

➤ **Vendor:** Cisco

➤ **Exam Code:** 200-901

➤ **Exam Name:** Developing Applications and Automating Workflows using Cisco Core Platforms (DEVASC)

➤ **New Updated Questions from** [Braindump2go](#) (Updated in [May/2020](#))

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**New Question**

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.

**Correct Answer:** AC **Section:**  
(none) **Explanation**

**Explanation/Reference:**

**New Question**

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

**Correct Answer:** A **Section:**  
(none) **Explanation**

**Explanation/Reference:**

**Explanation:**

<https://www.guru99.com/test-driven-development.html>

**New Question**

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

**Correct Answer:** BE **Section:**  
(none) **Explanation**

**Explanation/Reference:**

**Explanation:**

<https://medium.com/codebuddies/getting-to-know-asynchronous-javascript-callbacks-promises-and-async-await-17e0673281ee>

**New Question**

A function **my\_func()** returns True when it executes normally. Which Python snippet tests **my\_func()**? A.

- A. 

```
def test_func(self):  
    self.assertEqual(my_func(), True)
```
- B. 

```
def test_func(self):  
    self.assertFalse(my_func())
```
- C. 

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

```
def test_func(self):  
    self.assertRaises(my_func())
```

**Correct Answer:** C **Section:**  
(none) **Explanation**

**Explanation/Reference:**

[200-901 Exam Dumps](#) [200-901 Exam Questions](#) [200-901 PDF Dumps](#) [200-901 VCE Dumps](#)

<https://www.braindump2go.com/200-901.html>

**Explanation:**

[https://github.com/django/django/blob/master/tests/auth\\_tests/test\\_mixins.py](https://github.com/django/django/blob/master/tests/auth_tests/test_mixins.py)

**New Question**

When using the Bash shell, how is 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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**Explanation:**

<https://askubuntu.com/questions/420981/how-do-i-save-terminal-output-to-a-file>

**New Question**

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**Explanation:**

[https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/166/b\\_166\\_programmability\\_cg/restconf\\_prog\\_int.html](https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/166/b_166_programmability_cg/restconf_prog_int.html)

**New Question**

What is an example of a network interface hardware address?

- A. domain name
- B. IP address
- C. workstation name
- D. MAC address

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**New Question**

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**Explanation:**

<https://developer.cisco.com/docs/nx-os/#!representational-state-transfer-rest>

**New Question**

An application calls a REST API and expects a result set of more than 550 records, but each time the call is made, only 25 are returned.

Which feature limits the amount of data that is returned by the API?

- A. pagination
- B. payload limit
- C. rate limiting
- D. service timeouts

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**Explanation:**

<https://stackoverflow.com/questions/1495541/rest-payload-max-size>

**New Question**

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

### List Messages

Lists all messages in a room. Each message will include content attachments if present.

The list sorts the messages in descending order by creation date.

Long result sets will be split into [pages](#).

**GET** /v1/messages

### Query Parameters

**roomId**  
string Required  
List messages in a room, by ID.

**mentionedPeople**  
array  
List messages with these people mentioned, by ID.  
Use me as a shorthand for the current API user.

**before**  
string  
List messages sent before a date and time.

**beforeMessage**  
string  
List messages sent before a message, by ID.

**max**  
number  
Limit the maximum number of messages in the response.  
Default:

Try it
Example

**GET** /v1/messages{?roomId,mentionedPeople,before,beforeMessage}

### Header

Authorization ☒ Use personal access token

**Bearer** .....

*This limited-duration personal access token is hidden for your security.*

### Query Parameters

<b>roomId</b> <span style="color: orange;">Required</span>	e.g. Y2IzY29zcGFyazovL3VzL 1JPT00vYmJj
<b>mentionedPeople</b>	e.g. Y2IzY29zcGFyazovL3VzL 1BFT1BMRS6
<b>before</b>	e.g. 2016-04-2Tf9:01:55:966Z
<b>beforeMessage</b>	e.g. Y2IzY29zcGFyazovL3VzL 1FU1NBROL
<b>max</b>	e.g. 100

Run

```
bash-3.2$ curl -H "Content-Type: application/json" -H "Authorization:
Fj2zzzykEa091ic9GK2j8LtE1HklH6oRHPQdw1Pat60i7ndtHHnWzL2b5pqMg14Kk_B9EI59isacLy7-
NarA02n9H-tGgt-SxQ39iDejgcs" -i -X POST -d "{ \"roomId\":
\"Y2geK53sjEknosrc7SwQ5ZGL99pHgusC7DfNvUsr8Xx4wDKLiPORcEkryAnM3QmK9LQZsP0G4\"
, \"text\": \"test2\" }" https://api.ciscospark.com/v1/messages

HTTP/1.1 401 Unauthorized
Via: 1.1 linkerD
TrackingID: ROUTER_5E0FDC8C-EB6F-01BB-00EF-806BF1BD00EF
Date: Sat, 04 Jan 2020 00:30:04 GMT
Server: Redacted
Content-Length: 267
Content-Type: application/json
Strict-Transport-Security: max-age=63072000; includeSubDomains; preload

{"message": "The request requires a valid access token set in the Authorization request
header.", "errors": [{"description": "The request requires a valid access token set in the
Authorization request
header."}], "trackingId": "ROUTER_5E0FDC8C-EB6F-01BB-00EF-806BF1BD00EF"}

bash-3.2$
```

- 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

**Correct Answer: D Section: (none)**  
**Explanation**

**Explanation/Reference:**

**New Question**

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

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

**Correct Answer: C Section:**  
**(none) Explanation**

**Explanation/Reference:**

**Explanation:**

<https://www.infoworld.com/article/3271126/what-is-cicd-continuous-integration-and-continuous-delivery-explained.html>

**New Question**

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.

**Correct Answer: AD Section:**  
**(none) Explanation**

**Explanation/Reference:**

**Explanation:**

<https://www.agileconnection.com/article/picking-right-branch-merge-strategy>