



Cisco

Exam Questions 200-901

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

NEW QUESTION 1

Refer to the exhibit.

```
<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>
```

Which JSON is equivalent to the XML –encoded data?

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

```
[ {
  "books": {
    "science": {
      "biology": "10.00",
      "geology": "9.00",
      "chemistry": "8.00"
    },
    "math": {
```

```

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

```

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

```

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

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

Answer: A

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

Refer to the exhibit.

```

docker run -p 3000:5000 f877cbf2ff33
    
```

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 4

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 5

Refer to the exhibit.

```

---
- 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: tot-vlan
      interfaces:
        - GigabitEthernet0/5
  
```

Which two statement describe the configuration of the Ansible script is run? (Choose two.)

- A. Traffic on port 0/2 and 0/3 is connected to port 0/6.
- B. Traffic from ports 0/2 to 0/5 can flow on port 0/1 due to the trunk.
- C. Traffic can flow between ports 0/2 to 0/5 due to the trunk on port 0/1.
- D. GigabitEthernet0/2 and GigabitEthernet0/3 are access ports for VLAN 6.
- E. GiabitEthernet0/1 is left unconfigured.

Answer: BD

NEW QUESTION 6

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 7

Refer to the exhibit.

```

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...
}

```

What is represented in this YANG module?

- A. interface management
- B. topology
- C. BGP
- D. OpenFlow

Answer: A

NEW QUESTION 8

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

DNS server	contains a database of public IP addresses and their associated hostnames and often resolves or translates those names to IP addresses, as requested
firewall	enforces a set of rules about which data packets are allowed to enter or leave a network.
reverse proxy	distributes network and application traffic across different servers
load balancer	retrieves resources on behalf of a client from one or more servers, then returns resources to the client, thus appearing as if they originated from the service itself
NAT gateway	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1 – A, 2 – B, 3 – D, 4 – C

NEW QUESTION 9

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 10

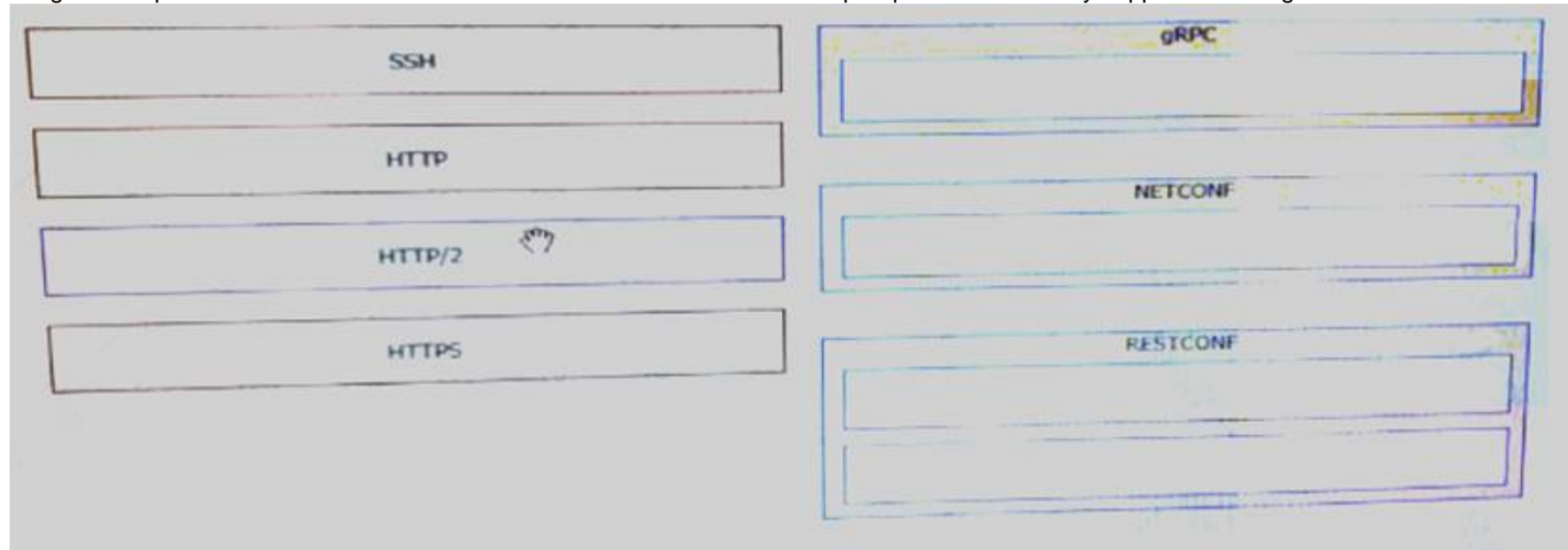
A developer is writing an application that a REST API and the application requires a valid from the API which element of the response is used in the conditional check?

- A. URL
- B. Status code
- C. Link
- D. Body
- E. Headers

Answer: B

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

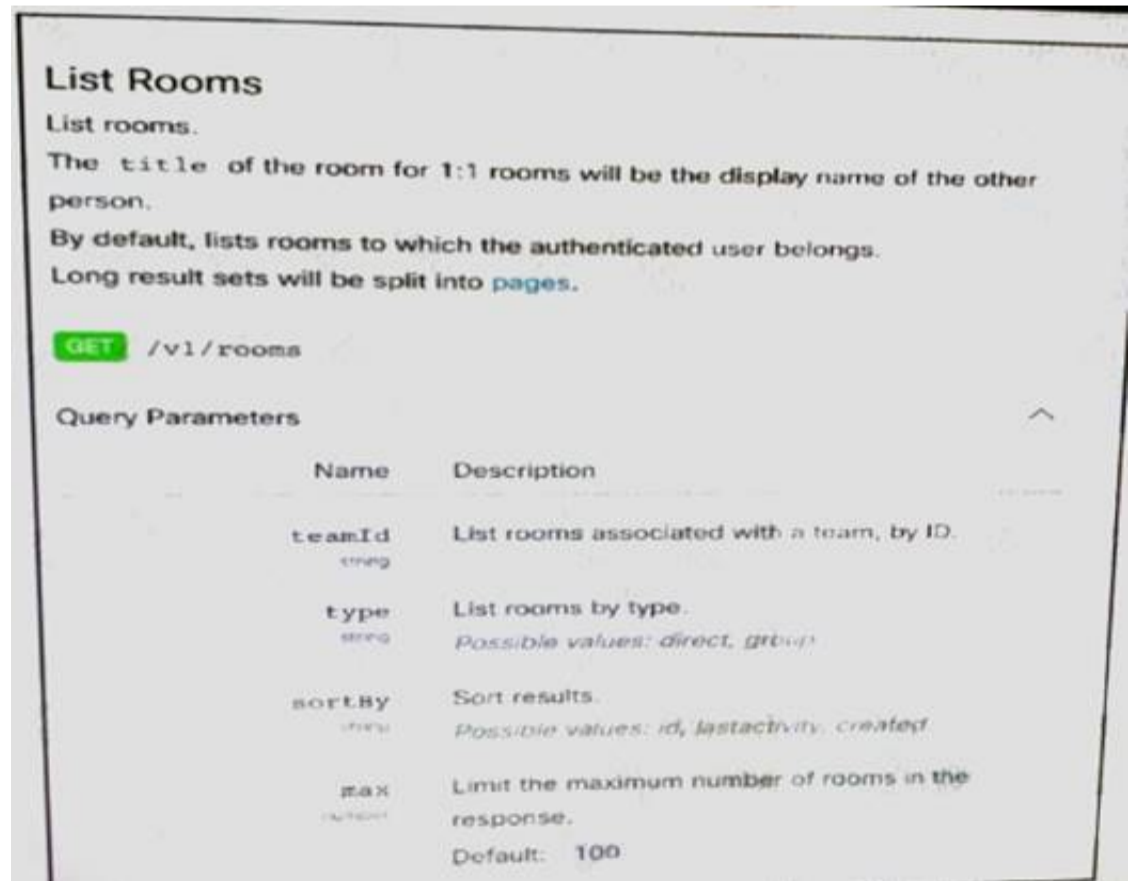
Answer: A

Explanation:

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

NEW QUESTION 15

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.

HTTP GET /v1/rooms []

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

?sortBy=lastactivity

HTTP GET /v1/rooms ?sortBy=lastactivity

NEW QUESTION 18

Refer to the exhibit.

```

1  ---
2  - hosts: ([ router ])
3    gather_facts: true
4    connection: local
5
6  tasks:
7  - ios_command
8    commands:
9      - show run
10   provider: "([ router_credentials ])"
11   register: config
12
13 - copy:
14   content: "([ config.stdout[0] ])"
15   dest: "etc/ansible/configs/command_([ router_hostname ]).txt
16   ...

```

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 23

Which CI/CD tool is an automation tool used to build, test, and deploy software?

- A. Nagios
- B. Gradle
- C. Jenkins
- D. Git

Answer: C

NEW QUESTION 25

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 30

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

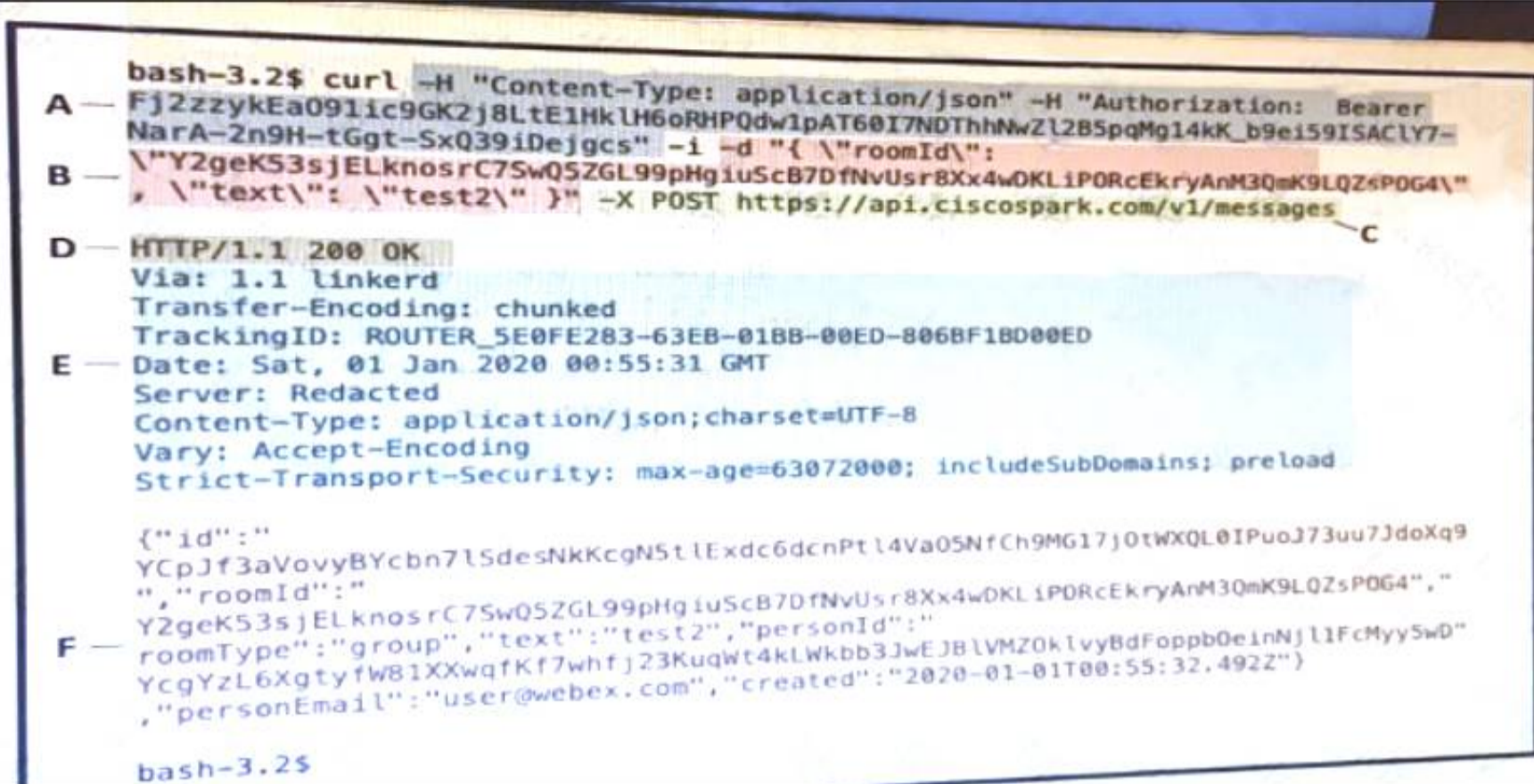
- ```
def test_func(self):
 self.assertTrue(my_func())
```
- ```
def test_func(self):
    self.assertRaises(my_func())
```
- ```
def test_func(self):
 self.assertEqual(my_func(), '{true}')
```
- ```
def test_func(self):
    self.assertFalse(my_func())
```

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

Answer: B

NEW QUESTION 34

Refer to the exhibit.



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

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:

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

NEW QUESTION 36

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 resources.
- D. The submitted JSON payload has a formatting issue.

Answer: D

NEW QUESTION 39

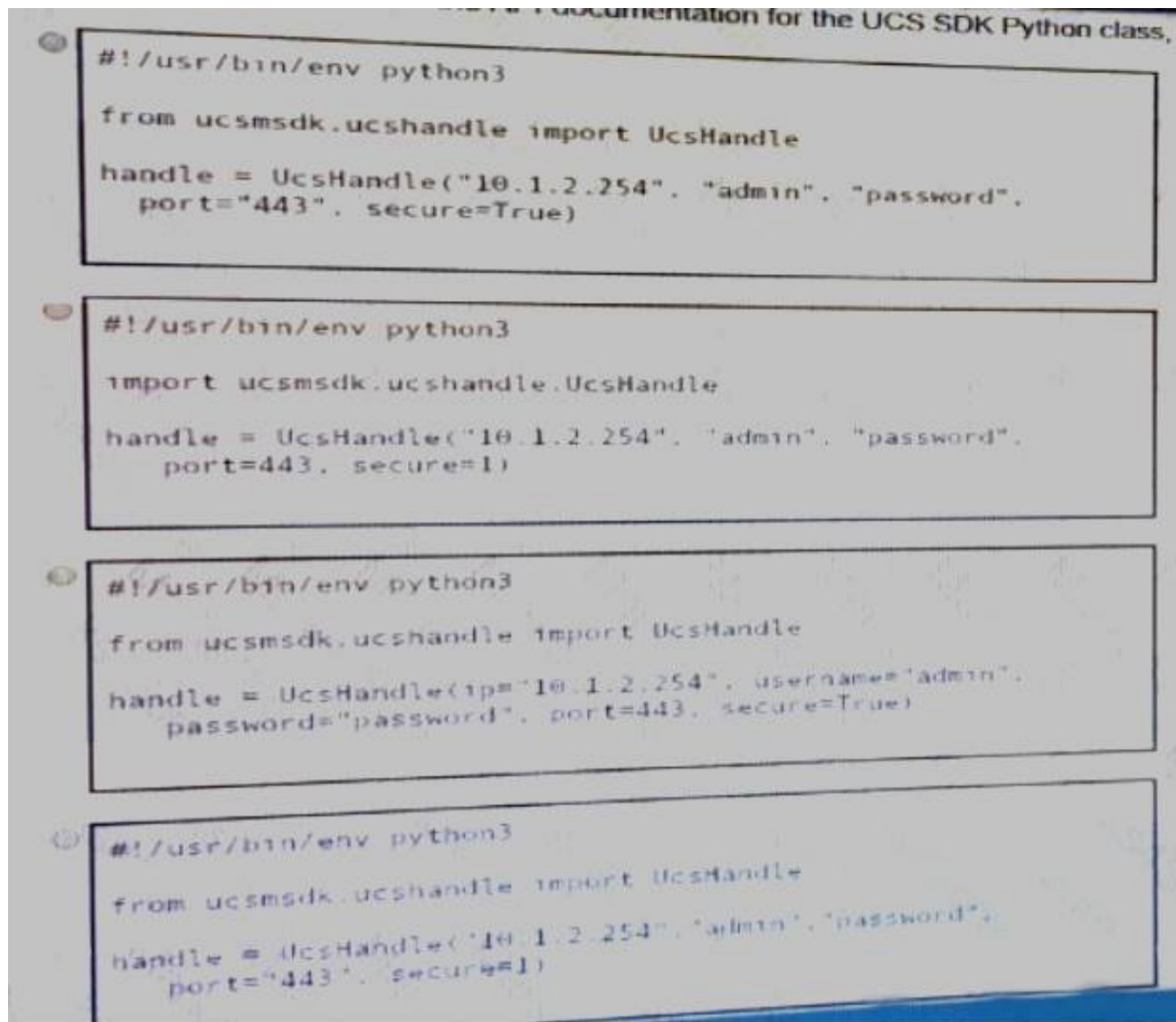
Refer to the exhibit.

```
class ucsmSdk.ucshandle.UcsHandle(ip, username, password, port=None,
secure=None, proxy=None) [source]
    Bases: ucsmSdk.ucsession.UcsSession

    UcsHandle class is the user interface point for any Ucs related communication.

    Parameters:
    • ip (str) – The IP or Hostname of the UCS Server
    • username (str) – The username as configured on the UCS Server
    • password (str) – The password as configured on the UCS Server
    • port (int or None) – The port number to be used during connection
    • secure (bool or None) – True for secure connection, otherwise False
    • proxy (str) – The proxy object to be used to connect
```

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



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

Answer: B

NEW QUESTION 43

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 45

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 50

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.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1 – C, 2 – D, 3 – B, 4 - A

NEW QUESTION 52

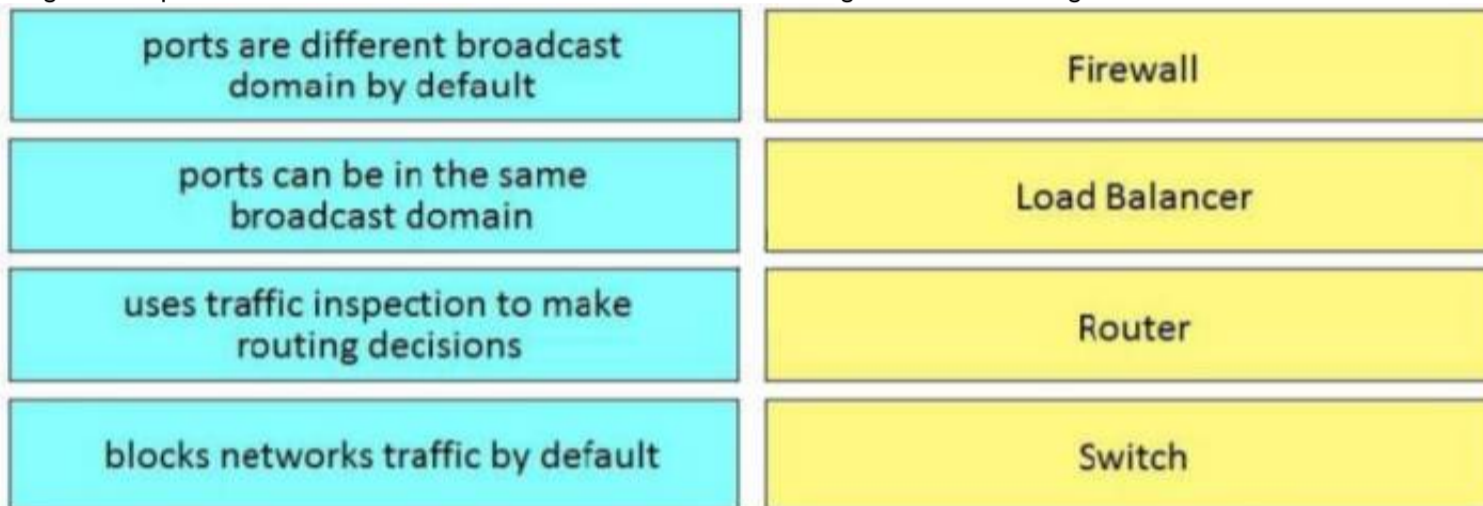
Before which process is code review performed when version control is used?

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

Answer: C

NEW QUESTION 57

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



- A. Mastered
- B. Not Mastered

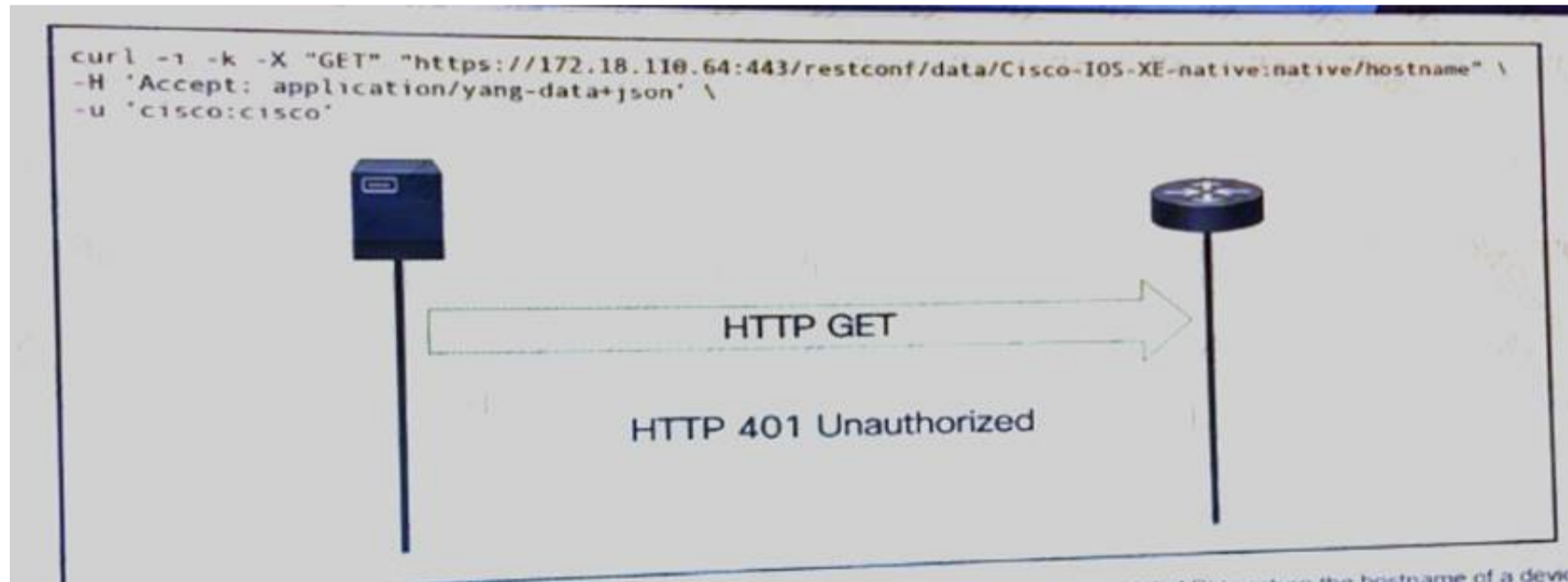
Answer: A

Explanation:

1 – D, 2 – C, 3 – A, 4 – B

NEW QUESTION 62

Refer to the exhibit.



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 65

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 67

Drag and drop the element of the Finesse API on the left onto the description of its functionality on the right.

User	Represents a skill group in Unified CCE.
Dialog	Represents the current state of the system.
Media	Represents an agent, supervisor or administrator.
Queue	Represents a group of users.
Team	Represents a call and the participants if the media type is voice.
SystemInfo	Sends client-side logging to the Finesse Server.
ClientLogs	Represents a user's state in a non-voice Media Routing Domain.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 68

Which model-driven programmability protocol does Cisco IOS XE Software support?

- A. CORBA
- B. SSH
- C. gNMI
- D. SOAP

Answer: C

NEW QUESTION 70

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
```

```
curl -X [ ] -H "[ ]: application/json" \
-H "[ ]: Bearer AbCdEf123456" https://localhost/api/myresource
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

See the solution below.

```
curl -X GET [ ] -H "[ ]: application/json" \
-H "[ ]: Bearer AbCdEf123456" https://localhost/api/myresource
```

NEW QUESTION 74

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

provides a low-latency compute capability close to the data source	Public Cloud
environment where you pay only for the resources that you consume	
offers a self-service, elastic compute environment from a dedicated set of physical resources	Private Cloud
provides an approach for overflow traffic to burst out to meet peak demands	
shared compute platform that is offered over the Internet	Hybrid Cloud
	Edge Computing

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1 – B, 2 – E, 3 – C, 4 – D, 5 – A

NEW QUESTION 78

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

400	Unauthorized
401	Not Found
403	Bad Request
404	Forbidden

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1 – B, 2 – D, 3 – A, 4 – C

NEW QUESTION 79

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 86

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

cd~	list files in directory sorted by edited date descending
cd/	create directory
is -l	copy file
is -t	change directory to user \$HOME
cp	create environment variable
cp -r	change directory to file system root
mv	move file
touch	create file
mkdir	copy directory
export	list files in directory with details

- 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 89

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.

```

$ 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 ZGV2ZWxvcGVyOkMke2NvMTIzNDU=' -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

```

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

.....

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NEW QUESTION 1

Refer to the exhibit.

```
<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>
```

Which JSON is equivalent to the XML –encoded data?

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

```
[ {
  "books": {
    "science": {
      "biology": "10.00",
      "geology": "9.00",
      "chemistry": "8.00"
    },
    "math": {
```

```

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

```

```

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

```

```

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

```

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

Answer: A

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

Refer to the exhibit.

```

docker run -p 3000:5000 f877cbf2ff33

```

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 4

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 5

Refer to the exhibit.

```

---
- 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: tot-vlan
      interfaces:
        - GigabitEthernet0/5
  
```

Which two statement describe the configuration of the Ansible script is run? (Choose two.)

- A. Traffic on port 0/2 and 0/3 is connected to port 0/6.
- B. Traffic from ports 0/2 to 0/5 can flow on port 0/1 due to the trunk.
- C. Traffic can flow between ports 0/2 to 0/5 due to the trunk on port 0/1.
- D. GigabitEthernet0/2 and GigabitEthernet0/3 are access ports for VLAN 6.
- E. GiabitEthernet0/1 is left unconfigured.

Answer: BD

NEW QUESTION 6

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 7

Refer to the exhibit.

```

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...
}

```

What is represented in this YANG module?

- A. interface management
- B. topology
- C. BGP
- D. OpenFlow

Answer: A

NEW QUESTION 8

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

DNS server	contains a database of public IP addresses and their associated hostnames and often resolves or translates those names to IP addresses, as requested
firewall	enforces a set of rules about which data packets are allowed to enter or leave a network.
reverse proxy	distributes network and application traffic across different servers
load balancer	retrieves resources on behalf of a client from one or more servers, then returns resources to the client, thus appearing as if they originated from the service itself
NAT gateway	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1 – A, 2 – B, 3 – D, 4 – C

NEW QUESTION 9

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 10

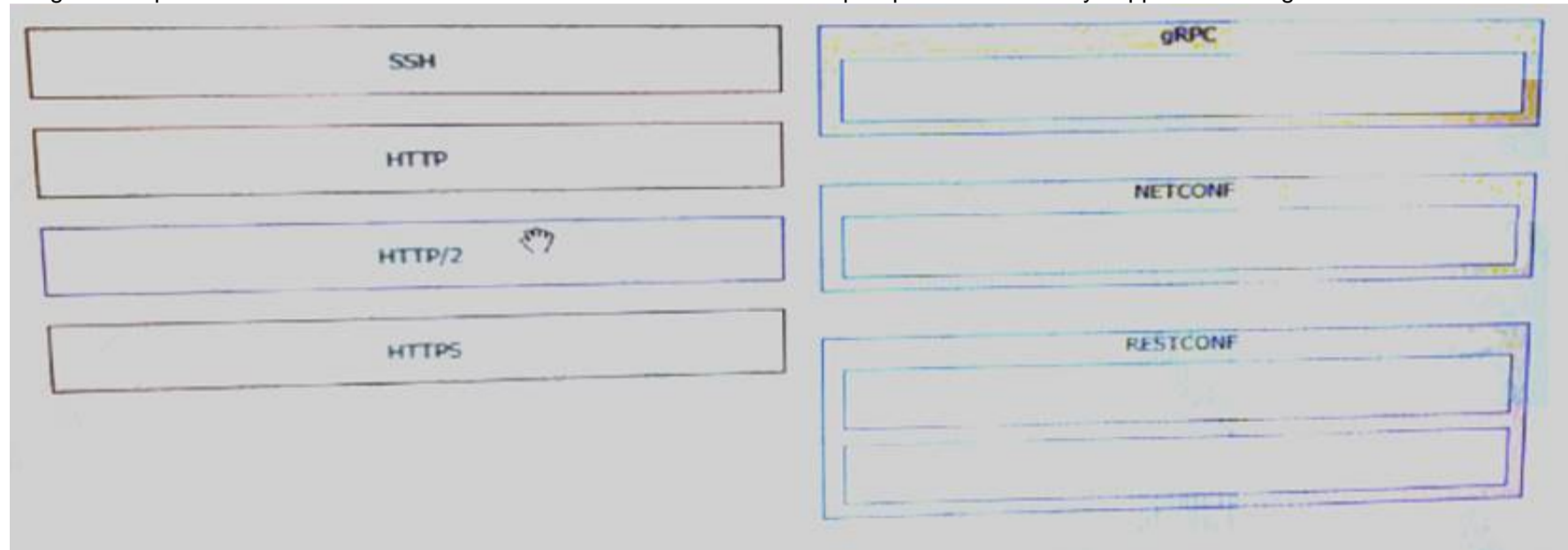
A developer is writing an application that a REST API and the application requires a valid from the API which element of the response is used in the conditional check?

- A. URL
- B. Status code
- C. Link
- D. Body
- E. Headers

Answer: B

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

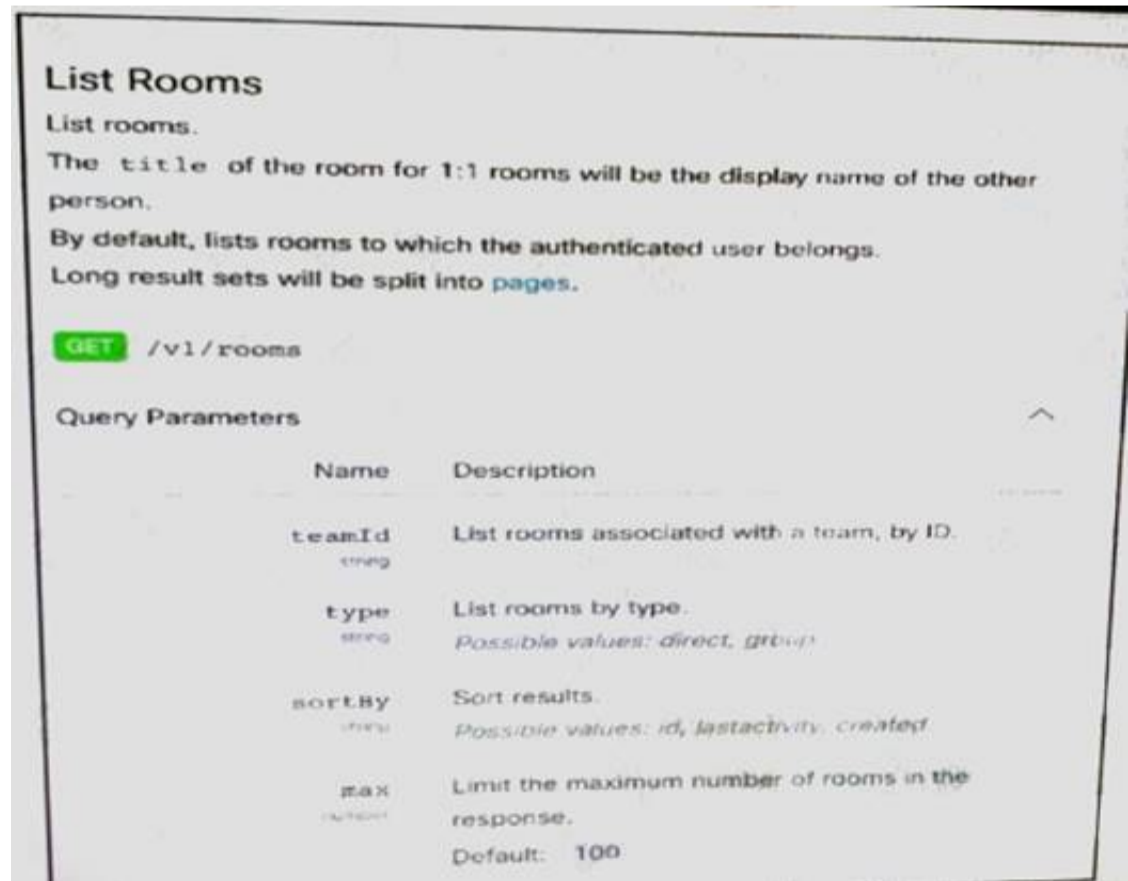
Answer: A

Explanation:

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

NEW QUESTION 15

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.

HTTP GET /v1/rooms [_____]

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

?sortBy=lastactivity

HTTP GET /v1/rooms ?sortBy=lastactivity

NEW QUESTION 18

Refer to the exhibit.

```

1  ---
2  - hosts: ([ router ])
3    gather_facts: true
4    connection: local
5
6  tasks:
7  - ios_command
8    commands:
9      - show run
10   provider: "([ router_credentials ])"
11   register: config
12
13 - copy:
14   content: "([ config.stdout[0] ])"
15   dest: "etc/ansible/configs/command_([ router_hostname ]).txt
16   ...

```

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 23

Which CI/CD tool is an automation tool used to build, test, and deploy software?

- A. Nagios
- B. Gradle
- C. Jenkins
- D. Git

Answer: C

NEW QUESTION 25

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 30

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

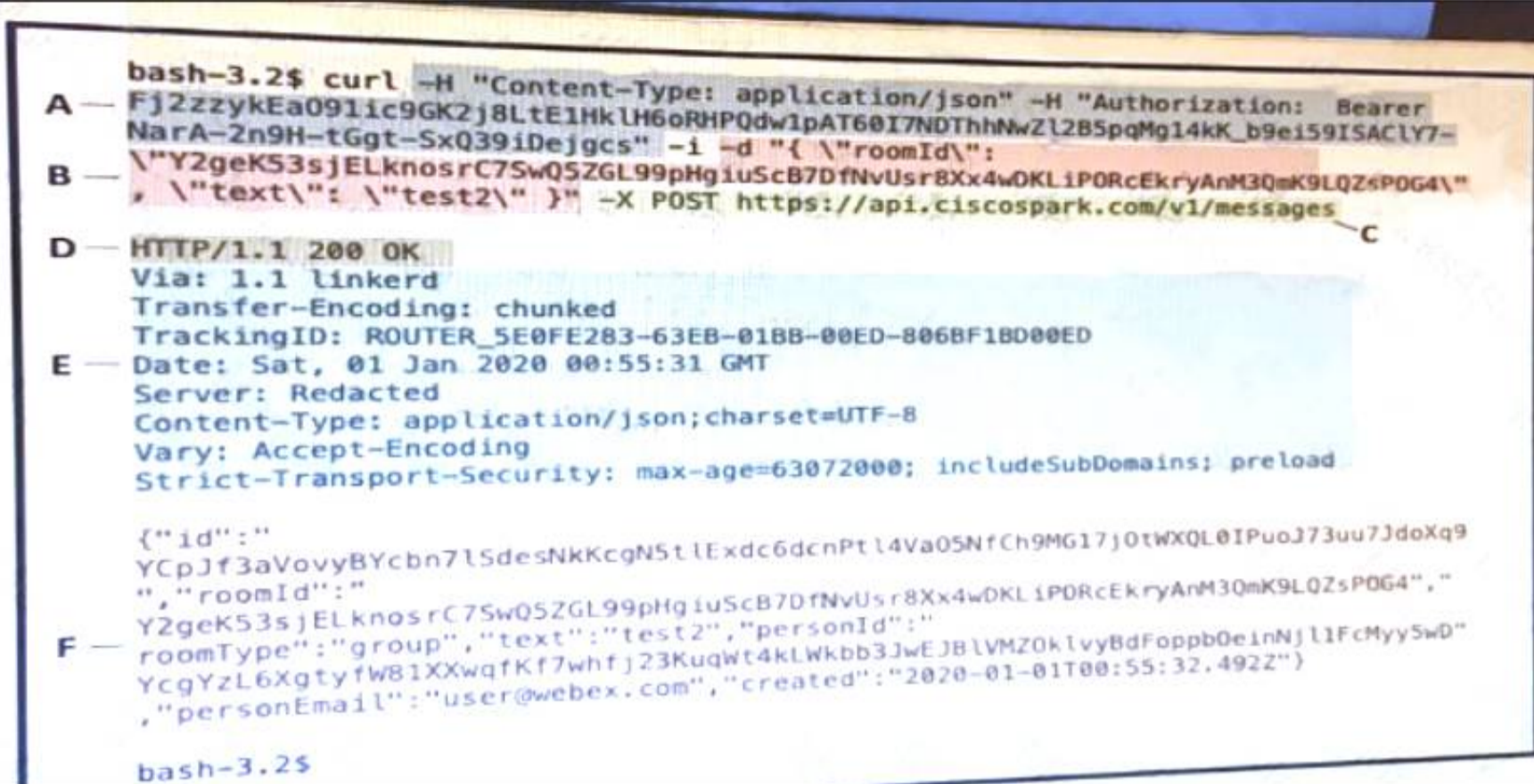
- ```
def test_func(self):
 self.assertTrue(my_func())
```
- ```
def test_func(self):
    self.assertRaises(my_func())
```
- ```
def test_func(self):
 self.assertEqual(my_func(), '{true}')
```
- ```
def test_func(self):
    self.assertFalse(my_func())
```

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

Answer: B

NEW QUESTION 34

Refer to the exhibit.



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

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:

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

NEW QUESTION 36

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 resources.
- D. The submitted JSON payload has a formatting issue.

Answer: D

NEW QUESTION 39

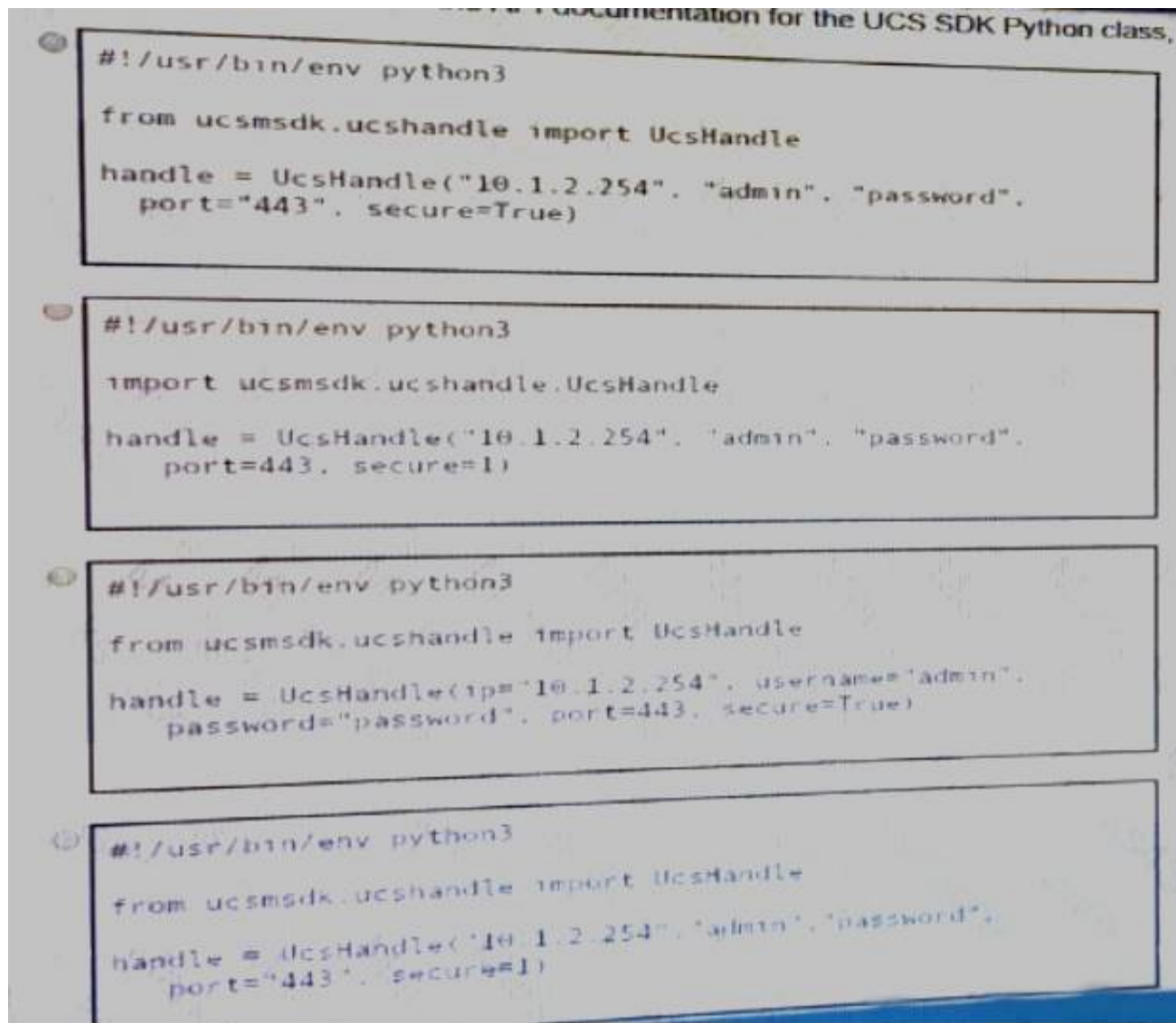
Refer to the exhibit.

```

class ucsm sdk . ucshandle . Ucshandle ( ip , username , password , port = None ,
secure = None , proxy = None ) [ source ]
Bases: ucsm sdk . ucsession . UcSession
Ucshandle class is the user interface point for any Ucs related communication.
Parameters:
• ip ( str ) – The IP or Hostname of the UCS Server
• username ( str ) – The username as configured on the UCS Server
• password ( str ) – The password as configured on the UCS Server
• port ( int or None ) – The port number to be used during connection
• secure ( bool or None ) – True for secure connection, otherwise False
• proxy ( str ) – The proxy object to be used to connect

```

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



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

Answer: B

NEW QUESTION 43

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 45

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 50

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.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1 – C, 2 – D, 3 – B, 4 - A

NEW QUESTION 52

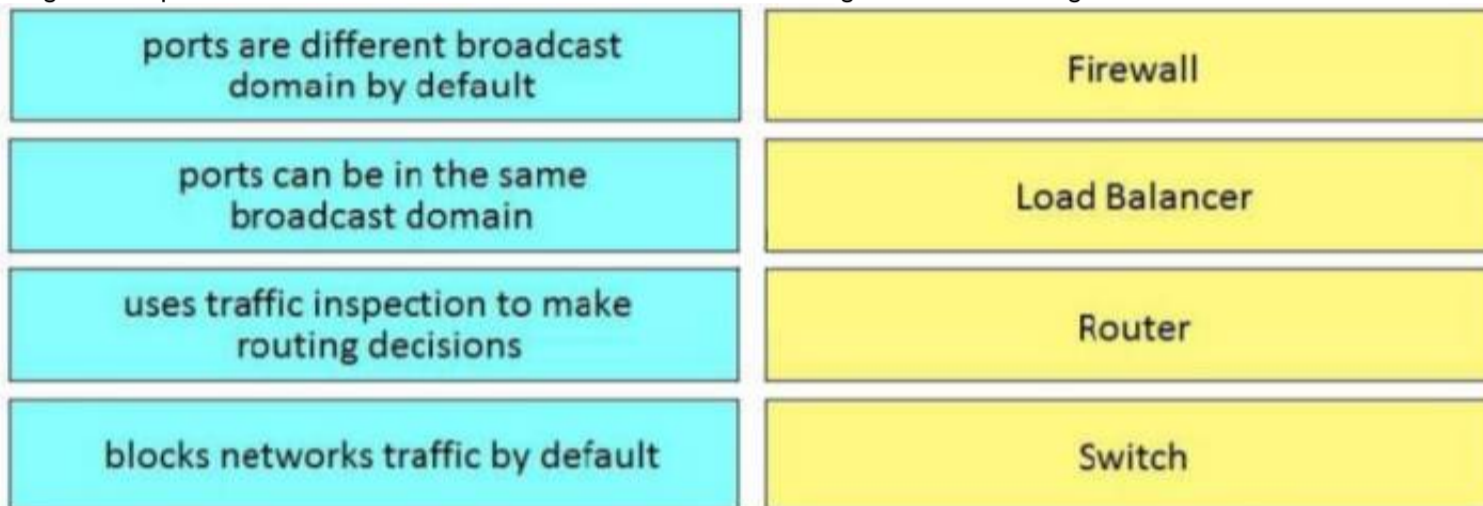
Before which process is code review performed when version control is used?

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

Answer: C

NEW QUESTION 57

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



- A. Mastered
- B. Not Mastered

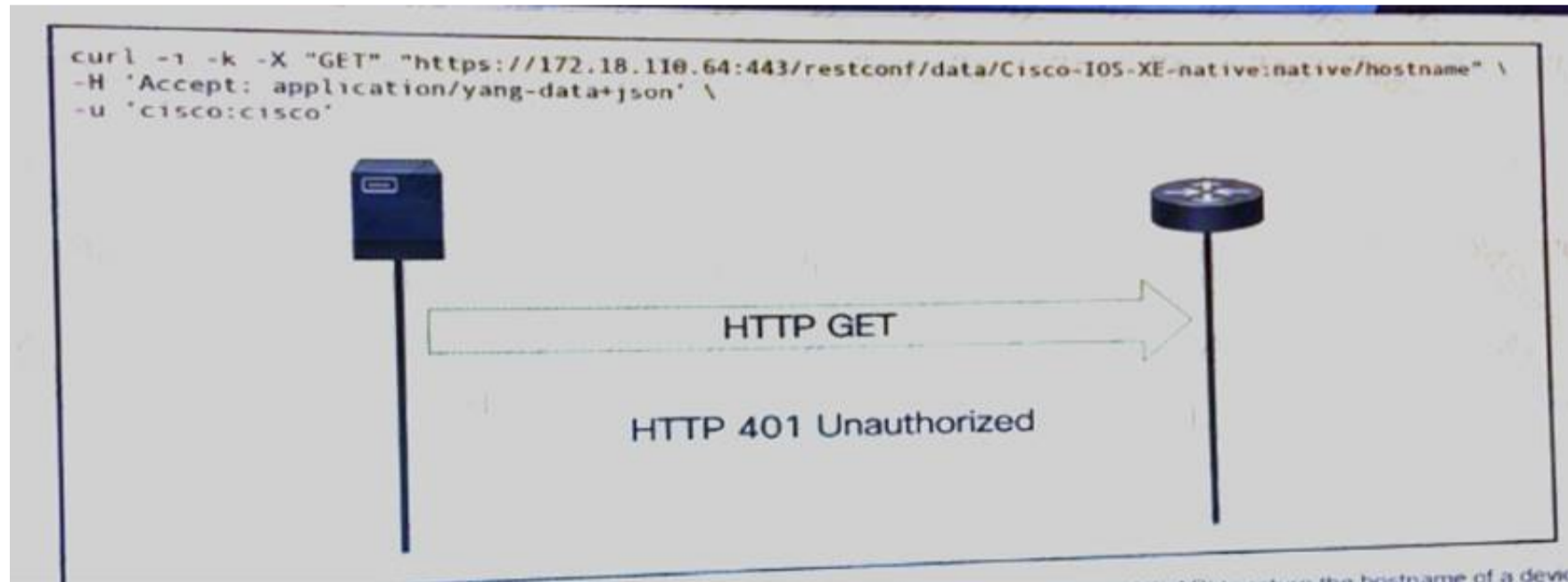
Answer: A

Explanation:

1 – D, 2 – C, 3 – A, 4 – B

NEW QUESTION 62

Refer to the exhibit.



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 65

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 67

Drag and drop the element of the Finesse API on the left onto the description of its functionality on the right.

User	Represents a skill group in Unified CCE.
Dialog	Represents the current state of the system.
Media	Represents an agent, supervisor or administrator.
Queue	Represents a group of users.
Team	Represents a call and the participants if the media type is voice.
SystemInfo	Sends client-side logging to the Finesse Server.
ClientLogs	Represents a user's state in a non-voice Media Routing Domain.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 68

Which model-driven programmability protocol does Cisco IOS XE Software support?

- A. CORBA
- B. SSH
- C. gNMI
- D. SOAP

Answer: C

NEW QUESTION 70

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
```

```
curl -X [ ] -H " [ ]: application/json" \
-H " [ ]: Bearer AbCdEf123456" https://localhost/api/myresource
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

See the solution below.

```
curl -X GET [ ] -H "Accept [ ]: application/json" \
-H "Authorization [ ]: Bearer AbCdEf123456" https://localhost/api/myresource
```

NEW QUESTION 74

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

provides a low-latency compute capability close to the data source	Public Cloud
environment where you pay only for the resources that you consume	
offers a self-service, elastic compute environment from a dedicated set of physical resources	Private Cloud
provides an approach for overflow traffic to burst out to meet peak demands	
shared compute platform that is offered over the Internet	Hybrid Cloud
	Edge Computing

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1 – B, 2 – E, 3 – C, 4 – D, 5 – A

NEW QUESTION 78

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

400	Unauthorized
401	Not Found
403	Bad Request
404	Forbidden

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1 – B, 2 – D, 3 – A, 4 – C

NEW QUESTION 79

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 86

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

cd~	list files in directory sorted by edited date descending
cd/	create directory
is -l	copy file
is -t	change directory to user \$HOME
cp	create environment variable
cp -r	change directory to file system root
mv	move file
touch	create file
mkdir	copy directory
export	list files in directory with details

- 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 89

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.

```

$ 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 ZGV2ZWxvcGVyOkMke2NvMTIzNDU=' -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

```

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

.....

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