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LPI 701-100

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QUESTION NO: 1

Which security issues exist for most publicly available Vagrant boxes? (Choose three correct answers.)

A. They accept SSH logins from the user vagrant with the password vagrant.

B. They accept SSH logins from the user vagrant with a publicly available SSH key pair.

C. The vagrant user can use sudo to obtain root privileges without additional authentication.

D. Their whole file system, including configuration files, is writable by any user, including vagrant.

E. They export their file system via NFS with full write permissions without any additional restrictions.

ANSWER: A B C

QUESTION NO: 2

Which configuration option in the Ansible inventory is issued control privilege escalation of the remote user?

A. priv_user

B. elevate

C. super

D. become

E. sudo

ANSWER: D

QUESTION NO: 3 - (FILL BLANK)

CORRECT TEXT

Which git sub command copies a local commit to a remote repository? (Specify ONLY the sub command without any path or parameters.)

ANSWER: clone

QUESTION NO: 4

Which Ansible modules can be used to change the contents of a file? (Choose three correct answers.)

A. lineinfile

B. replace

C. patch

D. insert

E. modify

ANSWER: A B C

QUESTION NO: 5

Which of the following elements are presents in a Vagrant box file? (Choose two correct answers.)

A. A Vagrant guest configuration file that is used to create instances of the box.

B. Configuration files for provisioners such as Ansible.

C. The installer for the Vagrant version which is required to run the box.

D. A metadata file describing the box and its requirements.

E. A base file system image in a format supported by the provider of the box.

ANSWER: B D

QUESTION NO: 6

Which of the following container names could have been assigned automatically by Docker?

A. docker-c00001

B. 2.0.17.172

C. container

D. c0023817

E. clever_ritchie

ANSWER: E

QUESTION NO: 7

How is a Docker container image retrieved from a Docker registry?

A. Docker retrieves a ZIP archive which is extracted into the container's root file system.

B. Multiple stacked images are retrieved and layered on top of each other.

C. A flat hard disk image is downloaded once per container and mounted as the root file system.

D. The registry merger all components of the image into one file which is shipped to Docker.

E. The container is built from an ISO file along with a configuration for an unattended installation.

ANSWER: B

QUESTION NO: 8

What statement is true regarding the Swarm service created by the following command?

docker service create --name myweb --network webnet --mode global nginx

A. It runs exactly one time in the Swarm and cannot be scaled.

B. It runs exactly once on each node in a Swarm.

C. It runs on one node by default and can be scaled to an arbitrary number of replicas.

D. It runs on all nodes which provide the network webnet.

E. It runs only on those nodes which support the network type global.

ANSWER: C

QUESTION NO: 9

Given the following excerpt of a Dockerfile:

Run apt-get –y update && apt-get install –y fortunes && 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.

ANSWER: D

QUESTION NO: 10

A Dockerfile contains the statements:

COPY data/ /data/

VOLUME /data

What happens when the resulting container is started without any additional volume configuration? (Choose two correct answers.)

A. Files existing in /data/ in the image are not available in the running container.

B. Changes to files within /data/ affect the Docker image and all other containers derived from it.

C. Existing files from /data/ in the image are copied to the new volume.

D. An error is raised because /data/ already contains data when the volume is mounted.

E. A new volume is created and mounted to /data/ within the new container.

ANSWER: C E