CompTIA
Network+

What is it?

CompTIA Network+ validates the technical skills needed to securely establish, maintain and troubleshoot the essential networks that businesses rely on.

Why is it different?

- Unlike other vendor-specific networking certifications, CompTIA Network+ prepares candidates to support networks on any platform. It provides the foundation you need to work on networks anywhere.
- CompTIA Network+ is the only certification that covers the specific skills that network engineers need. Other certifications are so broad, they don't cover the hands-on skills and precise knowledge needed to in today's networking environments.

About the exam

CompTIA Network+ N10-008 validates the skills required to implement enterprise-level wired and wireless network solutions; identify and troubleshoot network performance issues; and harden networks against threats to mitigate security vulnerabilities.

The major areas of emphasis include:
- IP addressing and connecting networks
- Wireless standards and technologies
- Network availability
- Securing and hardening networks
- Troubleshooting

The CompTIA Network+ exam covers five major domains.
- Networking Fundamentals (24%)
- Network Implementations (19%)
- Network Operations (16%)
- Network Security (19%)

N10-008

September 2021

English, Japanese
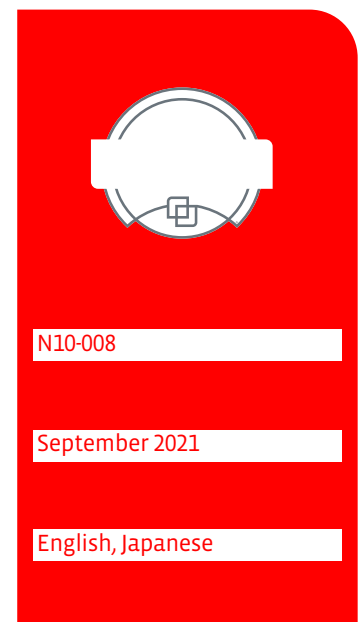
What's in this version?

The new CompTIA Network+ focuses on foundational networking tools and technologies used to create secure networks and guarantee the availability of critical business information.

New updates to the CompTIA Network+ exam domains:
- Network architecture appears on the exam for the first time, including software-defined networking, ensuring that candidates understand network integrations and the cutting-edge technologies being used in deployments.
- Emerging wireless standards and technologies are covered to allow businesses flexibility and maximal security when deploying networks.
- Because constant access to both internal networks and SaaS applications drives productivity, network performance monitoring and high availability are covered as separate objectives.
- Network security has been streamlined to focus on the critical aspects of hardening networks against malicious attacks and the secure execution of network deployments to protect against unintended data breaches.
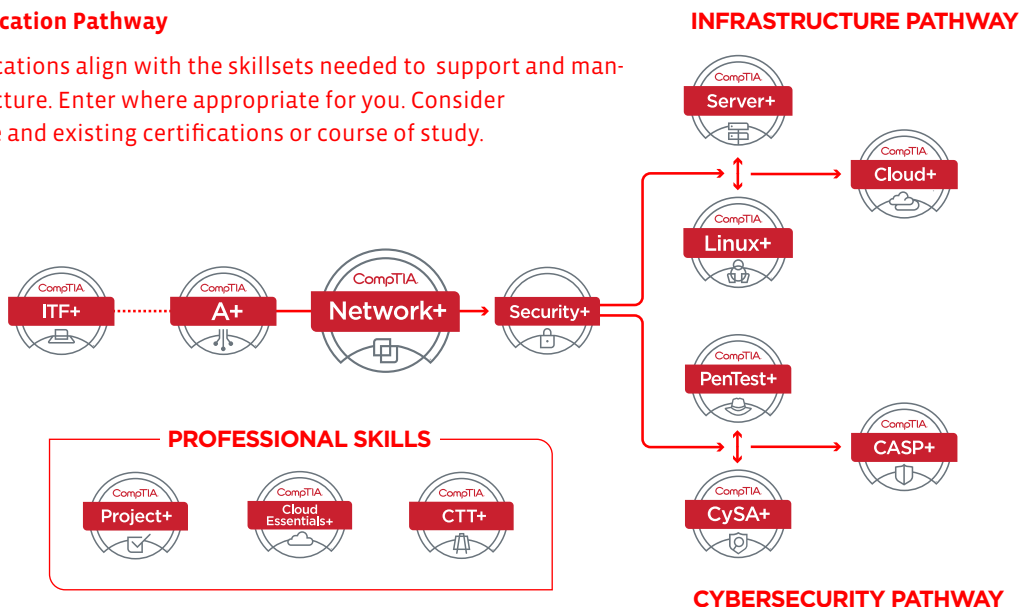
How does CompTIA Network+ Compare to Alternatives?

	CompTIA Network+	CCNA
Certification	CompTIA Network+	CCNA
Exam Length	1 exam, 90 min.	1 exam, 90 minutes
Experience Level	Early career	Early career
Exam focus	Covers networking technologies across all vendors & solutions	Job role based. Networking for Cisco products & solutions 1-3 years experience
Prerequisites	CompTIA A+ &/or a minimum of 9 months networking experience recommended	1-3 years experience
Vendor Neutral	Yes	No
Price	$338	$295
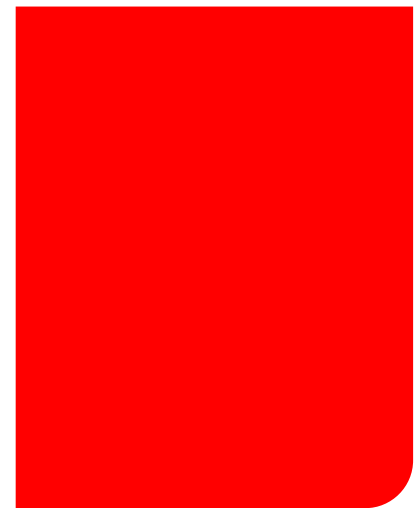
CompTIA Certification Pathway

CompTIA certifications align with the skillsets needed to support and manage IT infrastructure. Enter where appropriate for you. Consider your experience and existing certifications or course of study.

INFRASTRUCTURE PATHWAY

CompTIA Server+

CompTIA Cloud+

CompTIA Linux+

CompTIA ITF+ ········· CompTIA A+ → CompTIA Network+ → CompTIA Security+

CompTIA PenTest+

CompTIA CASP+

CompTIA CySA+

CYBERSECURITY PATHWAY

PROFESSIONAL SKILLS

CompTIA Project+

CompTIA Cloud Essentials+

CompTIA CTT+

Technical Areas Covered in the Certification

Networking Fundamentals
24%

- Compare and contrast the Open Systems Interconnection (OSI) model layers and encapsulation concepts
- Explain the characteristics of network topologies and network types
- Summarize the types of cables and connectors and explain which is the appropriate type for a solution
- Configure a subnet and use appropriate IP addressing schemes
- Explain common ports and protocols, their application, and encrypted alternatives
- Explain the use and purpose of network services
- Explain basic corporate and datacenter network architecture
- Summarize cloud concepts and connectivity options

Networking Implementations
19%

- Compare and contrast various devices, their features, and their appropriate placement on the network
- Compare and contrast routing technologies and bandwidth management concepts
- Configure and deploy common Ethernet switching features
- Install and configure the appropriate wireless standards and technologies

Network Operations
16%

- Use the appropriate statistics and sensors to ensure network availability
- Explain the purpose of organizational documents and policies
- Explain high availability and disaster recovery concepts and summarize which is the best solution

Network Security
19%

- Explain common security concepts.
- Compare and contrast common types of attacks
- Apply network hardening techniques
- Compare and contrast remote access methods and security implications
- Explain the importance of physical security

Network Troubleshooting
22%

- Explain the network troubleshooting methodology
- Troubleshoot common cable connectivity issues and select the appropriate tools
- Use the appropriate network software tools and commands
- Troubleshoot common wireless connectivity issues
- Troubleshoot general networking issues

Research and Statistics

Average Salary: $75,668
Annual Job Postings: 150,000+
Expected Job Growth: 9%

Organizations that trust CompTIA Network+

- Apple
- Blue Cross & Blue Shield
- Canon
- Dell
- HP
- Intel
- Ricoh
- Department of Defense

✱ 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 competence on the job. This is also how CompTIA certifications earn the ANSI/ ISO 17024 accreditation, the standard for personnel certification programs. Over 2.3 million CompTIA ISO/ANSI- accredited exams have been delivered since January 1, 2011.

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

All CompTIA certification exams 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 in just one technology.

✱ What is a Performance Certification?

CompTIA performance certifications validate the skills associated with a particular job or responsibility. They include simulations that require the test taker to demonstrate multi-step knowledge to complete a task. CompTIA has a higher ratio of these types of questions than any other IT certifying body

CompTIA