200-901^Q&As

Developing Applications and Automating Workflows using Cisco Platforms (DEVASC)

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QUESTION 1

A developer checks the performance of a web application. The application is in the local data center and used a REST-based API. Based on the API logs, it is discovered that many users abandon API requests. Also, the response is taking too long to get back. What is the reason for this issue?

A. Token-based authentication is disabled.

B. Pagination is not implemented.

C. Rate limiting is not implemented.

D. Token-based authentication is enabled.

Correct Answer: C

QUESTION 2

A web app must be accessible from computers and mobile devices. It must maintain the same data structure on both types of devices. What is the advantage of using the MVC design pattern for this app?

A. to asynchronously update the graphical interface

B. to define different algorithms for data manipulation

C. to separate the logic of the graphic interface of the different devices

D. to have only one instance of the objects that contain the data

Correct Answer: C

The MVC (Model-View-Controller) design pattern is a software architecture pattern commonly used in web development to separate an application into three interconnected components: Model, View, and Controller.

In this case, using the MVC design pattern can help in separating the logic of the graphic interface of the different devices, as the View component can be customized for the different devices while maintaining the same underlying data structure in the Model component. This can make it easier to maintain and update the application, as changes to the interface of one device will not affect the data or interface of the other devices.

QUESTION 3

Refer to the exhibit.

```
1  import unittest
2  from webexteamssdk import WebexTeamsAPI
3
4
5  def send_message (text) :
6  api = WebexTeamsAPI ()
7  message = api.messages.create(toPersonEmail=
8  return message.text              'johndoe@example.com', text=text)
9
10
11 class TestMessage (unittest.TestCase) :
12   def test message (self) :
13
14
15 if _name_ == '_main_':
16   unittest.main ()
```

Which code should be added at the snippet to perform a unit test?

A. self.assertIsInstance (send_message ("hello"), "hello", "should be the same")

B. self.assertIs (send_message ("hello"), "hello", "should be the same")

C. self.assertCompare (send_message ("hello"), "hello", "should be the same")

D. self.assertEqual (send_message ("hello"), "hello", "should be the same")

Correct Answer: D

QUESTION 4

An engineer prepares a set of Python scripts to interact with network devices. To avoid network performance issues, the engineer wants to run them in a test environment. Which resource must be used to monitor the live execution of code in an always-available environment?

A. packet tracer

B. learning labs

C. sandbox

D. code exchange

Correct Answer: C

QUESTION 5

An engineer must investigate the problems on a web application and address them to related teams. The engineer verifies that the network farm serving the application is working properly and is accessible through the internal IP address and port. Each server has a public DNS name and public IP. While name resolutions from the outside network to the public IP address are working properly too, the engineer discovers that some servers are not accessible from the public Internet. Which problem type must be addressed as the cause for the case?

A. internal network connectivity

B. blocked transport block

C. proxy

D. NAT

Correct Answer: D

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