CompTIA
Network+

CompTIA Network+ is a global IT certification validating candidates have the core skills necessary to establish, maintain, troubleshoot and secure networks regardless of technology or platform.

- **The only certification on the market aligned to job roles for early-career networking professionals.**
  Network+ is a crucial stepping-stone for early career professionals seeking a high-growth career in networking and cybersecurity, validating a wide range of practical skills needed to harden networks, deploy wired and wireless solutions, and ensure critical network availability.

- **Network+ exclusively validates vendor-neutral network management knowledge.**
  Network+ is the premier vendor-neutral IT infrastructure certification, validating the fundamental skills required for early-career networking job roles and preparing candidates to effectively manage and maintain modern network environments, including cloud, virtualization, and IoT.

- **The industry standard for establishing hands-on networking expertise across any environment.**
  Network+ aligns with global IT standards and best practices and proves early-career networking professionals have the hands-on and technical skills required to manage network connectivity in any environment, preparing them for the diverse challenges they can expect to face in their IT careers.

CompTIA Network+ represents the latest advancements in networking, covering the most in-demand skills related to network deployment, performance, security, troubleshooting and more. The CompTIA Network+ certification will certify that the successful candidate has the knowledge and skills required to:

- Establish network connectivity by deploying wired and wireless devices.
- Explain the purpose of documentation and maintain network documentation.
- Configure common network services.
- Explain basic data-center, cloud, and virtual-networking concepts.
- Monitor network activity and troubleshoot performance and availability issues.
- Implement network security hardening techniques.
- Manage, configure, and troubleshoot network infrastructure.

Exam #
N10-009

Release Date
June 20, 2024

Languages
English initially, with Japanese, German, Portuguese and Spanish to follow.

CE Required?
Yes

Accreditation
Accredited by ANSI to show compliance with the ISO 17024 Standard.

With over 3 million certifications granted in key tech domains, CompTIA's credentials reliably indicate professional competence.

How Does CompTIA Network+ Compare to Alternatives?

	CompTIA Network+	Cisco CCNA
Experience Level	Early Career	Early Career
Performance-based Questions	Yes	Yes
Vendor Neutral	Yes	No
Exam Length	1 exam with a maximum of 90 questions, 90 min	1 exam, 120 min
Exam Focus	Job role based. Covers networking technologies across all vendors & solutions.	Not job role based. Covers networking for Cisco products and solutions only.
Prerequisites	9-12 months in the IT networking field recommended	9-12 months in a junior networking role

Jobs That Use CompTIA Network+

- Junior Network Administrator
- NOC Technician
- Systems Administrator
- Datacenter Support Technician
- Telecommunications Technician
- IT Support Manager
- Tier II Support Technician

The great majority of candidates with IT certifications are more confident in their abilities (92%). Furthermore, most have more confidence to explore new job opportunities (81%).

PearsonVUE
2023 Value of IT Certifications Candidate Report; 2021 Value of IT Certification Employer Report

Organizations That Use CompTIA Network+

- Amazon
- Apple
- Best Buy
- Bloomberg
- Blue Cross Blue Shield
- Booz Allen Hamilton
- General Dynamics
- Microsoft
- Motorola
- Northrop Grumman
- Raytheon
- Ricoh
- Sony
- Verizon
- The United States Department of Defense

Technical Skills Covered in the Certification and Training

Networking Concepts 23%

- Explain concepts related to the Open Systems Interconnection (OSI) reference model.
- Compare and contract networking appliances, applications and functions.
- Summarize cloud concepts and connectivity options.
- Explain common networking ports, protocols, services and traffic types.
- Compare and contrast transmission media and transceivers.
- Compare and contrast network topologies, architectures and types.
- Given a scenario, use appropriate IPv4 network addressing.
- Summarize evolving use cases for modern network environments.

Network Implementations 20%

- Explain characteristics of routing technologies.
- Given a scenario, configure switching technologies and features.
- Given a scenario, select and configure wireless devices and technologies.
- Explain important factors of physical installations.

Network Operations 19%

- Explain the purpose of organizational processes and procedures.
- Given a scenario, use network monitoring technologies.
- Explain disaster recovery (DR) concepts.
- Given a scenario, implement IPv4 and IPv6 network services.
- Compare and contrast network access and management methods.

Network Security 14%

- Explain the importance of basic network security concepts.
- Summarize various types of attacks and their impact to the network.
- Given a scenario, apply network security features, defense techniques and solutions.

Network Troubleshooting 24%

- Explain the troubleshooting methodology.
- Given a scenario, troubleshoot common cabling and physical interface issues.
- Given a scenario, troubleshoot common issues with network services.
- Given a scenario, troubleshoot common performance issues.
- Given a scenario, use the appropriate tool or protocol to solve networking issues.

Nearly all IT managers (97%) recognize the value certified professionals bring to the organization such as boosting productivity, helping to meet client requirements and closing organizational gaps.

Skillsoft IT Skills & Salary Report 2022

Research and Statistics

Network+ is in Demand   U.S. employers posted nearly 38,000 job ads looking to hire candidates with Network+ certification over the last 12 months through October 2023.[1]

Well-Paying Positions   The median annual salary for Network Administrators is $90,520.[2]

Projected Job Growth   Demand for infrastructure skills continues to grow. There were 1.31 million workers employed in infrastructure roles in 2023. That is nearly 1 in 4, or 22% of all tech workers that are primarily in an infrastructure role, with growth projected through the next 10 years reaching about 1.47 million infrastructure workers by 2033.[3]

Training Available for CompTIA Network+

CompTIA CertMaster eLearning Solutions
First and foremost, CompTIA is an education company. We offer everything candidates need to get ready for their Network+ certification exam.

CompTIA eLearning solutions feature a diverse set of hands-on, interactive resources to promote the development of job-ready skills and give candidates the confidence they need for success in a technology career. Training developed by CompTIA offers options that fit various learning styles and timelines.

CertMaster Learn
CompTIA Certmaster Learn is a comprehensive eLearning solution with instructional lessons, videos, practice questions, hands-on simulations and performance-based questions designed to help candidates gain the knowledge and skills to be successful on their certification exam.

CertMaster Labs
CompTIA CertMaster Labs is a new stand-alone lab solution that enables hands-on practice and skills development through labs in both live and simulated environments, making it easy for candidates to practice and apply their skills in real world scenarios in preparation for the certification exam.

CertMaster Perform
CompTIA CertMaster Perform is a new eLearning solution, combining the best of both CertMaster Learn and CertMaster Labs offering a comprehensive eLearning experience that helps candidates gain knowledge and practical experience through instructional lessons and labs in both live and simulated environments.

CertMaster Practice
CompTIA CertMaster Practice is an adaptive online knowledge assessment and training companion tool that gauges preparedness for the certification exam and helps candidates identify and fill gaps in knowledge.

CertMaster CE
CompTIA CertMaster CE is a self-paced e-learning course that enables candidates to bridge knowledge gaps and acquire new expertise to match the requirements included in the most recent exam objectives.

Official CompTIA Study Guides

Official CompTIA Content (OCC) is the only study material exclusively developed by CompTIA for the CompTIA certification candidate; no other content library covers all exam objectives for all certifications.

CompTIA self-paced study guides are fully illustrated and packed with informative and accessible content that maps directly to Network+ exam objectives, ensuring candidates focus on what they need to know for the certification exam. Study guides are available in both eBook and print and are clearly structured and flexible so candidates can learn at any pace.

Instructor-led Training

Online instructor-led test preparation simulates the traditional classroom learning experience, training candidates on everything they need to know to pass their CompTIA certification exam. All CompTIA instructor-led courses are taught by our highly qualified CompTIA instructors. Each instructor holds the certification being taught and has real world IT experience. CompTIA instructors follow industry-standard IT training best practices to get results.

....

✱ What does it mean to be a "high stakes" exam?

An extraordinarily high level of rigor is employed in developing CompTIA certifications. Each question created for a CompTIA exam undergoes multiple layers of quality assurance and thorough psychometric statistical validation, ensuring CompTIA exams are highly representative of knowledge, skills and abilities required of real job roles. This is why CompTIA certifications are a requirement for many professionals working in technology. Hiring managers and candidates alike can be confident that passing a CompTIA certification exam means confidence on the job.

✱ What does it mean to be a "vendor-neutral" certification?

All CompTIA certifications are vendor neutral. This means each exam covers multiple technologies without confining the candidate to any one platform. Vendor neutrality is important because it ensures IT professionals can perform important job tasks in any technology environment. IT professionals with vendor-neutral certifications can consider multiple solutions in their approach to problem solving, making them more flexible and adaptable than those with training to just one technology.

CompTIA.