

Official CompTIA learning resources
for Instructor-Led Training:

CompTIA Server+

Official CompTIA learning resources for Instructor-Led Training are 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 LEARNING RESOURCES

- The Official CompTIA Server+ Instructor Guide (Exam SK0-004)
- The Official CompTIA Server+ Student Guide (Exam SK0-004)
- CompTIA Learning Center – Digital Learning Platform – included with purchase of print and eBook
- CompTIA Server+ (Exam SK0-004) CompTIA Labs
- CompTIA CertMaster Practice for Server+ (Exam SK0-004)

WHY ARE OFFICIAL COMPTIA LEARNING RESOURCES DIFFERENT?

- **For Exam Takers by the Exam Developer** - Official CompTIA learning resources are the only study material exclusively developed by CompTIA for the CompTIA certification candidate.
- **Developed with the instructor in mind** - Official CompTIA learning resource's focus on instruction are unique, providing instructors ease and flexibility to teach to any audience within any modality.
- **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.

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.
- **Focused on job roles and 100% coverage of exam objectives** means learning resources are practical, based on real performance scenarios. In addition, learning resources are 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.

LABS

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 180 days after a CompTIA Labs access key is redeemed, providing a post-class resource for students to practice their skills.

EXAM PREP OPTION

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



ENHANCED LEARNING RESOURCES

The Official CompTIA Server+ Guides include the accompanying resources:

Comprehensive INSTRUCTOR resources ensure successful course delivery by providing:	Comprehensive STUDENT resources engage students by providing:
<ul style="list-style-type: none">• Course-specific delivery tips provide the instructor with additional insights to deliver the course successfully• Facilitator notes in instructor guide• Solutions to activities and discussions• PowerPoint slides: A complete set of slides to facilitate the class including lists, tables, diagrams, illustrations, annotated screens and activity summaries• Presentation Planners help plan and schedule courses based on different course lengths• Solutions: Instructors have solutions to Activities and Discussion Questions embedded within the Instructor Guide.	<ul style="list-style-type: none">• eBook: An interactive online version of the book, along with secure PDF and downloadable versions• Files: Any course files available to download• Videos: Brief videos, developed exclusively for CompTIA by ITProTV, provide demonstrations of key activities in the course• Assessment: A series of different assessments for each lesson as well as an overall self-assessment• PowerPoint slides• Solutions to activities and discussions• Strengths and Weaknesses Dashboard: Students assessments results are aggregated in the Strengths and Weaknesses dashboard to provide an indicator of their overall performance in the course.

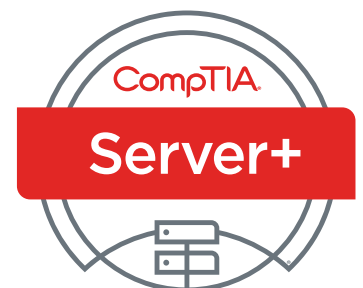
COURSE OVERVIEW

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.

TABLE OF CONTENTS		
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 Network: Manage Network Cabling Topic A: Configure Network Interface Cards Topic B: 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		

PURCHASE EVERYTHING IN ONE PLACE

Official CompTIA learning resources are available on the CompTIA Store at <https://store.comptia.org/>, which means partners will be able to obtain Official CompTIA learning resources, CompTIA CertMaster products and exam vouchers all in one place. Please contact your CompTIA business development representative for more information.