

CT-SERVER+: CompTIA Server+

Course Code: CT-SERVER+

Duration: 5 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

OVERVIEW

CompTIA Server+ is the only certification that can ensure that IT professionals at the administrator level are able to do the job in any environment because it is the only certification not restricted to a single platform. The exam covers essential hardware and software technologies of on-premise and hybrid server environments including high availability, cloud computing and scripting. The new exam includes performance-based questions that require the candidate to demonstrate multi-step knowledge to securely deploy, administer and troubleshoot servers.

SKILLS COVERED

Upon successful completion of this course, you will be able to perform the duties of a server administrator.

You will:

- Manage server hardware.
- Install server hardware and operating systems.
- Configure networking hardware and protocols.
- Create a virtual server environment.
- Perform basic server configuration tasks.
- Administer servers.
- Implement server storage solutions.
- Secure the server.
- Plan and test disaster recovery.
- Troubleshoot server issues.

WHO SHOULD ATTEND?

This course is designed for IT professionals such as PC, desktop, and help desk technicians who have experience supporting PC hardware who wish to make the transition to become server hardware and support specialists.

PRE-REQUISITES

To ensure your success in your course you should have 18 to 24 months of hands-on experience with installation, configuration, diagnosis, and troubleshooting of PC hardware and network operating system issues. It is also recommended that you have the CompTIA A+ certification or the equivalent training and experience.

Note that the prerequisites for this course might differ significantly from the prerequisites for the CompTIA certification exams.

MODULES

Module 1: Understanding Server Administration Concepts

- Topic 1A: Understand Server Administration Concepts
- Topic 1B: Understand Troubleshooting Methods
- Topic 1C: Manage Licenses

Module 2: Understanding Virtualization and Cloud Computing

- Topic 2A: Understand Virtualization Concepts
- Topic 2B: Understanding Cloud Concepts
- Topic 2C: Understand On-Premises versus Cloud Deployment

Module 3: Understanding Physical and Network Security Concepts

- Topic 3A: Understand Physical Security Concepts
- Topic 3B: Understand Network Security Concepts

Module 4: Managing Physical Assets

- Topic 4A: Understand Asset Management Concepts
- Topic 4B: Manage Documentation

Module 5: Managing Server Hardware

- Topic 5A: Manage the Physical Server
- Topic 5B: Administer the Server and Storage
- Topic 5C: Troubleshoot Server Hardware

Module 6: Configuring Storage Management

- Topic 6A: Manage Storage
- Topic 6B: Troubleshoot Storage

Module 7: Installing and Configuring an Operating System

- Topic 7A: Install an Operating System
- Topic 7B: Configure Storage
- Topic 7C: Configure Network Settings
- Topic 7D: Use Scripts to Configure Servers

Module 8: Troubleshooting OS, Application, and Network Configurations

- Topic 8A: Troubleshoot an Operating System and Applications
- Topic 8B: Troubleshoot Network Configurations

Module 9: Managing Post-Installation Administrative Tasks

- Topic 9A: Understand Secure Administration Practices
- Topic 9B: Manage Server Functions
- Topic 9C: Configure Server Hardening

Module 10: Managing Data Security

- Topic 10A: Understand Data Security Concepts
- Topic 10B: Manage Data Security
- Topic 10C: Troubleshoot Data Security

Module 11: Managing Service and Data Availability

- Topic 11A: Manage Data Backup and Restore
- Topic 11B: Manage High Availability
- Topic 11C: Manage Disaster Recovery

Module 12: Decommissioning Servers

- Topic 12A: Decommission Servers

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