CompTIA Linux+ (LINUX+)

ID LINUX+ **Prix** CHF 2 860,– (Hors Taxe) **Durée** 5 jours

A qui s'adresse cette formation

This course is ideal if you're aspiring to or are practicing any of the following roles:

- Linux administrator
- Network administrator
- Web administrator
- Technical support specialist
- Systems administrator

CompTIA Linux+ is the only job-focused Linux certification covering the latest foundational skills demanded by employers.

Pré-requis

There are no formal prerequisites for this course.

However, CompTIA strongly recommend you have either CompTIA A+ or CompTIA Network+ certifications, or 9 to 12 months experience in configuring, monitoring and supporting servers running the Linux OS.

Objectifs

In this course, you'll learn how to manage, operate, configure and maintain systems and hardware within a Linux environment.

You'll build knowledge on software operations, managing users, groups and services, as well as understanding Linux boot process concepts and kernel modules. You'll also learn how to:

- Troubleshoot and diagnose Linux issues, including system properties, user issues, application and hardware issues
- Apply security topics like as user/group permissions and ownership, access and authentication methods, Linux firewalls, and file backup, restoration and compression
- Demonstrate automation and scripting skills like BASH scripts and version control using GIT

Contenu

Section 1: Hardware and System Configuration

- Explain Linux boot process concepts
- Given a scenario, install, configure, and monitor kernel modules
- Given a scenario, configure and verify network connection parameters
- Given a scenario, manage storage in a Linux environment
- Compare and contrast cloud and virtualisation concepts and technologies
- Given a scenario, configure localisation options

Section 2: Systems Operation and Maintenance

- Given a scenario, conduct software installations, configurations, updates, and removals
- Given a scenario, manage users and groups
- Given a scenario, create, modify, and redirect files
- Given a scenario, manage services
- Summarise and explain server roles
- Given a scenario, automate and schedule jobs
- Explain the use and operation of Linux devices
- Compare and contrast Linux graphical user interfaces

Section 3: Security

- Given a scenario, apply or acquire the appropriate user and/or group permissions and ownership
- Given a scenario, configure and implement appropriate access and authentication methods
- Summarise security best practices in a Linux environment
- Given a scenario, implement logging services
- Given a scenario, implement and configure Linux firewalls
- Given a scenario, backup, restore, and compress files

Section 4: Linux Troubleshooting and Diagnostics

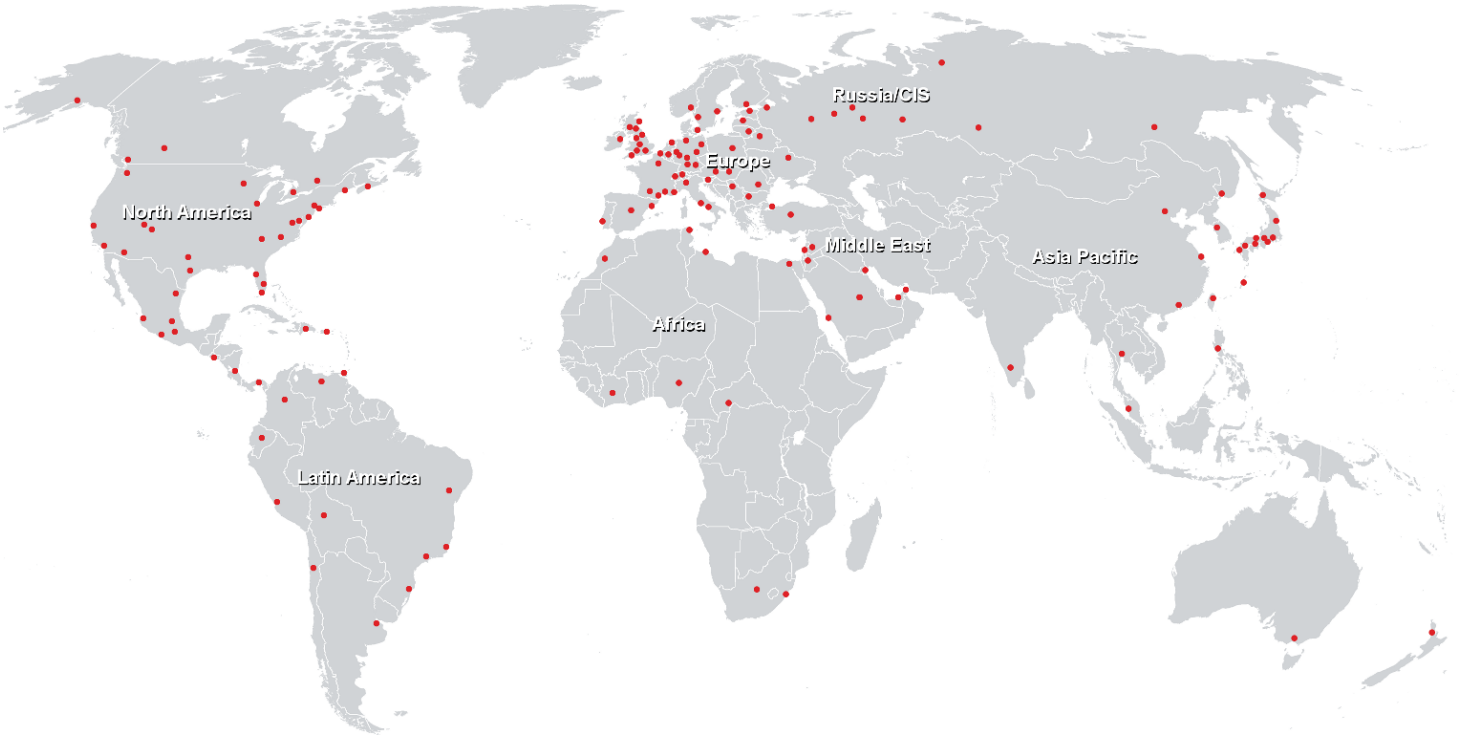
- Given a scenario, analyse system properties and remediate accordingly
- Given a scenario, analyse system processes in order to optimise performance
- Given a scenario, analyse and troubleshoot user issues
- Given a scenario, analyse and troubleshoot application and hardware issues

Section 5: Automation and Scripting

- Given a scenario, deploy and execute basic BASH scripts
- Given a scenario, carry out version control using Git
- Summarise orchestration processes and concepts

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Centres de formation dans le monde entier





Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch