

Cisco

Exam Questions 200-901

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



NEW QUESTION 1

Refer to the exhibit.

```
$ diff -u5 fish.py cat.py
--- fish.py      2020-01-02 09:41:02.840000000 +0100
+++ cat.py      2020-01-02 09:41:06.8859999800 +0100
@@ -160,11 +160,12 @@

    @single_request_timeout.setter
    def single_request_timeout(self, value):
        """The timeout (seconds) for a single HTTP REST API request."""
        check_type(value, int, optional=True)
-        assert value is None or value > 0
+        if value is not None and value <= 0:
+            raise ValueError("single_request_timeout must be positive integer")
        self._single_request_timeout = value

    @property
    def wait_on_rate_limit(self)
        """Automatic rate-limit handling.
```

What does the python function do?

- A. It returns DNAC user and password.
- B. It returns HTTP Basic Authentication.
- C. It returns an authorization token.
- D. It reads a token from a local JSON file and posts the token to the DNAC URL.

Answer: C

NEW QUESTION 2

In python, which expression checks whether the script returns a success status code when the Requests library is used?

- A. response.status_code== requests.ok
- B. respons.status_code== requests.codes.ok
- C. response.code== requests.codes.ok
- D. response.status_code ! == requests.codes.ok

Answer: B

NEW QUESTION 3

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

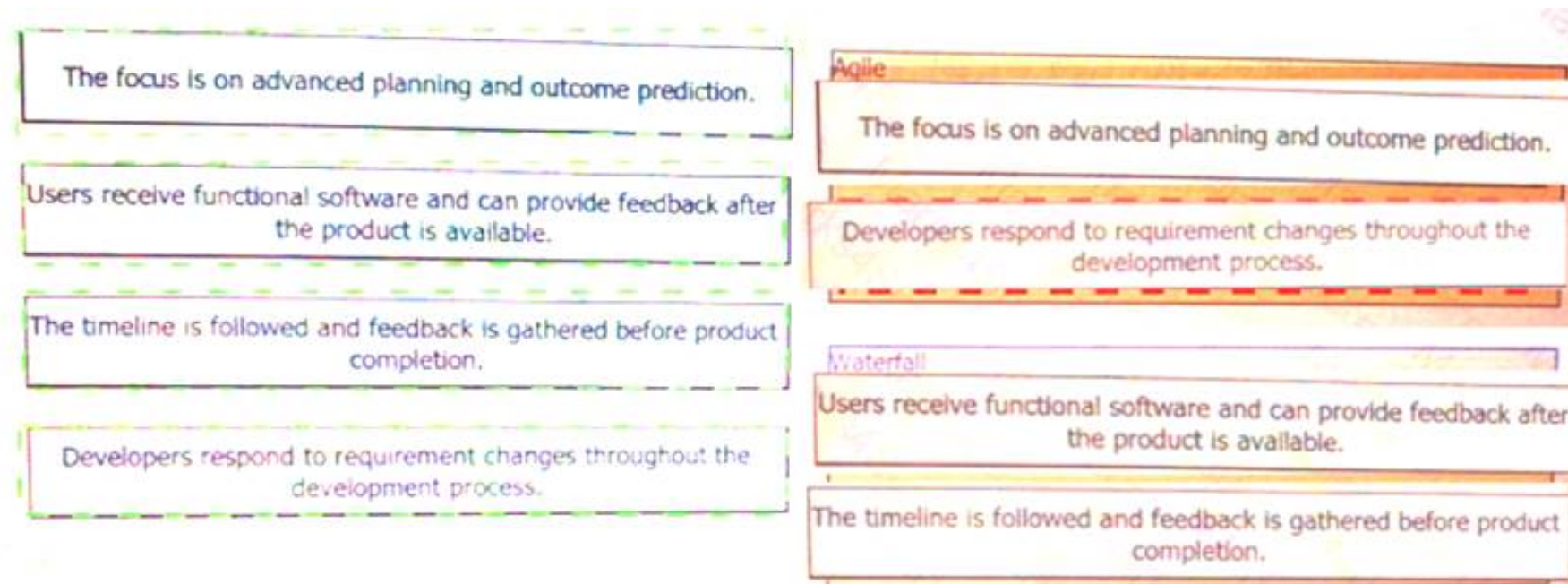
The focus is on advanced planning and outcome prediction.	Agile
Users receive functional software and can provide feedback after the product is available.	
The timeline is followed and feedback is gathered before product completion.	
Developers respond to requirement changes throughout the development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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Solution as below



NEW QUESTION 4

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 5

What is the outcome of executing this command?

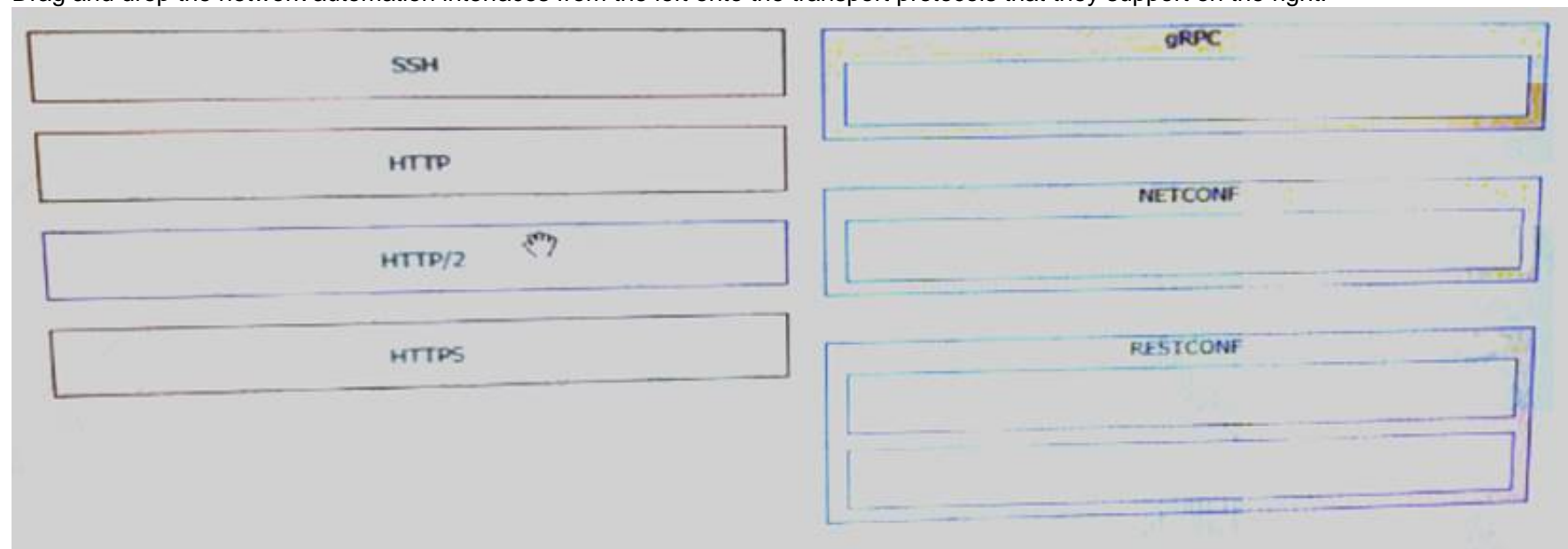
```
git clone ssh://john@exmaple.com/path/to/my-project_git
```

- A. Creates a local copy of a repository called "my project"
- B. Creates a copy of a branch called "my project"
- C. Initiates a new Git repository called "my project"
- D. Creates a new branch called "my project"

Answer: A

NEW QUESTION 6

Drag and drop the network automation interfaces from the left onto the transport protocols that they support on the right.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

gRPC = C, NETCONF = A, RESTCONF = B, D

NEW QUESTION 7

Refer to the exhibit.

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

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

Which python data structure does my_josn contain?

- A. List
- B. Json
- C. Map
- D. Dict

Answer: D

NEW QUESTION 8

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

Answer: D

NEW QUESTION 9

Which platform has an API that be used to obtain a list of vulnerable software on user devices?

- A. Cisco Umbrella
B. Cisco Firepower
C. Cisco Identity Services Engine
D. Cisco Advanced Malware Protection

Answer: D

NEW QUESTION 10

When using the Bash shell, how it the output of the devnet command saved to a file named “output.txt”?

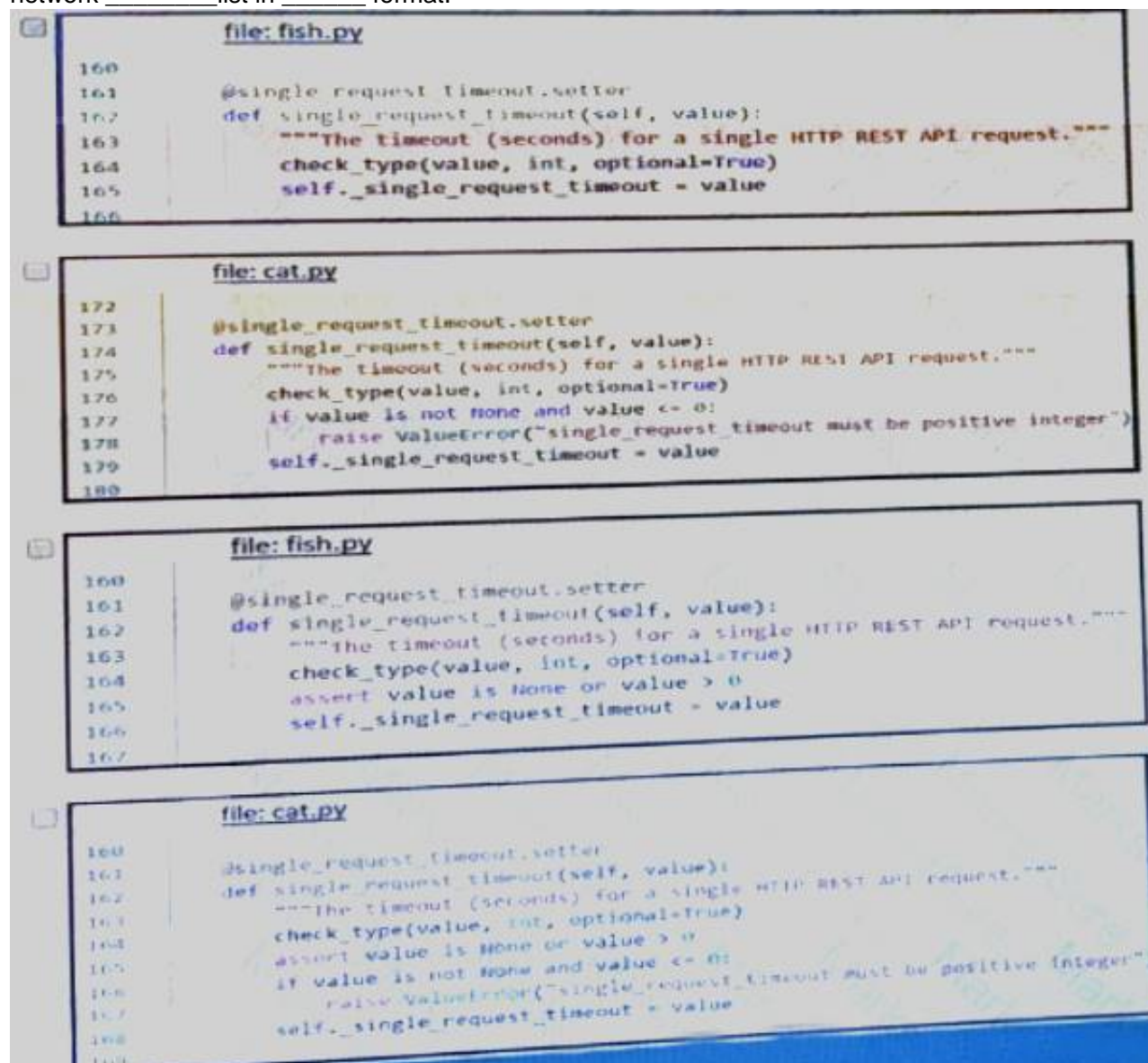
- A. devnet & output.txt
B. devnet > output.txt
C. devnet < output.txt
D. devnet | output.txt

Answer: B

NEW QUESTION 10

Fill in the blanks to complete the statement.

Cisco DNA provide the capability to send an HTTP _____ request to the API endpoint https://DNA-c_API_ADDRESS/api/vi/network-device/ and receive the network _____ list in _____ format.



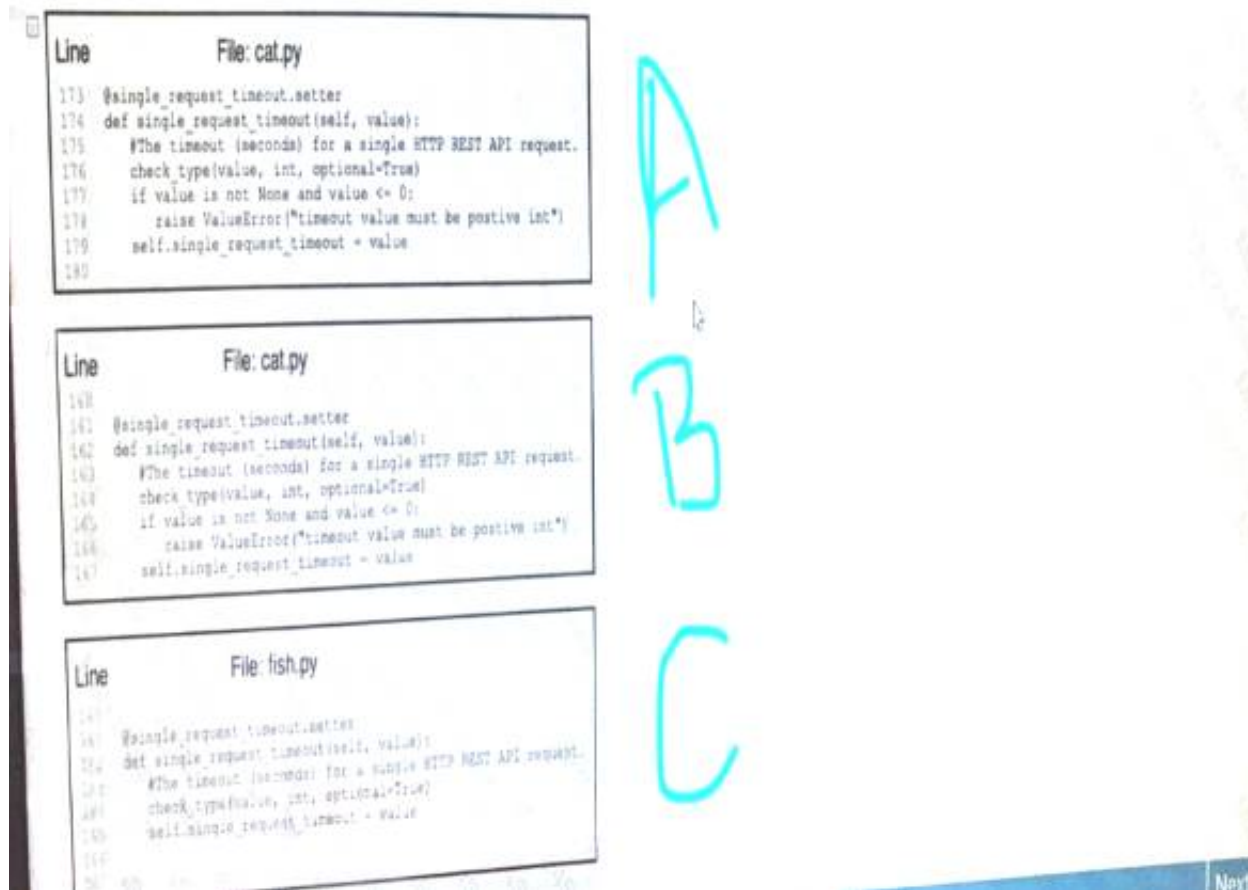
- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Solution below as

Refer to the exhibit. The output of a unified diff when comparing two versions of a Python script is shown. Which two "single_request_timeout()" functions are defined in fish.py and cat.py, where the left column indicates the line numbers of the fish.py and cat.py code listings? (Choose two.)



NEW QUESTION 11

Which action resolves a 401 error in response to an HTTP GET that is issued to retrieve statement using RESTCONF on a CSR 1000V?

- A. Change the HTTP method to PUT.
- B. Change the transport protocol to HTTPS.
- C. Check the MIMF types in the HTTP headers.
- D. Check the authentication credentials.

Answer: D

NEW QUESTION 16

Which type of HTTP method is used by the Meraki nad webex teams APIs to send webhook notifications?

- A. HTTP GET
- B. HTTP PUT
- C. HTTP HEAD
- D. HTTP POST

Answer: D

NEW QUESTION 20

A function my_func() returns True when it executes normally. Which python snippet tests my_func()?

For CLI commands that support XML, the `clid()` method returns JSON output. An exception is thrown when XML is not used. Executes CLI commands. Takes CLI command string and returns show command output in a JSON form.

“

Note: The “clid” API can be useful when searching the output of show commands using JSON tools as shown in the example.

PYTHON

```
Example:
>>> import json
>>> from cli import *
>>> jversion = json.loads(clid("show
version"))
>>> jversion[bios_ver_str]
'08.06'
```

Arguments:

- cmd: Single CLI command or a batch of CLI commands. Delimiter for multiple CLI commands is a space followed by a semicolon. Configuration commands must be in a fully qualified form.

Returns:

- string: JSON-formatted output of show commands.

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

Answer: B

NEW QUESTION 22

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 25

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 30

Which two statements are true about Cisco UCS manager, Cisco Intersight APIs? (Choose two.)

- A. Cisco Intersight API interactions can be encoded in XML or JSON and require an APIs key in the HTTP header for authentication.
- B. USC Director API interactions can be XML- or JSON-encoded and require an APLs key in the HTTP header for authentication.

- C. UCS manager API interactions are XML-encoded and require a cookie in the method for authentication.
- D. Cisco Intersight uses XML to encoded API interactions and requires an API key pair for authentication.
- E. UCS manager uses JSON to encode API interactions and utilizes Base64-encoded credentials in the HTTP header for authentication.

Answer: BC

NEW QUESTION 32

Which line is an example of the start of a chunk from a unified diff?

- A. @@ -90,88 +20191008T1349@@
- B. @@ -20191007T1200 +88,90 @@
- C. @@ -20191007T1200 +20191008T1349@@
- D. @@ -88,10 +88,6 @@

Answer: D

NEW QUESTION 35

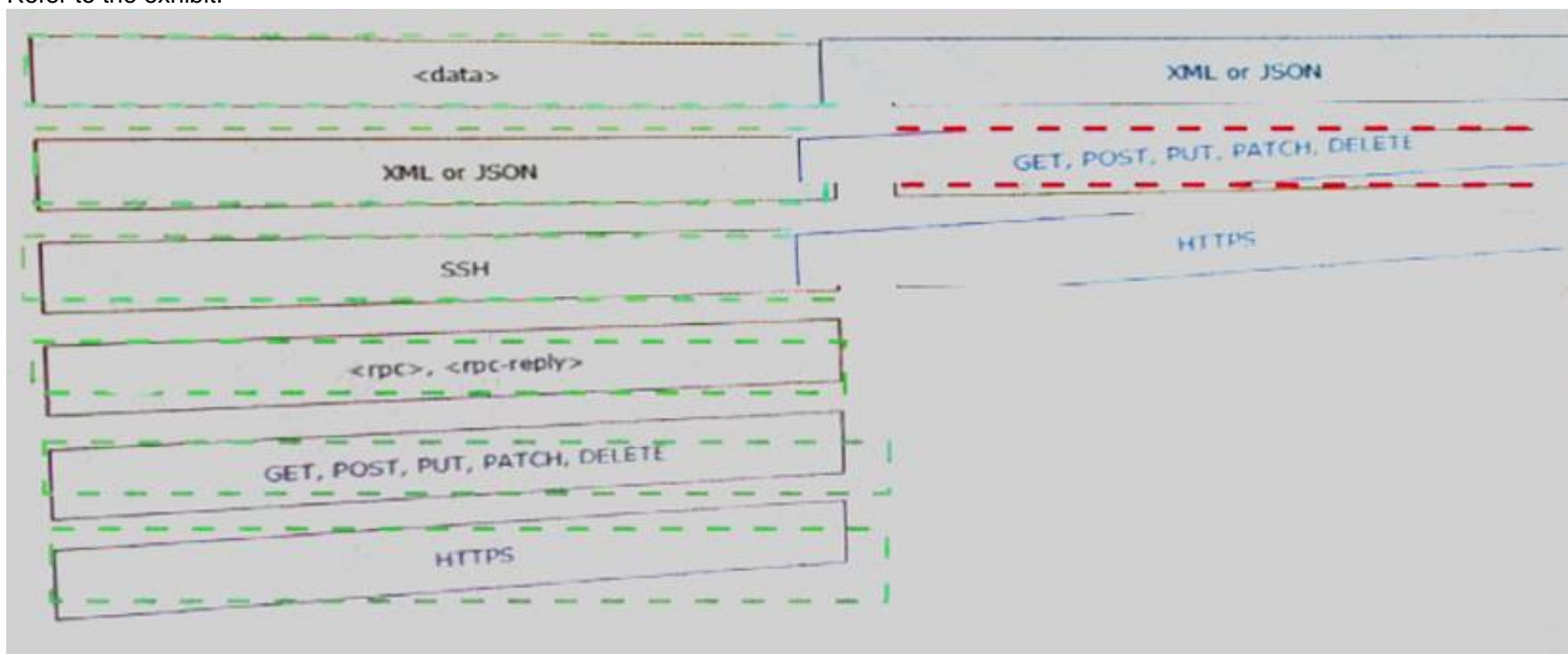
What are two characteristics of Bare Metal environments that are related to application deployment? (Choose two.)

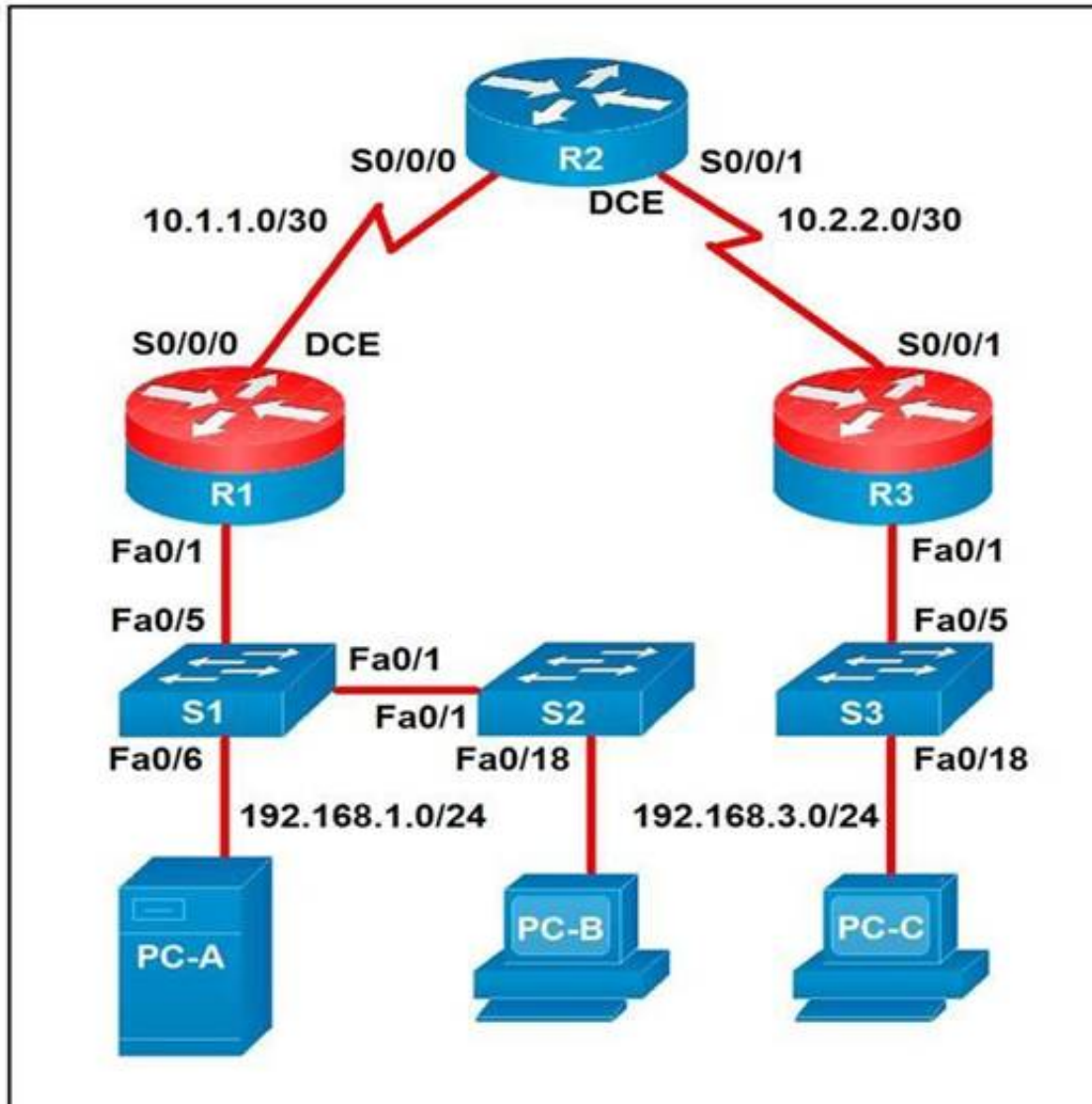
- A. Provide the hypervisor to host virtual servers
- B. Specifically designed for container-based workloads.
- C. Provides workloads with access to hardware features
- D. Suitable for legacy application that do not support virtualization
- E. Not compatible with other cloud services such as PaaS or SaaS offerings.

Answer: CD

NEW QUESTION 38

Refer to the exhibit.





A developer is troubleshooting an API with the given API with the given API documentation and cURL command. What is the cause of this problem?

- A. The user is not allowed to post messages from their account
- B. The request body is missing or incomplete
- C. The API token specified is expired
- D. The authorization header is missing or incomplete

Answer: C

NEW QUESTION 43

Before which process is code review performed when version control is used?

- A. committing code
- B. branching code
- C. merge of code
- D. checkout of code

Answer: C

NEW QUESTION 44

Drag and drop the HTTP methods from the left onto their generally accepted corresponding create, read, update, and delete operations on the right.

```
{
  "organization_id": <new_org_id>,
  "type": "wireless",
  "timeZone": "America/Los_Angeles",
  "tags": " test "
}
```

t. Fill in the blanks to complete the cURL command to list the networks in the Meraki organization with an Id of 384279060:

meraki.com/api/v0/organizations [384279060] /networks
 -X-API-Key: 'smeraki_api_key'

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1 – D, 2 – B, 3 – C, 4 – E, 5 – A

NEW QUESTION 45

Refer to the exhibit.

ports are different broadcast domain by default	Firewall
ports can be in the same broadcast domain	Load Balancer
uses traffic inspection to make routing decisions	Router
blocks networks traffic by default	Switch

An administrator attempts to perform a GET using the Cisco IOS XE RESTCONF API to return the hostname of a device. The sequence diagram illustrated the HTTP message observed. Which change to the API request resolves the issue?

- A. Add Content-Type HTTP header with 'application/yang-data+json' using -H 'Content-Type: application/yang-data+json'.
- B. Use -u cisco: cisco instead of -u 'cisco: cisco'.
- C. Change the request method from -X "GET" to- X' POST".
- D. Remove the -H 'Accept: application/yang-data+json' HTTP header because it is not required.

Answer: B

NEW QUESTION 48

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 50

Which device is a system that monitors and controls incoming and outgoing network traffic based on predetermined security rules?

- A. Switch
- B. Router
- C. Firewall
- D. Load balancer

Answer: C

NEW QUESTION 53

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 an output 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 57

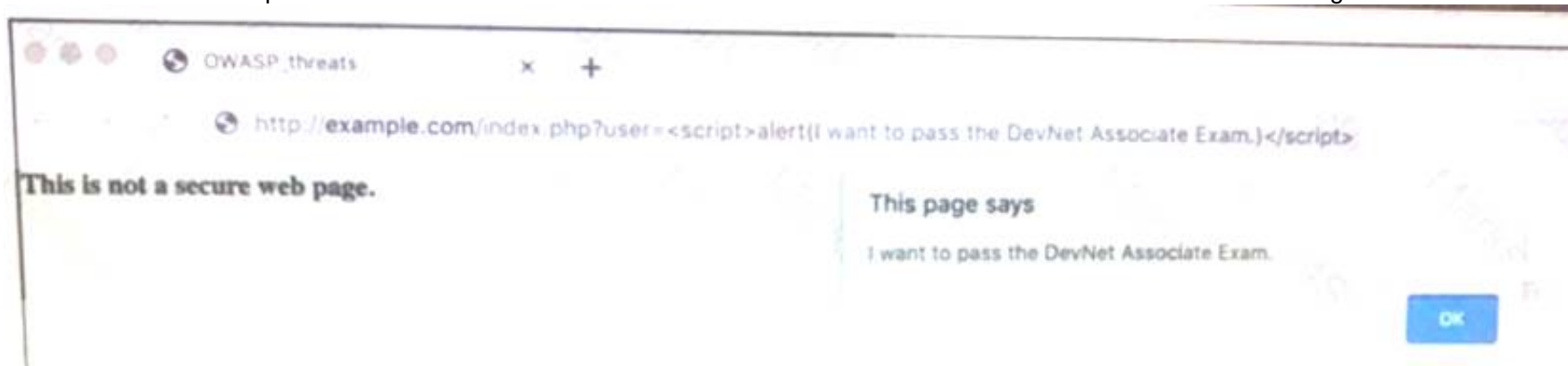
Which action does the Git command git merge allow the development to perform?

- A. Combine multiple sequence of commits into one unified history.
- B. Push changes to the remote repository
- C. Switch between branches
- D. Create, list, rename, and delete branches

Answer: A

NEW QUESTION 59

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

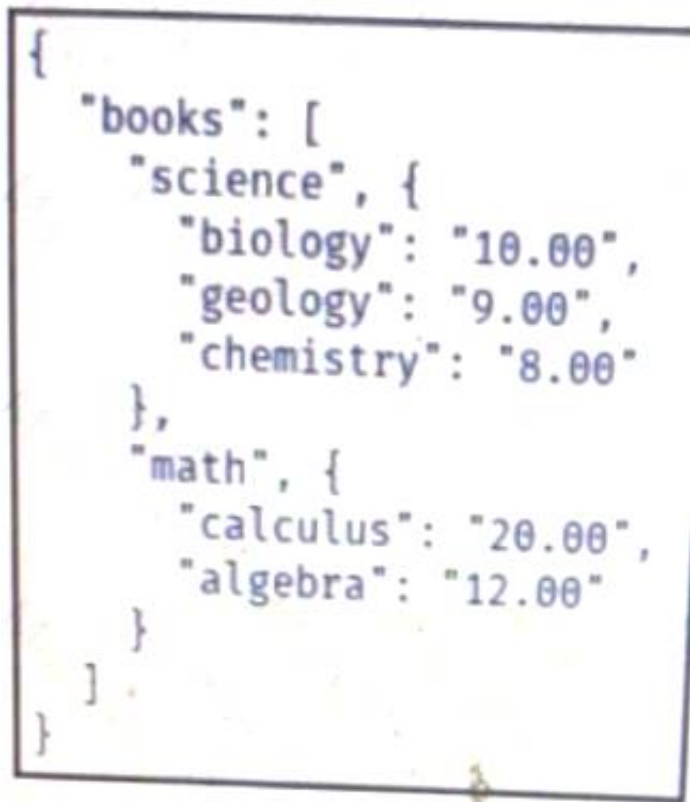
Explanation:

See the solution below.

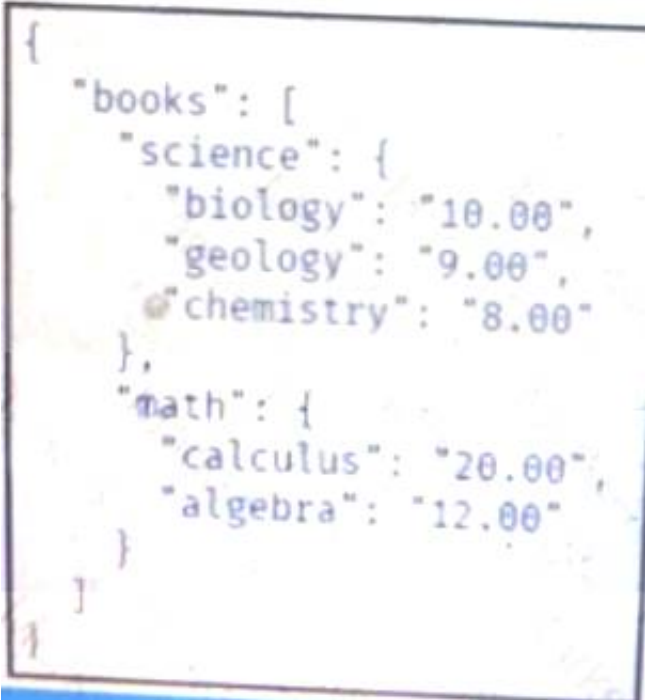
```
<books>
  <science>
    <biology>10.00</biology>
    <geology>9.00</geology>
    <chemistry>8.00</chemistry>
  </science>
  <math>
    <calculus>20.00</calculus>
    <algebra>12.00</algebra>
  </math>
</books>
```

NEW QUESTION 64

Refer to the exhibit.



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



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
1 – A, 2 – C, 3 – B

NEW QUESTION 69
Which two encoding formats do YANG interfaces support?

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

Answer: AB

NEW QUESTION 70
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 74

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 75

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 79

On which network plane is routing protocol traffic handled?

- A. data plane
- B. management plane
- C. authentication plane
- D. control plane

Answer: D

NEW QUESTION 81

What are two security benefits of a Docker-based application?

- A. easier to patch because Docker containers include only dependencies that the application requires
- B. prevents information leakage that can occur when unhandled exceptions are returned in HTTP responses
- C. allows for separation of application that traditionally run in the same host
- D. natively secures access to secrets that are used by the running application
- E. guarantees container images are secured and free of vulnerabilities

Answer: AC

NEW QUESTION 82

Which two statements describe the traits of an asynchronous API call? (Choose two.)

- A. The order in which API calls return can be guaranteed
- B. A call to an API does not block the code, but rather it allows application processing to continue
- C. The end user can experience latency or performance lag while waiting for the API call to return
- D. Code execution blocks or waits for the call to an API to return.
- E. A callback function typically is used to process the response from an API call

Answer: BE

NEW QUESTION 83

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 set 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 safety
- 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 in forwarding the voice IP packets.

Answer: D

NEW QUESTION 86

What is the Git command to delete a local branch named "experiment" without a warning?

- A. git branch -n experiment
- B. git branch -rm experiment
- C. git branch -f experiment
- D. git branch -D experiment

Answer: D

NEW QUESTION 90

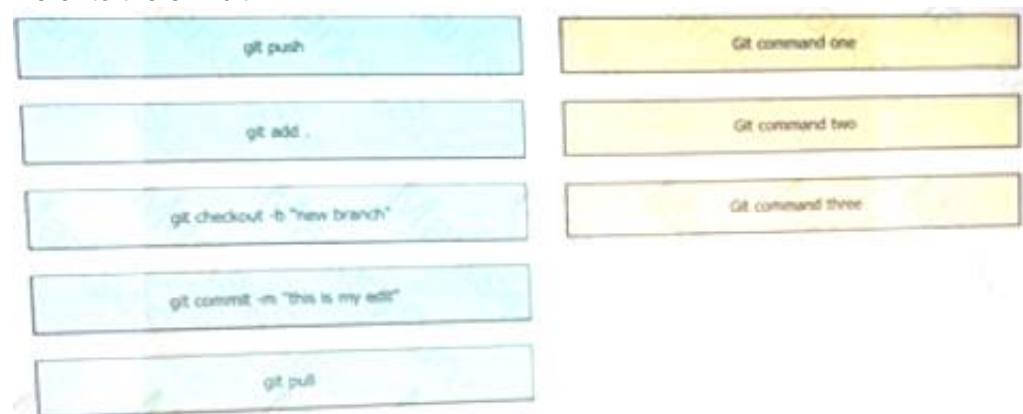
Which two elements are foundational principles of DevOps? (Choose two.)

- 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 93

Refer to the exhibit.



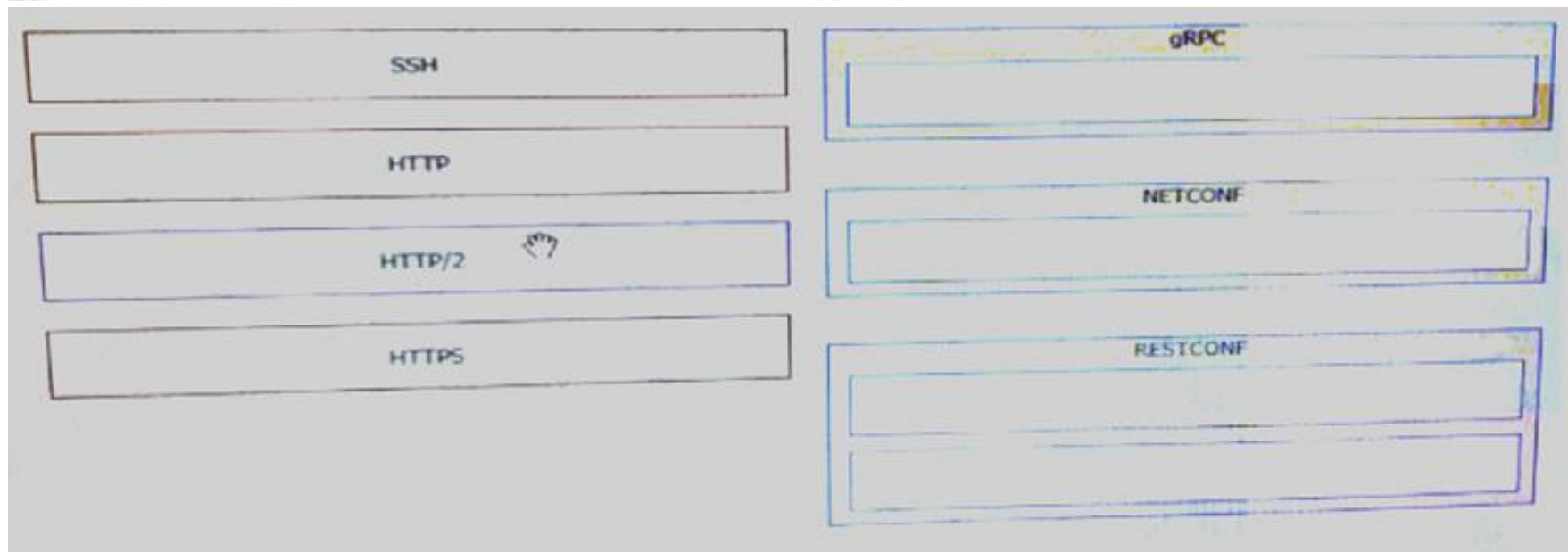
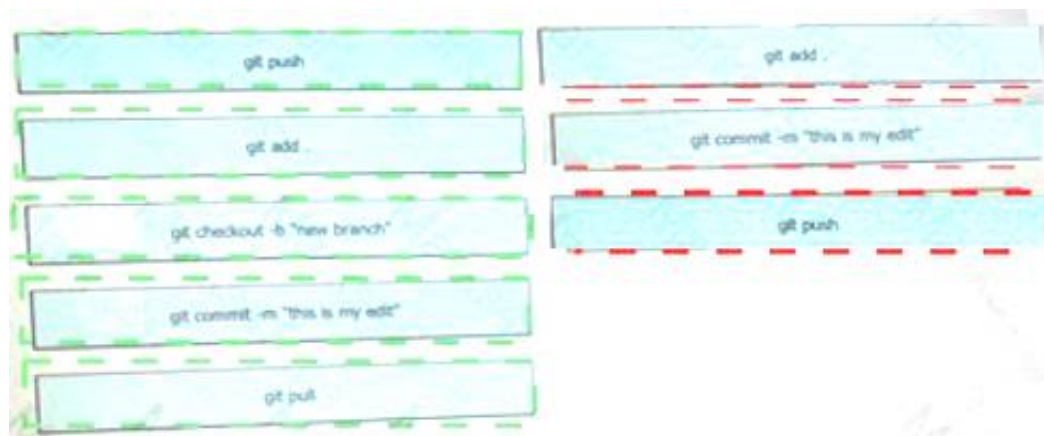
The definition of the YANG module and a RESTCONF query sent to a Cisco IOC XE device is shown. Which statement is correct if the RESTCONF interface responds with a 204 status code?

- 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.

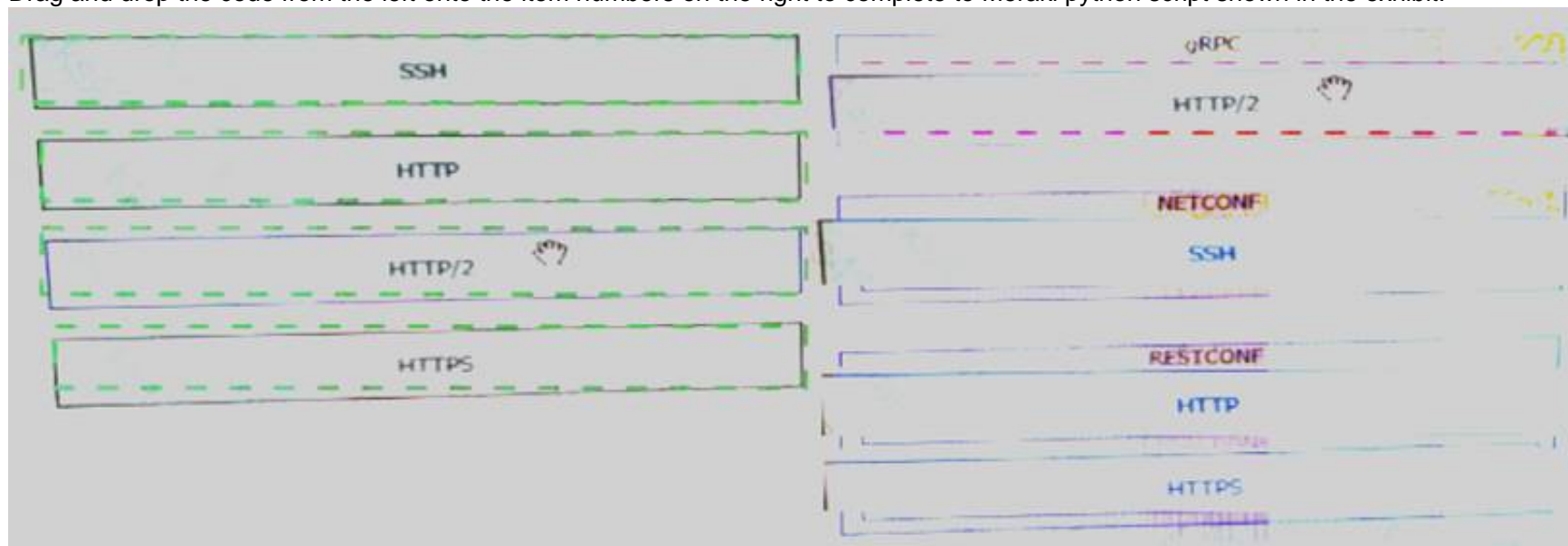
Answer: D

NEW QUESTION 94

Refer to the exhibit.



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 97

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 100

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 105

.....

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

200-901 Practice Exam Features:

- * 200-901 Questions and Answers Updated Frequently
- * 200-901 Practice Questions Verified by Expert Senior Certified Staff
- * 200-901 Most Realistic Questions that Guarantee you a Pass on Your First Try
- * 200-901 Practice Test Questions in Multiple Choice Formats and Updates for 1 Year

100% Actual & Verified — Instant Download, Please Click
[Order The 200-901 Practice Test Here](#)