CompTIA Server+ Bootcamp

Length: 5 days

Format: Bootcamp

Time: Day

About This Course

The CompTIA Server+ course builds 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. If your job duties include server troubleshooting, installation, or maintenance, or if you are preparing for any type of network server-related career, it provides the primary knowledge and skills you will require to be successful.

Click here to find your place on the CompTIA Roadmap.

Required Exams

SK0-004

Audience Profile

This course is intended for students seeking to earn the CompTIA Server+ certification and who need an expert instructor to guide them throughout the training and exam preparation process.

Course Objectives

After completing this course, students will be able to:

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

Outline

Lesson 1:Managing Server HardwareTopic A:Server Components

Topic B:Server Power

Topic C:Server Cooling

Topic D:Asset Management

Lesson 2:Installing a ServerTopic A:Prepare an Installation Plan

Topic B:Prepare the Server Hardware

Topic C:Set Up the Server Hardware

Topic D:Install an Operating System

Lesson 3:Configuring NetworkingTopic A:Manage Network Cabling

Topic B:Configure Network Interface Cards

Topic C:Implement IP Addressing and Network Infrastructure Services

Lesson 4:Creating a Virtual EnvironmentTopic A:Create Virtual Servers

Topic B:Create Virtual Switches

Lesson 5:Performing Basic Server ConfigurationTopic A:Configure Local Server Properties

Topic B:Configure Server Roles

Topic C:Set Up IP Addressing Service Roles

Lesson 6:Administering the ServerTopic A:Update the Server

Topic B:Server Administration Access and Control Methods

Topic C:Create Service Level Agreements

Topic D:Monitor Server Performance

Lesson 7:Implementing Storage SolutionsTopic A:Perform Capacity Planning

Topic B:Deploy Primary Storage Devices

Topic C:Storage Technologies

Topic D:Configure RAID

Lesson 8:Securing the ServerTopic A:Configure Firewalls

Topic B:Configure Security Protocols

Topic C:Implement Intrusion Detection Systems

Topic D:Implement Logical Access Control Methods

Topic E:Implement Data Security Methods

Topic F:Apply Server Hardening Techniques

Topic G:Implement Physical Security

Topic H:Create Virtual Networks

Lesson 9:Planning and Testing Disaster RecoveryTopic A:Implement Environmental Controls

Topic B:Manage Documentation for the Server and the Network

Topic C:Create A Disaster Recovery Plan

Topic D:Perform Backup and Restoration

Lesson 10:Troubleshooting Server IssuesTopic A:Troubleshoot Theory and Methods

Topic B:Troubleshoot Hardware Issues

Topic C:Troubleshoot Software Issues

Topic D:Troubleshoot Networking Issues

Topic E:Troubleshoot Storage Issues

Topic F:Troubleshoot Security Issues