



CompTIA Server+

Prepare for the Server+ certification (SK0-003) and validate your skills in supporting and maintaining server technology.

In this course, you will gain the skills needed to build, maintain, troubleshoot, and support hardware and software technology. A CompTIA Server+ certification will validate your knowledge of server issues and technology, including disaster recovery. You will build solid, foundational knowledge of the different types of server hardware and best practices and procedures for setting up and maintaining the technology. Companies such as Dell, HP, IBM, Lenovo, and Xerox recommend or require the Server+ certification for their server technicians.

The 90-minute, 100-question Server+ exam (SK0-003) covers the following domains:

- Hardware
- Software
- Storage
- IT Environment
- Disaster Recovery
- Troubleshooting

What You'll Learn

- Comply with disaster recovery and physical/software security procedures
- Industry terminology and concepts
- Server roles, specializations, and interaction within the overall computing environment

Who Needs to Attend

- Network administrators, network engineers, systems engineers, security analysts, and web site administrators
- Established IT professionals who wish to acquire job skills and train specifically to pass the CompTIA Server+ certification exam

Prerequisites

- CompTIA A+ certification is recommended
- 18 to 24 months experience in server technology

Follow-On Courses

There are no follow-ons for this course.

Course Outline

1. System Hardware

- System board types, features, components, and their purposes
- Deploying different chassis types and the appropriate components
- Differentiating between memory features/types and selecting appropriate memory
- Importance of a Hardware Compatibility List (HCL)
- Differentiating between processor features/types and selecting the appropriate processor
- Installing appropriate expansion cards into a server while taking fault tolerance into consideration
- Installing, updating, and configuring appropriate firmware

2. System Software

- Installing, deploying, configuring, and updating NOS (Windows / *nix)
- NOS security software and its features
- Implementing and administering NOS management features based on procedures and guidelines

3. Server Functions and Network Essentials

- Different server roles, their purpose and how they interact
- Server virtualization concepts, features, and considerations
- Common elements of networking essentials

4. Storage

- RAID technologies and its features and benefits
- Selecting the appropriate RAID level
- Installing and configuring different internal storage technologies
- Purpose of external storage technologies

5. IT Environment

- Writing, utilizing, and maintaining documentation, diagrams, and procedures
- Purpose of industry best practices
- Appropriate physical environment for the server location
- Implementing and configuring different methods of server access
- Classifying physical security measures for a server location

6. Disaster Recovery

- Comparing and contrasting backup and restoration methodologies, media types, and concepts
- Comparing and contrasting the different types of replication methods
- Data retention and destruction concepts
- Basic steps of a disaster recovery plan

7. Troubleshooting

- Troubleshooting theory and methodologies;
- Troubleshooting hardware problems
- Troubleshooting software problems.

8. Network and Storage Troubleshooting

- Diagnosing network problems
- Troubleshooting storage problems

Further Information:

For More information, or to book your course, please Call/Email us on - +254 713 027 191

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