CompTIA Network+ Certification Course

TRAINING

Connect the World: Elevate Your Network Skills

Online
Monday - Friday, August 19 - 23, 2024 | 9AM - 5PM EST

PUBLIC SECTOR NETWORK

Certified B Corporation

Connect the World: Elevate Your Network Skills

In an era where virtually every organisation relies on network connectivity, the demand for skilled network professionals has never been higher. The CompTIA Network+ certification is designed to meet this need, offering IT professionals a solid foundation in networking concepts, infrastructure, operations, security, and troubleshooting.

This certification equips candidates with the knowledge and skills needed to design, configure, manage, and troubleshoot any wired and wireless devices.

Covering a broad range of networking topics, the CompTIA Network+ ensures that professionals are prepared for the challenges of maintaining, securing, and optimizing networks. Earning the CompTIA Network+ certification not only validates your ability to handle real-world networking issues but also demonstrates your commitment to a career in network administration or support. With its emphasis on practical networking skills and up-to-date knowledge on the latest networking trends and technologies, Network+ is an essential credential for anyone looking to advance their career in IT infrastructure.

Whether you're starting your career in IT or looking to advance your existing networking knowledge, CompTIA Network+ provides a comprehensive pathway to success in a variety of network-related roles, making you a valuable asset to any organisation.

Who Attends

- Network Administrator
- Network Engineer
- Network Analyst
- IT Consultant
- System Administrator
- Help Desk Technician
- IT Support Specialist
- Network Support Technician
- Network Field Technician
- Junior Network Administrator
- Computer Technician
- Managed Service Provider Technician

Learning Objectives

- **Network Implementations:** Understand routing technologies and important factors of physical installations; configure switching technologies and wireless devices.
- **Network Operations:** Monitor and optimize networks to ensure business continuity.
- **Network Security:** Understand security concepts and network attacks to harden networks against threats.
- **Network Troubleshooting:** Explain the troubleshooting methodology and address common issues related to networking, including cable, connectivity, and software problems.

Why Attend

- Step up and advance your career in network implementation and operations
- Validate and build skills as a network professional (and or equivalent).
- Prepare for the CompTIA Network Plus Exam and the opportunity to gain an internationally recognised certification
- Equip yourself with the knowledge, skills, and credentials to stand out in a competitive job market and make a lasting impact.
- Build practical, hands-on skills to ensure that you're not just prepared to pass an exam, but also to implement real-world cybersecurity solutions.
- Instructor-led

Explore the Key Sessions

This program will be delivered across 5 days from August 19 to August 23, 2024, 9am to 5pm AEST with breaks for morning tea, lunch and afternoon tea.

CompTIA Network+ Modules Breakdown:

Networking Concepts
- Explain the purpose and functions of various network devices and the OSI model layers
- Understand and apply networking protocols, including TCP/IP
- Differentiate between types of network topologies and network services

Infrastructure
- Install and configure routers and switches
- Understand the different types of transmission media, including copper, fiber, and wireless
- Implement WAN technologies and network segmentation, such as VLANs

Network Operations
- Use network monitoring tools and analyze metrics to ensure performance and connectivity
- Manage network documentation and diagrams
- Understand disaster recovery principles, including backup and restore procedures

Networking Security
- Apply security best practices to network devices to protect data integrity
- Implement network security protocols and authentication methods
- Configure firewalls and intrusion detection/prevention systems to secure network traffic

Network Troubleshooting and Tools
- Troubleshoot common wired and wireless connectivity issues
- Address problems related to network services and protocols
- Resolve issues related to network hardware, including routers, switches, and media types

Pre-Requisites

Recommended experience:
- Completed the training for CompTIA A+, Core 1 and Core 2
- 1-2 years total IT experience with 9-12 months of hands-on experience working in a network support or network administration role
- Regardless of whether you have passed A+ or have hands-on experience, it is recommended that you have the following skills and knowledge before starting this course:
- Configure and support PC, laptop, mobile (smartphone / tablet), and print devices
- 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

Pricing for Public Courses

Early Bird 1	Early Bird 2	Standard
$2,590 CAD	$2,790 CAD	$2,990 CAD