



CompTIA Server+ (SERVER+)

Description

Introduction to the CompTIA Server+ (SERVER+) course

The CompTIA Server+ (SERVER+) certification is designed for IT professionals who want to master essential server management, configuration, and security skills. In this 5-day course, you will learn how to confidently install, configure, and manage servers in both physical and virtual environments. With a practical approach, this training will prepare you for the CompTIA Server+ exam, a globally recognized certification. It also includes key knowledge in virtualization, storage, data security, and disaster recovery solutions.

Course Content

Module 1: Managing server hardware

- Different server components
- How server power supplies work
- Server cooling
- Resource management

Module 2: Installing a professional server

- Preparing an installation protocol
- Preparing and assembling server hardware components
- Operating system (OS) installation

Module 3: Configuring server networking

- Network cabling management
- Configuring network interface cards (NIC)
- Implementing IP addressing services and network infrastructure

Module 4: Creating a virtual environment

- Creating a virtual server
- Creating virtual switches

Module 5: Performing an initial server configuration

- Configuring local server properties
- Setting up roles
- Configuring IP addressing services

Module 6: Administering a professional server

- Update procedures
- Managing access rights and control modes
- Creating service level agreement (SLA) protocols
- Monitoring server performance

Module 7: Deploying storage solutions

- Planning necessary resources
- Deploying main storage devices
- Overview of different storage technologies
- Configuring RAID storage

Module 8: Securing a server

- Firewall configuration
- Setting security parameters
- Installing intrusion detection systems
- Applying logical access control techniques
- Implementing data security techniques
- Strengthening server security
- Installing physical security measures
- Securing virtual networks

Module 9: Planning and conducting disaster recovery tests

- Implementing environmental control measures
- Managing server and network documentation
- Creating a disaster recovery plan
- Performing data backups and restorations

Module 10: Troubleshooting server incidents

- Troubleshooting methodology and principles
- Resolving hardware issues
- Resolving software issues
- Resolving network issues
- Resolving storage issues
- Resolving security issues

Documentation

- Digital course support included

Exam

- This course prepares to the CompTIA Server+ certification
- In order to receive the CompTIA Server+ certification, learners must pass two exams: SK0-005

- If you wish to take these exams, please contact our secretariat who will let you know the cost of the exam and will take care of all the necessary administrative procedures for you.

Participant profiles

- System administrators
- Network engineers
- IT technicians
- IT managers
- Professionals aiming for the CompTIA Server+ certification

Prerequisites

- Basic knowledge of system administration
- Hands-on experience with server environments
- Understanding of virtualization and networking
- Knowledge of hardware components
- Understanding of operating systems

Objectives

- Install and configure a professional server
- Administer server operating systems
- Manage and secure server network infrastructures
- Deploy and configure virtualized environments
- Plan and execute disaster recovery procedures
- Troubleshoot server-related incidents

Description

CompTIA Server+ (SERVER+) training

Niveau

Avancé

Classroom Registration Price (CHF)

4000

Virtual Classroom Registration Price (CHF)

3750

Duration (in Days)

5

Reference

COM-103