

CompTIA Server+

Duration: 40 Hrs

Course Outline

1 - Introduction to Servers

Examine the Network Architecture
Identify Common Server Types and Functions

2 - Exploring the Server Hardware

Identify Server System Board Components
Explore System Processing Core
Explore Server Memory
Examine Server Cooling and Power Systems

3 - Introduction to Server Software

Describe Server Software
NOS Management Features
NOS Security Features
Network Essentials for Servers

4 - Exploring the Server Storage System

Examine Storage Devices Used for Servers
Exploring IDE and SCSI
Describe RAID
Explore NAS Implementations
Explore SAN Implementations

5 - Installing the Server Hardware

Identify the Best Practices in Server Hardware Installation
Install Hardware Components on a Server
Verify Server Installation
Install a Server in a Network Environment

6 - Configuring Servers

NOS Installation and Verification
Install System Monitoring Agents and Service Tools
Server Configuration Documentation

7 - Examining the Issues in Upgrading Server Components

Examine an Upgrade Checklist
Examine the Issues in Upgrading Server Hardware
Examine the Issues in Upgrading Server Software

8 - Examining Servers in an IT Environment

Industry Best Practices for Server Installation and Maintenance
Server Security and Access Methods

9 - Troubleshooting Servers

Examine the Troubleshooting Theory and Methodologies
Troubleshoot Server Hardware Problems
Troubleshoot Server Software Problems
Troubleshoot Server Network Problems
Troubleshoot Server Storage Device Problems

10 - Exploring Disaster Recovery Concepts and Methodologies

Examine Disaster Recovery Plans
Implement Disaster Recovery Methodologies
Implement Replication Methods