

Course Details – CompTIA Network+ Training

1.	Course Title	CompTIA Network+ Certification
2.	Type of Course	Technical
3.	Training Methodology	Classroom Visual/ Remote
4.	Skill Area	<ul style="list-style-type: none"> • Networking Concepts • Network Security • Infrastructure • Network Troubleshooting & Tools • Network Operations
5.	Duration (Days)	5 days / 40 hours
6.	Level of Certification	CompTIA Network+ Certification
7.	Certification Body (If Applicable)	CompTIA, the world's leading tech association, is a thought leader and an action leader. From our IT professional association to our leading certification programs, from our original research to our member communities and councils, our unparalleled programs set industry standards, foster skills development and generate knowledge and insight every day.
8.	Course Overview	<p>CompTIA Network+ has been updated and reorganized to address the current networking technologies with expanded coverage of several domains by adding:</p> <ul style="list-style-type: none"> • Critical security concepts to helping networking professionals work with security practitioners • Key cloud computing best practices and typical service models • Coverage of newer hardware and virtualization techniques • Concepts to give individuals the combination of skills to keep the network resilient
9.	Prerequisites	<ul style="list-style-type: none"> • SPM / STPM • Diploma / Degree or Equivalent <p>Regardless of whether you have passed A+, it is recommended that you have the following skills and knowledge before starting this course:</p> <ul style="list-style-type: none"> • Configure and support PC, laptop, mobile (smartphone / tablet), and print devices.

		<ul style="list-style-type: none"> • Know basic network terminology and functions (such as Ethernet, TCP/IP, switches, routers). • Configure and manage users, groups, and shared resources in a simple SOHO network. • Understand the use of basic access control measures, such as authentication, security policy, encryption, and firewalls. • Understand TCP/IP addressing, core protocols and troubleshooting tools.
10.	Course Objective	The Network+ Certification will teach you the fundamental principles of installing, configuring, and troubleshooting network technologies and help you to progress a career in network administration. It will prepare you to take the CompTIA Network+ exam by providing 100% coverage of the objectives and content examples listed on the syllabus.
11.	Learning Outcome	<ul style="list-style-type: none"> • Describe the features of different network protocols and products for LANs, WANs, and wireless networks. • Understand the functions and features of TCP/IP addressing and protocols. • Identify threats to network security and appropriate countermeasures and controls. • Install and configure network cabling and appliances. • Manage, monitor, and troubleshoot networks.
12.	Course content	<p>Topologies and Infrastructure</p> <ul style="list-style-type: none"> • Topologies and the OSI Model • Ethernet • Hubs, Bridges, and Switches • Infrastructure and Design <p>Addressing and Routing</p> <ul style="list-style-type: none"> • Internet Protocol • IPv4 Addressing • IPv6 Addressing • Routing <p>Troubleshooting and Management</p> <ul style="list-style-type: none"> • Transport Protocols • Name Resolution • Troubleshooting • Applications and Services • Management and Monitoring • Cloud and Virtualization <p>Installation</p> <ul style="list-style-type: none"> • Network Sites • Installing Cable

		<ul style="list-style-type: none"> • Installing Wireless Networks • WAN Technologies • Remote Access <p>Security</p> <ul style="list-style-type: none"> • Vulnerabilities and Threats • Security Appliances • Authentication • Incident Response • Change and Configuration Management
13.	Learning Activities	<ul style="list-style-type: none"> • Lecture • Practical Exercise • Case Studies • Learning Activities • Video Presentation
14.	Target Group	<p>Junior Network Administrator Network Field Technician System Engineer IS Consultant Network Field Engineer Network Support Specialist Network Analyst</p> <p>Industry: IT Industry</p>