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Linux Foundation

LFCA

Linux Foundation Certified IT Associate

Certification Exam

QUESTION: 1
Which of the following commands can be used to lock a user's account so that they cannot log into a Linux server without removing any files, folders, or data?

A. lock
B. usermod
C. userdel
D. chmod

Answer(s): B

QUESTION: 2
Which of the following technologies is supported by the majority of cloud providers in order to support the orchestration of containerized applications?

A. Kubernetes
B. Vagrant
C. Ansible
D. Terraform

Answer(s): A

QUESTION: 3
An IT team is currently implementing a custom software platform to address some key needs of the company.
Which of the following is considered a functional requirement?

A. Identifying the purpose of the proposed system
B. Identifying the users of the proposed system
C. Identifying the development methodology
D. Identifying the technology stack of the proposed system
Answer(s): A

QUESTION: 4
A server on the network is unreachable.
What is the best method to verify connectivity between your computer and the remote server?

A. lookup
B. find
C. ping
D. netstat

Answer(s): C

QUESTION: 5
A company's IT associate lists the contents of a directory and sees this line:
-rwsr-x--x 2 bob sales 2047 Oct 10 09:44 sales-report What happens when Alice from the accounting team tries to execute this file?

A. The script executes using Bob's account.
B. The script executes, but Alice cannot see the results.

C. The script executes and Bob is notified.
D. The script fails to execute; Alice is not on the sales team.

Answer(s): A

QUESTION: 6
A software development team uses a single physical server for testing the latest code in multiple environments: development, pre-production, and production.

What is the recommended approach to maintain the basic security of these environments?

A. Assign different developers on the team to work on test, pre-prod. and prod code.
B. Implement peer review for all the changes deployed into any of the environments
C. Develop and deploy each environment with its own set of software tools.
D. Use different user/group IDs for deploying and running workload in each environment.

Answer(s): D

QUESTION: 7
Which utility is used to create public and private key pairs for SSH authentication?

A. adduser
B. ssh-keyqen
C. keyqen
D. ssh

Answer(s): B

QUESTION: 8
What does LVM stand for?

A. Logical Virtualization Manager
B. Linux Volume Manager
C. Logical Volume Manager
D. Linux Virtualization Manager

Answer(s): C

QUESTION: 9
Encryption that uses both a private key and public key is known as what?

A. Key Pair Encryption (symmetric cryptography)
B. HMAC Cryptography (hash based message authentication]
C. Public Key Cryptography (asymmetric cryptography)
D. DPE (dual-phased hybrid encryption]

Answer(s): C

QUESTION: 10
An IT associate would find the log files for syslog in which of the following directories?