Current Technologies
Computer Learning Centers

CompTIA

CompTIA Server+ Certification

This course is a global certification that validates the hands-on skills of IT professionals who install, manage, and troubleshoot servers in data centers as well as on premise and hybrid environments. It 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. You will build on your existing professional experience with personal computer hardware support to present the next tier of skills and concepts that you will use on the job when administering any type of network server.

How you'll benefit

This class will help you:

- Learn knowledge and skills required to install, configure, and manage server hardware and operating systems (OSs) by implementing proper security controls, successfully troubleshooting common server problems, and demonstrating an understanding of key disaster recovery concepts.

Why Attend with Current Technologies CLC

- Our Instructors are in the top 10%
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs Run up to Date Code for all our courses

Objectives

Upon completing this course, the student will be able to meet these objectives:

- Understand Server Administration Concepts
- Understand Virtualization and Cloud Computing
- Understand Physical and Network Security Concepts
- Manage Physical Assets
- Manage Server Hardware
- Configure Storage Management
- Install and Configure an Operating System
- Troubleshoot OS, Application, and Network Configurations
- Manage Post-Installation Administrative Tasks

Course Duration
5 day
Course Price
$2,895.00
Methods of Delivery
• Instructor Led
• Virtual ILT
• On-Site
Certification Exam
SK0-004

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- Manage Data Security
- Manage Service and Data Availability
- Decommission Servers

Who Should Attend

The job roles best suited to the material in this course are:

- Systems Administrators
- Server Administrators
- Field Service Engineers/Technicians
- Data Center Engineers/Technicians
- Network Administrators
- IT Technicians

Perquisites

To fully benefit from this course, you should have the following knowledge:

- Have 18 to 24 months of hands-on experience with installation, configuration, diagnosis, and troubleshooting of PC hardware and network operating system issues.
- CompTIA® A+ Certification
- CompTIA® Network+® you should possess basic Windows user skills and a fundamental

Outline

Module 1: Managing Server Hardware
- Server Components
- Server Power
- Server Cooling
- Asset Management

Module 2: Installing a Server
- Prepare an Installation Plan
- Prepare the Server Hardware
- Set Up the Server Hardware

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- Install an Operating System

Module 3: Configuring Networking

- Manage Network Cabling
- Configure Network Interface Cards
- Implement IP Addressing and Network Infrastructure Services

Module 4: Creating a Virtual Environment

- Create Virtual Servers
- Create Virtual Switches

Module 5: Performing Basic Server Configuration

- Configure Local Server Properties
- Configure Server Roles
- Set Up IP Addressing Service Roles

Module 6: Administering the Server

- Update the Server
- Server Administration Access and Control Methods
- Create Service Level Agreements
- Monitor Server Performance

Module 7: Implementing Storage Solutions

- Perform Capacity Planning
- Deploy Primary Storage Devices
- Storage Technologies
- Configure RAID

Module 8: Securing the Server

- Configure Firewalls
- Configure Security Protocols
- Implement Intrusion Detection Systems
- Implement Logical Access Control Methods

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- Implement Data Security Methods
- Apply Server Hardening Techniques
- Implement Physical Security
- Create Virtual Networks

Module 9: Planning and Testing Disaster Recovery

- Implement Environmental Controls
- Manage Documentation for the Server and the Network
- Create A Disaster Recovery Plan
- Perform Backup and Restoration

Module 10: Troubleshooting Server Issues

- Troubleshoot Theory and Methods
- Troubleshoot Hardware Issues
- Troubleshoot Software Issues
- Troubleshoot Networking Issues
- Troubleshoot Storage Issues
- Troubleshoot Security Issues

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