



*Training Course:
The Complete Ubuntu Linux Server
Administration Course*

*19 - 23 January 2025
Cairo (Egypt)
Holiday Inn & Suites Cairo Maadi, an IHG Hotel*

Training Course: The Complete Ubuntu Linux Server Administration Course

Training Course code: IT234660 From: 19 - 23 January 2025 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 3875 € Euro

Introduction

Linux is an Operating system that was developed in the early 1990s by Linus Torvald at the University of Helsinki in Finland. Then it was further joined & modified by a group of thousands of computer geeks all around the world.

Currently, there are lots of Linux Distributions available in the market like Redhat, Centos, Debian etc. Following are the main sections of the course which contains different tutorials in detail.

Course Objectives of the Complete Ubuntu Linux Server Administration Course

- Learn to set up your own "Web server" in Ubuntu Server.
- Learn to set up your own "DNS Server " in Ubuntu Server.
- Securing & Hardening Ubuntu Server.
- Learn to Plan Disaster Recovery & Management.
- Command Redirection Operators & Piping in Linux.
- Basics of Linux Commands I, II.
- Basics of Process Management.
- Advanced Process Management.
- Linux Boot Process in Details.
- File & Directory Permissions in Linux.
- Managing File & Group Ownership in Linux.
- Working with Advanced Linux Permissions.
- Granting Sudo access to other users.
- Learn to Play with Access Control List.
- Partition & File System Management in Linux.
- Logical Volume Manager in Linux.
- Setting up static IP address in Linux
- Talking with DNS server.
- Remote server administration with OpenSSH-Server & Putty.
- Troubleshooting Network Problems.
- Installing & Configuring Apache2 Web Server in Linux.
- Securing Apache2 Web server against hacker attack.
- Setting up your own email server in Linux
- Setting up UFW firewall
- Setting up IP tables Firewall.
- Hardening SSH-Server.
- Hardening Network-Layer.

Target Audience of the Complete Ubuntu Linux Server Administration Course

- Linux Hobbyist.
- IT Professionals.
- Anybody who wants to become a Linux System Administrator.

- Anybody who wants to become a Linux Network Administrator.
- Anybody who wants to learn How to create their own File / Web / Mail Servers.

Course Outlines of the Complete Ubuntu Linux Server Administration Course

Day 1

- Introduction.
- Basics of Linux commands & File Structure.
- File Management.Process Management.

Day 2

- User & Group Management.
- Disk Management.

Day 3

- Network Management.
- Setting up your own Web Server.

Day 4

- Setting up your own Mail Server.
- Setting up your own DNS server.

Day 5

- Securing your Server.
- Miscellaneous useful stuff.

Registration form on the Training Course: The Complete Ubuntu Linux Server Administration Course

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