

CompTIA Server+ (Exam SK0-005), Videos & Skill Labs Set

Course Specifications

Course Number: ACI77-010VL_rev1.0

Video and Lab Length: Approximately 31 hours, 39 minutes

Course Introduction

This course is designed to build Server+ (SK0-005) aligned server administration skills through guided practice, these labs progress from OS installation and infrastructure configuration to storage, backup, virtualization, hardening, physical security, licensing, and troubleshooting—making them ideal for server operations and certification pathways.

Video Enhanced Learning

(13h 39m * 4 Modules * 44 Episodes)

We've enhanced select lab sets with targeted video content to strengthen student readiness and improve lab success. With focused video learning, students get reinforcement of core concepts before they enter the lab, giving them the confidence and context needed to apply skills effectively. Support diverse learning styles, improve lab readiness, and drive stronger outcomes across today's most in-demand skills.

Video Topics

1. Overview
2. Server Components
3. Server Racks and Power
4. Network Cabling and Connections
5. Storage Drive and Interfaces Types
6. Shared Storage
7. Storage Fault Tolerance
8. Server Management and Maintenance
9. Server Operating System Requirements
10. Partitioning and File Systems
11. Server OS Installation
12. Server Network Configuration

Course Outline

13. Configure Server Roles and Features
14. Server Storage Management
15. Data Migration and Transfer
16. Server Monitoring
17. High Availability Concepts
18. Virtualization
19. Cloud Technologies
20. Scripting Basics
21. Asset Management
22. Documentation Management
23. Policy and Procedures
24. Licensing Concepts
25. Data Security
26. Physical Security
27. Users and Group Management
28. Identity and Access Management
29. Access Control
30. Data Security Risks and Mitigations
31. Server Hardening
32. Server Decommissioning
33. Media Destruction
34. Server Backup and Restoration
35. Disaster Recovery Concepts
36. Host Security and Patching
37. Server Backup Methods
38. Troubleshooting Methodology
39. Hardware Components
40. System Crashes and Lockups
41. Storage Issues and Tools
42. OS Issues and Tools
43. Network Issues and Tools
44. Security Issues and Tools

Skill Labs

(18h * 18 Labs)

A **skills lab** is a guided, hands-on learning environment that allows students to practice real-world tasks in a safe, virtual setting. Instead of simply reading or watching videos, learners actively do the work—navigating realistic scenarios, applying concepts, troubleshooting issues, and building confidence through practical experience. This ensures that theory becomes usable skill. Skill labs are essential for developing true workplace readiness because they mirror real systems, tools, and challenges, helping learners bridge the gap between knowledge and performance. By completing a skills lab, students gain the hands-on competence employers expect and are better prepared for both assessments and real job responsibilities.

Skill Labs Topics

1. Server Operating Systems Installation Methods (SK0-005)
2. Server Network Infrastructure Configuration (SK0-005)
3. Installing and Configuring Server Roles and Features (SK0-005)
4. Server Identity and Access Management (SK0-005)
5. Deploying and Managing Server Storage (SK0-005)
6. Implementing a Backup and Restore Solution (SK0-005)
7. Automation of Server Administration Using Scripts (SK0-005)
8. Server Virtualization Concepts (SK0-005)
9. Configuring Server High Availability (SK0-005)
10. Server and Application Hardening Techniques (SK0-005)
11. Server Hardware Components (SK0-005)
12. Securing a Physical Server Infrastructure (SK0-005)
13. Server Hardware Maintenance (SK0-005)
14. Server Licensing Concepts (SK0-005)
15. Data Security Concepts (SK0-005)
16. Troubleshooting Server Storage Related Issues (SK0-005)
17. Server Operating Systems Troubleshooting Techniques (SK0-005)
18. Troubleshooting Network Connectivity Issues (SK0-005)