CompTIA Server+ (Exam SK0-005)

Duration: 5 Days

Prerequisites:

To ensure your success in this course, you should have basic IT skills comprising 18 months to two years' experience. CompTIA A+ certification, or the equivalent knowledge, is strongly recommended.

Course Description:

This course can benefit you in two ways. If you intend to pass the CompTIA Server+ (Exam SK0-005) certification examination, this course can be a significant part of your preparation. But certification is not the only key to professional success in the field of server management. Today's job market demands individuals with demonstrable skills, and the information and activities in this course can help you build your sysadmin skill set so that you can confidently perform your duties in any entry-level server administration role.

Course Objectives:

On course completion, you will be able to do the following:

- Understand server administration concepts.
- Understand virtualization and cloud computing.
- Understand physical and network security concepts.
- Manage physical inventory and assets.
- Manage server hardware.
- Configure storage management.
- Install and configure an OS.
- Troubleshoot OS, application, and network configurations.
- Maintain and manage servers post-installation.
- Manage data security.
- Manage service and data availability.
- Decommission servers.

Intended Audience:

The Official CompTIA Server+ Guide (Exam SK0-005) is the primary course you will need to take if your job responsibilities include server administration, installation, and security within your organization. You can take this course to prepare for the CompTIA Server+ (Exam SK0-005) certification examination.

Course Outlines:

Lesson 1: Understanding Server Administration Concepts

- Understand Server Administration Concepts
- Understand Troubleshooting Methods
- Manage Licenses

Lesson 2: Understanding Virtualization and Cloud Computing

- Understand Virtualization Concepts
- Understanding Cloud Concepts
- Understand On-Premises versus Cloud Deployments

Lesson 3: Understanding Physical and Network Security Concepts

- Understand Physical Security Concepts
- Understand Network Security Concepts

Lesson 4: Managing Physical Assets

- Understand Asset Management Concepts
- Manage Documentation

Lesson 5: Managing Server Hardware

- Manage the Physical Server
- Administer the Server and Storage
- Troubleshoot Server Hardware

Lesson 6: Configuring Storage Management

- Manage Storage
- Troubleshoot Storage

Lesson 7: Installing and Configuring an OS

- Install an Operating System
- Configure Storage
- Configure Network Settings
- Use Scripts to Configure Servers

Lesson 8: Troubleshooting OS, Application, and Network Configurations

- Troubleshoot an OS and Applications
- Troubleshoot Network Configurations

Lesson 9: Managing Post-Installation Administrative Task

- Understand Secure Administration Practices
- Manage Server Functions
- Configure Server Hardening

Lesson 10: Managing Data Security

- Understand Data Security Concepts
- Manage Data Security
- Troubleshoot Data Security

Lesson 11: Managing Service and Data Availability

- Manage Data Backup and Restore
- Manage High Availability
- Manage Disaster Recovery

Lesson 12: Decommissioning Servers

- Decommission Servers
- Find File Locations

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