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CompTIA

CERTIFICATIONS

- CompTIA A+
- CompTIA Network+
- CompTIA Security+
- CompTIA Linux+



PROGRAMME GUIDE



OVERVIEW

CompTIA certifications validate your skills and qualifications in the job roles and technologies that comprise the modern IT workforce. CompTIA offers a comprehensive certification program for IT professionals of all skill and experience levels, however it is best known for its entry-level and intermediate certificates. CompTIA's A+ and Network+ certifications are hiring requirements for a wide range of entry-level IT jobs, as well as prerequisites and electives in the advanced certification paths of leading technology vendors, such as Microsoft, Cisco and IBM. CompTIA certifications are among the most trusted credentials in the IT industry because they accurately reflect employee success. CompTIA engages international focus groups and IT thought-leaders from around the world to define its certification programs and create CompTIA certification exams. CompTIA certification contributors come from the public and private sectors, academia and the government. CompTIA's vendor neutral certifications are recognized worldwide as a trusted indicator of competence in the IT field.

BENEFITS OF COMPTIA CERTIFICATIONS FOR INDIVIDUALS

- CompTIA certifications lead to new and rewarding IT career opportunities.
- CompTIA certifications afford increased job security in your current position.
- CompTIA certified professionals gain respect and credibility in the IT workplace.
- CompTIA certifications open the door to lucrative government and military technology positions.
- Earning CompTIA certifications proves to hiring managers that you are dedicated to advancing your IT career.
- CompTIA certifications are requirements in the

certification programs of leading vendors like Microsoft, IBM & Cisco

BENEFITS OF COMPTIA CERTIFICATIONS FOR BUSINESSES

- Hiring CompTIA certified workers leads to higher customer satisfaction.
- Businesses with CompTIA certified employees boast increased productivity.
- Companies employing CompTIA certified professionals have lower employee turnover.

COMPTIA A+ CERTIFICATION

A+ Certification

IT success stories start with CompTIA A+ certification. It validates understanding of the most common hardware and software technologies in business and certifies the skills necessary to support complex IT infrastructures. CompTIA A+ is a powerful credential that helps IT professionals worldwide ignite their IT career.

CompTIA A+ 220-901 covers PC hardware and peripherals, mobile device hardware, networking and troubleshooting hardware and network connectivity issues. **CompTIA A+ 220-902** covers installing and configuring operating systems including Windows, iOS, Android, Apple OS X and Linux. It also addresses security, the fundamentals of cloud computing and operational procedures.

Required Exam: 2

CompTIA A+ 220-901
CompTIA A+ 220-902

Overview

Held by over 1 million IT professionals worldwide, CompTIA A+ is the most essential IT certification for establishing an IT career. If you're new to the IT industry, this will help you put your best foot forward. And if you're already an IT professional, the CompTIA A+ certification validates your skills and can boost your career.

A+ is comprehensive and vendor-neutral
A+ certified professionals have mastered the technologies found in today's extensive and varied IT environments, from mobile to traditional devices and operating systems. They can confidently handle the most challenging technology problems more efficiently.

A+ validates foundational skills
A+ establishes best practices in troubleshooting, networking and security across a variety of devices to set the stage for IT careers. The certification also matches professional tech skills with communication skills.

A+ is trusted by employers
As businesses and governments worldwide continue to adopt mobile and cloud technology, they trust A+ certified professionals to keep their devices running and organizations working smoothly.

A+ is globally recognized and accredited
A+ carries ISO/ANSI accreditation status. You can trust that the rigorous development process of the A+

certification objectives and exams follows international standards of quality assurance.
A+ is industry supported
A+ is developed and maintained by leading IT experts.
Content for the exams stems from a combination of industry-wide survey feedback and contributions from our team of subject matter experts.

Jobs that use CompTIA A+

Technical support specialist
Field service technician
IT support technician
IT support administrator
IT support specialist

CompTIA A+ 220-901 covers PC hardware and peripherals, mobile device hardware, networking and troubleshooting hardware and network connectivity issues.

CompTIA A+ 220-901 Course Outline

Module 1.0 Hardware
Module 2.0 Networking
Module 3.0 Mobile Devices
Module 4.0 Hardware and Network Troubleshooting

CompTIA A+ 220-902 covers installing and configuring operating systems including Windows, iOS, Android, Apple OS X and Linux. It also addresses security, the fundamentals of cloud computing and operational procedures.

CompTIA A+ 220-902 Course Outline

Module 1.0 Windows Operating Systems
Module 2.0 Other Operating Systems and Technologies
Module 3.0 Security
Module 4.0 Software Troubleshooting
Module 5.0 Operational Procedures

Course Name:	CompTIA A+
Batch Course Length:	20 days
Batch Course Availability:	1 st & 15 th of Every Month
Number of Exams:	2
Hours per day:	6hrs
Certifications:	CompTIA A+: 220-901 & 220-902
Training Locations:	Ilorin (Tanke & Geri-Alimi)
1-on-1 Course Length:	Students Determine
1-on-1 Training Location:	Ilorin (Unity) & Abuja (Maitama)

COMPTIA NETWORK+ CERTIFICATION

Network+ certification

The **CompTIA Network+** certification (Exam N10-006) is an internationally recognized validation of the technical knowledge required of foundation-level IT network practitioners.

This exam will certify that the successful candidate has the knowledge and skills required to troubleshoot, configure, and manage common network wireless and wired devices, establish basic network design and connectivity, understand and maintain network documentation, identify network limitations and weaknesses, and implement network security, standards, and protocols. The candidate will have a basic understanding of emerging technologies including unified communications, mobile, cloud, and virtualization technologies.

CompTIA Network+ is accredited by ANSI to show compliance with the ISO 17024 Standard and, as such, undergoes regular reviews and updates to the exam objectives.

Required Exam: 1

Prerequisites

It is recommended for CompTIA Network+ candidates to have the following:
CompTIA A+ certification or equivalent knowledge, though CompTIA A+ certification is not required.
Have at least 9 to 12 months of work experience in IT networking.

CompTIA Network+ Course Outline

Module 1.0 Network architecture
Module 2.0 Network operations
Module 3.0 Network security
Module 4.0 Troubleshooting
Module 5.0 Industry standards, practices, and network theory

Course Name:	CompTIA Network+
Batch Course Length:	15 days
Batch Course Availability:	1 st & 15 th of Every Month
Number of Exams:	1
Hours per day:	6hrs
Certifications:	Exam N10-006
Training Locations:	Ilorin (Tanke & Geri-Alimi)
1-on-1 Course Length:	Students Determine
1-on-1 Training Location:	Ilorin (Unity) & Abuja (Maitama)

COMPTIA SECURITY+ CERTIFICATION

Security+ certification

The CompTIA Security+ Certification (**Exam SY0-401**) is a vendor neutral credential. The CompTIA Security+ exam is an internationally recognized validation of foundation-level security skills and knowledge, and is used by organizations and security professionals around the globe

CompTIA Security+ (Exam SY0-401) is the primary course you will need to take if your job responsibilities include securing network services, network devices, and network traffic. It is also the main course you will take to prepare for the CompTIA Security+ examination. In this course, you'll build on your knowledge and professional experience with computer hardware, operating systems, and networks as you acquire the specific skills required to implement basic security services on any type of computer network.

The CompTIA Security+ exam will certify that the successful candidate has the knowledge and skills required to identify risk, to participate in risk mitigation activities, and to provide infrastructure, application, information, and operational security. In addition, the successful candidate will apply security controls to maintain confidentiality, integrity, and availability, identify appropriate technologies and products, troubleshoot security events and incidents, and operate with an awareness of applicable policies, laws, and regulations.

Target Student

The CompTIA Security+ Certification is aimed at an IT security professional who has:
A minimum of 2 years' experience in IT administration with a focus on security
Day to day technical information security experience
Broad knowledge of security concerns and implementation

CompTIA Security+ Course Content

- 1.0 NETWORK SECURITY
- 2.0 COMPLIANCE AND OPERATIONAL SECURITY
- 3.0 THREATS AND VULNERABILITIES
- 4.0 APPLICATION, DATA AND HOST SECURITY
- 5.0 ACCESS CONTROL AND IDENTITY MANAGEMENT
- 6.0 CRYPTOGRAPHY

Course Name:	CompTIA Security+
Batch Course Length:	15 days
Batch Course Availability:	1 st & 15 th of Every Month
Number of Exams:	3
Hours per day:	6hrs
Certifications:	Exam SY0-401
Training Locations:	Ilorin (Tanke & Geri-Alimi)
1-on-1 Course Length:	Students Determine
1-on-1 Training Location:	Ilorin (Unity) & Abuja (Maitama)

COMPTIA LINUX+ CERTIFICATION

The CompTIA Linux+ certification, powered by LPI, is your onramp to a range of careers. It offers a framework for acquiring working knowledge of Linux for IT professionals working as junior-level system administrators, as well as those working in Web and software development. Linux is an essential skill for working in a variety of job roles in Web, systems and network administration.

Linux is everywhere in IT - it powers most of the world's supercomputers and a vast majority of Web servers, not to mention tens of millions of Android devices. It also forms the foundation of the popular LAMP development stack, making familiarity with it an essential skill for thousands of Web developers.

The CompTIA Linux+ [Powered by LPI] certification is a vendor neutral credential. In order to receive CompTIA Linux+ certification, a candidate must pass two exams.
CompTIA Linux+ Exam LX0-103
CompTIA Linux+ Exam LX0-104

Why CompTIA Linux+, powered by LPI?

Sets you apart from your competition
Certified professionals earn more than uncertified peers
Vendor-neutral and distribution-agnostic
Jobs that use CompTIA Linux+
Junior Linux administrator
Junior network administrator
Systems administrator
Linux database administrator
Web administrator

Prerequisites

The successful junior level Linux administrator should be able to:
Work at the Linux command line;
Perform easy maintenance tasks including assisting users, adding users to a larger system, executing backup & restore, shutdown & reboot;
Install and configure a workstation (including X) and connect it to a LAN, or a stand-alone PC via modem to the Internet.

CompTIA Linux+ Exam LX0-103 Course Content

101 System Architecture
102 Linux Installation and Package Management
103 GNU and Unix Commands
104 Devices, Linux Filesystems, Filesystem Hierarchy Standard

CompTIA Linux+ Exam LX0-104 Course Content

105 Shells, Scripting and Data Management
106 User Interfaces and Desktops
107 Administrative Tasks
108 Essential System Services
109 Networking Fundamentals
110 Security

Course Name:	CompTIA Linux+
Batch Course Length:	30 days
Batch Course Availability:	1 st & 15 th of Every Month
Number of Exams:	2
Hours per day:	6hrs
Certifications:	Exam LX0-103 and LX0-104
Training Locations:	Ilorin (Tanke & Geri-Alimi)
1-on-1 Course Length:	Students Determine
1-on-1 Training Location:	Ilorin (Unity) & Abuja (Maitama)