200-901 Dumps

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

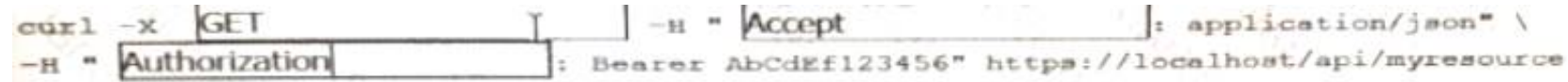## https://www.certleader.com/200-901-dumps.html

NEW QUESTION 1
What are two advantages of version control software? (Choose two.)

A. It supports tracking and comparison of changes in binary formate files.
B. It allows old versions of packaged applications to be hosted on the Internet
C. It provides wiki collaboration software for documentation.
D. It supports comparisons between revisions of source code files.
E. It allows new team members to access the current code and history.

Answer: DE

NEW QUESTION 2
Refer to the exhibit.

```
curl -x  GET                    |  -H " Accept              |: application/json" \
-H " Authorization            |: Bearer AbCdEf123456" https://localhost/api/myresource
```

A process on the host wants to access the service running inside this Docker container. Which port is used to make a connection?

A. only outbound connections between 3000 and 5000 are possible
B. port 3000
C. any port between 3000 and 5000
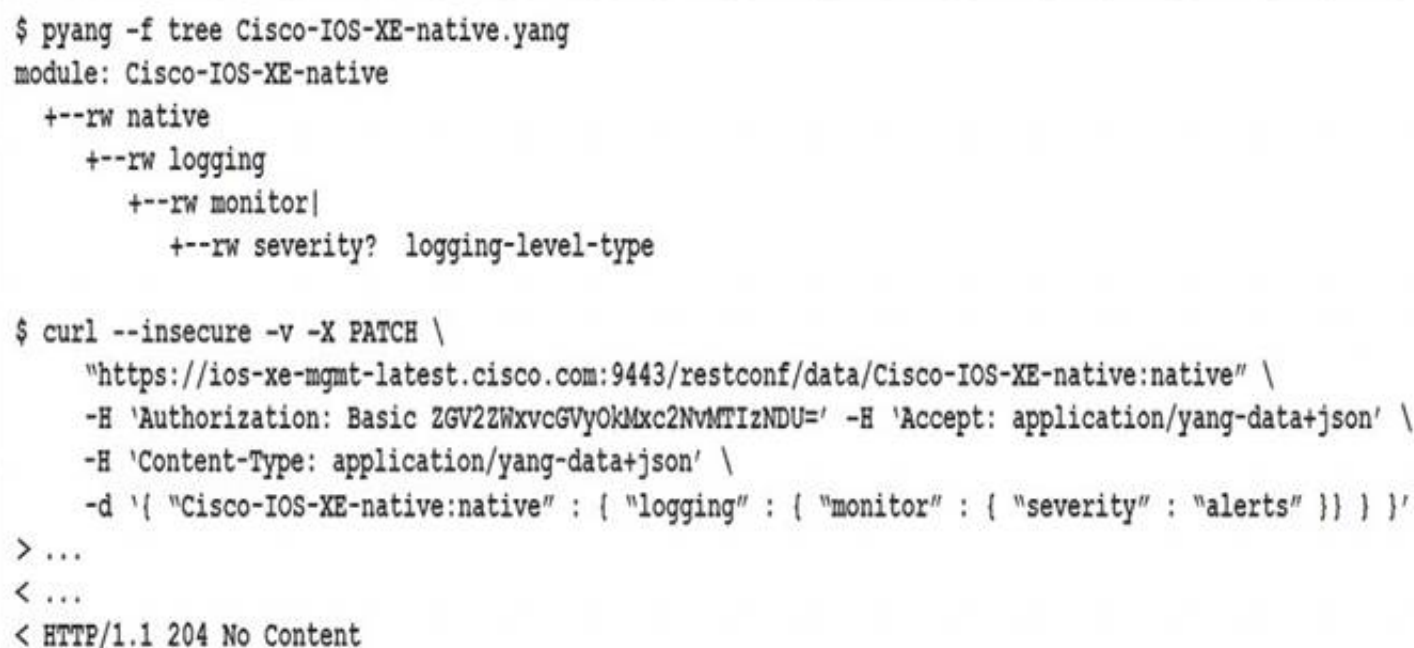D. port 5000

Answer: B

NEW QUESTION 3
Which product provides network controller-level management features?

A. Cisco DNA Center
B. Cisco NX-OS
C. Cisco UCS Manager
D. Cisco ISE

Answer: A

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
Drag and drop the network component names from the left onto the correct descriptions on the right. Not all options are used.

```
#!/bin/bash
BACKUPTIME  =`date +%b-%d-%y`
DESTINATION =/home/usr/path/backup-$BACKUPTIME.tar.gz
SOURCEFOLDER =/home/usr/path/data_folder
tar -cpzf $DESTINATION $SOURCEFOLDER
```

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 6
Which way should be used to safely the API keys?

A. In an environment variable unique to the system database
B. Encrypted in a configuration file that is separate from the code
C. Encrypted in the code in a function
D. Plain text in the code as a constant

Answer: B

NEW QUESTION 7
Which is an advantage of using network programmability?

A. It removes CLI access for devices.
B. It provides for more scalable and replicable network provisioning.
C. Manual configuration is faster.
D. No cloud abstraction occurs.

Answer: B

NEW QUESTION 8
Which two NETCONF operations cover the RESTCONF GET operation? (Choose two.)

A. <get>
B. <edit>
C. <get-update>
D. <modify-config>
E. <get-config>

Answer: AE

NEW QUESTION 9
An automation script fails to connect to an internal server exactly 1 out of 2 times it is executed. This behavior is seen from different clients. Which networking device mut be at fault?

A. Laptop on which the scripted is running
B. Router
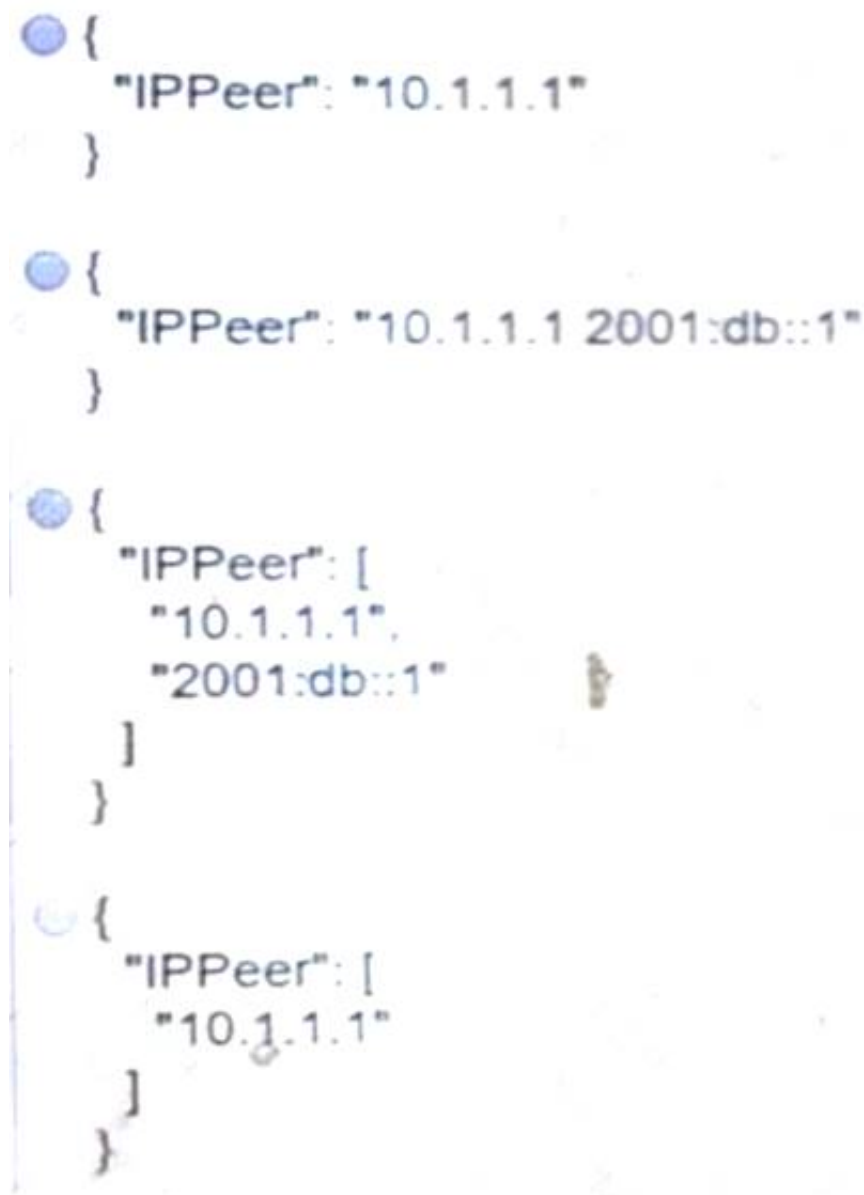C. Switch
D. Load balancer

Answer: D

NEW QUESTION 10
Refer to the exhibit.

```
leaf IPPeer {
    type union {
        type inet:ipv4-address;
        type inet:ipv6-address;
    }
}
```

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

```
{
    "IPPeer": "10.1.1.1"
}
```

```
{
    "IPPeer": "10.1.1.1 2001:db::1"
}
```

```
{
    "IPPeer": [
        "10.1.1.1",
        "2001:db::1"
    ]
}
```

```
{
    "IPPeer": [
        "10.1.1.1"
    ]
}
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
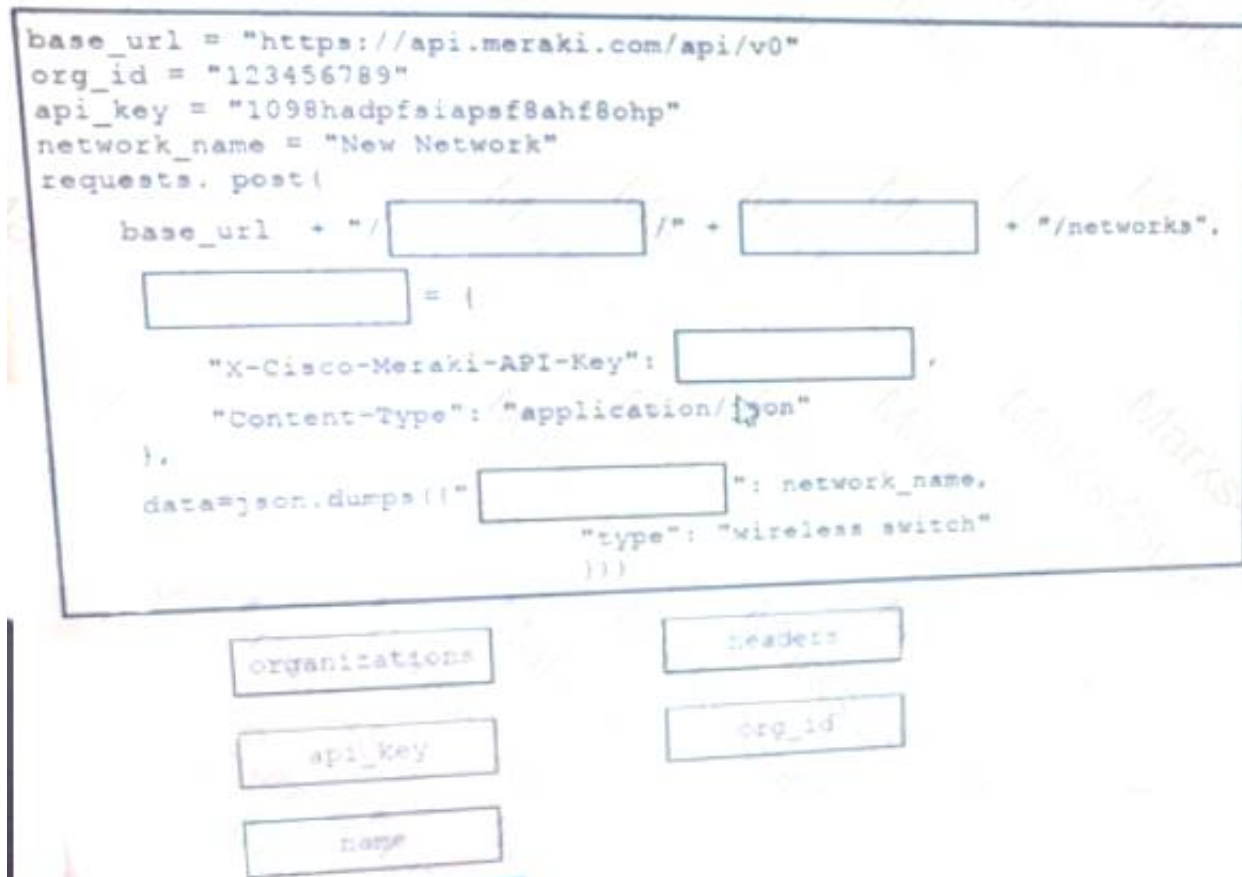A – E, B – D, C – B, D – C, E – A, F – F

NEW QUESTION 10
On which port does NETCONF operate by default?

A. 23
B. 443
C. 822
D. 830

Answer: D

NEW QUESTION 11
Drag and drop the functionalities from the left onto correct networking devices on the right.

```
base_url = "https://api.meraki.com/api/v0"
org_id = "123456789"
api_key = "1098hadpfsiapsf8ahf8ohp"
network_name = "New Network"
requests.post(
    base_url + "/[          ]/" + [          ] + "/networks",
    [          ] = {
        "X-Cisco-Meraki-API-Key": [          ],
        "Content-Type": "application/json"
    },
    data=json.dumps({"[          ]": network_name,
        "type": "wireless switch"
    }})
```

```
organizations          headers
api_key                org_id
name
```

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 14
Which task is performed because the test-driven development approach is being used?

A. testing existing software before developing new code
B. refactoring code that is covered by existing tests
C. writing code without committing any coding violations
D. creating test scenarios based on continuous development

Answer: B

NEW QUESTION 19
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 23
Drag and drop the element of the Finesse API on the left onto the description of its functionally on the right.

```
module ex-ethernet {
    namespace "http://example.com/Ethernet";
    prefix "eth";
    import ietf-interfaces {
      prefix if;
    }
    augment "/if:interfaces/if:interface" {
      when "if:type = 'ethernetCsmacd'";
      container ethernet {
        must "../if:location" {
          description
            "An Ethernet interface must specify the physical location of the ethernet hardware.";
        }
        choice transmission-params {
          case auto {
            leaf auto-negotiate {
              type empty;
            }
          }
          case manual {
            leaf duplex {
              type enumeration {
                enum "half";
                enum "full";
              }
            }
            leaf speed {
              type enumeration {
                enum "10Mb";
                enum "100Mb";
                enum "1Gb";
                enum "10Gb";
              }
            }
          }
        } // other ethernet specific params...
      }
    }
}
```
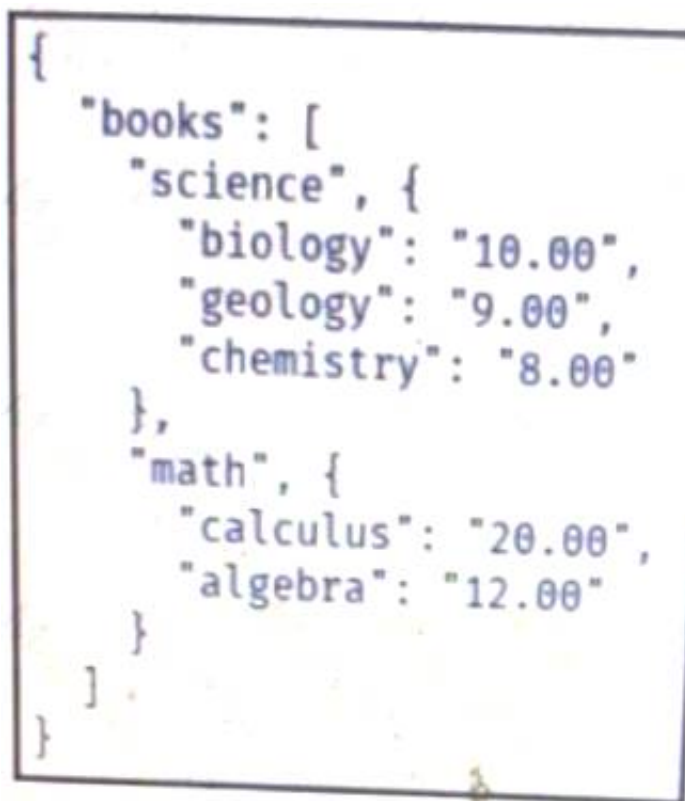
A. Mastered
B. Not Mastered

Answer: A

Explanation:
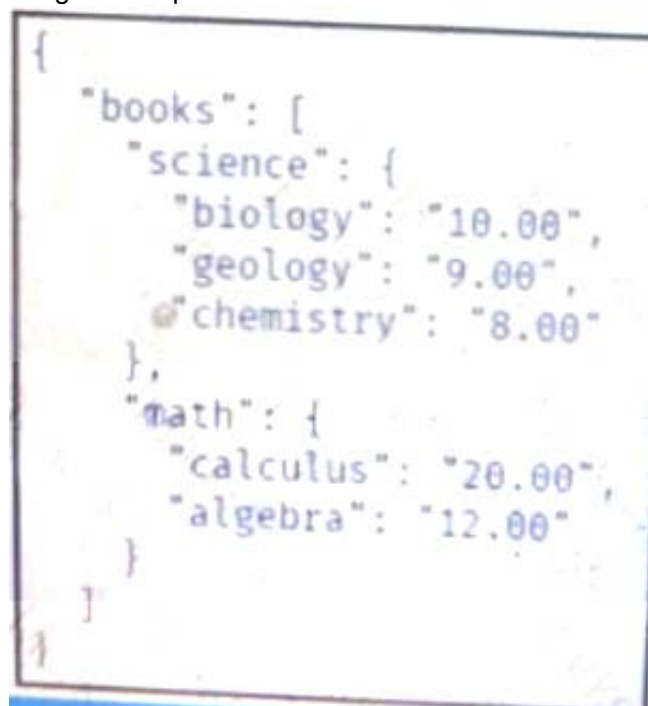1 – D, 2 – F, 3 – A, 4 – E, 5 – B, 6 – G, 7 - C

NEW QUESTION 25
Refer to the exhibit.

```
{
  "books": [
    "science", {
      "biology": "10.00",
      "geology": "9.00",
      "chemistry": "8.00"
    },
    "math", {
      "calculus": "20.00",
      "algebra": "12.00"
    }
  ]
}
```

Drag and drop the variables from the left onto the item numbers on the right that match the missing assignments in the exhibit.

```
{
  "books": [
    "science": {
      "biology": "10.00",
      "geology": "9.00",
      "chemistry": "8.00"
    },
    "math": {
      "calculus": "20.00",
      "algebra": "12.00"
    }
  ]
}
```

A. Mastered
B. Not Mastered

Answer: A
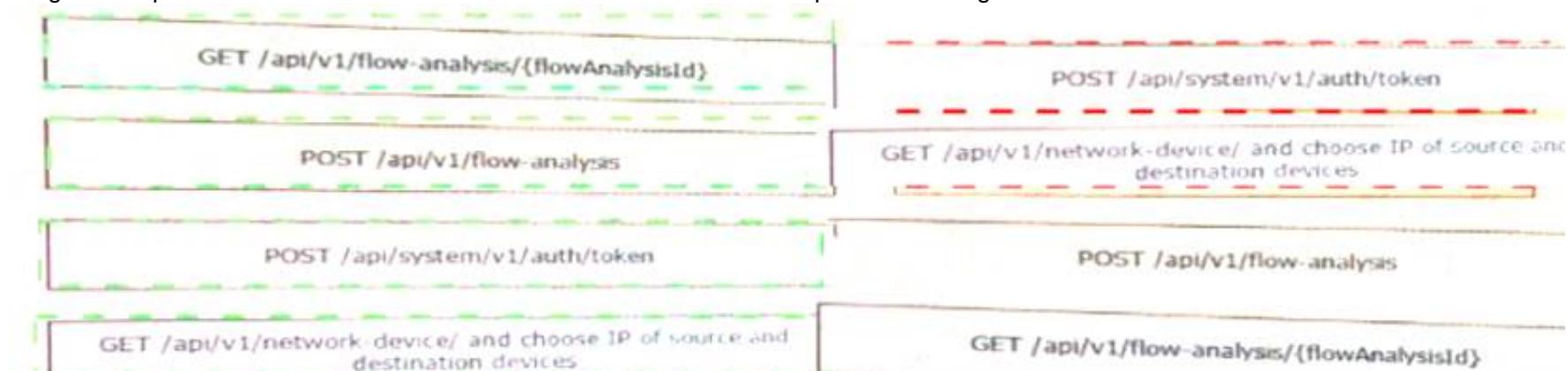
Explanation:
1 – A, 2 – C, 3 – B

NEW QUESTION 29
Which platform is run directly using a hypervisor?

A. Virtual
B. Bare metal systems
C. Containers
D. Applications

Answer: C

NEW QUESTION 31
Drag and drop the HTTP status codes from the left onto the correct descriptions on the right.

GET /api/v1/flow-analysis/{flowAnalysisId}	POST /api/system/v1/auth/token
POST /api/v1/flow-analysis	GET /api/v1/network-device/ and choose IP of source and destination devices
POST /api/system/v1/auth/token	POST /api/v1/flow-analysis
GET /api/v1/network-device/ and choose IP of source and destination devices	GET /api/v1/flow-analysis/{flowAnalysisId}

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 34
Fill in the blanks to complete the Python script to update the Webex Teams membership of a room using the Python requests library import requests

Response Headers	A
HTTP Request	B
HTTP Response	C
Request Payload	D
Request Headers	E
Response Payload	F

A. Mastered
B. Not Mastered

Answer: A

Explanation:
request, headers , payload

NEW QUESTION 38
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 39
What is the benefit of edge computing?

A. It reduces ne two« k latency by moving processing doser to the data source.
B. It simplifies security as devices and processing are brought doser together
C. It removes the need for centralized data processing.
D. It reduces data velocity from devices or other data sources.

Answer: A

NEW QUESTION 42
Which two statements about JSON and XML are true? (Choose two.)

A. JSON objects arc collection of key value paire.
B. The syntax of JSON contains tags, elements, and attributes.
C. JSON arrays are an unordered set of key value pairs.
D. The syntax of XML contains tags, elements, and attributes.
E. XML objects are collections of key-value pairs.

Answer: AD

NEW QUESTION 43
Which type of threat occur when an attacker can send hostile data to an interpreter within an application?

A. Cross-site scripting
B. Sensitive data exposure
C. Broken authentication
D. Injection

Answer: D

NEW QUESTION 45
A company has written a script that creates a log bundle from the Cisco DNA Center every day. The script runs without error and the bundles are produced. However, when the script is run during business hours, report poor voice quality of phones calls. What explains this behavior?

A. The application is running in the Voice VLAN and causes delays and jitter in the subnet.
B. The speed and duplex settings in Cisco DNA Center are sot incorrectly, which causes the transfer to be too slow.
C. 9 The script is written in a low-level programming language where there is no memory safet
D. This causes a buffer overflow and disruption on the network.
E. Generating the logs causes the CPU on the network controller to spike, which causes delays m forwarding the voice IP packets.

Answer: D

NEW QUESTION 48
Which two elements are foundational principles of DevOps? (Choose two.)

A. designing applications as microservices
B. encouraging containers for the deployment of applications
C. organizing cross-functional teams over organizational silos
D. optimizing the cost of infrastructures
E. automating over documenting

Answer: CE

NEW QUESTION 53
Refer to the exhibit.

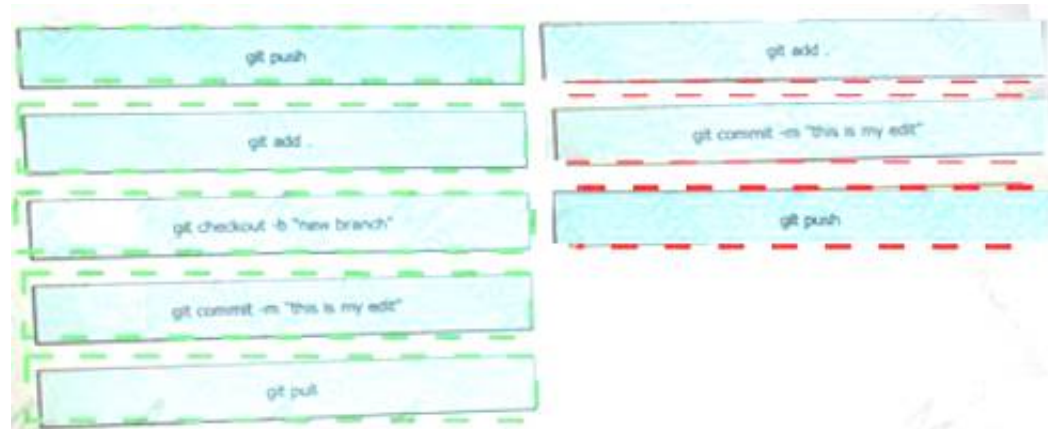| git push | | Git command one |
git add .		Git command two
git checkout -b "new branch"		Git command three
git commit -m "this is my edit"		
git pull		

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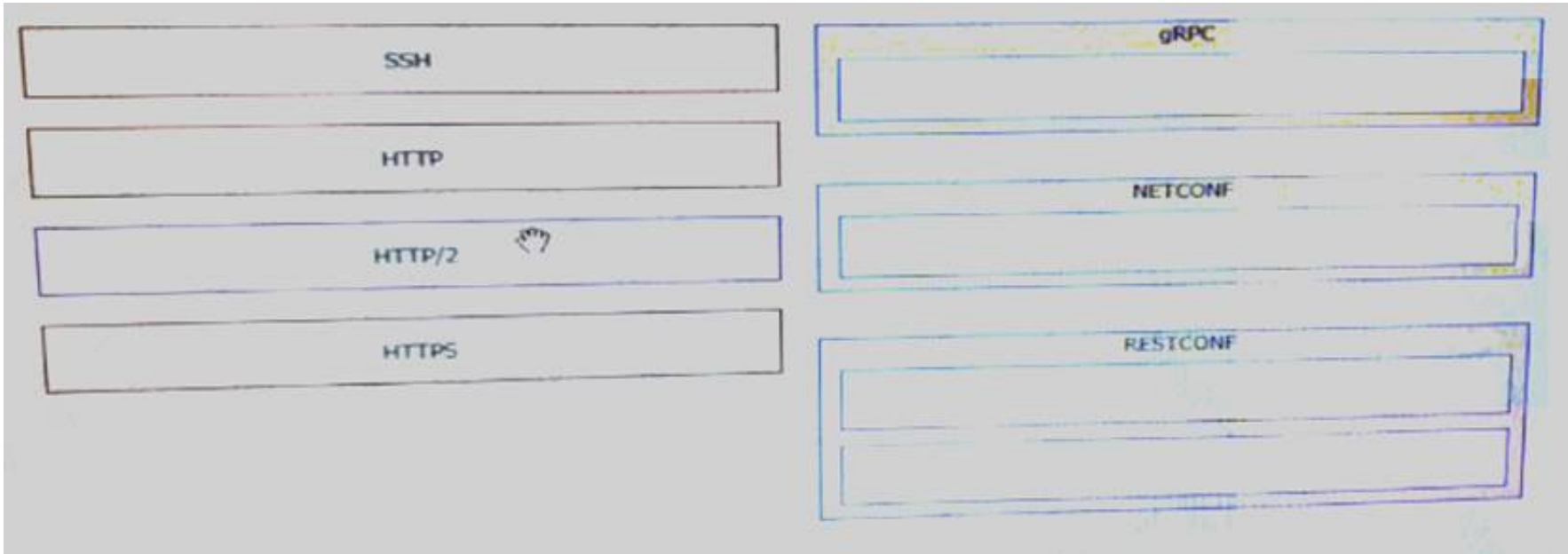
A. The query failed at retrieving the logging seventy level.
B. The query failed to set the logging seventy level due to an invalid path.
C. The query retrieved the logging seventy level.
D. The query updated the logging seventy level or created it if not present on the device.

Answer: D

NEW QUESTION 58
Refer to the exhibit.

git push		git add .
git add .		git commit -m "this is my edit"
git checkout -b "new branch"		git push
git commit -m "this is my edit"		
git pull		

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.
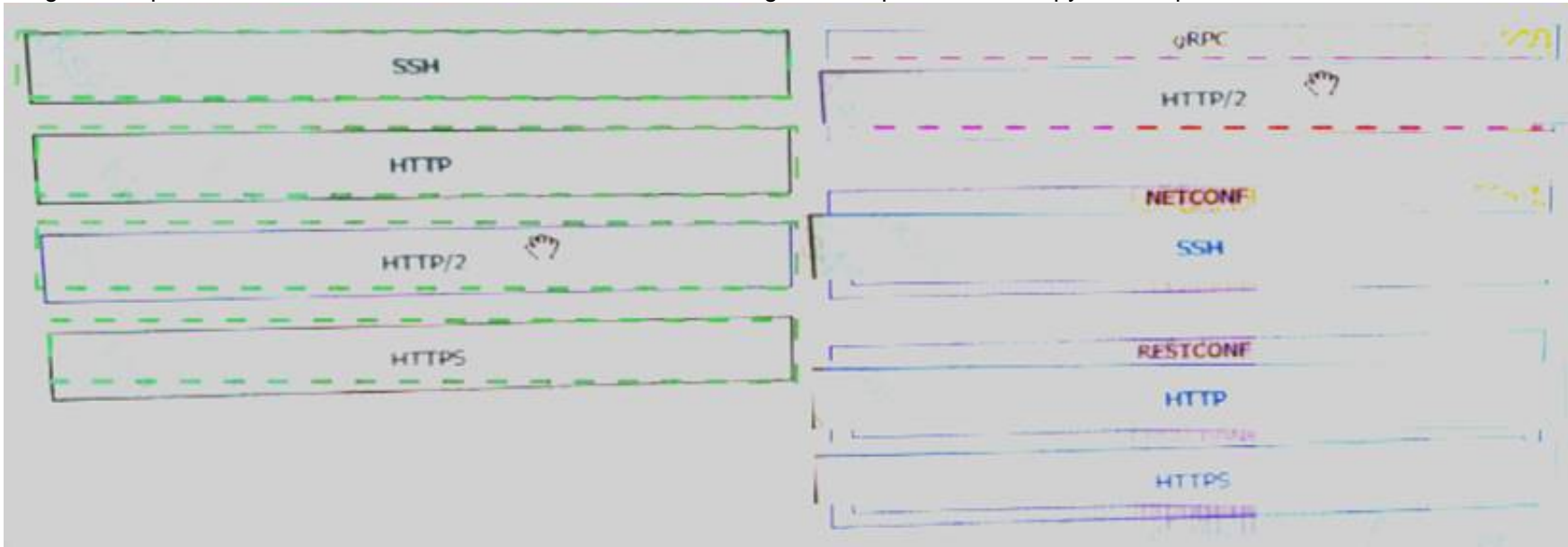
A. Mastered
B. Not Mastered

Answer: A

Explanation:
1 – D, 2 – A, 3 – H, 4 – F, 5 – G, 6 – E, 7 – C, 8 – B

NEW QUESTION 61
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 66
Package updates from a local server fail to download. However, the same updates work when a much slower external repository is used. Way are local updates failing?

A. The update utility is trying to use a proxy to access the internal resource.
B. The Internet connection is too slow.
C. The Internet is down at the moment, which causes the local server to not be able to respond.
D. The server is running out of disk space.

Answer: A

NEW QUESTION 70
......

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