

**The Linux Foundation** is built on the idea of the democratization of code and scaling adoption for all open source software projects equally; as well as providing a neutral, trusted hub for open source technology and training for U.S. civilian and defense agencies, NGOs and commercial enterprises.

The Linux Foundation's training courses are developed and taught by industry experts who are well-respected developers in the open source community. Our certification exams are created based on comprehensive industry and job analyses to ensure every professional certification program we offer meets our exceedingly high standards.

### WHY TRAIN & CERTIFY WITH THE LINUX FOUNDATION?

1. As a 501(c)6, our goal is to grow the skills of open source software developers and create environments for end-users where open source can thrive.
2. Our course developers and instructors are expert professionals in their respective fields, not professional trainers.
3. Our training is vendor neutral, ensuring participants understand core functionality, enabling them to work with any vendor's product with confidence.
4. Our industry standard-setting practical certifications use real-world problem-solving to ensure participants have the knowledge and critical thinking skills to do the work.
5. When it comes to emerging technology we work with the developers and leaders building the code and documentation; and that have a dedicated professional history of working in these areas.

### CORE TRAINING & CERTIFICATION CAPABILITIES

- AI/ML
- Blockchain
- Cloud & Containers
- Cyber Security
- DevOps & Reliability
- IoT & Embedded Technology
- Linux Kernel
- Networking
- Open Source Best Practice
- Quantum
- System Administration
- Systems Engineering
- Web & Applications

### SERVICES

- Onsite Instructor-led Training
- Virtual Instructor-led Training
- E-Learning
- Virtual Certification & Credentialing Examinations

### PARTNERSHIP

- TD SYNEX/Public Sector
- Now in AWS Marketplace

### KEY CLIENTS/MEMBERS

- U.S. Air Force
- U.S. Army
- U.S. Navy
- Australian MoD
- Microsoft
- Google
- Amazon
- Siemens
- Ericsson
- VMWare
- Verizon
- Hewlett Packard
- Boeing
- NSA

### LINUX FOUNDATION BACKGROUND

- Incorporated in 2000 in Oregon
- 501(c)6
- DUNS: 798814534
- CAGE: 54GQO
- NAICS Code: 611420 - Computer Training
- Unique Entity ID (UEI): PM1YNSG6HWL1 (registered on [sams.gov](https://www.sams.gov))

### CONTACT

Darrell Flewell, Director, Training Sales  
lfgov@training.linuxfoundation.org  
+1.707.726.1617

Leigh Tuttle, Sales Specialist - Public Sector  
ltuttle@linuxfoundation.org  
+1.703.883.7212

[training.linuxfoundation.org](https://training.linuxfoundation.org)

## INSTRUCTOR-LED TRAINING

### Security and the Linux Kernel (LFD441)

This course covers the fundamentals of Linux kernel security, including memory protection, process management, system calls, and filesystem security. Students will learn about various security mechanisms in the Linux kernel, such as Mandatory Access Control (MAC), Linux Security Modules (LSM), and secureboot. Throughout the course, students will gain hands-on experience in securing both userspace and the Linux kernel.

### Kubernetes Security Fundamentals (LFS460)

This course exposes learners to knowledge and skills needed to maintain security in dynamic, multi-project environments. It addresses security concerns for cloud production environments and covers topics related to the security container supply chain, discussing topics from before a cluster has been configured through deployment, and ongoing, as well as agile use, including where to find ongoing security and vulnerability information. The course includes hands-on labs to build and secure a Kubernetes cluster, as well as monitor and log security events.

## E-LEARNING

### Cybersecurity Essentials (LFC108)

This course discusses security precautions and risks when using technology for personal and professional purposes. It covers strategies to protect information during everyday activities and transactions, and prevent exposure to account and data compromises, and identifies what to do if a data breach occurs. The course includes real-world scenarios highlighting personal and professional situations and the implications of unsafe practices.

### Modern Air Gap Software Delivery (LFS281)

This course will teach students the concept of "air gap" and its real work applications, while exploring the advantages of technologies like containers and Kubernetes in air-gapped environments.

### Mastering Infrastructure Security: Strategies, Tools, and Practices (SKF200)

This course explores the fundamental elements needed to establish and maintain a secure infrastructure configuration and the principles and techniques of network penetration testing to identify potential security vulnerabilities.

## VIRTUAL CERTIFICATION & CREDENTIALING EXAMINATIONS

### Linux Foundation Certified System Administrator (LFCS)

This exam consists of performance-based items that simulate on-the-job tasks and scenarios faced by sysadmins in the real world. The exam is independent of distribution-specific tasks.

### Certified Kubernetes Administrator (CKA)

This exam is an online, proctored, performance-based test that requires solving multiple tasks from a command line running Kubernetes.

### Certified Kubernetes Application Developer (CKAD)

This exam is an online, proctored, performance-based test that consists of a set of performance-based tasks (problems) to be solved in a command line.

### Certified Kubernetes Security Specialist (CKS)

CKS is a performance-based certification exam that tests candidates' knowledge of Kubernetes and cloud security in a simulated, real world environment. Candidates must have taken and passed the Certified Kubernetes Administrator (CKA) exam prior to attempting the CKS exam.

## CONTACT

Darrell Flewell, Director, Training Sales  
lfgov@training.linuxfoundation.org  
+1.707.726.1617

Leigh Tuttle, Sales Specialist - Public Sector  
ltuttle@linuxfoundation.org  
+1.703.883.7212

[training.linuxfoundation.org](https://training.linuxfoundation.org)