CompTIA

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+ Instructor and Student Guides (SK0-005) have been developed by CompTIA for the CompTIA certification candidate. Rigorously evaluated to validate coverage of the CompTIA Server+ (SK0-005) exam objectives, The Official CompTIA Server+ Instructor and Student Guides teach the knowledge and skills required to install, configure, and manage server hardware and server operating systems; implement proper server hardening and security controls; successfully troubleshoot common server problems; demonstrate an understanding of key disaster recovery, high-availability, and backup concepts; and prepare candidates to take the CompTIA Server+ certification exam.

OFFICIAL LEARNING RESOURCES (SK0-005)
- The Official CompTIA CertMaster Learn
- The Official CompTIA CertMaster Labs
- The Official CompTIA CertMaster Learn integrated with CertMaster Labs
- The Official CompTIA CertMaster Practice
- The Official CompTIA Instructor Guide / Student Guide
- The Official CompTIA Study Guide

NEW FEATURES

- **Content Updates for the CompTIA Server+ SK0-005 Exam:** The courseware has been divided into a larger number of lessons and topics than the previous version of the course with the aim of restricting the size of each topic to no more than ten subject headings. By creating smaller chunks of reading, learners have an easier time reading and recalling the material. Learners are also presented with more opportunities to interact with the content and answer questions based on the reading.

- **Easily Implemented in Classroom Environments:** The content and resources have been reworked to make them more flexible to suit a variety of classroom formats, whether there are 5 days or 16 weeks to teach the material, or something in between:

  - **Lengthy on-premise Lab Activities that require organizations to setup and maintain equipment have been removed from the eBook.** Instead, graded labs (CertMaster Labs) are available and hosted on the Skillable platform. These modular labs require only a modern browser and internet connection, saving organizations hours of setup time. Their short durations of 10-30 minutes allow for labs to be more easily integrated in coursework. As a result, instructors will no longer see the setup guide in the Instructor Resources.

  - **Reworked Presentation Tools:** The PowerPoint lecture slides have been enhanced with support notes. In addition, the presentations planner has been created as a separate document and includes information on labs, topics and PBQs to make it easier for instructors to plan lectures and use classroom time effectively.

- **Rigorously Evaluated to Ensure Adequate Coverage of Exam Objectives:** CompTIA employs trusted third-party subject matter experts to review the content against the exam objectives and validate that an appropriate breadth and depth of coverage has been achieved. This process helps ensure that students using The Official CompTIA Server+ Guides are adequately prepared for the CompTIA Server+ certification exam. Additionally, icons at the beginning of each topic call out the specific exam objectives covered.

- **Alignment and Consistency Across Book, Labs, and Assessment:** The book, labs, and assessment all work together with a similar approach and voice ensuring that instructors and students have a cohesive "single-sourced" solution for their Server+ courses. The presentation of course topics is supplemented with regular opportunities for hands-on labs, which are delivered through CertMaster Labs. Each lesson has exam-style multiple choice assessments, available through the CompTIA Learning Center. There is also a final assessment synthesizing concepts from all lessons.

- **Engaging Video Program:** Videos embedded within the lessons complement the instructional content by demonstrating key concepts and tasks in the course.

- **Robust Assessment:** Practice questions for each lesson and a final assessment covering all Lessons, more than 300 questions in total, are available in the CompTIA Learning Center to help students practice and demonstrate what they have learned.

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:
- **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 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. - **Transition Guides:** Documents designed to help users transition from SK0-004 to SK0-005 version of the content. Resources include: table of contents, course setup changes, exam mapping guide, activities and more.	- **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 that are organized by Lesson and Topic provide demonstrations of key activities and topics in the course. Videos can be shown in class to engage students or reviewed later to reinforce important topics. - **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.

CERTMASTER LEARN OVERVIEW

CertMaster Learn is a comprehensive eLearning experience that helps learners gain the knowledge and practical skills necessary to be successful on CompTIA certification exams, and in their IT careers.

When used in a classroom environment, CertMaster Learn empowers instructor and administrator success by providing easy-to-use course management tools, a comprehensive suite of instructor resources, and reporting and analytics options which make tracking individual student and group progress simple and efficient.

Content Updates for the CompTIA Server+ SK0-005 Exam
The content has been updated and revised to cover the CompTIA Server+ SK0-005 exam objectives. The courseware has been divided into a larger number of lessons and topics than the previous version of the course with the aim of restricting the size of each topic to no more than ten subject headings. By creating smaller chunks of reading, learners have an easier time reading and recalling the material. Learners are also presented with more opportunities to interact with the content and answer questions based on the reading. The course covers the server life cycle in the following themes:

- Server, virtualization, and security concepts (Lessons 1 - 3)
- Managing physical assets, server hardware, and storage configuration (Lessons 4 - 6).
- Installing, troubleshooting, and maintaining a server operating system (Lessons 7 - 9).
- Managing data security, service and data availability, and decommissioning servers (Lessons 10 - 12).

In addition, increased focus has been placed on the needs of virtualization in systems administration, and troubleshooting is covered throughout the course.

CERTMASTER LABS OVERVIEW

Graded Hands-on Practice with CertMaster Labs

CompTIA CertMaster Labs for Server+ (SK0-005) enable hands-on practice and skills development using real equipment and software accessed through a remote, browser-based lab environment. Aligned with Official CompTIA courseware and the CompTIA Server+ (SK0-005) exam objectives, CertMaster Labs make it easy for learners to practice and apply their skills in real workplace scenarios in preparation for the certification exam.

The labs within the Server+ course are modular (not dependent on each other) and can be completed in any order. Additionally, learners can save their work in the labs for 48 hours. This flexibility along with the short durations of 10-30 minutes allow for labs to be easily integrated in coursework.
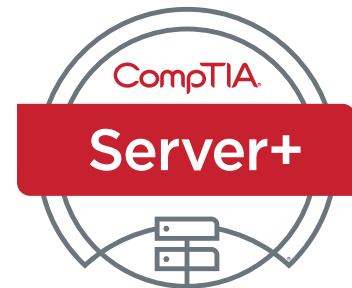
When integrated with CertMaster Learn, CertMaster Labs are displayed as Study Tasks within the CertMaster Learn Learning Plan. As a result, learners experience both knowledge acquisition and hands-on skills attainment through a single login and seamless workflow. View student and group lab scores in the CertMaster Learn Boost Dashboard and hold students accountable for lab work.

Graded Labs
All lab activities within the Server+ course include gradable assessments, offer feedback and hints, and provide a score based on learner inputs, providing an accurate assessment of a learner's ability to correctly and efficiently perform tasks. Instructors can view student performance with CertMasterLearn Integrations.

There are two types of labs in the course:
- **Assisted Labs** guide the learner step-by-step through tasks, offering assessment and feedback throughout a 10–15-minute experience, allowing the learner to correct any misunderstandings as they proceed through the activity.

- **Applied Labs** present a series of goal-oriented scenarios in a 20–30-minute experience covering multiple topics, scoring the learner's work at the end of the activity based on their ability to successfully complete each scenario. As a result, learners are forced to think critically about how to approach problems without a prescribed set of steps.

CertMaster Learn Integrated with CertMaster Labs
When integrated with CertMaster Learn, CertMaster Labs are displayed as Study Tasks within the CertMaster Learn Learning Plan. As a result, learners experience both knowledge acquisition and hands-on skills attainment through a single login and seamless workflow. Additionally, organizations who purchase the integrated course will be able to review student and group lab scores in the CertMaster Learn Boost Dashboard and hold students accountable for lab work.

ACCESSIBILITY

CompTIA strives to meet WCAG 2.0 AA compliance for CertMaster Learn and Practice. This includes the following accessibility features: keyboard navigation, alt-tags for images, captions for videos, screen reader compatibility, and adherence to color contrast guidelines.

COURSE OVERVIEW

CompTIA Server+ SK0-005 certifies individuals who securely administer physical and virtual servers. This exam will certify that the successful candidate has the knowledge and skills required to:

- Install, configure and manage server hardware and server operating systems
- Implement proper server hardening and security controls
- Successfully troubleshoot common server problems
- Demonstrate an understanding of key disaster recovery, high availability and backup concepts

The Server+ exam covers four major domains:
- Server Hardware Installation & Management (18%)
- Server Administration (30%)
- Security & Disaster Recovery (24%)
- Troubleshooting (28%)

JOB ROLES

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

CompTIA.
Server+

COURSE OUTLINE

To view the course outline for Server+ (SK0-005) visit:

https://s.comptia.org/3fn7Ctd

TABLE OF CONTENTS

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.

CompTIA.