Training: The Linux Foundation
LFCT Linux Foundation Certified Cloud Technician

THE LINUX FOUNDATION AUTHORIZED TRAINING PARTNER

TRAINING GOALS:

The Linux Foundation Certified Cloud Technician (LFCT) exam demonstrates a candidate's competence of using the command line to configure, manage, and troubleshoot Linux systems and containers in a platform- and distribution-agnostic way.

A Linux Foundation Certified Cloud Technician (LFCT) can proficiently work with modern cloud infrastructure built on Linux, VMs, containers, Git, CI/CD pipelines, and orchestration tools.

Who Is It For

The LFCT is for Linux Power Users, Software Developers, or existing certified candidates (CKA, etc.) who wish to demonstrate their ability to work efficiently in a Linux environment and be more successful at their job. Other candidates for LFCT include Cloud Administrators or LFCA-certified candidates who don't wish to invest fully in becoming a Linux System Administrator (LFCS).

Domains & Competencies

- Essential Commands 20%
  - Search for, compare, and manipulate files and file content
  - Use pipes and shell input/output redirections
  - Analyze file content using regular expressions
  - Create and work with archives
  - Create and manage hard and symbolic links
  - List, set, and change file access permissions
- System Configuration 15%
  - Install software packages
  - Create and maintain filesystems
  - Administer local user and group accounts
  - Configure and set system time and timezone
  - Configure networking and local hostname resolution
- Troubleshooting 20%
  - Identify and inspect processes and services

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- Health-check and repair network services
- Identify and inspect storage issues
- Troubleshoot containers

- Virtualization and Containers 20%
  - Create and manage local and cloud-hosted Virtual Machines
  - Use cloud-init to initialize cloud-hosted Virtual Machines
  - Create and manage application containers (Podman or Docker)
  - Understand the need for container orchestration

- GitOps Basics 25%
  - Use the Git version control system
  - Perform change/code review
  - Work on version control and collaboration platforms (GitHub, GitLab)
  - Understand models of change management
  - Run commands on multiple systems and capture output
  - Automate configuration management

Exam Details & Resources

This exam is an online, proctored, performance-based test that requires solving multiple issues from a command line running Linux.
Candidates have 2 hours to complete the tasks.

- Linux Foundation Global Certification & Confidentiality Agreement
- Candidate Handbook
- Important Instructions

Difficulty level



CERTIFICATE:

After passing the exam, candidates will receive the Linux Foundation Certified Cloud Technician (LFCT) certificate in pdf form.

ADDITIONAL INFORMATION:

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Exam Includes

- Online
- Certification Valid for 3 Years
- Includes 12 Month Exam Eligibility
- One Retake
- Performance-based and Multiple Choice Exam
- Duration of Exam 120 minutes
- PDF Certificate and Digital Badge

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