

Official CompTIA Content
for Instructor-Led Training:

CompTIA Server+

Official CompTIA Content for Instructor-Led Training is designed with the instructor in mind, providing insights and tools for successfully training learners pursuing their CompTIA Server+ certification.

Overview

The Official CompTIA Server+ Guide (Exam SK0-004) will build on students' existing professional experience with PC hardware support. It will deliver the next tier of skills and concepts used when administering any type of network server. It provides full coverage of the objectives for the CompTIA Server+ certification and will help prepare students to take the exam.

Official Content:

- The Official CompTIA Server+ Instructor Guide (Exam SK0-004)
- The Official CompTIA Server+ Student Guide (Exam SK0-004)
- CompTIA CHOICE Digital Learning Platform
 - Online resources included with purchase of Guides
- CompTIA Server+ (Exam SK0-004) CompTIA Labs
- CompTIA CertMaster Practice for Server+ (Exam SK0-004)

Why is Official CompTIA Content different?

- **For exam takers, by the exam developer** - Official CompTIA Content is the only study material exclusively developed by CompTIA for the CompTIA certification candidate.
- **Complete Library** - No other content library covers all exam objectives for all certifications. It provides complete breadth, depth and currency of material unavailable with competitors.
- **Developed with the instructor in mind** - Official CompTIA Content's focus on instruction is unique, providing instructors ease and flexibility to teach to any audience within any modality.

Key Features and Benefits

- **Designed and Class-tested for Instructor-Led Training** using proven instructional design. Topics are presented in a hierarchy that offers knowledge, procedural tasks and hand-on activities that require students put knowledge into practice. This approach keeps student engaged and ensures success.
- **Comprehensive instructor resources enhanced through CompTIA CHOICE platform** ensures a successful course delivery. Resources to download include:
 - **Course setup** notes describe hardware and software requirements
 - Course-specific **delivery tips** with insights to deliver the course material
 - **Presentation planners** help plan and schedule course based on different course lengths
 - **PowerPoint slides**
 - **Facilitator notes** in instructor manual
 - **Solutions** to activities and discussions
- **Comprehensive student resources enhanced through CompTIA CHOICE platform** engages students by providing:
 - **Classroom**: A link to the training provider's classroom environment
 - **eBook**: An interactive online version of the book, along with secure PDF and downloadable versions
 - **Files**: Any course files available to download
 - **Videos**: Brief animated videos that enhance and extend the classroom learning experience
 - **Assessment**: Questions designed for self-assessment of the course content
 - **Checklists**: Step by step procedures for recurring IT tasks that are part of the course objectives and as post-class references
 - **Links**: Helpful links to certification exam information, CompTIA's IT Careers blog, and additional resources for test prep
 - **Locker**: A resource allowing for secure file exchange with students
- **Focused on job roles and 100% coverage of exam objectives** means content is practical, based on real performance scenarios. In addition, content is aligned to certification exam objectives.
- **Active Learning** is integrated with one activity per topic designed to enable students to practice guidelines and procedures as well as solidify understanding of the informational material presented in the course.
- **Flexible and customizable based on course format** whether the course is co-located or remote, synchronous or asynchronous. Class resources can be easily configured based on modality.

Lab option

- CompTIA Labs hosted by Learn on Demand Systems allow students to learn in actual software applications through a remote lab environment. Labs allow students to practice what they are learning using real, hands-on experiences. Students have access to the software environment for 6 months after a CompTIA Labs access key is redeemed, providing a fantastic post-class resource for students to practice their skills.

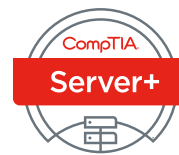
Exam Prep option

- CertMaster Practice is an online knowledge assessment and remediation tool designed to help students feel more confident and prepared for their CompTIA exam.

Course Overview

This course is for students who are preparing to take the CompTIA Server+ certification exam SK0-004.

This course has been developed for IT professionals such as PC, desktop, and help desk technicians with PC hardware support experience, and who wish to make the transition to become server support specialists.



Job Roles

- Server Support Technician
- Server Administrator
- IT/Server Technician
- Storage Administrator

Prerequisites

Students should have 18-24 months of hands-on experience with installation, configuration, diagnosis, and troubleshooting of PC hardware and network operating system issues. Achievement of CompTIA A+ certification is strongly recommended.

Course content summary

- *Lesson 1: Managing Server Hardware:* Server Components • Server Power • Server Cooling • Asset Management
- *Lesson 2: Installing a Server:* Prepare an Installation Plan • Prepare the Server Hardware • Set Up the Server Hardware • Install an Operating System
- *Lesson 3: Configuring Network:* Manage Network Cabling • Configure Network Interface Cards • Implement IP Addressing and Network Infrastructure Services
- *Lesson 4: Creating a Virtual Environment:* Create Virtual Servers • Create Virtual Switches
- *Lesson 5: Performing Basic Server Configuration:* Configure Local Server Properties • Configure Server Roles • Set Up IP Addressing Service Roles
- *Lesson 6: Administering the Server:* Update the Server • Server Administration Access and Control Methods • Create Service Level Agreements • Monitor Server Performance
- *Lesson 7: Implementing Storage Solutions:* Perform Capacity Planning • Deploy Primary Storage Devices • Storage Technologies • Configure RAID
- *Lesson 8: Securing the Server:* Configure Firewalls • Configure Security Protocols • Implement Intrusion Detection Systems • Implement Logical Access Control Methods • Implement Data Security Methods • Apply Server Hardening Techniques • Implement Physical Security • Create Virtual Networks
- *Lesson 9: Planning and Testing Disaster Recovery:* Implement Environmental Controls • Manage Documentation for the Server and the Network • Create A Disaster Recovery Plan • Perform Backup and Restoration
- *Lesson 10: Troubleshooting Server Issues:* Troubleshoot Theory and Methods • Troubleshoot Hardware Issues • Troubleshoot Software Issues • Troubleshoot Networking Issues • Troubleshoot Storage Issues • Troubleshoot Security Issues



Purchase Everything in One Place

Official CompTIA Content is available on the CompTIA Store at store.comptia.com, which means partners will be able to obtain Official CompTIA Content, CompTIA CertMaster products and exam vouchers all in one place.

Please contact your CompTIA business development representative for more information.