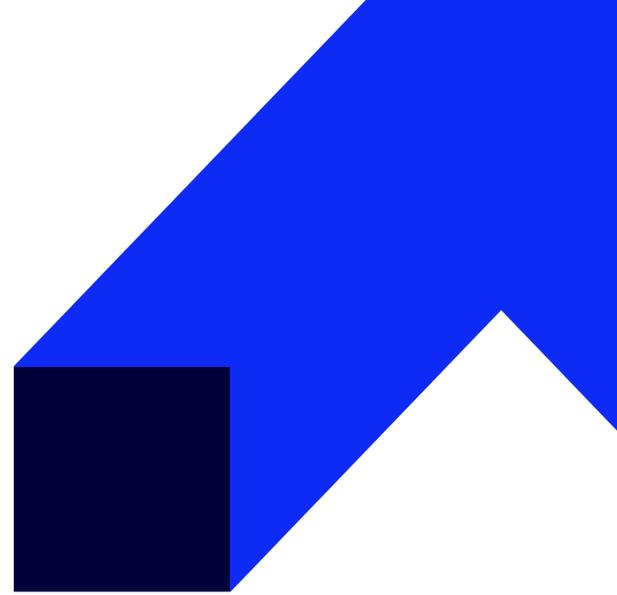


# CompTIA Server+

## Authorized training with SK0-005 exam



The **CompTIA Server+** training is a comprehensive introduction to administering and managing server environments in modern IT infrastructure. The program is designed for individuals who want to gain practical knowledge and skills required to install, configure, maintain, and secure servers in on-premises and hybrid environments.

During the training, participants will explore key topics related to server hardware architecture, virtualization, storage, server operating systems, networking, and high availability. An important part of the program also includes troubleshooting and diagnostics, automation of basic administrative tasks, and implementing best practices in security and business continuity.

The training prepares participants for the **CompTIA Server+** certification exam, which validates practical server administrator skills regardless of the technology vendor. This certification is highly valued in the job market and represents a solid step forward in a career in IT infrastructure, systems administration, and technical support.

It is an ideal choice for system administrators, IT support specialists, data center technicians, and anyone planning to develop their career in server infrastructure management.



### Training recipients

**CompTIA Server+** is designed for professionals working in data centers and on-premises or hybrid

environments who want to develop skills in server installation, management, and troubleshooting. This training covers key areas such as server hardware, administration, security, disaster recovery, and troubleshooting. **CompTIA Server+** equips you with the practical skills necessary to excel in server operations and advance your career in server management.



## Benefits

During the course, participants will gain the ability to:

- Install physical hardware, configure storage solutions, and perform server hardware maintenance for installation and management purposes.
- Manage server operating systems, configure network services, implement high availability, and leverage virtualization technologies for effective server administration.
- Implement server hardening techniques, data security measures, and develop disaster recovery and backup strategies to enhance security and resiliency.
- Diagnose and troubleshoot hardware, software, connectivity, storage, and security issues using effective troubleshooting methodologies.



## Training program

### 1. Server Hardware Installation and Management

- Installing physical hardware: racks, cabling, power, and cooling management.
- Implementing and managing storage: RAID levels, shared storage, and capacity planning.
- Performing hardware maintenance: out-of-band management, firmware updates, and hot-swappable component replacement.

### 2. Server Administration

- Installing server operating systems: partition types, file systems, and installation methods.
- Configuring network services: IP addressing, DNS, DHCP, and VLANs.
- Managing server functions: roles, monitoring, data migration, and performance metrics.
- High availability: clustering, load balancing, and failover processes.
- Virtualization: host vs. guest, resource allocation, and cloud models.
- Scripting basics: loops, variables, and common administrative tasks.
- Documentation, lifecycle management, and secure data storage.

### 3. Security and Disaster Recovery

- Data security: encryption, retention policies, and lifecycle management.
- Physical security: access control, environmental controls, and biometric systems.
- Identity and access management: user accounts, multi-factor authentication, and permissions.
- Breach mitigation strategies: malware prevention, DLP, and SIEM.

- Server hardening: OS updates, disabling unused services, and host security.
- End-of-life server security: media destruction, recycling, and asset management.

#### 4. Troubleshooting

- Hardware troubleshooting: power issues, storage failures, and connectivity problems.
- Software troubleshooting: operating system errors, application issues, and patching problems.
- Network troubleshooting: latency, misconfigurations, and security breaches.
- Disaster recovery: backup strategies, recovery testing, and failover validation.



### Expected preparation of the participant

Familiarity with topics covered in **CompTIA A+** (or equivalent knowledge) and at least two years of hands-on experience working in a server environment.



### Training Includes

- 5 days of work with a trainer
- Trainer supervision
- Community contact
- Authorized materials – ebook
- Laboratory environment for self-work – valid for 12 months.
- Exam voucher: CompTIA Server+ SK0-005

Training method:

- Lecture
- Workshop ((one-year access to self-study)



### Language

Language: English

Materials: English

### Examination method

Exam SK0-005 (CompTIA Server+) conducted at an authorized Pearson VUE testing center.

## Duration

5 days / 35 hours

## Examination description

- Exam version: V5
- Exam series code: SK0-005
- Launch date: May 18, 2021
- Number of questions: maximum of 90 questions, multiple choice and performance-based
- Length of test: 90 minutes
- Passing score: 750 (on a scale of 100-900)