

CompTIA SK0-004 Exam Prep 2026

CompTIA SK0-004 Server+ 2026. Server hardware, storage, virtualization, and troubleshooting.

[IT Certifications](#) Instructor: Jason Miller • 5 sections • 45 lessons • 14.75h total

[View this course online](#) [Browse all courses](#)

About this course

If you are an IT professional preparing for the CompTIA Server+ certification (SK0-004), this course cuts through the noise to give you a focused, practical study plan for the 2026 exam objectives. We focus on what is on the test, using real scenarios to make concepts stick.

You will learn how to troubleshoot server hardware, configure storage solutions, and understand virtualization concepts through video lessons, practical case studies, and downloadable study guides. We walk through practice questions and show you how to apply your knowledge to common server problems.

Course curriculum

Foundations and Exam Overview

- **Understanding the 2026 SK0-004 Exam Objectives (12m)**
Get a clear breakdown of the exam domains and weightings for the 2026 version. Learn how to structure your study plan effectively.
- **Setting Up Your Study Environment (8m)**
Step-by-step guide to creating a productive study space and selecting the right resources for your SK0-004 prep.
- **Key Server+ Terminology You Must Know (15m)**
A practical glossary of essential terms. We'll show you how to remember them using real-world examples.
- **Creating a Realistic Study Timeline (10m)**
Downloadable template to plan your study schedule. We'll help you balance work, life, and exam prep.
- **Common Pitfalls in Server+ Exam Prep (14m)**
Learn what mistakes other IT professionals make and how to avoid them. Includes a problem-solving session on study habits.
- **How to Use Practice Tests Effectively (11m)**
A step-by-step guide on analyzing your practice test results to identify and fix knowledge gaps.
- **Your First SK0-004 Practice Question Walkthrough (18m)**
We'll dissect a real practice question from the 2026 objectives, showing you the thought process for answering correctly.

Core Server Hardware and Storage

- **Server Chassis and Form Factors Explained (20m)**
Learn how to identify and work with different server chassis types. Includes a real case study on selecting hardware for a business.
- **Motherboard Components and Their Functions (22m)**
A deep dive into server motherboards. We'll show you how to diagnose common hardware issues step-by-step.
- **CPU and Memory Configuration for Servers (25m)**
Practical guide to selecting and configuring CPUs and RAM for optimal server performance. Includes downloadable checklist.
- **RAID Levels: A Practical Comparison (17m)**
We'll break down RAID 0, 1, 5, 6, 10, and more. Learn when to use each with real-world scenarios.
- **Storage Solutions: HDD vs. SSD vs. NVMe (19m)**
A hands-on comparison of storage technologies. Learn how to choose the right storage for different server workloads.

- **Configuring Network Attached Storage (NAS) (16m)**
Step-by-step walkthrough of setting up a NAS device. Includes troubleshooting common connection problems.
- **Troubleshooting Server Hardware Failures (28m)**
Real case study analysis of a server hardware failure. We'll walk through the diagnostic process from start to finish.
- **Installing and Cabling Server Components (23m)**
A practical guide to properly installing and cabling server hardware. Includes best practices to avoid common errors.
- **Understanding Server Power Supply and Cooling (15m)**
Learn how to select the right power supply and cooling solution for your server. Includes a problem-solving session on overheating.

Server Operating Systems and Virtualization

- **Comparing Windows Server and Linux Server OS (21m)**
A practical comparison of common server operating systems. Learn which one fits different business needs.
- **Installing a Server Operating System Step-by-Step (26m)**
We'll guide you through a clean installation of a server OS. Includes downloadable installation checklist.
- **Configuring Basic Server Services (18m)**
Learn how to set up essential services like DHCP, DNS, and file sharing. Includes real case study examples.
- **Introduction to Server Virtualization Concepts (24m)**
A beginner-friendly guide to virtualization. We'll explain hypervisors, VMs, and why they matter for modern servers.
- **Setting Up Your First Virtual Machine (22m)**
Step-by-step walkthrough for creating a VM using popular hypervisors. Includes troubleshooting common setup issues.
- **Managing Virtual Machine Resources (17m)**
Learn how to allocate CPU, memory, and storage to VMs effectively. Includes a downloadable resource planning template.
- **Troubleshooting Common Virtualization Problems (29m)**
Real-world problem-solving session. We'll analyze common VM issues and show you how to fix them quickly.
- **Understanding Containers and Docker Basics (20m)**
A practical introduction to containerization. Learn how it differs from traditional virtualization and when to use it.

Networking and Security for Servers

- **Server Network Interface Configuration (19m)**
Step-by-step guide to configuring network cards and IP settings on servers. Includes real case study for a small business.

- **Understanding VLANs and Network Segmentation (23m)**
Learn how to implement VLANs for better network security and performance. Includes downloadable configuration template.
- **Firewall Rules for Server Protection (21m)**
A practical guide to setting up firewall rules. We'll show you how to balance security and accessibility.
- **Implementing Server Backup Strategies (27m)**
Step-by-step guide to creating a robust backup plan. Includes real case study analysis of a data recovery scenario.
- **Disaster Recovery Planning for Servers (25m)**
Learn how to create a disaster recovery plan. We'll walk through a problem-solving session for a server outage.
- **Basic Server Security Hardening (18m)**
A checklist for securing your server. Includes steps for patch management and access control.
- **Monitoring Server Performance and Logs (22m)**
Learn how to use built-in tools to monitor server health. Includes a step-by-step guide to interpreting log files.
- **Troubleshooting Network Connectivity Issues (30m)**
Real case study analysis of a network outage. We'll show you the systematic approach to diagnosing and fixing the problem.
- **Understanding and Configuring SSL/TLS for Servers (16m)**
A practical guide to securing web traffic. Learn how to install and manage certificates on your server.

Advanced Troubleshooting and Exam Strategy

- **The CompTIA Troubleshooting Model in Practice (24m)**
We'll apply CompTIA's troubleshooting methodology to real server problems. Includes downloadable flowchart.
- **Analyzing Server Logs for Clues (20m)**
A hands-on session reading and interpreting Windows and Linux server logs. Learn to spot critical errors.
- **Performance Bottleneck Identification (26m)**
Step-by-step guide to finding and fixing performance issues. Includes real case study on a slow file server.
- **Virtualization Performance Tuning (22m)**
Learn advanced techniques to optimize VM performance. Includes a problem-solving session on resource contention.
- **High Availability and Failover Concepts (18m)**
A practical overview of HA setups. We'll show you how to plan for minimal downtime.
- **Practice Exam Strategy: Time Management (15m)**
Learn how to pace yourself during the real exam. Includes a downloadable time management worksheet.
- **Decoding Difficult Exam Questions (28m)**
We'll analyze tricky question types from the 2026 objectives. Learn how to eliminate wrong answers quickly.

- **Final Review: Key Concepts for the SK0-004 (19m)**
A comprehensive review of the most important topics. Includes a downloadable cheat sheet for last-minute study.
- **Building Confidence: Mock Exam Day (25m)**
Simulate the exam experience with a full-length practice test. We'll debrief and address any remaining doubts.
- **What to Expect on Exam Day (12m)**
A practical guide to the testing center experience. Learn what to bring and how to handle exam-day nerves.
- **Next Steps After Certification (10m)**
Real-world advice on leveraging your Server+ certification. Includes ideas for career advancement and further learning.
- **Course Wrap-Up and Your Action Plan (8m)**
We'll help you create a personalized post-course action plan. Download your final study checklist and templates.

Discover our blog

Learn more with free articles written by our professors and guest experts.

Latest article: **[Flight Attendant Preparation: What to Study Before You Apply](#)**

[Visit the blog](#) [All courses](#) [This course](#)