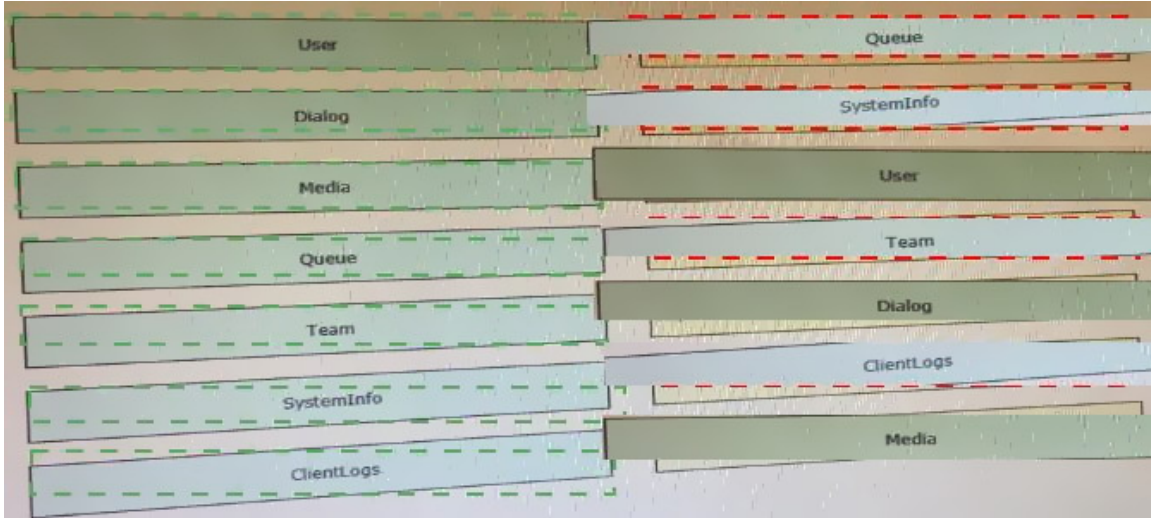


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QUESTION 34

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.

Correct Answer: C

QUESTION 35

DRAG DROP
Refer to the exhibit.

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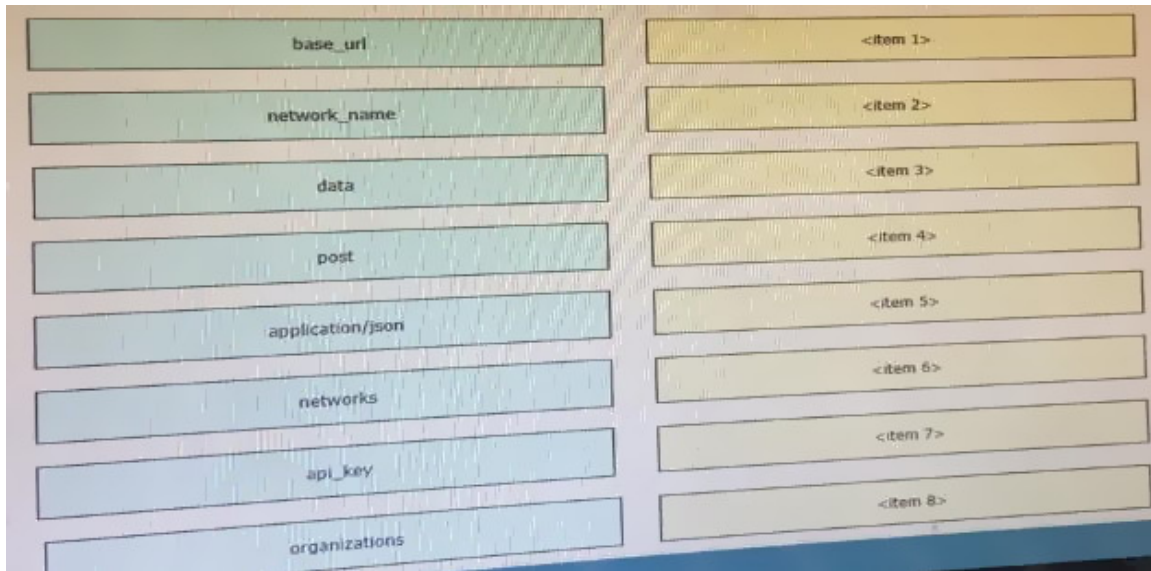
The image shows two parts of a document. The top part is a screenshot of the Meraki API documentation for the POST endpoint `/organizations/{organizationId}/networks`. It lists several parameters: `name` (The name of the new network), `type` (The type of the new network, with valid types: wireless, appliance, switch, systemsManager, camera, cellularGateway, or a space-separated list), `tags` (A space-separated list of tags), `timeZone` (The timezone of the network), `copyFromNetworkId` (The ID of the network to copy configuration from), `disableMyMerakiCom` (Disables the local device status pages), and `disableRemoteStatusPage` (Disables access to the device status page).

The bottom part is a screenshot of a Python script for making a POST request to the Meraki API. The script defines variables for `base_url`, `org_id`, `api_key`, and `network_name`. It then uses the `requests` library to send a POST request with a JSON body. The JSON body contains the `name` and `type` of the network. The script uses placeholder text like `<item 1>` through `<item 8>` to indicate where code from the left should be dragged to complete the script.

```
base_url = https://api.meraki.com/api/v0
org_id = 123456789
api_key = 1098hadpfsiapsf8ahf8ohp
network_name = "New Network"
requests.<item 1>(
    <item 2> + "/"<item 3>/" + org_id + "/"<item 4>",
    headers = {
        "X-Cisco-Meraki-API-Key": "<item 5>",
        "Content-Type": "<item 6>"
    },
    <item 7>=json.dumps({ "name": <item 8>,
                        "type": "wireless switch"
                        })
)
```

Drag and drop the code from the left onto the item numbers on the right to complete to Meraki python script shown in the exhibit.

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Correct Answer:



QUESTION 36

Refer to the exhibit. The definition of the YANG module and a RESTCONF query sent to a Cisco Ioc XE device is shown. Which statement is correct if the RESTCONF interface responds with a 204 status code?

```
$ 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" \
  -H 'Authorization: Basic ZGV2Zm9vcGVyOktxc2NvMTIzNDU=' -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
```

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- A. The query failed at retrieving the logging seventy level.
- B. The query failed to set the logging seventy level due to an invalid path.
- C. The query retrieved the logging seventy level.
- D. The query updated the logging seventy level or created it if not present on the device.

Correct Answer: D

QUESTION 37

What is the purpose of a MAC address?

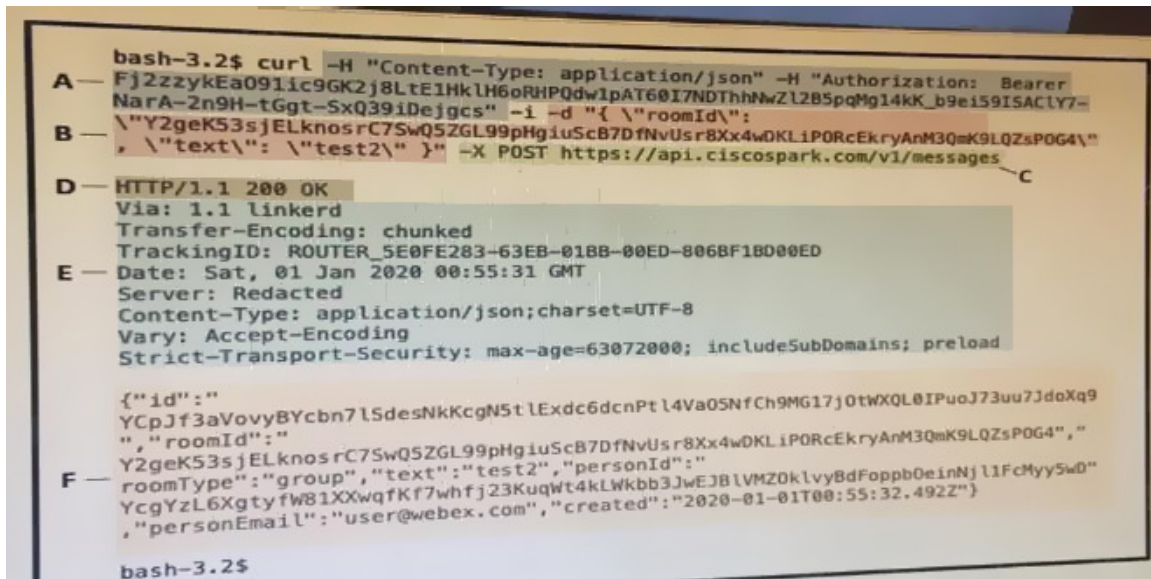
- A. To uniquely identify a router in a LAN
- B. To uniquely identify a network interface in a LAN
- C. To uniquely identify a device on the internet
- D. To uniquely identify a switch in a LAN

Correct Answer: B

QUESTION 38

DRAG DROP

Refer to the exhibit.

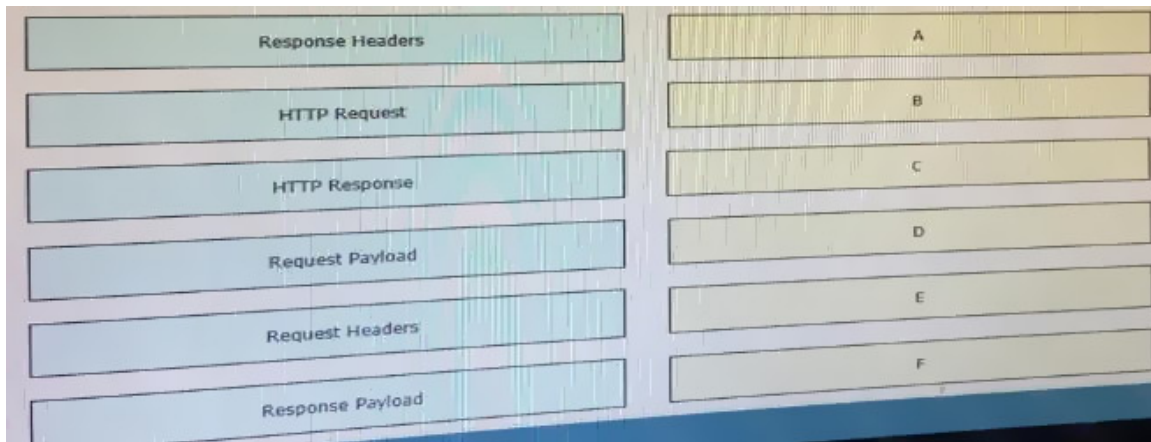


```
bash-3.2$ curl -H "Content-Type: application/json" -H "Authorization: Bearer Fj2zzykEa0911c9GK2j8LtE1HklH6oRHPQdw1pAT60I7NDThhNwZL2B5pqMg14KK_b9ei59ISACL7-NarA-2n9H-tGgt-SxQ39iDejgcs" -i -d '{"roomId": "Y2geK53sjELknosrC7SwQ5ZGL99pHgiuScB7DfNvU5r8Xx4wDKL1P0RcEkryAnM3QmK9LQZsP0G4", "text": "test2"}' -X POST https://api.ciscospark.com/v1/messages
D — HTTP/1.1 200 OK
Via: 1.1 linkerd
Transfer-Encoding: chunked
TrackingID: ROUTER_5E0FE283-63EB-01BB-00ED-8068F18D00ED
E — Date: Sat, 01 Jan 2020 00:55:31 GMT
Server: Redacted
Content-Type: application/json;charset=UTF-8
Vary: Accept-Encoding
Strict-Transport-Security: max-age=63072000; includeSubDomains; preload

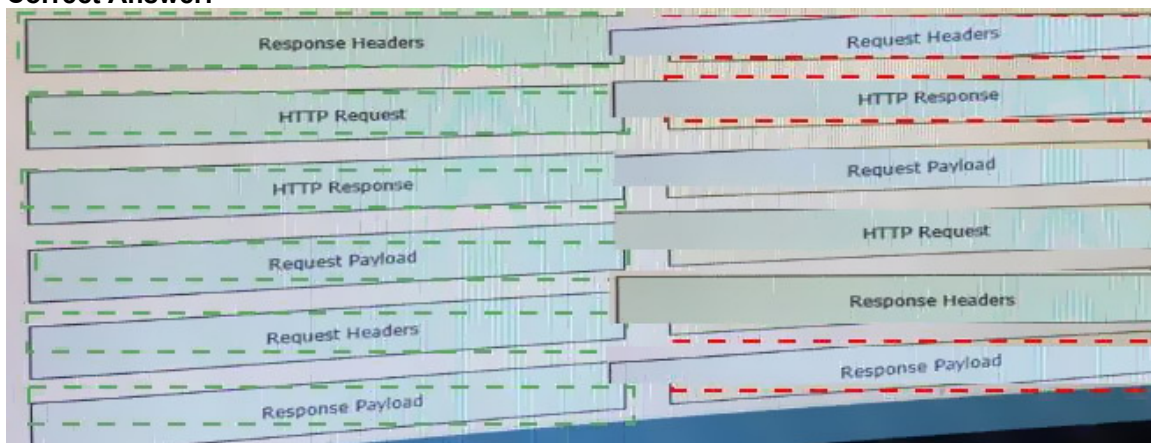
{"id": "YCpJf3aVovyBYcbn7lSdesNkKcgN5t1Exdc6dcnPt14Va05NfCh9MG17j0tWXQL0IPuoJ73uu7JdoXq9", "roomId": "Y2geK53sjELknosrC7SwQ5ZGL99pHgiuScB7DfNvU5r8Xx4wDKL1P0RcEkryAnM3QmK9LQZsP0G4", "roomType": "group", "text": "test2", "personId": "YcgYzL6Xgtyfw81XXwqfKf7whfj23Kuqwt4kLWkbb3JwEJBlVMZ0kLvyBdFoppb0einNj1l1FcMyy5wD", "personEmail": "user@webex.com", "created": "2020-01-01T00:55:32.492Z"}
bash-3.2$
```

Drag and drop the descriptors from the left onto the correct parts of the API request and response on the right.

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Correct Answer:



QUESTION 39

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

```
import requests
url = "https://myDNAServer/dna/intent/api/v1/network-device"
payload = {}
headers = {'x-auth-token': 'eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJzdWIiOiI1ZDE0OWZkMjhZTY2MmQ3NGM5YzE5ZTliLmYzMCIsImV4cCI6MTU3MjM3ODE5MCwidXNlcm5hbWUiOiJraXN371274739.zhK5LPQd501ZUpZI0IH_qrgOXtllNbxSFFF7JOEtRls'}
}
response = requests.request( [ ] , url,
headers = [ ] , data = [ ] )
print(response.text.encode('utf8'))
```

Correct Answer: "GET", headers, payload

Explanation:

Solution as below: