200-901 Dumps

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

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

NEW QUESTION 1
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 2
Which REST architectural constraint indicates that no client context should be stored on the server between requests?

A. stateless
B. uniform interface
C. cacheable
D. client-server

Answer: A

NEW QUESTION 3
Drag and drop the network automation interfaces from the left onto the transport protocols that they support on the right. (Not all Options are used)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
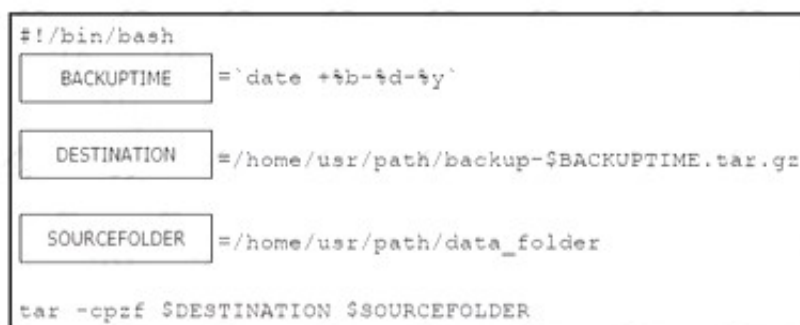Grpc == http/2 , netconfig == ssh , restconfig == https

NEW QUESTION 4
What are two benefit of managing network configuration via APIs? (Choose two.)

A. configuration on devices becomes less complex
B. more security due to locking out manual device configuration
C. increased scalability and consistency of network changes
D. eliminates the need of legacy management protocols like SNMP
E. reduction in network changes performed manually

Answer: CE

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.

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 6
Which two items are Cisco DevNet resources? (Choose two.)

A. TAC support
B. Bitbucket
C. Sandbox
D. Software research
E. API Documentation

Answer: CE

NEW QUESTION 7
When a Cisco IOS XE networking device is configured using RESTCONF, what is the default data-encoding method?

A. XML
B. x-form-encoding
C. YANG
D. YAML

Answer: A

NEW QUESTION 8
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 9
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 10
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 10
Which platform has an API that be used to obtain a list of vulnerable software on user devices?
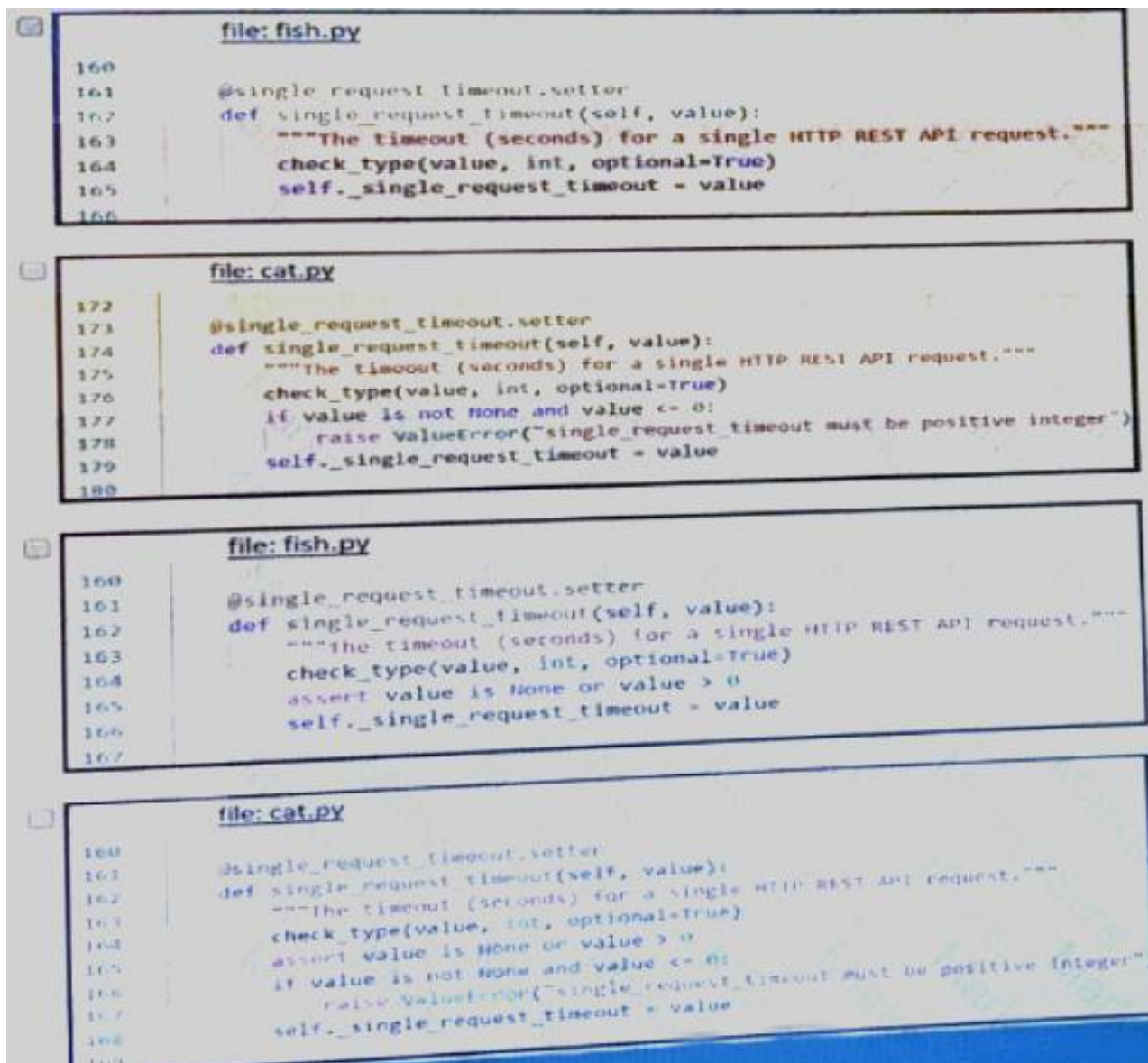
A. Cisco Umbrella
B. Cisco Firepower
C. Cisco Identity Services Engine
D. Cisco Advanced Malware Protection

Answer: D

NEW QUESTION 14
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
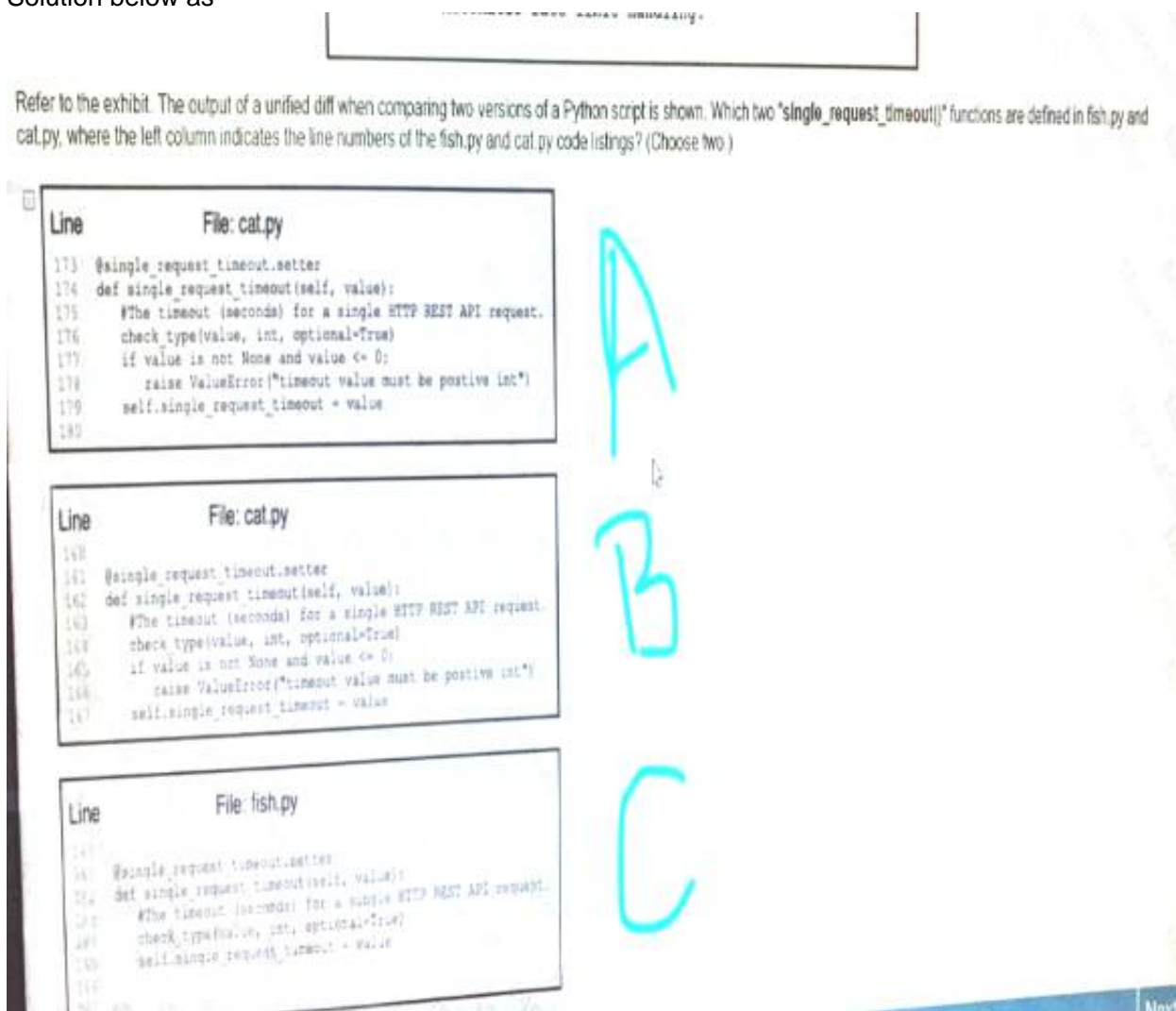network _____list in _____ format.

```
file: fish.py
160
161        @single_request_timeout.setter
162        def single_request_timeout(self, value):
163            """The timeout (seconds) for a single HTTP REST API request."""
164            check_type(value, int, optional=True)
165            self._single_request_timeout = value
166
```

```
file: cat.py
172
173        @single_request_timeout.setter
174        def single_request_timeout(self, value):
175            """The timeout (seconds) for a single HTTP REST API request."""
176            check_type(value, int, optional=True)
177            if value is not None and value <= 0:
178                raise ValueError("single_request_timeout must be positive integer")
179            self._single_request_timeout = value
180
```

```
file: fish.py
160
161        @single_request_timeout.setter
162        def single_request_timeout(self, value):
163            """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
```

```
file: cat.py
160
161        @single_request_timeout.setter
162        def single_request_timeout(self, value):
163            """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:
167                raise ValueError("single_request_timeout must be positive integer")
168            self._single_request_timeout = value
169
```

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.)

```
Line        File: cat.py
173 | @single_request_timeout.setter
174   def single_request_timeout(self, value):
175     #The timeout (seconds) for a single HTTP REST API request.
176     check_type(value, int, optional=True)
177     if value is not None and value <= 0:
178       raise ValueError("timeout value must be positive int")
179   self.single_request_timeout = value
180
```

A

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

B

```
Line        File: fish.py
...
    @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)
    self.single_request_timeout = value
```

C

NEW QUESTION 17
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 21
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 22
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 23
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 28
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 33
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 38
Which two statement describe the role of an artifact repository in a CI/CD pipeline? (Choose two.)

A. An artifact repository allows to compare and merge changes in the source code of files involved in a build process.
B. An artifact repository is needed only for CI/CD pipeline executed on a public cloud infrastructure.
C. An artifact repository provides traceability, search, and management of binary files.
D. An artifact repository is needed only for managing open source software.
E. An artifact repository stores files needed and generated during the build process.

Answer: CE

NEW QUESTION 39
On which port does NETCONF operate by default?

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

Answer: D

NEW QUESTION 40
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 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 46
Which two statements describe the advantages of using a version control system? (Choose two.)

A. It allows for branching and merging so that different tasks are worked on in isolation before they are merged into a feature or master branch.
B. It allows multiple engineers to work against the same code and configuration files and manage differences and conflicts.
C. It provides tooling to automate application builds and infrastructure provisioning.
D. It allows developers to write effective unit tests.
E. It provides a system to track User Stories and allocate to backlogs.

Answer: AB

NEW QUESTION 49
Which Cisco DevNet resource allows access to products in a development lab to explore, learn, and build application that use Cisco APLs?

A. DevNet communities
B. DevNet code Exchange
C. DevNet Automation Exchange
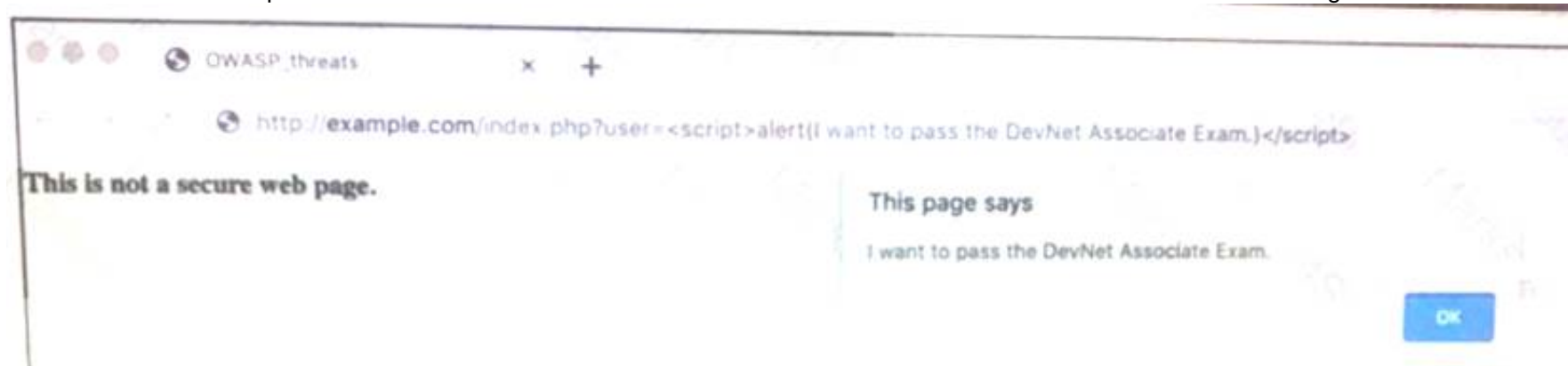D. DevNet sandbox

Answer: D

NEW QUESTION 51
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 56
Fill in the blanks to complete the cURL command that invokes a RESTful API to retrieve a resource in JSON format using OAuth.

OWASP_threats   ×   +

http://example.com/index.php?user=<script>alert(I want to pass the DevNet Associate Exam.)</script>

This is not a secure web page.

This page says
I want to pass the DevNet Associate Exam.

OK

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>
```
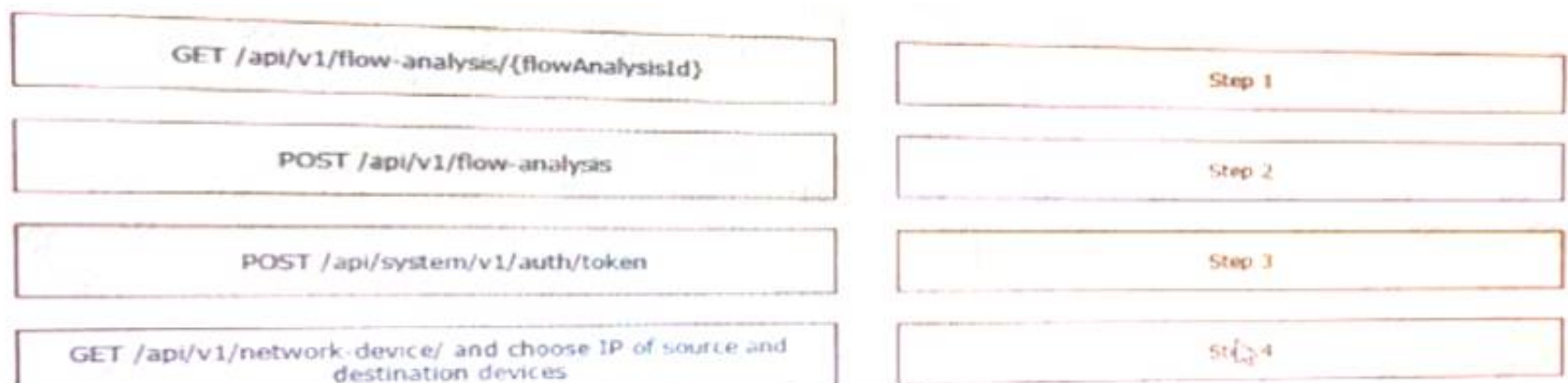
NEW QUESTION 59
Which two descriptions can be given to an application that is interacting with a webhook? (Choose two.)

A. Processor
B. Codec
C. Listener
D. Receiver
E. Transaction monitor

Answer: CD

NEW QUESTION 61
Refer to the exhibit.

GET /api/v1/flow-analysis/{flowAnalysisId}		Step 1
POST /api/v1/flow-analysis		Step 2
POST /api/system/v1/auth/token		Step 3
GET /api/v1/network-device/ and choose IP of source and destination devices		Step 4

The python interpreter and the Cisco python SDK are available by default in the Cisco NX-OS software. The SDK documentation shows how the cild() API can be used when working with working with JSON and XML. What are two effect of running the script? (Choose two.)

A. configure interlace loopback 5
B. issue shutdown on interface loopback 5
C. show only the interfaces In the up status
D. show only the interfaces in admin shut status
E. show details for the TABLE interface

Answer: AC

NEW QUESTION 62
Which platform is run directly using a hypervisor?

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

Answer: C

NEW QUESTION 65
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 70
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.
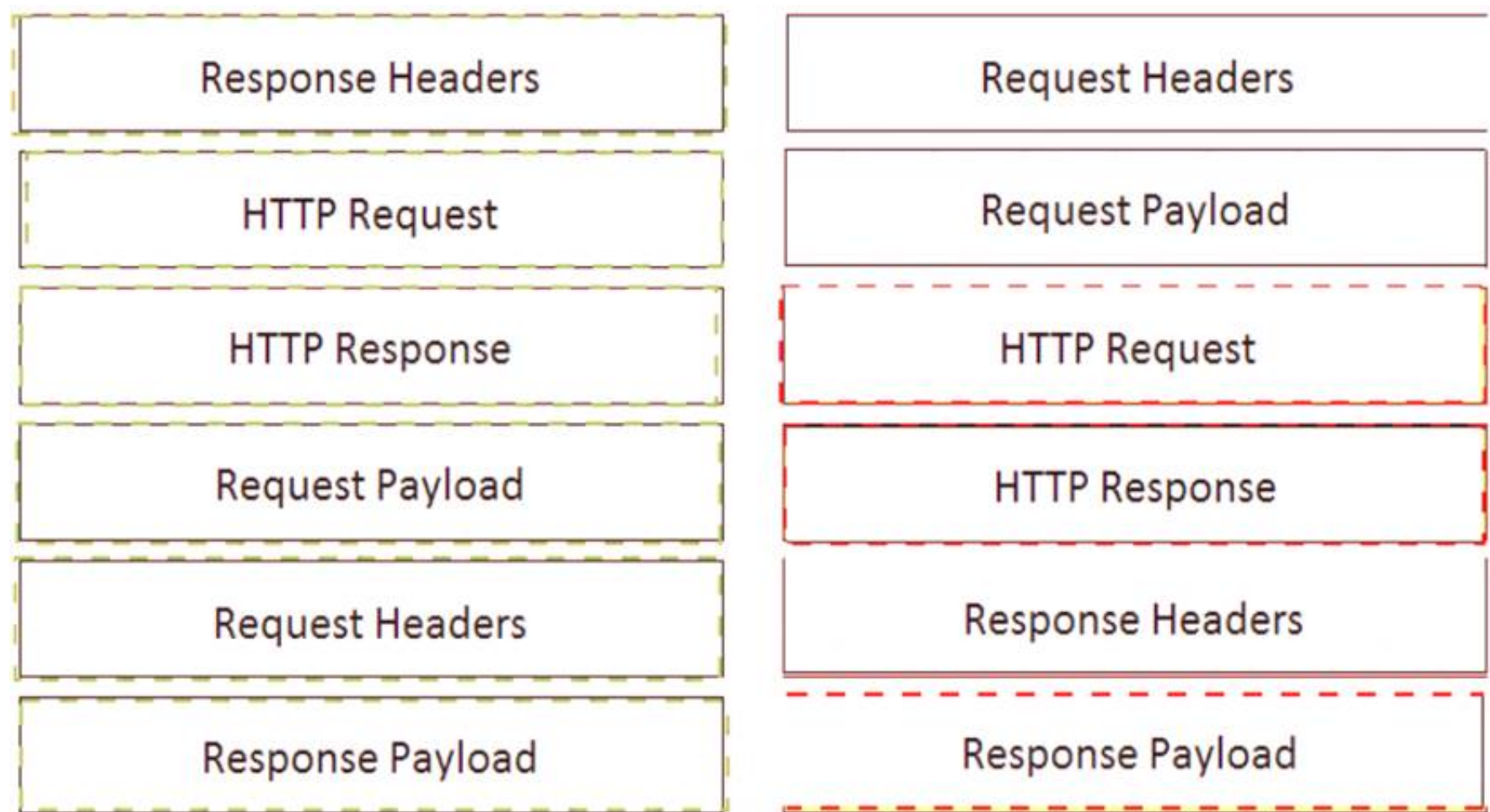D. It reduces data velocity from devices or other data sources.

Answer: A

NEW QUESTION 72
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 75
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 76
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 81
Which statement describes the benefit of using functions in programming?

A. Functions allow problems to be split into simpler, smaller groups, and reduce code repetition, which makes the code easier to read.
B. Functions ensure that a developer understands the inner logic contained before using them as part of a script or application.
C. Functions create the implementation of secret and encrypted algorithms.
D. Functions store mutable values within a script 01 application.

Answer: A

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
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 92
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 96

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 98
......

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