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**Vendor:**Lpi

**Exam Code:**701-100

**Exam Name:**DevOps Tools Engineer Exam

**Version:**Demo

### QUESTION 1

Which of the following Ansible tasks copies the file example.txt to a manage system?

- A. – rsync: src: example.txt dst: /tmp/example.txt
- B. – copy: src: example.txt dest: /tmp/example.txt
- C. – retrieve: src: example.txt dest: /tmp/example.txt
- D. - cp: source: example.txt dst: /tmp/example.txt
- E. - transfer: src: example.txt dest: /tmp/example.txt

Correct Answer: B

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### QUESTION 2

What happens when the following command is executed twice in succession? `doker run -tid -v data:/data debian bash`

- A. The second command invocation fails with an error stating that the volumen data is already associated with a running container.
- B. The container resulting from the second invocation can only read the content of /data/ and can not change it.
- C. The original content of the contents of the data is available in both containers, although changes stay local within each container.
- D. Both containers share the container of the data volume, have full permissions to alter its content and mutually see their repective changes.
- E. Each container is equipped with its own independent data volumen, available at /data/ in the respective container.

Correct Answer: D

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### QUESTION 3

Which of the following HTTP headers is a CORS header?

- A. X-CORS-Access-Token:
- B. Location:
- C. Referer:
- D. Authorization:

E. Access-Control-Allow-Origin

Correct Answer: E

[https://enable-cors.org/server\\_apache.html](https://enable-cors.org/server_apache.html)

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#### QUESTION 4

Which of the following statements is true about load balancers?

- A. Load balancers are a security risk because they obfuscate the origin of connections.
- B. Load balancer help to improve the availability and scalability of a service.
- C. Load balancers are a single point of failure because they cannot be deployed redundantly.
- D. Load balancer require access to private keys in order to be able to forward HTTPS traffic.
- E. Load balancers cannot use connection content, such as HTTP cookies, to route traffic.

Correct Answer: B

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#### QUESTION 5

What is the difference between the commands `git diff` and `git diff --cached`? (Choose TWO correct answers)

- A. `git diff --cached` shows changes of all commits that were not pushed to origin yet
- B. `git diff` shows changes that were not added to the next commit
- C. `git diff` and `git diff --cached` always lead to the same result if a repository does not have at least one remote repository
- D. `git diff --cached` shows changes that will be included in the next commit
- E. `git diff --cached` shows changes included in the last successful commit of the current branch

Correct Answer: BD

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#### QUESTION 6

Which of the following mechanisms are used for service discovery in a container environment? (Choose two correct answers.)

- A. The container platform offers a command like `docker service discover` which should be run within a container.
- B. The container platform sets environment variables containing service information within the containers.
- C. The container platform lists localhost ports assigned to containers in each container's `/etc/services` file.
- D. The container platform mounts the sockets for all available services into the container's file systems.

E. The container platforms maintains DNS records which point to containers offering a specific service.

Correct Answer: BE

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### QUESTION 7

If docker stack is to be used to run a Docker Compose file on a Docker Swarm, how are the images referenced in the Docker Compose configuration made available on the Swarm nodes?

- A. Docker stack instructs the Swarm nodes to pull the images from a registry, although it does not upload the images to the registry.
- B. Docker stack transfers the image from its local Docker cache to each Swarm node.
- C. Docker stack passes the images to the Swarm master which distributes the images to all other Swarm nodes.
- D. Docker stack builds the images locally and copies them to only those Swarm nodes which run the service.
- E. Docker stack triggers the build process for the images on all nodes of the Swarm.

Correct Answer: B

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### QUESTION 8

Given the following excerpt of a Dockerfile:

```
Run apt-get -y update andand apt-get install -y fortunes andand apt-get clean
```

Why are the multiple apt-get commands combined in one RUN statement instead of using multiple RUN statements?

- A. To prevent the commands from running in parallel because Docker executes all RUN statements in their own container at the same time.
- B. To ensure the execution order of the commands because Docker might evaluate the statements of a Dockerfile in any order.
- C. To avoid the creation of unnecessary images because Docker creates a new image for each RUN statement.
- D. To execute both commands in the same container instance and void Docker to reset the container to the original base image.
- E. To execute the apt-get install command only if the apt-get update command was successful because Docker does not check the success of RUN statements.

Correct Answer: C

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### QUESTION 9

Which of the following benefits are realized by using immutable servers? (Choose TWO correct answers)

- A. Immutable servers are flexible in how they are configured during their deployment.
- B. Immutable servers are not connected to a network and cannot be attacked remotely.
- C. Immutacle servers are usable right after they are started without further configuration.
- D. Immutable servers bundle all components required for an application and never need external services.
- E. Immutable servers ensure production servers are identical staging servers.

Correct Answer: CE

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#### QUESTION 10

Which of the following expressions are valid Ansible variable names? (Choose TWO correct answers)

- A. example\_var
- B. examplevar
- C. example-var
- D. example.var
- E. example var

Correct Answer: AB

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#### QUESTION 11

What must be the first line of a plain text user-data configuration containing YAML configuration for cloud-init?

- A. cloud-config:
- B. --- cloud-config
- C. #!/usr/bin/cloud-init
- D. [cloud-config]
- E. #cloud-config

Correct Answer: E

<https://cloudinit.readthedocs.io/en/latest/topics/examples.html>

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#### QUESTION 12

Which property of a Kubernetes Deployment specifies the number of instances to create for a specific Pod? (Specify ONLY the option name, no matter of its location in the object hierarchy)

A. The property you are looking for is replicas. This is a field directly under the Deployment object and specifies the number of Pod replicas that should be maintained by the Deployment.

Correct Answer: A