

Linux-Foundation

Exam Questions LFCA

Linux Foundation Certified IT Associate



NEW QUESTION 1

What command is used to set or change permission attributes of files (such as read, write, execute)?

- A. chacl
- B. chmod
- C. chown
- D. setattr

Answer: B

NEW QUESTION 2

Which option will cause ls to display hidden files and folders?

- A. ls -v
- B. ls -l
- C. ls -a
- D. ls -t

Answer: C

NEW QUESTION 3

Which type of cloud computing combines on-premise infrastructure with a public cloud?

- A. Super cloud
- B. Combination cloud
- C. Hybrid cloud
- D. Mixed cloud

Answer: C

NEW QUESTION 4

A supervisor instructs an IT associate to encrypt all data on a particular partition on a Linux database host. What open source technology would be used to encrypt the data?

- A. MD5
- B. LUKS
- C. BitLocker
- D. ext4

Answer: C

NEW QUESTION 5

An IT associate is researching technology options to use at a company. The company's application requires a Linux server, features a small memory footprint, and runs mostly web services and a few back-end applications. Which of the following would allow for the most efficient use of system resources and fast startup speeds?

- A. Containers
- B. Hybrid Cloud
- C. Physical hardware
- D. Virtualization

Answer: A

NEW QUESTION 6

What command do you use to view the structure of system directory hierarchies?

- A. tree
- B. fee | ls /etc
- C. ls -t
- D. ls tree

Answer: A

NEW QUESTION 7

Which of the following is a solution to providing Internet access to a private network using only a single public IPv4 address?

- A. Routing gateway
- B. NAT gateway
- C. Local area network
- D. Virtual private network

Answer: B

NEW QUESTION 8

What file is created to assemble a Docker image, which contains all the commands a user has to run to make the image from start to finish?

- A. DockerBuild
- B. Dockerfile
- C. BuildFile
- D. ImageFile

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

Which of the following best describes open source compliance?

- A. A process by which software components are compiled in a development environment, pushed to staging, and then finally moved to production
- B. A process in which various users of open source software observe copyright notices and satisfy license obligations for their open source software components
- C. A process by which users of open source software evaluate each line of their code against an open source dictionary to determine which components have been plagiarized
- D. A process by which open source software is first initiated by a requirements analysis, followed by design and then implementation, with a final testing step

Answer: B

NEW QUESTION 11

Which is a common best practice to automatically reduce disk usage associated with the storage of log files?

- A. Use the logrotate utility to periodically rotate the log files.
- B. Create a cron job that deletes all log files in the folder every day.
- C. Delete the Vvar/log" directory so the log files are prevented from being created.
- D. Manually empty the log files every day of the week.

Answer: A

NEW QUESTION 16

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 20

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 24

On systemd-based Linux systems, what are runlevels called?

- A. Services
- B. Targets
- C. Units
- D. Modes

Answer: B

NEW QUESTION 29

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