

CompTIA Server+

Training &

Certification

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CompTIA Server+ Certification – Objectives

CompTIA Server+



CompTIA Server+ certification validates knowledge of server issues and technology, including disaster recovery. It is a vendor neutral certification that proves knowledge of server hardware and software.

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The exam covers system hardware, software, storage, IT environment, disaster recovery and troubleshooting. CompTIA Server+ is an international, vendor-neutral certification for technical support professionals with 18 to 24 months of IT experience. Although not a prerequisite, it is recommended have 18 to 24 months experience in server technology, along with a CompTIA A+ certification.

Candidate job roles include *network administrator, network engineer, systems engineer, security analyst, web site administrator*. Companies such as Dell, HP, IBM, Intel, Lenovo and Xerox recommend or require CompTIA Server+ for their server technicians.

CompTIA Server+ Certification - Class Outline

Duration:

Traditional Instructor Led Learning - 5.00 Day(s)

Online Anytime - Self Paced

Online Live - 5.00 Sessions

Mentored Learning - Flexible

Overview:

In this course, students install, configure, upgrade, maintain, and troubleshoot servers, and learn information and skills that will be helpful on the job, and prepare for the CompTIA Server+ certification examination, 2009 objectives.

Who Should Attend:

The CompTIA® Server+® certification exam is targeted at IT professionals, network support technicians, and server hardware specialists having 18-24 months of experience in the information technology industry and hands-on experience with the installation, configuration, diagnosis, and troubleshooting of PC hardware.

At Course Completion:

Upon successful completion of this course, students will be able to: - examine server fundamentals. - identify the hardware components of a server. - describe the features of server software. - examine the various types of storage systems used in servers. - install hardware components on a server. - configure servers. - examine the issues in upgrading server components. - identify some of the industry's best practices for deploying a server and the various strategies of securing, accessing, and remotely managing the server hardware. - troubleshoot servers. - describe disaster recovery concepts and techniques.

Prerequisite(s) or equivalent knowledge:

[A+ Certification - Operating Systems](#)

[Network+ Certification \(Second Edition\)](#)

CompTIA Server+ Certification – Course Outline

Outline:

Lesson 1: Introduction to Servers

- Examine the Network Architecture
- Identify Common Server Types and Functions

Lesson 2: Exploring the Server Hardware

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

Lesson 3: Introduction to Server Software

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

Lesson 4: Exploring the Server Storage System

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

Lesson 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

Lesson 6: Configuring Servers

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

Lesson 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

Lesson 8: Examining Servers in an IT Environment

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

Lesson 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

Lesson 10: Exploring Disaster Recovery Concepts and Methodologies

Examine Disaster Recovery Plans
Implement Disaster Recovery Methodologies
Implement Replication Methods

CompTIA Server+ Certification – Exam Outline

Number of questions	100
Length of test	90 minutes
Passing score	750 (on a scale of 100-900)
Recommended experience	CompTIA A+ certification
Languages	English, Chinese, German, Japanese
Exam codes	SK0-003