

CompTIA Server+

1. Server Architecture

- a. Purpose and function of server form factors
- b. Install, configure and maintain server components
- c. Compare and contrast power and cooling components

2. Server Administration

- . Install and configure server operating systems
 - a. Compare and contrast server roles and requirements for each
 - b. Use access and control methods to administer a server
 - c. Perform proper server maintenance techniques
 - d. Importance of asset management and documentation
 - e. Purpose and operation of virtualization components

3. Storage

- . Install and deploy primary storage devices based on given specifications and interfaces
 - a. Configure RAID using best practices
 - b. Hardware and features of various storage technologies
 - c. Calculate appropriate storage capacity and plan for future growth

4. Security

- . Compare and contrast physical security methods and concepts
 - a. Apply server hardening techniques
 - b. Basic network security systems and protocols
 - c. Implement logical access control methods based on company policy
 - d. Implement data security methods and secure storage disposal techniques
 - e. Implement proper environmental controls and techniques

5. Networking

- . Configure servers to use IP addressing and network infrastructure services
 - a. Compare and contrast various ports and protocols
 - b. Install cables and implement proper cable management procedures

6. Disaster Recovery

- . Importance of disaster recovery principles
 - a. Implement appropriate backup techniques

7. Troubleshooting

- . Troubleshooting theory and methodologies
 - a. Troubleshoot hardware problems and appropriate tools and methods
 - b. Troubleshoot software problems and appropriate tools and methods
 - c. Diagnose network problems and appropriate tools and methods
 - d. Troubleshoot storage problems and appropriate tools and methods
 - e. Diagnose security issues and appropriate tools and methods