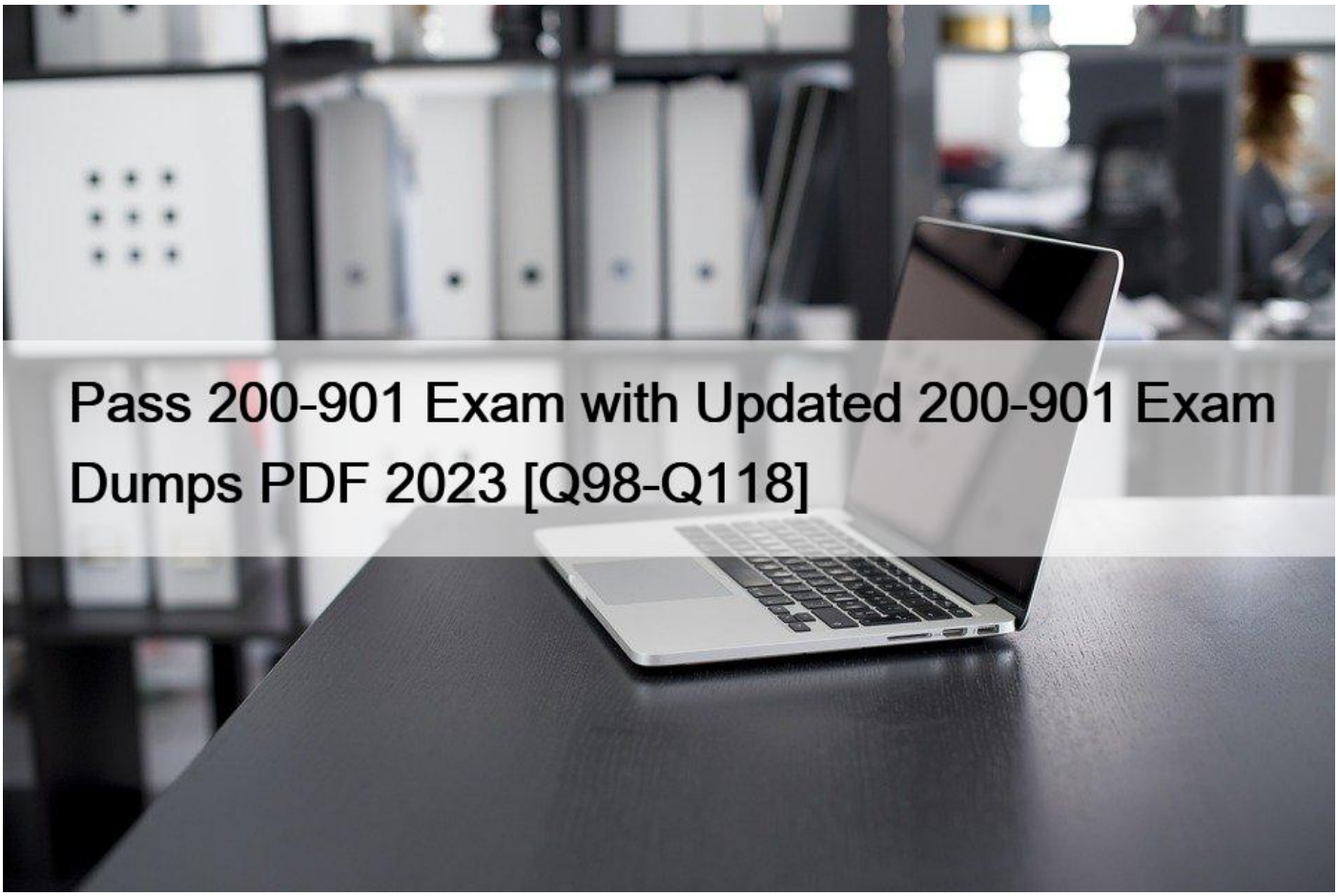
Pass 200-901 Exam with Updated 200-901 Exam Dumps PDF 2023 [Q98-Q118



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NEW QUESTION 98

Refer to the exhibit.

```
def get_result()
        url = "https://sandboxdnac.cisco.com/dna/system/api/v1/auth/token"
        resp = requests.post(url, auth=HTTPBasicAuth(DNAC_USER, DNAC_PASSWORD))
        result = resp.json()['Token']
        return result
```

What does the python function do?
* It returns DNAC user and password.
* It returns HTTP Basic Authentication.
* It returns an authorization token.
* It reads a token from a local JSON file and posts the token to the DNAC URL.

NEW QUESTION 99

In Python, which expression checks whether the script returns a success status code when the Requests library is used?
* response.status_code == requests.codes.ok
* response.code == requests.codes.ok
* response.status_code == requests.ok
* response.status_code != requests.codes.ok

Explanation/Reference: https://realpython.com/python-requests/

NEW QUESTION 100

In the test-driven development model, what is changed after a test fails?
* test
* schedule
* project requirements
* code

NEW QUESTION 101

What is the purpose of a MAC address?
* To uniquely identify a router in a LAN
* To uniquely identify a network interface in a LAN
* To uniquely identify a device on the internet
* To uniquely identify a switch in a LAN

NEW QUESTION 102

When using the Bash shell, how it the output of the devnet command saved to a tile named “output.txt”?
* devnet & output.txt
* devnet > output.txt
* devnet < output.txt
* devnet I output.txt

NEW QUESTION 103

```
GET getNetworkHttpServers
https://api.meraki.com/api/v0/networks/:networkId/httpServers
List the HTTP servers for a network

AUTHORIZATION
API Key

This request is using an authorization helper from collection Meraki Dashboard
API
HEADERS
Accept
*/*
```


Refer to the exhibit. A developer is creating a Python script to obtain a list of HTTP servers on a network named office_east by using the Cisco Meraki API. The request has these requirements:

* Must time out if the response is not received within 2 seconds.

* Must utilize client certificates and SSL certificate verification.

* Must utilize basic authentication that uses a username of admin and a password of cisco.

* Must save the response to an object named response.

Drag and drop the code snippets from the bottom onto the blanks in the code to meet the requirements. Not all options are used.

```
import requests
from requests.auth import HTTPBasicAuth
network = 'office east'
url = 'https://api.meraki.com/api/v0/networks/{}/httpServers'.format (network)
[          ] = requests.get(url=url, headers={ 'Accept': '*/*'},
verify='/etc/pki/tls/certs/ca.pem',
timeout= [          ],
[          ] ('/etc/pki/tls/certs/client.pem',
'/etc/pki/tls/certs/client.key'),
auth= [          ] ('admin', 'cisco'))
response.status_code
```


token	response	2
HTTPTokenAuth	HTTPBasicAuth	cert

```
import requests
from requests.auth import HTTPBasicAuth
network = 'office east'
url = 'https://api.meraki.com/api/v0/networks/{}/httpServers'.format (network)
response = requests.get(url=url, headers={ 'Accept': '*/*'},
verify='/etc/pki/tls/certs/ca.pem',
timeout= 2 ,
cert ('/etc/pki/tls/certs/client.pem',
'/etc/pki/tls/certs/client.key'),
auth= HTTPTokenAuth ('admin', 'cisco'))
response.status_code
```

token	response	2
HTTPTokenAuth	HTTPBasicAuth	cert

NEW QUESTION 104

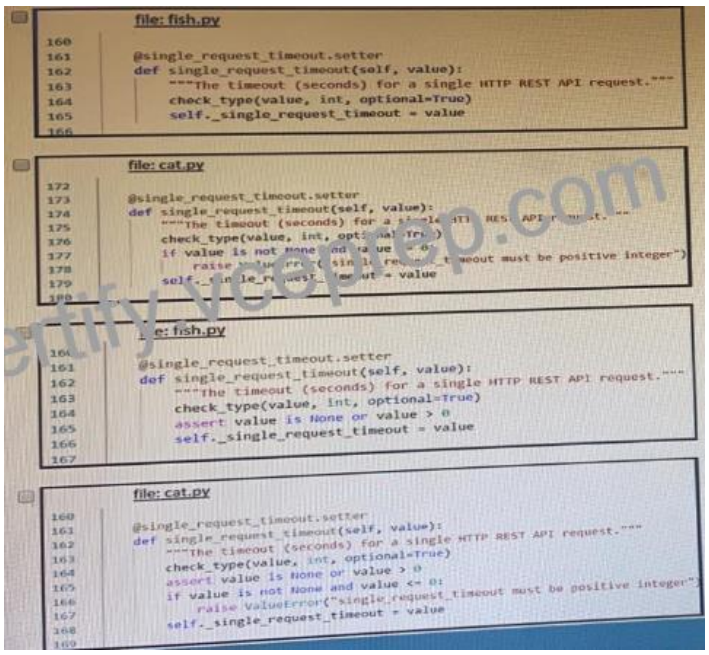
Refer to the exhibit.

```
$ 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.
```

The output of a unified diff when comparing two versions of a python script is shown. Which two “single_request _timeout ()”


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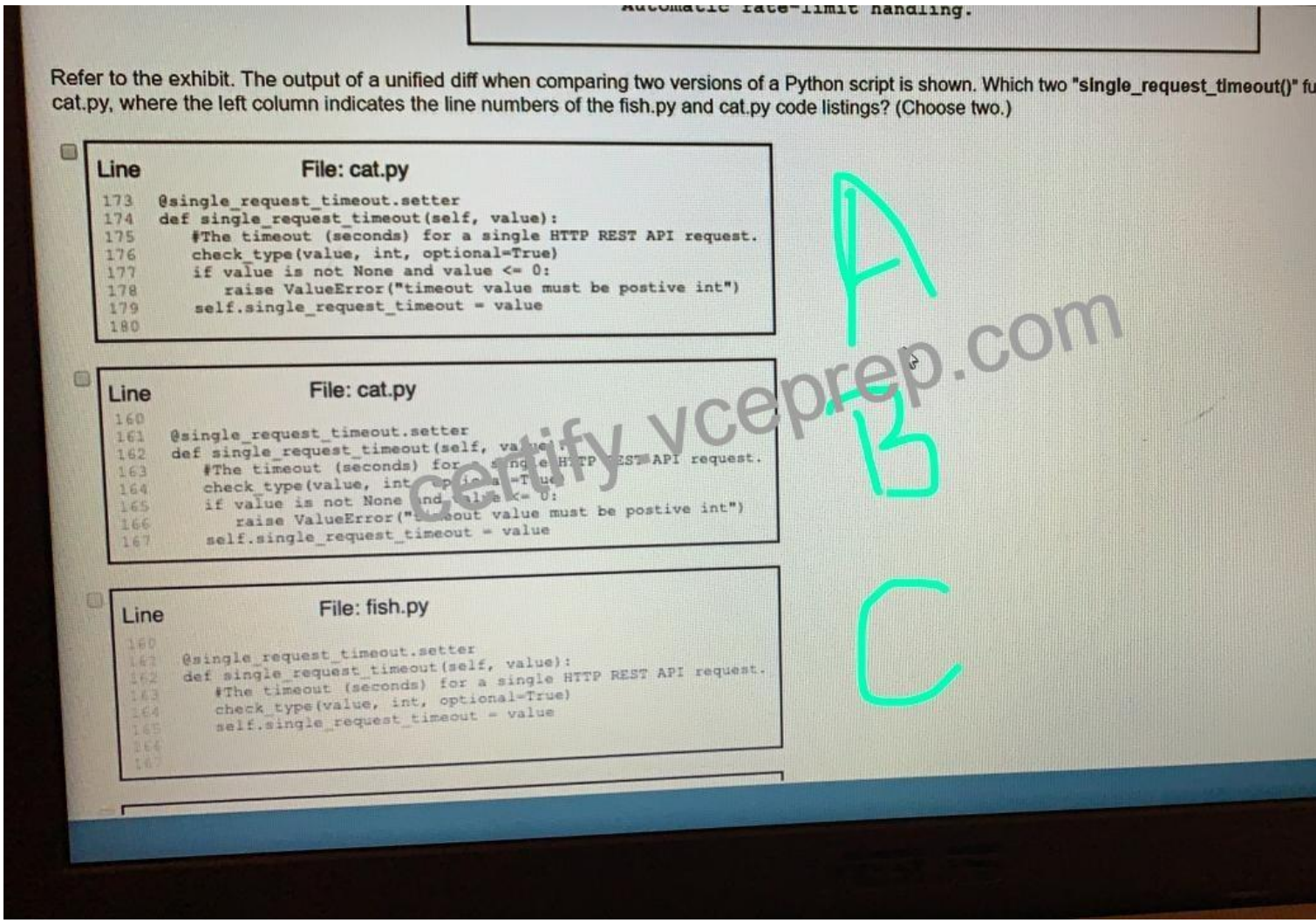
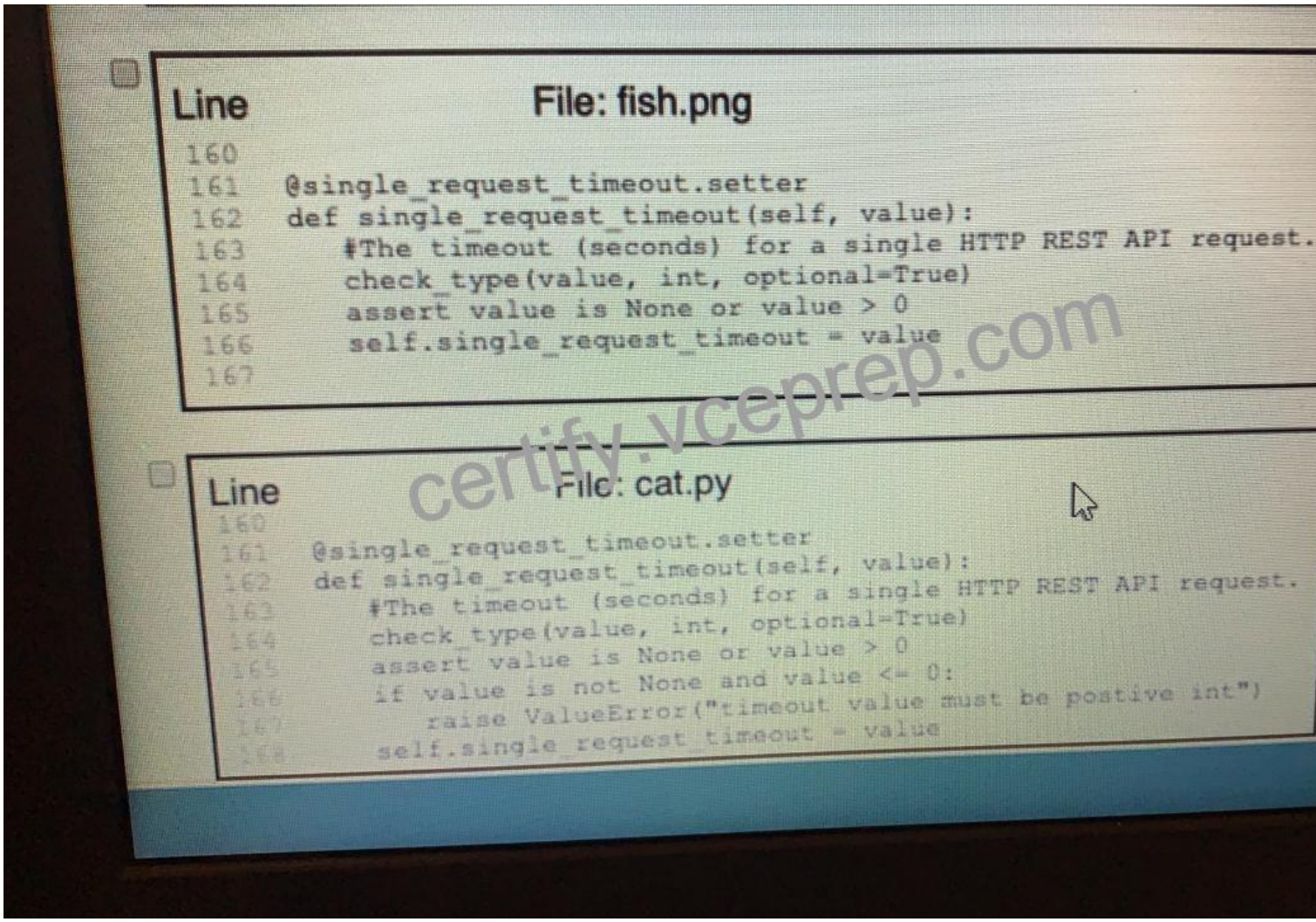
assert value is None or value > 0
file: cat.py
@single_request_timeout.setter
def single_request_timeout(self, value):
"""The timeout (seconds) for a single HTTP REST API request."""
check_type(value, int, optional=True)
assert value is None or value > 0
if value is not None and value <= 0:
raise ValueError("single_request_timeout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

OR


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()" fu
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 postive int")
179 self.single_request_timeout = value
180
Line 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 if value is not None and value <= 0:
166 raise ValueError("timeout value must be postive int")
167 self.single_request_timeout = value
Line 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
167
A
B
C



* Option A
* Option B
* Option C
* Option D

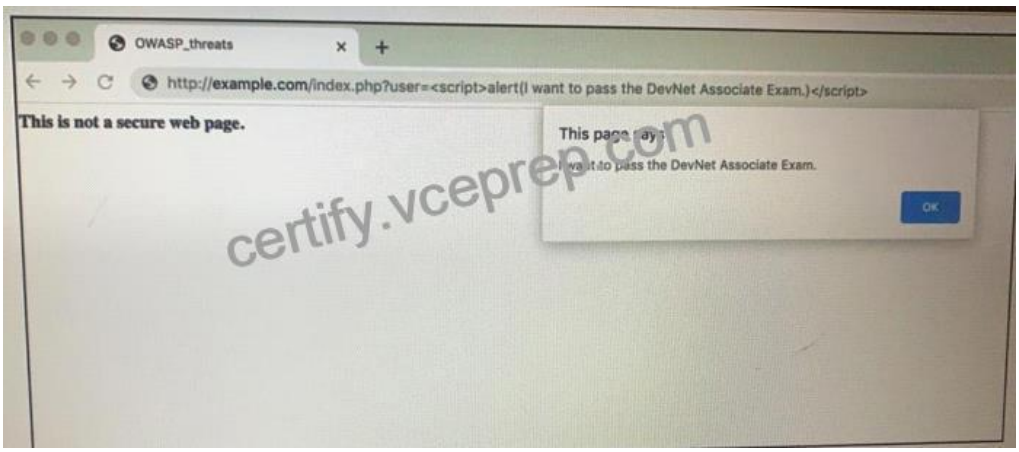
NEW QUESTION 105

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

* Change the HTTP method to PUT.
* Change the transport protocol to HTTPS.
* Check the MIMF types in the HTTP headers.
* Check the authentication credentials.

NEW QUESTION 106

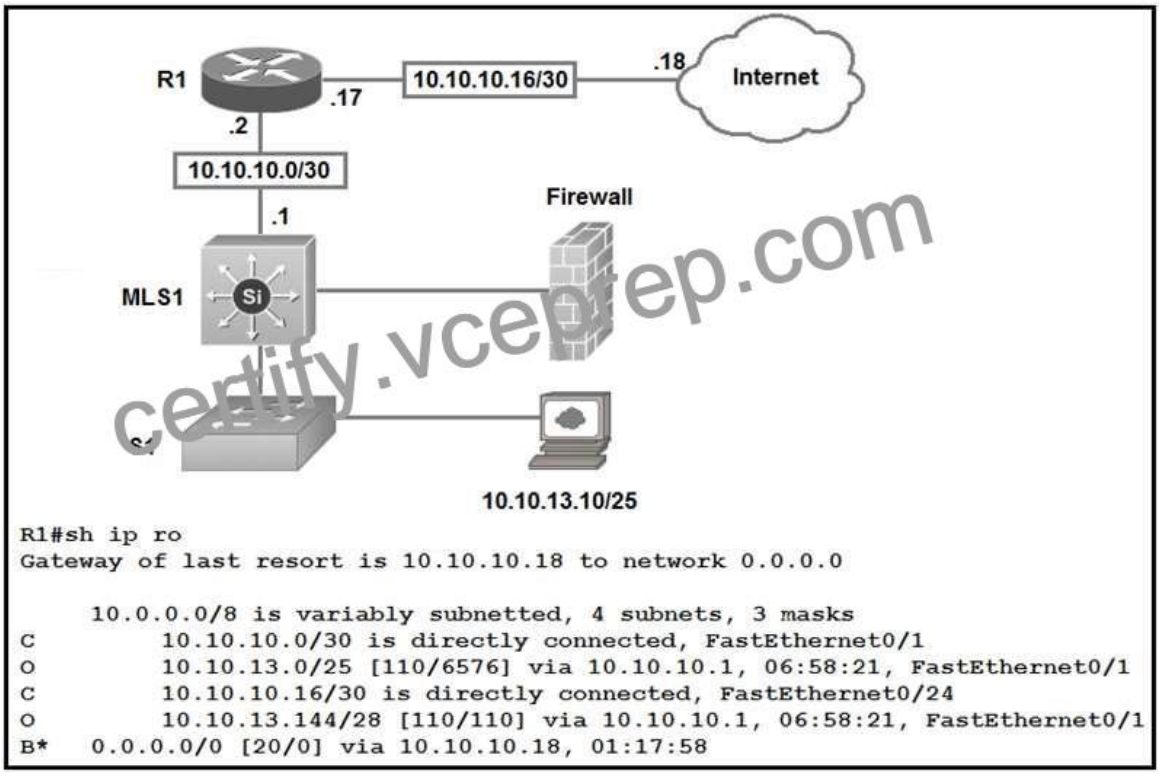
Refer to the exhibit.



Which OWASP threat does this example demonstrate?

* broken access control
* SQL injection
* man-in-the-middle
* cross-site scripting

NEW QUESTION 107



Refer to the exhibit. Which type of route does R1 use to reach host 10.10.13.10/32?

* default route
* network route

* host route
* floating static route

Section: Network Fundamentals

NEW QUESTION 108

Refer to the exhibit.

```
def process_devices(dnac, token):
    url = "https://{}/api/v1/network-device".format(dnac['host'])
    headers["x-auth-token"] = token
    response = requests.get(url, headers=headers, verify=False)
    data = response.json()
    for item in data['response']:
        print(item["hostname"]," ", item["managementIpAddress"])
```

What is the function of the python script?

* Count and print the total number of available devices.
* Iterate over a list of network devices and write all device names and management IP addresses to an output file.
* Iterate over a list of network devices and write all device type and associated management IP address.
* For each device that is returned, display the device and, for each device, print the device name and management IP address.
* Loop through the returned list of network devices and, for each device, print the device name management IP address.

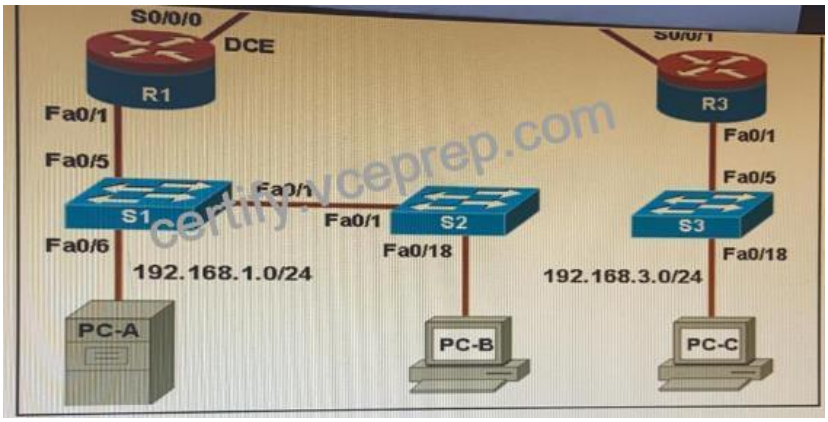
NEW QUESTION 109

What are two benefits of managing network configuration via APIs? (Choose two.)

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

NEW QUESTION 110

Refer to the exhibit.

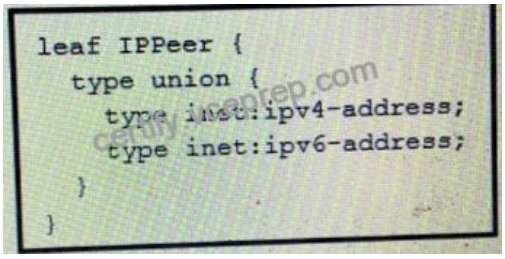


Which two statements about the network diagram are true? (Choose two.)

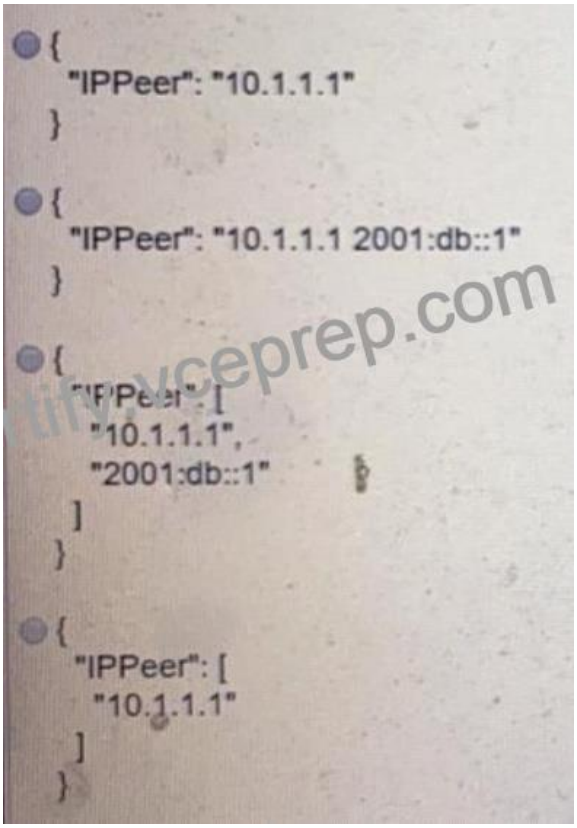
* PC-A and PC-B are in the same subnet.
* One of the routers has two connected serial interfaces.
* The subnet of PC-C can contain 256 hosts.
* R1 and R3 are in the same subnet.
* The subnet address of PC-B has 18 bits dedicated to the network portion.

NEW QUESTION 111

Refer to the exhibit.



What is the value of the node defined by this YANG structure?



* Option A
* Option B
* Option C
* Option D

https://tools.ietf.org/html/rfc7950#section-9.12

NEW QUESTION 112

In which situation would an edge computing solution be used?
* where low latency is needed
* where high CPU throughput is needed
* where fast memory is needed
* where high disk space is needed

NEW QUESTION 113

Refer to the exhibit.

```
module ietf-ip {
 namespace "urn:ietf:params:xml:ns:yang:ietf-ip";
 prefix ip;
 import ietf-interfaces {
   prefix if;
 }
 augment "/if:interfaces/if:interface" {
   container ipv4 {
     leaf enabled {
       type boolean;
       default true;
     }
     list address {
       key "ip";
       leaf ip {
         type inet:ipv4-address-no-zone;
       }
       choice subnet {
         mandatory true;
         leaf prefix-length {
           type uint8 {
             range "0..32";
           }
         }
         leaf netmask {
           type yang:dotted-quad;
         }
       }
     }
   }
 }
}
```

```
module ietf-interfaces {
  namespace "urn:ietf:params:xml:ns:yang:ietf-
  interfaces";
  prefix if;
  typedef interface-ref {
    type leafref {
      path "/if:interfaces/if:interface/if:name";
    }
  }
  container interfaces {
    list interface {
      key "name";
      leaf name {
        type string;
      }
      leaf description {
        type string;
      }
      leaf type {
        type identityref {
          base interface-type;
        }
        mandatory true;
      }
      leaf enabled {
        type boolean;
        default "true";
      }
    }
  }
}
```

Which JSON snippet configures a new interface according to YANG model?

A)

```
"ietf-interfaces:interface": {
  "name": "Loopback100",
  "enabled": true,
  "ietf-ip:ipv4": {
    "address": [
    {
      "ip": "10.255.254.1",
      "netmask": "255.255.255.0"
    } ] }
}
```

B)

```
"ietf-interfaces": {
  interface": {
    "name": "Loopback100",
    "enabled": true,
    "ietf-ip": {
      ipv4": {
      "address": [
        {
          "ip": "10.255.254.1",
          "netmask": "255.255.255.0"
        } ] } }
}
```


C)

```
"  interface": {
   "name": "Loopback100",
   "enabled": true,
   "ipv4": {
     "address": [
     {
       "ip": "10.255.254.1",
       "netmask": "255.255.255.0"
      } ] }
}
```


D)

```
"ietf-interfaces:interface": {
   "name": "Loopback100",
   "enabled": true,
   "ietf-ip:ipv4-address": [
     {
       "ip": "10.255.254.1",
       "netmask": "255.255.255.0"
     } ]
}
```

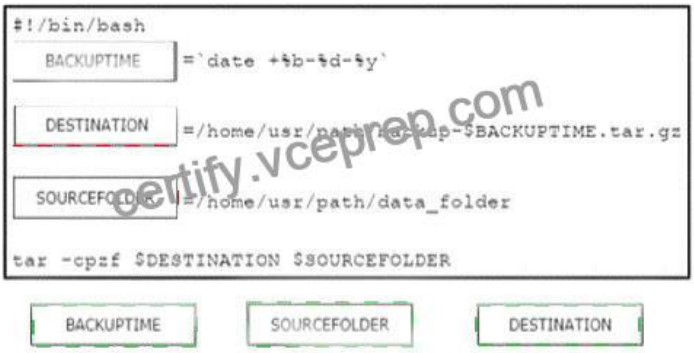

* Option A
* Option B
* Option C
* Option D

NEW QUESTION 114

What are two advantages of the Model-View-Controller software design pattern? (Choose two.)
* allows for multiple views of the same model
* separates responsibilities of the code, which makes future modifications easier
* simplifies network automation
* makes code easier to deploy using CI/CD pipelines
* reduces need for error handling

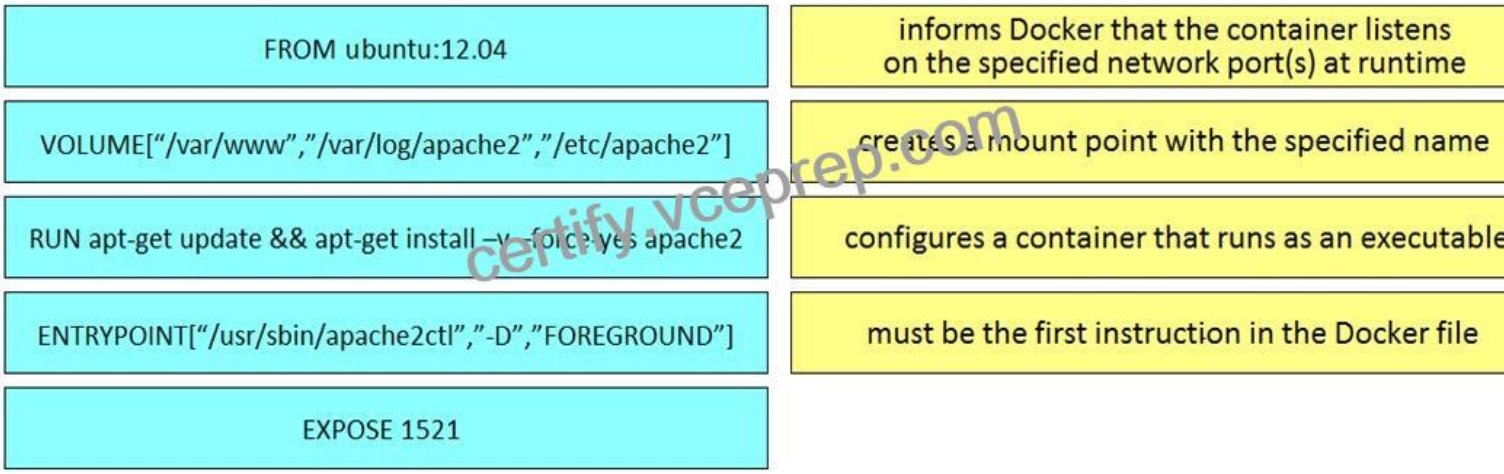
NEW QUESTION 115

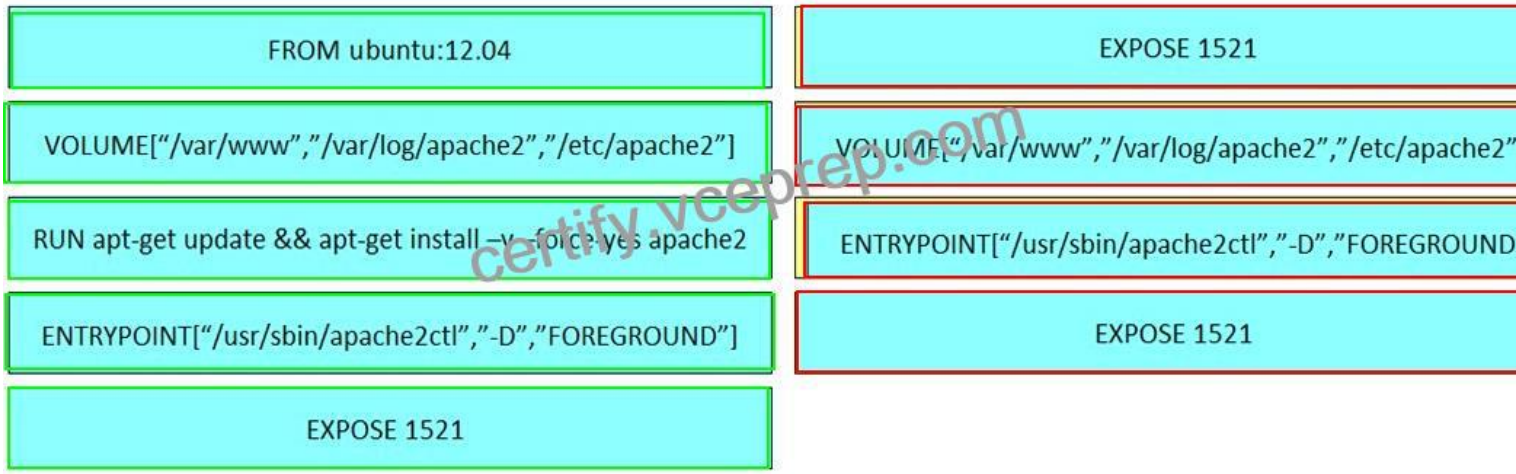
Drag and drop the code from the bottom onto the box where the code is missing in the Bash script to complete the missing assignment.



NEW QUESTION 116

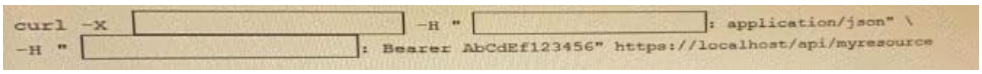
Drag and drop the Dockerfile instructions from the left onto the descriptions on the right. Not at options are used.





NEW QUESTION 117

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



GET, Accept, Authorization

Explanation

See the solution below.

NEW QUESTION 118

Refer to the exhibit.

```
#!/bin/bash
read ndir
while [ -d "$ndir" ]
do
cd $ndir
done
mkdir $ndir
```

What is the action of the Bash script that is shown?

* For all directories in the current folder, the script goes into the directory and makes a new directory.
* The script waits until input is entered. If the directory exists, the script goes into it until there is no directory with the same name, then it creates a new directory.
* The script waits until input is entered, then it goes into the directory entered and creates a new directory with the same name.
* The script goes into the directory called “$ndir” and makes a new directory called “$ndir”.

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