



# Cisco

## Exam Questions 200-901

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

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#### 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

Refer to the exhibit.

DELETE	Create
GET	Read
PATCH	Update
POST	Update
PUT	Delete

A REST API return this JSON output for a GET HTTP request, Which has assigned to a variable called “vegetables” Using python, which output is the result of this command?

DELETE	POST
GET	GET
PATCH	PATCH
POST	PUT
PUT	DELETE

- A. Lettuce
- B. Kiwi
- C. ['kiwi', 'grape']
- D. {'color': 'green', 'items': ['kiwi', 'grape']}

**Answer:** B

#### 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

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.

**Answer:** C

#### NEW QUESTION 6

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 7

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 8

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 9

Refer to the exhibit.

```
{
  "items": [{
    "kind": "object#NetworkObj",
    "selfLink": "https://10.201.230.5/api/objects/networkobjects/db01",
    "name": "db01",
    "host": {
      "kind": "IPv4address",
      "value": "172.16.0.11"
    },
    "objectId": "db01"
  }]
}
```

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

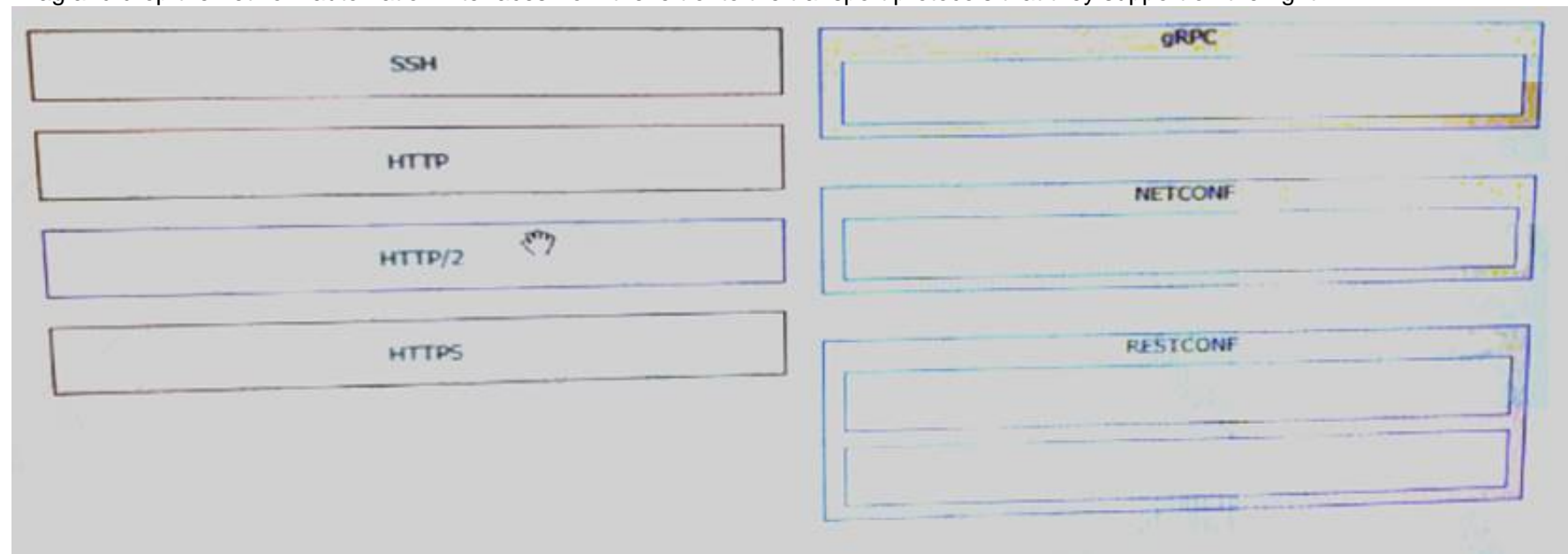
- A. The script waits until input is entered
- B. If the directory exists, the script goes into it until there is no directory with the same name, then it creates a new directory.
- C. The script goes into the directory called "\$ndir" and makes a new directory called "\$ndir"

- D. The script waits unit input is entered, then it goes into the directory entered and creates a new directory with the same name.
- E. For all directories in the current folde
- F. The script goes into directory and makes a new directory.

Answer: A

NEW QUESTION 10

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 10

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 12

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

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

Answer: B

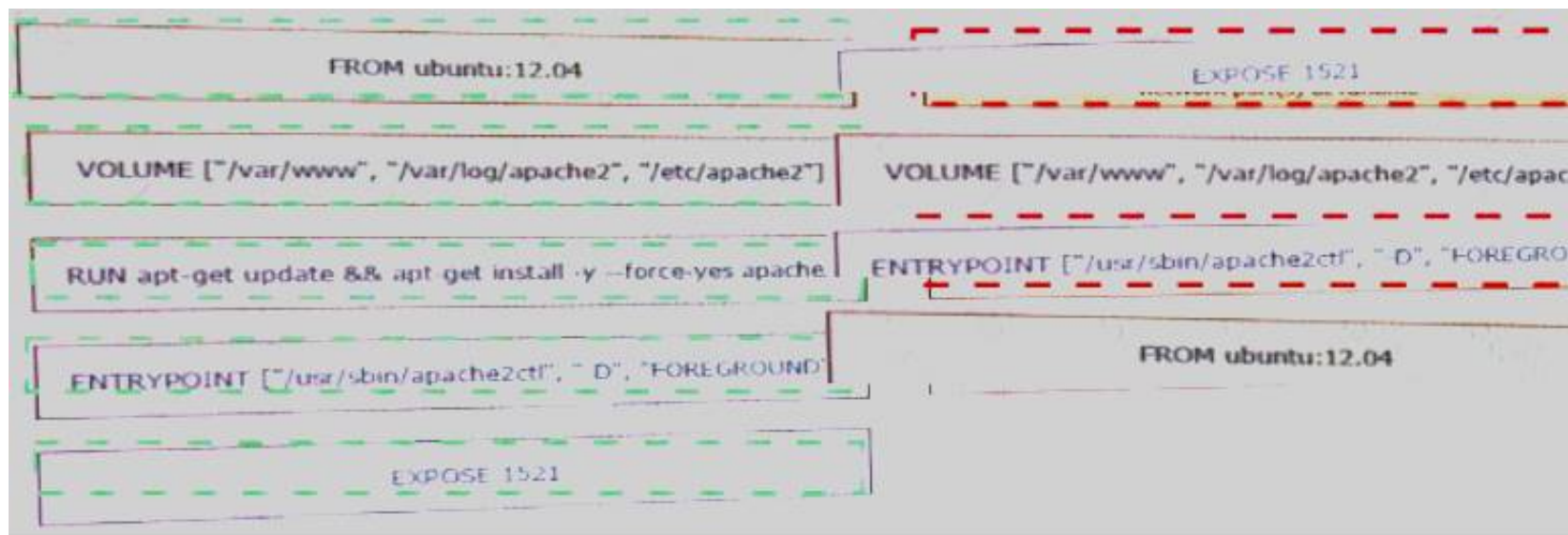
NEW QUESTION 14

Refer to the exhibit.



Fill in the blank to complete the query parameter and value so that the result set is returned in reverse chronological order (most recent first) based on when message were entered.





- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

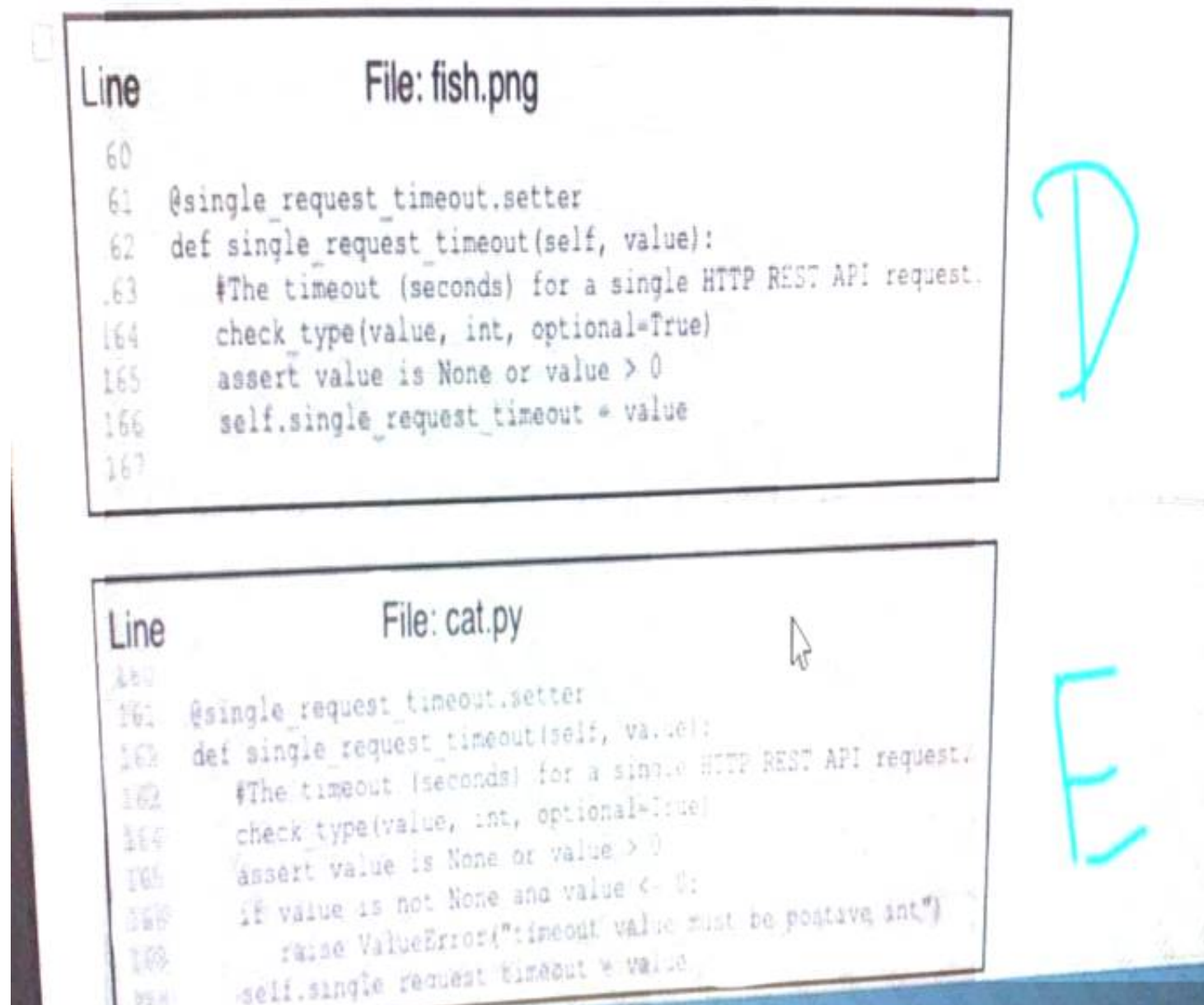
?sortBy=lastactivity

```

<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 17

Refer to the exhibit.



What is the effect of this Ansible playbook on an IOS router?

- A. A new running configuration is pushed to the IOS router.
- B. The current running configuration of the IOS router is backed up.
- C. The start-up configuration of the IOS router is copied to a local folder.
- D. A new start-up configuration is copied to the IOS router.

**Answer:** B

#### NEW QUESTION 21

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 25

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 29

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 34

Which PAI is used to obtain data voicemail ports?

- A. Finesse gadgets
- B. Cisco Unified Communications manager
- C. Webex devices
- D. Webex teams

**Answer:** B

#### NEW QUESTION 35

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 37

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 40

Refer to the exhibit.



Given the API documentation for the UCS SDK python class, UcsHandle, which code snippet creates a handle instance?

```
---
- hosts: switch2960cx
  gather_facts: no

  tasks:
    - ios_l2_interface:
      name: GigabitEthernet0/1
      state: unconfigured

    - ios_l2_interface:
      name: GigabitEthernet0/1
      mode: trunk
      native_vlan: 1
      trunk_allowed_vlans: 6-8
      state: present

    - ios_vlan:
      vlan_id: 6
      name: guest-vlan
      interfaces:
        - GigabitEthernet0/2
        - GigabitEthernet0/3

    - ios_vlan:
      vlan_id: 7
      name: corporate-vlan
      interfaces:
        - GigabitEthernet0/4

    - ios_vlan:
      vlan_id: 8
      name: iot-vlan
      interfaces:
        - GigabitEthernet0/5
```

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



**Answer:** B

#### NEW QUESTION 44

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 47

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

**Answer:** B

#### NEW QUESTION 50

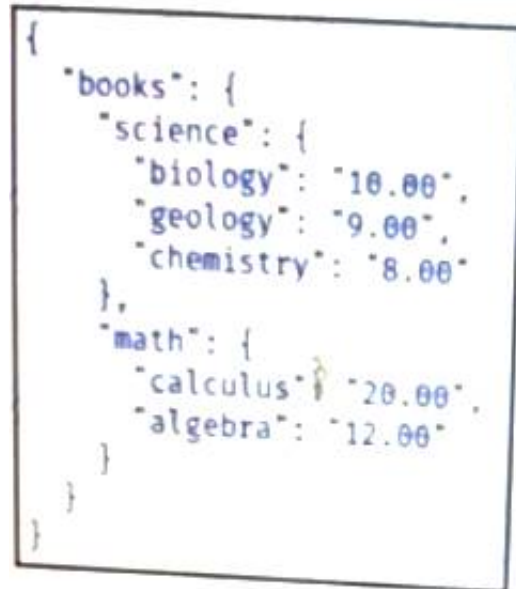
In DNS, which record specifies an alias that refers to another name that ultimately resolves to an IP address?

- A. AAA
- B. SOA
- C. NS
- D. CNAME

**Answer:** D

#### NEW QUESTION 54

Drag and drop the descriptions from the left onto correct application deployment models on the right.



- A. Mastered
- B. Not Mastered

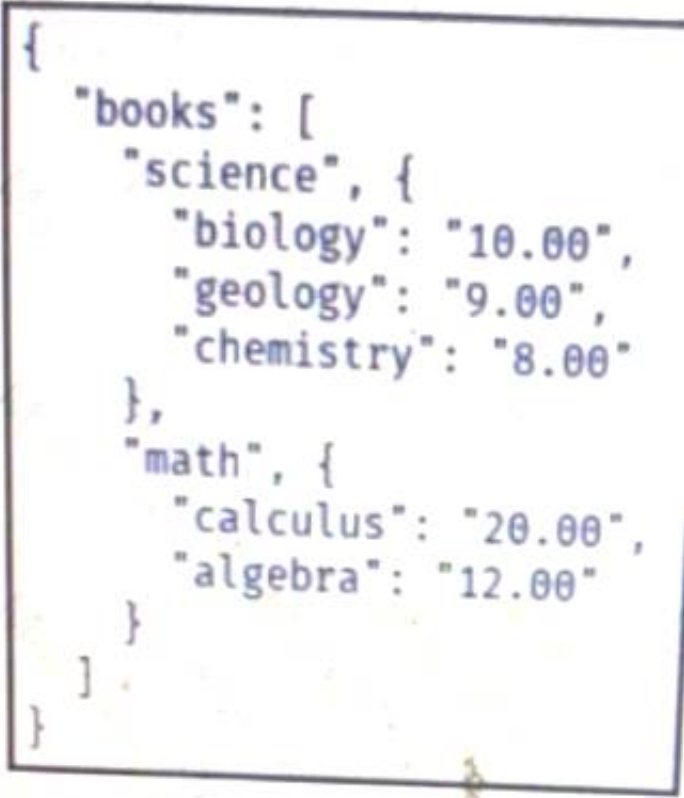
**Answer:** A

#### Explanation:

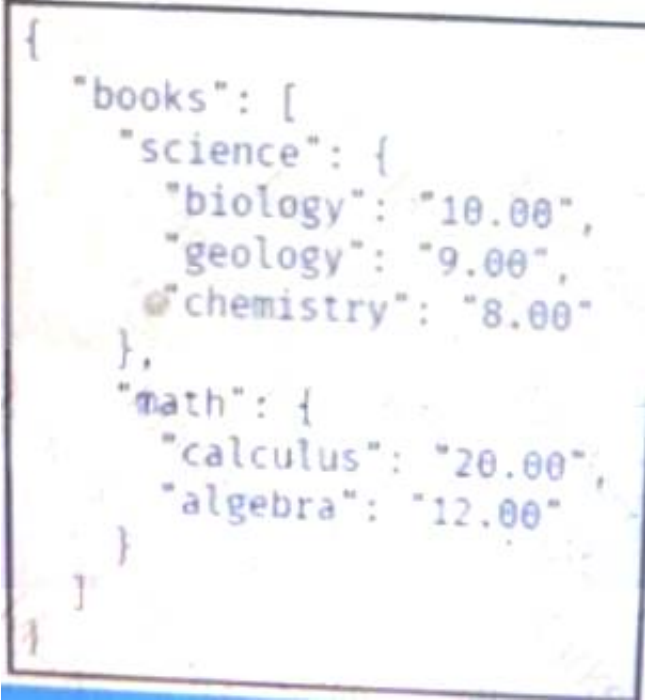
1 – B, 2 – E, 3 – C, 4 – D, 5 – A

#### NEW QUESTION 56

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 59  
Refer to the exhibit.

DNS server	DNS server
firewall	firewall
reverse proxy	load balancer
load balancer	reverse proxy
NAT gateway	

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

- A. PC-A and PC-B are in the same subnet.
- B. One of the routers has two connected serial interfaces.
- C. The subnet of PC-C can contain 256 hosts.

- D. R1 and R3 are in the same subnet.  
 E. The subnet address of PC-B has 18 bits dedicated to the network portion.

**Answer:** BC

#### NEW QUESTION 62

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 64

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

- A. JSON objects are collection of key value pairs.  
 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 67

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 72

Drag and Drop the Bash commands from the left onto the correct actions on the right.



- 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 75**  
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 76**  
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 77**  
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