

Linux-Foundation

Exam Questions LFCA

Linux Foundation Certified IT Associate



NEW QUESTION 1

When using rsync to mirror a local directory to a remote server, what is the significance of the --delete option?

- A. Files absent from the remote directory will be restored from the local directory.
- B. Files present in the local directory, but not present in the remote directory, will be deleted.
- C. Files absent from the local directory will be restored from the remote directory.
- D. Files present in the remote directory, but not present in the local directory, will be deleted.

Answer: D

NEW QUESTION 2

Which measures can be taken to prevent unauthorized access to cloud instances and services?

- A. Use multi-factor authentication, implement firewall rules, and back up data off-site.
- B. Implement block-chain tokens, use encrypted protocols, and encrypt the data on storage systems.
- C. Replicate data to another datacenter, use multi-factor authentication, and encrypt data on storage systems.
- D. Implement firewall rules, authentication, authorization, and encrypted protocols.

Answer: D

NEW QUESTION 3

What open source tool is used to manage instances in the cloud using infrastructure as code?

- A. SystemsDeployer
- B. Vault
- C. Terraform
- D. Docker

Answer: C

NEW QUESTION 4

Which of the following authentication method types would include using a password in combination with a hardware token?

- A. Multi-Factor Authentication
- B. Multi-Staged Security
- C. Hardware Encryption Authentication
- D. Multi-Step Analysis

Answer: A

NEW QUESTION 5

After installing the package postfix, what command would you run in order to ensure that Postfix is started on reboot?

- A. /etc/init.d/enable postfix
- B. enable postfix on
- C. postfix -onboot yes
- D. systemctl enable postfix

Answer: D

NEW QUESTION 6

An IT associate is working with a video streaming provider. What is a common approach to reduce bandwidth cost while supporting the same or an increasing number of video streams and customers?

- A. Stop serving the video streams when a certain price limit is reached.
- B. Reduce the bitrate to reduce the size of the video streams.
- C. Serve the video streams only to a limited number of users at a time.
- D. Use a content delivery network to distribute the streams.

Answer: D

NEW QUESTION 7

An IT team needs to synchronize large amounts of data between two nodes on the company's local network. This data changes daily and it is not feasible to copy the entire directory tree each time. Which is the best option to securely copy files in the most timely and efficient manner?

- A. rsync
- B. scp
- C. fsync
- D. netcp

Answer: A

NEW QUESTION 8

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

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

Answer: B

NEW QUESTION 9

What does LVM stand for?

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

Answer: C

NEW QUESTION 10

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: A

NEW QUESTION 10

What is the underlying technology that allows containers to be restricted to defined limits for system resource usage such as CPU, memory, and network bandwidth?

- A. climits
- B. UnionFS
- C. Namespaces
- D. cgroups

Answer: D

NEW QUESTION 14

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

- A. /var/log
- B. /usr/local/logs
- C. /home/logs
- D. /etc/logs

Answer: A

NEW QUESTION 19

What technology could be used to address software dependency conflicts between applications on the same host operating system?

- A. Type 1 hypervisors
- B. Type 2 hypervisors
- C. Containers
- D. cgroups

Answer: C

NEW QUESTION 24

Which of the following is considered a best practice for hardening SSHD?

- A. Using portknocking to protect ssh access for root
- B. Completely disabling ssh access
- C. Disabling ssh access for root
- D. Renaming root to a random name

Answer: C

NEW QUESTION 27

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: B

NEW QUESTION 30

Which port is normally required to be open for secure remote interactive shell access to Linux systems?

- A. 443/tcp
- B. 23/tcp
- C. 22/tcp
- D. 25/tcp

Answer: C

NEW QUESTION 34

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