

➤ **Vendor: Cisco**➤ **Exam Code: 350-901**➤ **Exam Name: Developing Applications Using Cisco Core Platforms and APIs (DEVCOR)**➤ **New Updated Questions from [Braindump2go](#) (Updated in [Dec./2020](#))****[Visit Braindump2go and Download Full Version 350-901 Exam Dumps](#)****QUESTION 62**

Refer to the exhibit. An Intersight API is being used to query RackUnit resources that have a tag keyword set to "Site". What is the expected output of this command?

`$filter { string }` query

Filter criteria for documents to return. A URI with a \$filter System Query Option identifies a subset of the Entries from the Collection of Entries identified by the Resource Path section of the URI. The subset is determined by selecting only the Entries that satisfy the predicate expression specified by the query option. The expression language that is used in \$filter operators supports references to properties and literals. The literal values can be strings enclosed in single quotes, numbers and boolean values (true or false) or any of the additional literal representations shown in the Abstract Type System section. Query examples: \$filter=Name eq 'Bob' \$filter=Tags/any(t: t/Key eq 'Site') \$filter=Tags/any(t: t/Key eq 'Site' and t/Value eq "London")

`GET /api/v1/compute/RackUnits?$filter=Tags/any (t:t/Key eq 'Site')`

- A. list of all resources that have a tag with the keyword "Site"
- B. error message because the Value field was not specified
- C. error message because the tag filter should be lowercase
- D. list of all sites that contain RackUnit tagged compute resources

Answer: A**QUESTION 63**

A user is receiving a 429 Too Many Requests error. Which scheme is the server employing that causes this error?

- A. rate limiting
- B. time outs
- C. caching
- D. redirection

Answer: A**QUESTION 64**

Refer to the exhibit. Which line of code must be added to this code snippet to allow an application to pull the next set of paginated items?

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Meraki Dashboard API Response

```
-----
Response Status Code      : 200
Response Link Header      :
<https://n6.meraki.com/api/v0/organizations/681155/devices?perPage=3&startingAfter=
0000-0000-0000>; rel=first,
<https://n6.meraki.com/api/v0/organizations/681155/devices?perPage=3
&startingAfter=Q2EK-3UBE-RRUY>; rel=next,
<https://n6.meraki.com/api/v0/organizations/681155/devices?endingBefore=zzzz-zzzz-
zzzz&perPage=3>; rel=last
Response Body            : [
  {
    "name": "",
    "serial": "Q2CV-V49B-RCMZ",
    "mac": "0c:8d:db:95:aa:39",
    "networkId": "L_566327653141846927",
    "model": "MV71",
    "address": "430 E Cactus Ave.\nLas Vegas, NV 89183",
    "lat": 36.00017,
    "lng": -115.15302,
    "notes": "",
    "tags": "",
    "lanIp": "192.168.0.25",
    "configurationUpdatedAt": "2019-08-08T02:15:36Z",
    "firmware": "camera-3-30"
  },
  {
    "name": "Alex's MR84 - 1",
    "serial": "Q2EK-2LYB-PCZP",
    "mac": "e0:55:3d:10:56:8a",
    "networkId": "L_566327653141846927",
    "model": "MR84",
    "address": "",
    "lat": 39.9482993357826,
    "lng": -82.9895675461739,
    "notes": "",
    "tags": "",
    "lanIp": null,
    "configurationUpdatedAt": "2018-02-03T11:02:37Z",
    "firmware": "Not running configured version"
  },
  {
    "name": "Vegas Living Room MR84",
    "serial": "Q2EK-3UBE-RRUY",
    "mac": "e0:55:3d:10:5a:ca",
    "networkId": "L_566327653141846927",
    "model": "MR84",
    "address": "430 E Cactus Ave.\nLas Vegas, NV 89183",
    "lat": 36.00015,
    "lng": -115.15308,
    "notes": "",
    "tags": "",
    "lanIp": "192.168.0.20",
    "configurationUpdatedAt": "2018-09-29T12:23:21Z",
    "firmware": "Not running configured version"
  }
]
```

```
import request
import json

meraki_api_key = "<api key>"
url =
"https://api.meraki.com/api/v0/organizations/1234567890/devices"
headers = {
    "X-Cisco-Meraki-API-Key": meraki_api_key,
}
params = {
    "perPage": 3
}
res = requests.get(url, headers=headers, params=params)
formatted_message = ""
Meraki Dashboard API Response
-----
Response Status Code : {}
Response Link Header : {}
Response Body : {}
-----
"".format(res.status_code, res.headers.get('Link'),
json.dumps(res.json(), indent=4))
print(formatted_message)
```

```
<https://n6.meraki.com/api/v0/organizations/1234567890/devices?perPage=
3&startingAfter=0000-0000-0000>; rel=first,
<https://n6.meraki.com/api/v0/organizations/1234567890/devices?perPage=
3&startingAfter=Q2EK-3UBE-RRUY>; rel=next,
<https://n6.meraki.com/api/v0/organizations/1234567890/devices?
endingBefore=zzzz-zzzz-zzzz&perPage=3>; rel=last
```

- A. requests.get(url, links=['next']['url'])
- B. requests.get(url, headers=links['next']['url'])
- C. requests.get(res.links['next']['url'], headers=headers)
- D. requests.get(res.headers.get('Link')['next']['url'], headers=headers)

Answer: C

QUESTION 65

An Etag header is included in the HTTP response for an API resource. What are two benefits of using the value of the Etag for future interactions involving the same API resource? (Choose two.)

- A. caching and optimization of response payloads
- B. creating conditional requests
- C. categorizing and comparing this API resource with others
- D. checking the integrity of the resource
- E. requesting the list of operations authorized for this resource

Answer: AB

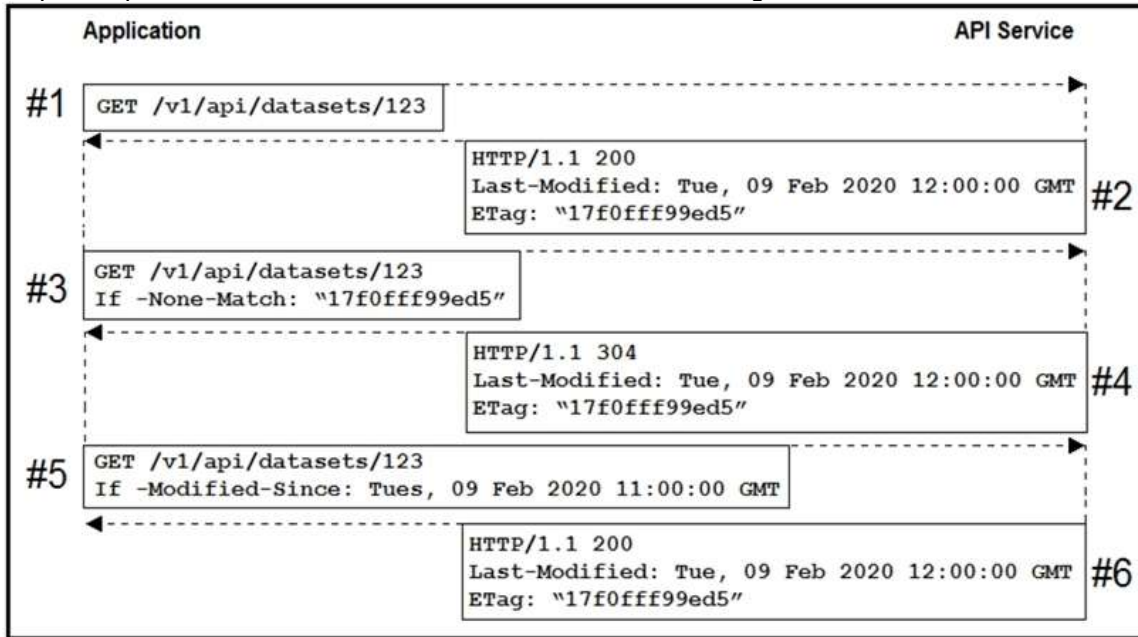
QUESTION 66

Refer to the exhibit. An application uses an API to periodically sync a large data set. Based on the HTTP message

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sequence provided, which statements are true about the caching behavior seen in the scenario? (Choose two.)



- A. The full dataset was transmitted to the client twice.
- B. The dataset changed sometime between message #4 and #5.
- C. A partial dataset was transmitted to the client in message #4.
- D. The dataset did not change during the scenario.
- E. Messages #3 and #5 are equivalent.

Answer: AD

QUESTION 67

Which RFC5988 (Web Linking) relation type is used in the Link header to control pagination in APIs?

- A. rel="index"
- B. rel="page"
- C. rel="next"
- D. rel="section"

Answer: C

QUESTION 68

A client is written that uses a REST API to interact with a server. Using HTTPS as the transport, an HTTP request is sent and received an HTTP response. The response contains the HTTP response status code: 503 Service Unavailable.

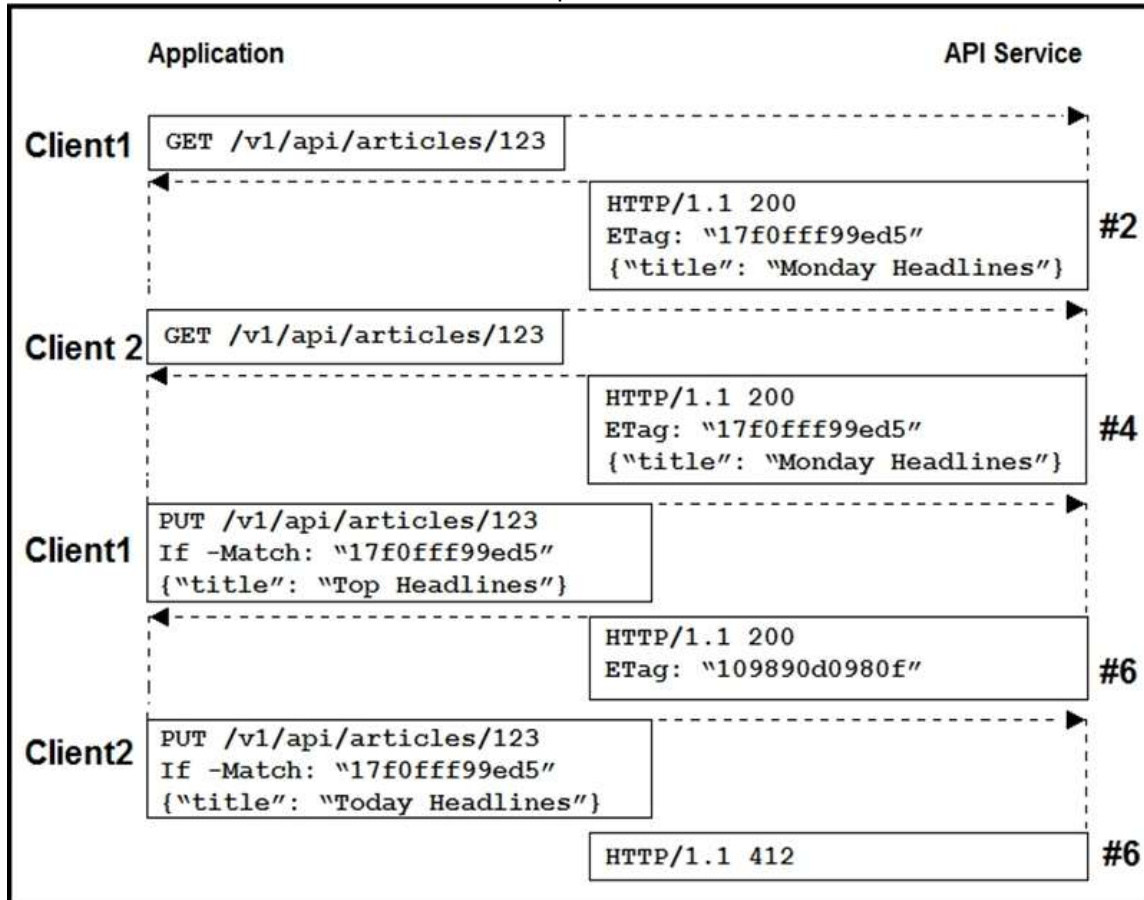
Which action is the appropriate response?

- A. Add an Authorization header that supplies appropriate credentials and sends the updated request.
- B. Resend the request using HTTP as the transport instead of HTTPS.
- C. Add an Accept header that indicates the content types that the client understands and send the updated request.
- D. Look for a Retry-After header in the response and resend the request after the amount of time indicated.

Answer: A

QUESTION 69

Refer to the exhibit. Two editors are concurrently updating an article's headline from their mobile devices. What results from this scenario based on this REST API sequence?



- A. The article is marked as "Conflicted"
- B. The article headline is "Monday Headlines"
- C. The article headline is "Today Headlines"
- D. The article headline is "Top Headlines"

Answer: B

QUESTION 70

Refer to the exhibit. This snippet of a script has recently started exiting abnormally with an exception stating "Unexpected HTTP Response code: 429".

```

response = requests.get(url)
if response.status_code != 200:
    error_message = "Unexpected HTTP Response code: {}".format(response.status_code)
    raise Exception(error_message)
data = response.json()
    
```

Which solution handles rate limiting by the remote API?

- A.
- ```
response = requests.get(url)
if response.status_code == 429:
 backoff_seconds = int(response.headers['Retry-After'])
 sleep(backoff_seconds)
elif response.status_code != 200:
 error_message = "Unexpected HTTP Response code: {}".format(response.status_code)
 raise Exception(error_message)
data = response.json()
```
- B.
- ```
response = requests.get(url)
if response.status_code != 200 and response.status_code != 429:
    error_message = "Unexpected HTTP Response code: {}".format(response.status_code)
    raise Exception(error_message)
data = response.json()
```
- C.
- ```
response = requests.get(url)
if response.status_code != 200 and response.status_code != 429:
 backoff_seconds = int(response.headers['Retry-After'])
 sleep(backoff_seconds)
 error_message = "Unexpected HTTP Response code: {}".format(response.status_code)
 raise Exception(error_message)
data = response.json()
```
- D.
- ```
response = requests.get(url)
if response.status_code == 429:
    backoff_seconds = int(response.headers['Retry-After'])
    sleep(backoff_seconds)
    response = requests.get(url)
elif response.status_code != 200:
    error_message = "Unexpected HTTP Response code: {}".format(response.status_code)
    raise Exception(error_message)
data = response.json()
```

Answer: D

QUESTION 71

You are developing a YANG-based policy model to encode the type of entity that is connected to a given interface, such as partner, supplier, customer, or distributor. Which YANG statement limits any configuration action?

- A. when
- B. case
- C. enumeration
- D. contains

Answer: A

QUESTION 72

An application is hosted on Google Kubernetes Engine. A new JavaScript module is created to work with the existing application. Which task is mandatory to make the code ready to deploy?

- A. Create a Dockerfile for the code base.
- B. Rewrite the code in Python.
- C. Build a wrapper for the code to "containerize" it.
- D. Rebase the code from the upstream git repo.

Answer: D