

## Give You Free Regular Updates on LFCA Exam Questions Aug 09, 2024 [Q35-Q54]



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Linux Foundation LFCA Exam Syllabus Topics:

TopicDetailsTopic 1- Linux Operating System- General Networking Commands- System CommandsTopic 2- System Administration Tasks- File Management CommandsTopic 3- Security Fundamentals- Supporting Applications and Developer

**Q35.** 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

**Q36.** Which of these providers host repositories of container images?

- \* Docker Hub
- \* GitHub
- \* Container Index
- \* GitLab

**Q37.** What command do you use to view the structure of system directory hierarchies?

- \* tree
- \* fee | ls /etc
- \* ls -t
- \* ls tree

**Q38.** What command is used to set or change permission attributes of files (such as read, write, execute)?

- \* chacl
- \* chmod
- \* chown
- \* setattr

**Q39.** Which utility is used to create public and private key pairs for SSH authentication?

- \* adduser
- \* ssh-keygen
- \* keygen
- \* ssh

**Q40.** 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

**Q41.** Which option will cause ls to display hidden files and folders?

- \* ls -v
- \* ls -l
- \* ls -a
- \* ls -t

**Q42.** Which is a common best practice to automatically reduce disk usage associated with the storage of log files?

- \* Use the logrotate utility to periodically rotate the log files.
- \* Create a cron job that deletes all log files in the folder every day.
- \* Delete the /var/log directory so the log files are prevented from being created.
- \* Manually empty the log files every day of the week.

**Q43.** What technology could be used to address software dependency conflicts between applications on the same host operating system?

- \* Type 1 hypervisors

- \* Type 2 hypervisors
- \* Containers
- \* cgroups

**Q44.** Which of the following is a commonly used open source software used to connect to SSL/TLS VPN services?

- \* OpenVPN
- \* GNUVPN
- \* NordVPN
- \* VPNConnect

**Q45.** Which of the following best describes open source compliance?

- \* A process by which software components are compiled in a development environment, pushed to staging, and then finally moved to production
- \* A process in which various users of open source software observe copyright notices and satisfy license obligations for their open source software components
- \* 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
- \* 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

**Q46.** The Linux kernel uses a:

- \* dual architecture
- B microkernel architecture
- \* monolithic architecture
- \* hybrid microkernel architecture

**Q47.** What open source tool is used to manage instances in the cloud using infrastructure as code?

- \* SystemsDeployer
- \* Vault
- \* Terraform
- \* Docker

**Q48.** 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
- \* cgroups

**Q49.** A server on the network is unreachable. What is the best method to verify connectivity between your computer and the remote server?

- \* lookup
- \* find
- \* ping
- \* netstat

**Q50.** Which of the following standard log files would provide the most detailed information on why a recently upgraded custom kernel failed to boot?

- \* /var/log/boot.log

- \* /var/log/kern.log
- \* /var/log/svcslog
- \* /var/log/auth.log

**Q51.** 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?

- \* MD5
- \* LUKS
- \* BitLocker
- \* ext4

**Q52.** Which of the following Git commands creates a new, empty Git repository?

- \* git clone
- \* git fork
- \* git pull
- \* git in it

**Q53.** What command is used to view new content as it is written to a log file?

- \* cat
- \* grep -f
- \* cut -f1-5
- \* tail -f

**Q54.** 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

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