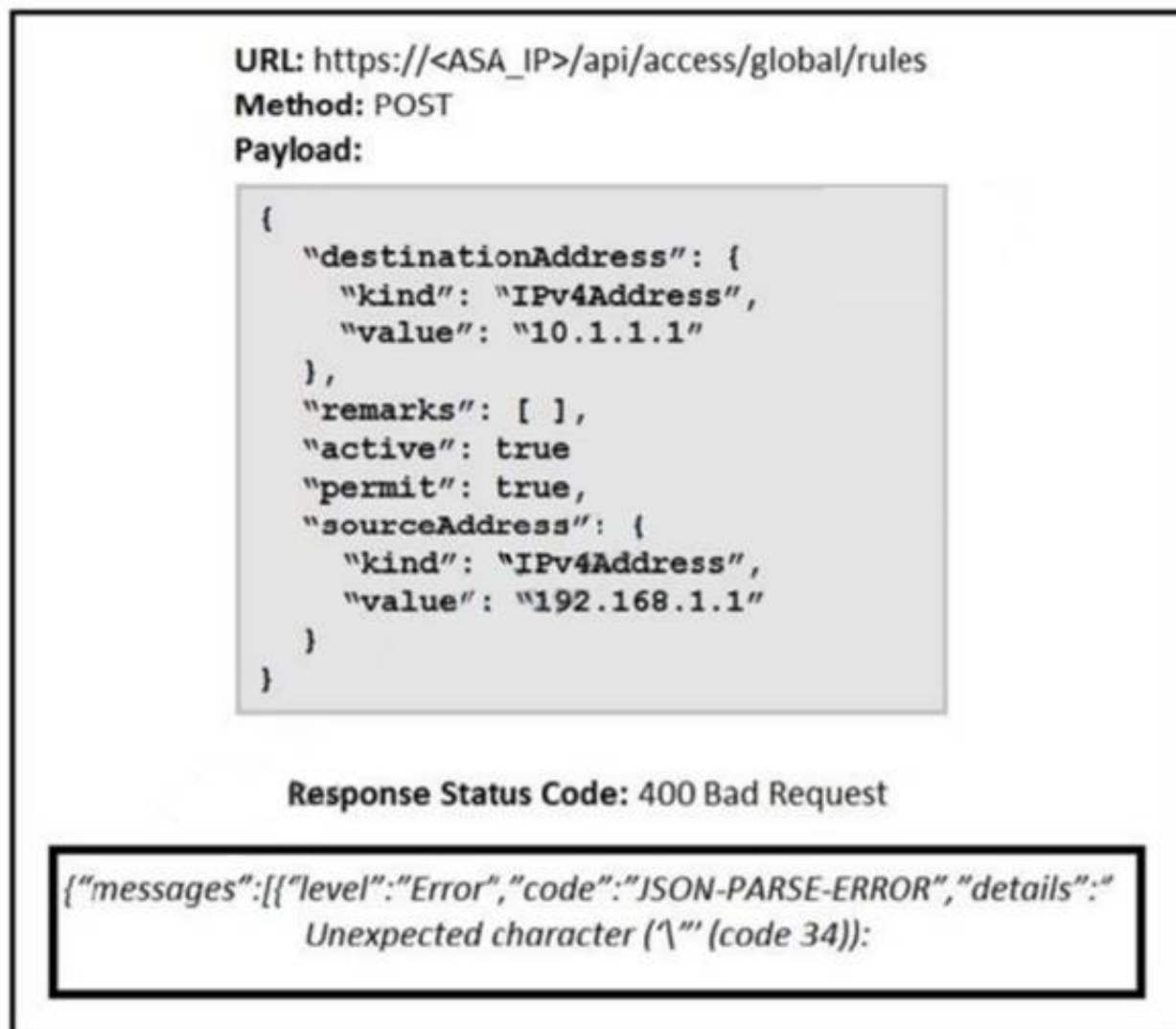In DNS, which record specifies an alias that refers to another name that ultimately resolves to an IP address?

A. AAA
B. SOA
C. NS
D. CNAME
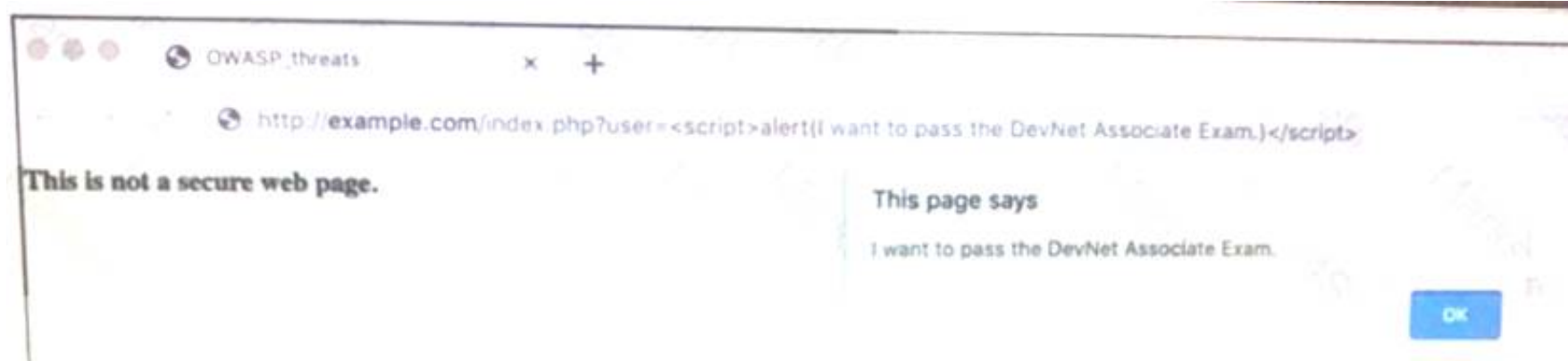
Answer: D

NEW QUESTION 18
Refer to the exhibit.

```
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)):
```

What is the function of the python script?

A. Count and print the total number of available devices.
B. Iterate over a list of network devices and write all device names and management IP addresses to anoutput file.
C. Iterate over a list of network devices and write all device type and associated management IP address.
D. For each device that is returned, display the device and, for each device, print the device name and management IP address.
E. Loop through the returned list of network devices and, for each device, print the device name management IP address.

Answer: E

NEW QUESTION 19
Fill in the blanks to complete the cURL command that invokes a RESTful API to retrieve a resource in JSON format using OAuth.

curl –X _____ -H " _____: application/json" \
-H " _____: Bearer AbCdEf123456" https://localhost/api/myresource

A. Mastered
B. Not Mastered

Answer: A

Explanation:
See the solution below.

```
<books>
  <science>
    <biology>10.00</biology>
    <geology>9.00</geology>
    <chemistry>8.00</chemistry>
  </science>
  <math>
    <calculus>20.00</calculus>
    <algebra>12.00</algebra>
  </math>
</books>
```

NEW QUESTION 24
Which mechanism is used to consume a RESTful API design when large amounts of data are returned?

A. Data sets
B. Scrolling
C. Blobs
D. Pagination

Answer: D

NEW QUESTION 28
Which two encoding formats do YANG interfaces support?

A. JSON
B. XML
C. XHTML
D. Plain text
E. BER

Answer: AB

NEW QUESTION 32
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

Answer: D

NEW QUESTION 35
Drag and Drop the Bash commands from the left onto the correct actions on the right.

Response Headers	Request Headers
HTTP Request	Request Payload
HTTP Response	HTTP Request
Request Payload	HTTP Response
Request Headers	Response Headers
Response Payload	Response Payload

A. Mastered
B. Not Mastered

Answer: A

Explanation:
1 - d, 2 - i, 3 - e, 4 - a, 5 - j, 6 - b, 7 - g, 8 - h, 9 - c, 10 - f

NEW QUESTION 39
Fill in the blanks to complete the statement.
Given a username of "devnet" And a password "Cisco123", applications must create a base64 encoding of the string"_____ " when sanding HTTP requests to
an API that uses _____ authentication.

Cisco DNA Center provides the capability to send an HTTP `GET` [ ] request to the API endpoint
`https://DNA-C_API_ADDRESS/api/v1/network-device/` and receive the network `device` list in `JSON` format

A. Mastered
B. Not Mastered

Answer: A

Explanation:

```
docker run -p 3000:5000 f877cbf2ff33
```

NEW QUESTION 43
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

Answer: B

NEW QUESTION 44
Refer to the exhibit.

List the clients that have used this network in the timespan

HTTP REQUEST

`GET /networks/ {networkId}/clients`

PARAMETERS

t0

The beginning of the timespan for the data. The maximum lookback period is 31 days from today.

timespan

The timespan for which the information will be fetched. If specifying timespan, do not specify parameter t0. The value must be in seconds and be less than or equal to 31 days. The default is 1 day.

perPage

The number of entries per page returned. Acceptable range is 3 – 1000. Default is 10.

startingAfter

A token used by the server to indicate the start of the page. Often this is a timestamp or an ID but it is not limited to those. This parameter should not be defined by client applications. The link for the first, last, prev, or next page in the HTTP Link header should define it.

endingBefore

A token used by the server to indicate the end of the page. Often this is a timestamp or an ID but it is not limited to those. This parameter should not be defined by client applications. The link for the first, last, prev, or next page in the HTTP Link header should define it.

The output of a unified diff when comparing two versions of a python script is shown. Which two "single_ request _ timeout ()"

```
base_url = https://api.meraki.com/api/v0"
network_id = "L_12345678910"
api_key = "1098hadpfsiapsf8ahf8ohp"
requests.<item 1> (
    <item 2> + "/<item 3>/" + /<item 4>, "/<item 5>",
    headers = {
        "X-Cisco-Meraki-API-Key": "<item 6>",
        "Content-Type": "<item 7>"
    },
    <item 8>={"<item 9>":/<item 10>})
```

A. Option A

B. Option B
C. Option C
D. Option D

Answer: BC

NEW QUESTION 46
Fill in the blanks to complete the python script to retrieve a list of network devices using the Cisco DNA center API.

params	<item 1>
networks	<item 2>
timespan	<item 3>
get	<item 4>
432000	<item 5>
base_url	<item 6>
application/json	<item 7>
network_id	<item 8>
clients	<item 9>
api_key	<item 10>

A. Mastered
B. Not Mastered

Answer: A

Explanation:

params	get
networks	base_url
timespan	networks
get	network_id
432000	clients
base_url	api_key
application/json	application/json
network_id	params
clients	timespan
api_key	432000

NEW QUESTION 51
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