2024 Realistic LFCA Dumps Latest Linux Foundation Practice Tests Dumps [Q21-Q40

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LFCA Dumps PDF - LFCA Real Exam Questions Answers

QUESTION 21

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

* 25/tcp

* 22/tcp

* 23/tcp

* 443/tcp

QUESTION 22

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?

* Canary release

* Experimental release
* Alpha release
* Beta release

QUESTION 23

Which measures can be taken to prevent unauthorized access to cloud instances and services?
* Use multi-factor authentication, implement firewall rules, and back up data off-site.
* Implement block-chain tokens, use encrypted protocols, and encrypt the data on storage systems.
* Replicate data to another datacenter, use multi-factor authentication, and encrypt data on storage systems.
* Implement firewall rules, authentication, authorization, and encrypted protocols.

QUESTION 24

Which of the following best describes serverless computing?
* A model of software that packages up code and all its dependencies so the application runs quickly and reliably from one computing environment to another
* A model where a provider manages the back-end infrastructure management tasks, such as provisioning, scaling, scheduling, and patching
* An abstraction layer over computer hardware that allows the hardware elements of a single computer-processors, memory, storage, and more-to be divided into multiple segments
* A solution comprised of sensors, software, and other technologies for the purpose of connecting and exchanging data with other devices and systems over the internet

QUESTION 25

On systemd-based Linux systems, what are runlevels called?
* Services
* Targets
* Units
* Modes

QUESTION 26

Which of the following technologies is supported by the majority of cloud providers in order to support the orchestration of containerized applications?
* Kubernetes
* Vagrant
* Ansible
* Terraform

QUESTION 27

By default, the Linux operating system uses what access control to manage files/users?
* Discretionary Access Control
* Mandatory Access Control
* Least Privilege
* Full Control

QUESTION 28

Which of the following deployment environments is accessed by customers/end-users in a live or real-time fashion?

* Production
* Runtime
* Staging
* Website

QUESTION 29

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

* Key Pair Encryption (symmetric cryptography)
* HMAC Cryptography (hash based message authentication]
* Public Key Cryptography (asymmetric cryptography)
* DPE (dual-phased hybrid encryption]

QUESTION 30

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

* Files absent from the remote directory will be restored from the local directory.
* Files present in the local directory, but not present in the remote directory, will be deleted.
* Files absent from the local directory will be restored from the remote directory.
* Files present in the remote directory, but not present in the local directory, will be deleted.

QUESTION 31

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?

* rsync
* scp
* fsync
* netcp

QUESTION 32

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?

* climits
* UnionFS
* Namespaces
* cqroups

QUESTION 33

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?

* setcap
* auditd
* chmod
* chown

QUESTION 34

In which file are system and user account passwords stored?
* /etc/passwd
* /etc/login.defs
* /etc/shadow
* /etc/secure

QUESTION 35

Which of the following would be the most appropriate use-case for a Function as a Service (FaaS) implementation?
* An application that requires a local file system
* An application that continuously polls for work to process
* An event-driven application with dynamic scaling
* An application that requires a regionally- or globally-distributed file system

QUESTION 36

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?
* Identifying the purpose of the proposed system
* Identifying the users of the proposed system
* Identifying the development methodology
* Identifying the technology stack of the proposed system

QUESTION 37

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?
* Containers
* Hybrid Cloud
* Physical hardware
* Virtualization

QUESTION 38

Which of the following commands is used to detach a mounted filesystem or storage device?
* umount
* mount
* mkfs
* fsck

QUESTION 39

Which of the following is considered a best practice for hardening SSHD?
* Using portknocking to protect ssh access for root
* Completely disabling ssh access
* Disabling ssh access for root

* Renaming root to a random name

QUESTION 40

Which of the following Git commands creates a new, empty Git repository?
* git clone
* git fork
* git pull
* git in it

Linux Foundation LFCA Exam Syllabus Topics:

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