

# CompTIA Server+

## What is it?

CompTIA Server+ is a global certification that validates the hands-on skills of IT professionals who install, manage and troubleshoot servers in data centers as well as on-premise and hybrid environments.

## Why is it different?

- CompTIA Server+ is the only certification that can ensure that IT professionals at the administrator level are able to do the job in any environment because it is the only certification not restricted to a single platform.
- CompTIA Server+ covers essential hardware and software technologies of on-premise and hybrid server environments including high availability, cloud computing and scripting.
- CompTIA Server+ includes performance-based questions that require the candidate to demonstrate multi-step knowledge to securely deploy, administer and troubleshoot servers.

## About the exam

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%)






## What's in this Version?

CompTIA Server+ continues to validate skills needed to manage physical and virtualized servers, while reflecting the increasing industry adoption of cloud-based solutions. The major changes from the prior version include:

- Automation, scripting and virtualization to optimize server management
- On-premise and hybrid server environments to accommodate both enterprise and small business needs
- Performance-based questions that assess a candidate's hands-on technical ability
- Server administration and troubleshooting servers, both on-premise and remotely
- Cloud computing as it applies to server administration and maintenance

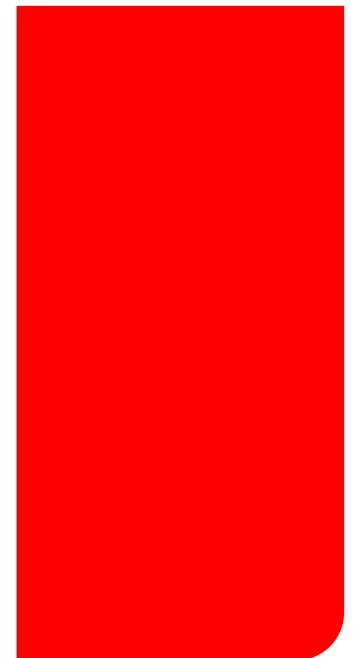
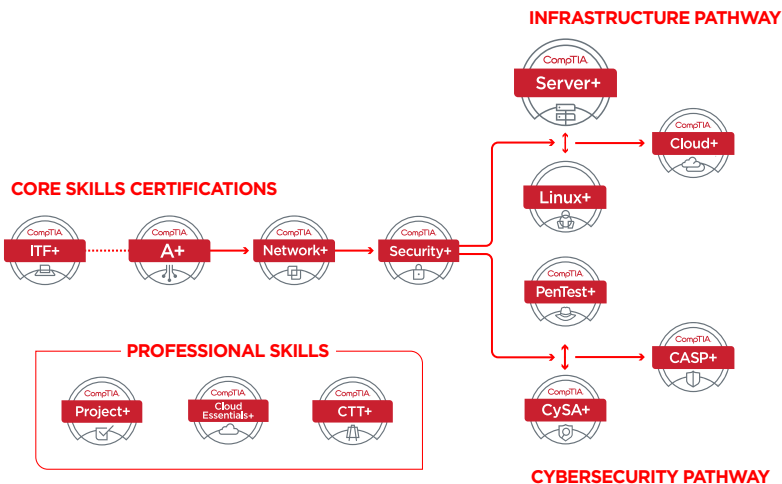
The new Server+ SK0-005 objectives streamline outdated content, while ensuring a continued emphasis on the technical implementation of the job role.

## How does CompTIA Server+ Compare to Alternatives?

|                         |  |           |  |
|-------------------------|---|---|---|
| <b>Certification</b>    | <b>CompTIA Server+</b>  | <b>Dell EMC Certified Associate</b>   | <b>CCNA</b>   |
| <b>Exam Length</b>      | 1 exam, 90 min.   | 60 questions, 90 minutes  | 1 exam, 90 minutes  |
| <b>Experience Level</b> | Early career  | Early career  | Early career  |
| <b>Exam Focus</b>       | Focuses on multivendor products and implementations, based on industry standards  | Verifies the fundamental knowledge and skills in the area of Dell EMC DCA-PowerEdge servers | Job role based. Networking for Cisco products & solutions                           |
| <b>Pre-requisites</b>   | Recommended CompTIA A+ and at least 18 months of IT experience                    | None  | 1-3 years experience  |
| <b>Vendor Neutral</b>   | Yes   | No  | No  |

## CompTIA Certification Pathway

CompTIA certifications align with the skillsets needed to support and manage IT infrastructure. Enter where appropriate for you. Consider your experience and existing certifications or course of study.



## Technical Areas Covered in the Certification

|   |   |
|---|---|
| <p style="text-align: center;">Server Hardware Installation &amp; Management<br/><b>18%</b></p> <ul style="list-style-type: none"><li>• Install physical hardware</li><li>• Deploy and manage storage</li><li>• Perform server hardware maintenance</li></ul> | <p style="text-align: center;">Server Administration<br/><b>30%</b></p> <ul style="list-style-type: none"><li>• Install server operating systems</li><li>• Configure servers to use network infrastructure services</li><li>• Configure &amp; maintain server functions and features</li><li>• Explain the key concepts of high availability for servers</li><li>• Summarize the purpose and operation of virtualization</li><li>• Summarize scripting basics for server administration</li><li>• Explain the importance of asset management and documentation</li><li>• Explain licensing concepts</li></ul> |
|---|---|

|   |   |
|---|---|
| <p style="text-align: center;">Security &amp; Disaster Recovery<br/><b>24%</b></p> <ul style="list-style-type: none"><li>• Summarize data security concepts</li><li>• Summarize physical security concepts</li><li>• Explain important concepts pertaining to identity and access management for server administration</li><li>• Explain data security risks and mitigation strategies</li><li>• Apply server hardening methods</li><li>• Summarize proper server decommissioning concepts</li><li>• Explain the importance of backups and restores</li><li>• Explain the importance of disaster recovery</li></ul> | <p style="text-align: center;">Troubleshooting<br/><b>28%</b></p> <ul style="list-style-type: none"><li>• Explain the troubleshooting theory and methodology</li><li>• Troubleshoot common hardware failures</li><li>• Troubleshoot storage problems</li><li>• Troubleshoot common OS and software problems</li><li>• Troubleshoot network connectivity issues</li><li>• Troubleshoot security problems</li></ul> |
|---|---|

## Organizations that contributed to the development of CompTIA Server+

- Microsoft
- Wells Fargo
- AECOM
- General Mills
- U.S. Navy

## Research and Statistics

**Salary** Average salary for a Server+ certified IT professionals is about \$82,000.<sup>1</sup>

The Systems Administrator salary range is \$48,870 to \$127,610 with a median annual wage of \$79,700. (U.S. Bureau of Labor Statistics)

“It all boils down to certification being an internationally recognized credential. If you can put that on your resume, you’ll have a competitive advantage.”

### Mark Milton

Director of People Services, Goodwill Industries

---

#### \* What does it mean to be a “high stakes” exam?

An extraordinarily high level of rigor is employed in developing CompTIA certifications. Each question created for a CompTIA exam undergoes multiple layers of quality assurance and thorough psychometric statistical validation, ensuring CompTIA exams are highly representative of knowledge, skills and abilities required of real job roles. This is why CompTIA certifications are a requirement for many professionals working in technology. Hiring managers and candidates alike can be confident that passing a CompTIA certification exam means competence on the job.

#### \* What does it mean to be a “vendor-neutral” exam?

All CompTIA certification exams are vendor-neutral. This means each exam covers multiple technologies, without confining the candidate to any one platform. Vendor-neutrality is important because it ensures IT professionals can perform important job tasks in any technology environment. IT professionals with vendor-neutral certifications can consider multiple solutions in their approach to problem-solving, making them more flexible and adaptable than those with training in just one technology.

#### \* What is a Performance Certification?

CompTIA performance certifications validate the skills associated with a particular job or responsibility. They include simulations that require the test taker to demonstrate multi-step knowledge to complete a task. CompTIA has a higher ratio of these types of questions than any other IT certifying body.

1. <http://www.globalknowledge.com/training/generic.asp?pageid=3640&country=United+States>