

Get live, expert instruction from anywhere.



CompTIA Linux+ Boot Camp

Infosec's authorized CompTIA Linux+ Boot Camp is a hands-on training covering every important facet of the world's most popular open source operating system. You'll learn hardware and system configuration, system maintenance, troubleshooting and diagnostics, security, scripting and more.

Course description

This boot camp is an intense, five-day training designed to teach you the fundamental skills and knowledge required to successfully configure, manage and troubleshoot Linux systems. In addition to Linux's significant presence in the server room, all the major public cloud providers offer Linux images as a way of speeding up virtual instance creation. Add on the fact that Linux-based Android accounts for approximately 80% of the smartphone market and you'll find many IT careers are founded on Linux skills.

Who should attend

- » Network administrators
- » System administrators
- » Technical support specialists
- » Web administrators
- » Anyone looking to build a foundation of Linux skills

Boot camp at a glance



What you'll learn

- ✓ System configuration, operation and maintenance
- ✓ Troubleshoot user, application and hardware issues
- ✓ Security automation and scripting



Delivery methods

- ✓ Online
- ✓ In person
- ✓ Onsite



Training duration

- ✓ Immediate access to Infosec Skills
- ✓ 5-day boot camp
- ✓ 90-day extended access to all boot camp materials

The hands-on cybersecurity training platform that moves as fast as you do

Infosec Skills boot camps are engineered to match the way today's cybersecurity professionals prefer to learn. In addition to days of live training from an experienced pro, you'll get unlimited access to 100s of additional hands-on cybersecurity courses and cyber ranges to help you advance your skills before, during and after your boot camp. Your Infosec Skills access extends 90 days past your boot camp, so you can take additional time to prepare for your exam, or get a head start on your next certification goal.



Start training immediately

Prepare for your boot camp with immediate access to the Infosec Skills on-demand training library.



Learn by doing in the cyber range

Put what you've learned into practice with 100s of browser-based labs and hands-on projects.



Get unlimited custom practice exams

Uncover knowledge gaps with unlimited practice exams attempts and skill assessments.



700+ IT and security courses

Earn CPEs and build new skills with 100s of additional training courses.

What's included

- » Five days of expert, live Linux+ instruction
- » Exam Pass Guarantee
- » Exam voucher
- » Unlimited practice exam attempts
- » 100% Satisfaction Guarantee
- » Free 90-day Infosec Skills subscription (access to 1,400+ additional courses and labs)
- » 90-day extended access to all boot camp video replays and materials
- » Onsite proctoring of exam
- » Pre-study learning path
- » Knowledge Transfer Guarantee

Prerequisites

This Linux+ Boot Camp is designed for students that have extensive experience with at least one other operating system and a working knowledge of a UNIX-style editor. CompTIA recommends having an A+ and Network+ certification, or equivalent experience, as well as 12 months of Linux experience.

Linux+ objectives

During our Linux+ training course, you'll learn hands-on skills that are relevant for any Linux distribution (e.g., Red Hat, Ubuntu, Fedora, openSUSE, etc.) such as how to:

- » Manage, control and automate Linux GNU open source tools
- » Create, edit and search Linux files and directories
- » Limit access within the file system by controlling permissions and ownership
- » Combine GNU filter commands in pipelines to process and format text data
- » Exploit Bash shell features to enhance the command line interface
- » Perform multiple tasks in shell scripts simultaneously
- » Building, linking and removing Linux files and directories
- » Setting and testing file permissions
- » Customizing start-up scripts for enhanced Bash interactivity
- » Running shell scripts for automation
- » Installing Linux software and configuring the network interface

Industry-leading exam pass rates

Infosec's courseware materials are always up to date and synchronized with the latest CompTIA exam objectives. Our industry-leading curriculum and expert instructors have led to the highest pass rates in the industry. More than 93% of Infosec students pass their certification exams on their first attempt.

Learn from experts

We don't just have great instructors, our instructors have years of industry experience and are recognized as experts. Over the past 15 years, we've helped tens of thousands of students get certified and advance their careers.

Authorized training partner

Infosec is an authorized training partner of CompTIA, and our training has won awards from CompTIA, including the CompTIA Outstanding Partner Award.

Skill up and get certified, guaranteed



Exam Pass Guarantee

If you don't pass your exam on the first attempt, get a second attempt for free. Includes the ability to re-sit the course for free for up to one year.



100% Satisfaction Guarantee

If you're not 100% satisfied with your training at the end of the first day, you may withdraw and enroll in a different online or in-person course.



Knowledge Transfer Guarantee

If an employee leaves within three months of obtaining certification, Infosec will train a different employee for free for up to one year.

What our students are saying

The course was very good, it gave me the information I needed in a direct and sufficient manner. Our instruction was thorough, entertaining and used real life examples to convey the subject matter. He made a challenging situation enjoyable and fun.

Timothy Twyman

Department of Defense

Infosec clearly cared that all participants learn the course material. Our instructor could pick up on the differences between the participants, e.g., learning style, and adjust his interaction to best communicate the material to all participants. He was diligent about making sure no one "got left behind." I could not imagine a better class!

Paul Gatewood

Deloitte Consulting, LLC

Very impressed with Infosec. My instructor did a great job delivering the information strategically and in a way for all to understand. I would definitely take another class/certification prep course.

Sylvia Swinson

Texeltek

The instructor was able to take material that prior to the class had made no sense, and explained it in real world scenarios that were able to be understood.

Erik Heiss

United States Air Force

The course was extremely helpful and provided exactly what we needed to know in order to successfully navigate the exam. Without this I am not confident I would have passed.

Robert Caldwell

Salient Federal Solutions

INFOSEC Skills

LIVE BOOT CAMPS 

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CompTIA Linux+ details

Our instructors give you 100% of their time and dedication to ensure that your time is well spent. You receive an immersive experience with no distractions! The typical daily schedule is:

	Day 1	Day 2	Day 3	Day 4	Day 5
Morning session	Introduction Exploring Linux command-line tools	Configuring hardware	Booting Linux and editing files	Administering the system	Securing the system
Afternoon session	Managing software	Managing files	X Windows, localization, printing	Configuring basic networking Script, email, database	Exam review for Linux+ exam
Evening session	Optional group & individual study	Optional group & individual study	Optional group & individual study	Optional group & individual study	

Schedule may vary from class to class

Before your boot camp

Start learning now. You'll get immediate access to all the content in Infosec Skills, including an in-depth Linux+ prep course, the moment you enroll. Prepare for your live boot camp, uncover your knowledge gaps and maximize your training experience.

Day 1

- » Exploring Linux command-line tools
 - » Work on the command line
 - » Process test streams using filters
 - » Use streams, pipes and redirects
 - » Search text files using regular expressions
- » Managing software
 - » Manage shared libraries
 - » Use Debian package management
 - » Use RPM and YUM package management
 - » Create, monitor and kill processes
 - » Modify process execution priorities

Day 2

- » Configuring hardware
 - » Determine and configure hardware settings
 - » Design hard disk layout
 - » Create partitions and filesystems
 - » Maintain the integrity of filesystems
 - » Control mounting and unmounting of filesystems
- » Managing files
 - » Perform basic file management
 - » Manage disk quotas
 - » Manage file permissions and ownership
 - » Create and change hard and symbolic links
 - » Find system files and place files in the correct location

Day 3

- » Booting Linux and editing files
 - » Boot the system
 - » Change runlevels/boot targets and shutdown or reboot system
 - » Install a boot manager
 - » Perform basic file editing operations using vi
- » X windows, localization, printing
 - » Install and configure X11
 - » Set up a display manager
 - » Accessibility
 - » Localization and internationalization
 - » Manage printers and printing

Day 4

- » Administering the system
 - » Manage user and group accounts and related system files
 - » Automate system administration tasks by scheduling jobs
 - » Maintain system time
 - » System logging
- » Configuring basic networking
 - » Fundamentals of internet protocols
 - » Basic network configuration
 - » Basic network troubleshooting
 - » Configure client-side DNS
- » Script, email, databases
 - » Customize and use the shell environment
 - » Customize or write simple scripts
 - » SQL data management
 - » Mail Transfer Agent (MTA) basics

Day 5

- » Securing your system
 - » Perform security administration tasks
 - » Set up host security
 - » Securing data with encryption
- » Linux+ exam review

After your boot camp

Your Infosec Skills access extends 90 days past your boot camp, so you can take additional time to prepare for your exam, get a head start on your next certification goal or start earning CPEs.

About Infosec

Infosec's mission is to put people at the center of cybersecurity. We help IT and security professionals advance their careers with skills development and certifications while empowering all employees with security awareness and phishing training to stay cyber-safe at work and home. Learn more at infosecinstitute.com.