

IT LEARNING SOLUTIONS

55187: Linux System Administration

Prepares you for Linux Foundation Certified System Administrator (LFCS) exam | Instructor-led classroom training or on-demand training

AUDIENCE(S): IT Professional
TECHNOLOGY: non-Microsoft products and technologies
LEVEL: 100
LANGUAGE(S): English

Compare Learning Environments	On-demand Training	Classroom Training
Anytime access	n/a	
Anywhere access to recorded instructor	n/a	
Microsoft Official Content	n/a	✓
In-Depth Training	n/a	✓
Hands-on Labs	n/a	✓
SATV Redemption	n/a	✓
Ask Instructor questions in person	n/a	✓
Attend live class in person	n/a	✓
Time commitment	Self-paced (3 Month Access)	4 Days

About This Course:

This four-day instructor-led course is designed to provide students with the necessary skills and abilities to work as a professional Linux system administrator. The course covers how to administer, configure and upgrade Linux systems running one of the three major Linux distribution families: Red Hat, SUSE, Debian/Ubuntu, how to master the tools and concepts you'll need to efficiently build and manage an enterprise Linux infrastructure. It also covers how to use state-of-the-art system administration techniques in real-life scenarios via practical labs. This course prepares the user for the Linux Foundation Certified System Administrator (LFCS) exam, which is also a required component of the MCSA: Linux on Azure Certification.

At Course Completion:

- Perform essential Linux commands such as installation, searches and manipulating files.
- Operate running Linux systems by managing the boot process, scheduling jobs, updating the system, monitoring system performance and managing security.
- Manage users and groups by adding/deleting/modifying, configuring LDAP and PAM, modifying user processes and resources.
- Ensure network performance via configuration, monitoring, tunnelling and routing of traffic.
- Configure services such as DNS, shares, SSH and SELinux/AppArmor as well as servers for DHCP and HTTP.
- Manage system storage by using partitions, logical volumes, physical volumes, ACLs, quotas and clustering.

Prerequisites:

Before attending this course, students must have:

- Knowledge of the basic components of Linux.
- Familiarity with text editors.
- Working knowledge of Bash scripting.

The Content of this document as well as the programme subject matter is subject to change without notice.

I
(student / legal guardian), acknowledge that I understand the information stated in this document.

Date:

Signature:

This information sheet forms part of your enrolment contract

The content of this information sheet is subject to change without notice due to legislation, market requirements or any other reason. ELMI reserves the right to change the programme subject matter without notice.

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