



CompTIA Server+ (SK0-004)

Partner Webinar – March 15, 2016

CompTIA®



This exam will certify that the successful candidate has the knowledge and skills required to build, maintain, troubleshoot, secure and support server hardware and software technologies, including virtualization.

Server+ Recommended Worldwide

- More than **37,000** Server+ certified IT professionals worldwide
- Chosen by professionals at companies such as:
 - Dell
 - HP
 - IBM
 - Intel
 - Lenovo
 - Microsoft
 - CDW Computer Centers
 - CompuCom



Career Advancement for IT Professionals

Experience

- 18-24 months of IT experience
- A+ certification recommended but not required

Job Roles

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

Server+ Exam Details

Exam Requirement

- 1 certification exam

Exam Numbers

- SK0-004

Exam Format

- Multiple choice
- 90 minutes
- 100 questions per exam

Recommended Exp.

- 18-24 month IT experience
- A+ Certification

Languages

- English Simplified Chinese
- Japanese

Changes from previous exam



- The main differences between CompTIA Server+ SK0-003 and Server+ SK0-004 are the following:
 - Updated terms and technologies in the server technology field.
 - More hands-on experiences such as installing, configuring, implementing, managing and troubleshooting.
- Technologies and trends such as virtualization, data centers, software-defined networking, security risks and network attached storage improvements are dramatically changing the server environment. The rise of virtualization is turning many IT departments to data centers.

Changes from previous exam (cont'd)



- Some of the key changes include:
 - **Virtualization** – virtual servers require unique skills to install and run them on remote hardware, such as cloud based servers.
 - **Storage** - more storage to reflect the growth of Network Attached Storage (NAS), which is much easier to setup and maintain than Storage Area Networks (SAN).
 - **Security** – inclusion of the most recent security knowledge, including physical security controls, new threats, and tools to help combat these threats.
 - **Software-Defined Networking and the Cloud** – updates that reflect the ubiquity of cloud computing and the increasing complexity and challenges of server networks.
 - **Troubleshooting** – an expanded troubleshooting section to help validate a server professional’s practical knowledge in identifying and solving server-related problems

Server+ Objective Domains




Server+ Objectives in More Detail

- Visit the CompTIA YouTube site for a video of the specific objectives
 - <https://www.youtube.com/watch?v=r7Sflc9TpkQ>



Server+ Objectives in More Detail (Cont'd)

- Visit the CompTIA Certification site for the list of exam objectives (PDF)
 - <https://certification.comptia.org/certifications/server>



The image shows two overlapping browser windows from the CompTIA website. The background window displays the main page for 'CompTIA Server+ Certification Exam Objectives' with the exam number 'SKO-004'. The foreground window shows a detailed view of objective 3.0, 'Storage', which is highlighted in green. The objective text reads: 'Given a scenario, install and deploy primary storage devices based on given specifications and interfaces.' Below this, there are three columns of sub-objectives: 'Disk specifications' (RPM, Dimensions/form factor, Capacity, Bus width, IOPS), 'Seek time and latency' (Hotswap vs. non-hotswap components), and 'Interfaces' (SAS, SATA, SCSI). A second objective, 'Given a scenario, configure RAID using best practices.', is also visible below, with sub-objectives including RAID levels and performance considerations, Software vs. hardware RAID, and RAID configuration specifications.

CompTIA Server+ Certification Exam Objectives

EXAM NUMBER: SKO-004

3.0 Storage

Given a scenario, install and deploy primary storage devices based on given specifications and interfaces.

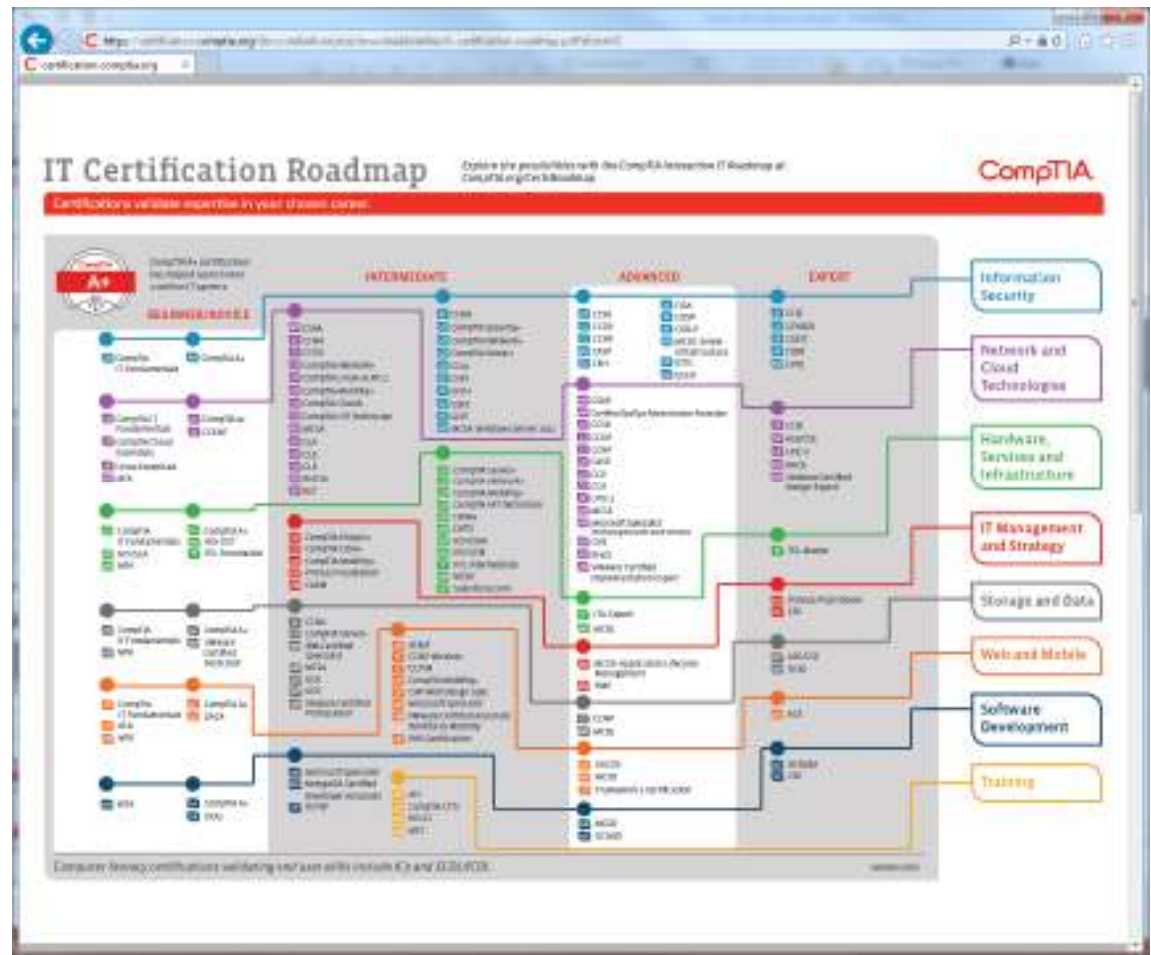
- Disk specifications
 - RPM
 - Dimensions/form factor
 - Capacity
 - Bus width
 - IOPS
- Seek time and latency
 - Hotswap vs. non-hotswap components
- Interfaces
 - SAS
 - SATA
 - SCSI
- USB
 - Fibre channel
 - Hard drive vs. SSD

Given a scenario, configure RAID using best practices.

- RAID levels and performance considerations
 - 0
 - 1
 - 5
 - 6
- Software vs. hardware RAID
 - Performance considerations
- RAID configuration specifications
 - Capacity
 - Bus types
 - Drive RPM
- Hot spare vs. cold spare
 - Array controller
 - Memory
 - Battery backed cache
 - Redundant controller

Server+ Career Pathway

- Obtaining CompTIA Server+ can open the door to other certification opportunities
 - Server+ is an elective for Microsoft MCSA and for the HP AIS/AIP Server certification programs
 - Cisco Certifications
- CompTIA IT Certification Roadmap
 - CompTIA.org/CertsRoadmap



Server+ Training Content



WILEY

Partner Marketing & Sales Tools

Marketing Resource Center



Product Collateral



Sales Guides

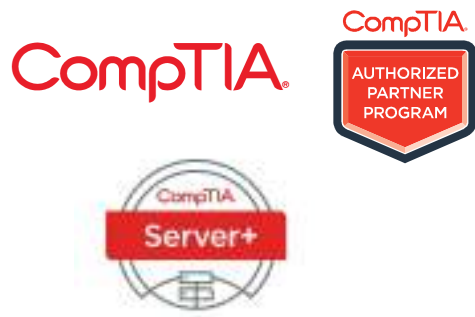
Presentations / Webinars



Sales Resource Center



Logo & Brand Guidelines



Case Studies & Testimonials



Thank you.