

CompTIA Server+ Course Outline

Lesson 1: Managing Server Hardware

- Topic A: Server Components
- Topic B: Server Power
- Topic C: Server Cooling
- Topic D: Asset Management

Lesson 2: Installing a Server

- Topic 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 Networking

- Topic A: Manage Network Cabling
- Topic B: Configure Network Interface Cards
- Topic C: Implement IP Addressing and Network Infrastructure Services

Lesson 4: Creating a Virtual Environment

- Topic A: Create Virtual Servers
- Topic B: Create Virtual Switches

Lesson 5: Performing Basic Server Configuration

- Topic A: Configure Local Server Properties
- Topic B: Configure Server Roles
- Topic C: Set Up IP Addressing Service Roles

Lesson 6: Administering the Server

- Topic 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 Solutions

- Topic A: Perform Capacity Planning
- Topic B: Deploy Primary Storage Devices
- Topic C: Storage Technologies
- Topic D: Configure RAID

Lesson 8: Securing the Server

- Topic 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 Recovery

- Topic 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 Issues

- Topic 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