



200-901^{Q&As}

Developing Applications and Automating Workflows using Cisco Platforms (DEVASC)

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QUESTION 1

A new application is being developed with specific platform requirements. The platform and application deployment and the ongoing platform management must be fully automated. The application includes a large database component that has significant disk I/O requirements. Which application deployment type meets the requirements?

- A. Python virtual environment
- B. virtual machine
- C. bare metal
- D. container

Correct Answer: D

To meet the requirements of an application with specific platform requirements and a large database component with significant disk I/O requirements, it might be best to use a containerized application deployment type.

Containerization involves packaging an application and its dependencies into a container, which can be easily run on any platform that supports the container runtime. This allows the application to be deployed and run consistently across different environments, without the need to worry about platform-specific dependencies or configurations.

QUESTION 2

A developer is attempting to retrieve all the messages from a Cisco Webex space. The server responds by sending the first 1,000 messages. The developer must make additional requests to retrieve the rest of the messages. Which API constraint is described in this scenario?

- A. payload limiting
- B. throttling
- C. pagination
- D. rate limiting

Correct Answer: C

<https://developer.atlassian.com/server/confluence/pagination-in-the-rest-api/>

QUESTION 3

Which two query types does a client make to a DNS server? (Choose two.)

- A. Inverse
- B. PTR
- C. AAAA



D. ACK

E. DISCOVER

Correct Answer: BC

QUESTION 4

Refer to the exhibit.

```
1  #!/bin/bash
2  apt install nginx
3  export AVAILABLE_SITES_DIR = '/etc/nginx/sites-available'
4  export ENABLED_SITES_DIR = '/etc/nginx/sites_enabled'
5  cd /opt/nginx
6  cat sites.txt | while read site;
7      do
8          cp template.conf "$AVAILABLE_SITES_DIR/$site";
9          ln -s "$AVAILABLE_SITES_DIR/$site" "$ENABLED_SITES_DIR";
10         chown www-data:www-data "$AVAILABLE_SITES_DIR/$site";
11     done
```

An engineer must configure a load balancer server. The engineer prepares a script to automate workflow by using Bash. The script install the nginx package, moves to the /opt/nginx directory, and reads the sites M We (or further processing Based on the script workflow, which process is being automated within the loop by using the information mi sites txt?

- A. creating a new Me Based on template .conf in the /etc/nginx/sites_enabled directory for each lie in the sites txt file. and then changing the file execution permission.
- B. creating a Me per each the in sites txt with the information in template conf. creating a link for the previously created file. and then changing the ownership of the created files
- C. using the content of the file to create the template conf file. creating a link from the created file to the /etc/nginx/files.enabled. and then changing the file execution permissions.
- D. using the information in the file to create a set of empty files in the /etchginx/sites_enabled directory and then assigning the owner of the file.

Correct Answer: B

QUESTION 5

Which advantage does the agile process offer compared to waterfall software development?

- A. to add or update features with incremental delivery
- B. to view the full scope of end-to-end work
- C. to have each phase end before the next begins



D. to fix any issues at the end of the development cycle

Correct Answer: A

Agile uses smaller time increments or "sprints," that encompass the full process of analysis, design, code, and test but on a much smaller aspect of an application. The goal is to finish a feature or capability for each sprint, resulting in a potentially shippable incremental piece of software.

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