

Linux-Foundation

Exam Questions LFCA

Linux Foundation Certified IT Associate



NEW QUESTION 1

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 2

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 3

A team just developed a new feature on the company's main web application. An IT associate wants to test this new feature by making it available for only 10% of the users. If everything works without any problems for a week, the associate will then make it available for all users. Which release type should be used to achieve this goal?

- A. Canary release
- B. Experimental release
- C. Alpha release
- D. Beta release

Answer: A

NEW QUESTION 4

In which file are system and user account passwords stored?

- A. /etc/passwd
- B. /etc/login.defs
- C. /etc/shadow
- D. /etc/secure

Answer: C

NEW QUESTION 5

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 6

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 7

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 8

An IT associate is responsible for protecting and maintaining the integrity of a set of configuration files. What command could be used to prevent users from modifying these files?

- A. setcap
- B. auditd
- C. chmod
- D. chown

Answer: C

NEW QUESTION 9

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 10

What is an appropriate cost consideration when implementing serverless functions in the cloud?

- A. vCPU resources and disk cache
- B. Elapsed time of function execution and memory used
- C. Virtual machine configuration and memory allocation
- D. Runtime environment and container configuration

Answer: B

NEW QUESTION 10

What does IaaS stand for?

- A. IT as a Service
- B. Integration as a Service
- C. Infrastructure as a Service
- D. Information as a Service

Answer: C

NEW QUESTION 13

When using vi or vim to edit a file, how do you exit without saving?

- A. :q!
- B. ZZ
- C. :wq!
- D. :exit

Answer: A

NEW QUESTION 15

Which of the following commands is used to detach a mounted filesystem or storage device?

- A. umount
- B. mount
- C. mkfs
- D. fsck

Answer: A

NEW QUESTION 18

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: A

NEW QUESTION 23

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-pro
- B. and prod code.
- C. Implement peer review for all the changes deployed into any of the environments
- D. Develop and deploy each environment with its own set of software tools.
- E. Use different user/group IDs for deploying and running workload in each environment.

Answer: D

NEW QUESTION 26

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 28

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: C

NEW QUESTION 32

What is the Linux kernel?

- A. It is the core interface between a computer's hardware and its processes.
- B. It is another name for the operating system.
- C. It contains all the applications and software installed on the computer.
- D. It is the firmware for the computer's processor.

Answer: A

NEW QUESTION 36

Which of the following is a commonly used open source software used to connect to SSL/TLS VPN services?

- A. OpenVPN
- B. GNUVPN
- C. NordVPN
- D. VPNConnect

Answer: A

NEW QUESTION 38

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 43

By default, the Linux operating system uses what access control to manage files/users?

- A. Discretionary Access Control
- B. Mandatory Access Control
- C. Least Privilege
- D. Full Control

Answer: A

NEW QUESTION 45

Which of the following best describes the technical term ??Elasticity???

- A. The degree to which a system can adapt to dynamic computing demands
- B. The degree to which a business accommodates larger loads just by adding resources
- C. The degree to which a system consistently performs according to its specifications

D. The ability to meet the business's needs through a variety of cloud offerings

Answer: A

NEW QUESTION 46

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

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

Answer: B

NEW QUESTION 47

.....

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

LFCA Practice Exam Features:

- * LFCA Questions and Answers Updated Frequently
- * LFCA Practice Questions Verified by Expert Senior Certified Staff
- * LFCA Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- * LFCA Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

100% Actual & Verified — Instant Download, Please Click
[Order The LFCA Practice Test Here](#)