

## Préparation à la certification CompTIA Network+

**Durée: 5 Jours**    **Réf de cours: G005**    **Version: N10-009**    **Méthodes d'apprentissage: Virtual Learning**

### Résumé:

CompTIA Network+ Certification Prep (N10-009) builds on your existing user-level knowledge and experience with personal computer operating systems and networks, adding fundamental skills and concepts that you will need to advance in a networking career. As such, it focuses on the content described in the exam objectives for the CompTIA Network+ certification.

Earning CompTIA's Network+ certification increases your value in the marketplace by providing proof of your knowledge, skills, and ability to manage, maintain, troubleshoot, install, operate, and configure a basic network infrastructure in a vendor-neutral format.

Our CompTIA Network+ Certification Prep Course allows you to demonstrate the concepts covered on the Network+ exam using a sophisticated remote lab environment. You will work through several practice exams to reinforce your knowledge and gain essential networking skills in labs featuring networking devices such as routers, switches, access points, and others.

### Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

### Public visé:

CompTIA Network+ Certification Prep (N10-009) is intended for entry-level computer support professionals with a basic knowledge of computer hardware, software, and operating systems who wish to increase their knowledge and understanding of networking concepts and acquire the required skills to prepare for a career in network support or administration. In particular, the following individuals will benefit from this course:

- IT personnel who need a solid foundation in networking
- Managers and supervisors who must oversee network-related activities
- Individuals interested in pursuing the CompTIA Network+ certification exam N10-009

### Objectifs pédagogiques:

- 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.

### Pré-requis:

Regardless of whether you have passed A+, 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.
- G004 - Préparation à la Certification CompTIA A+ : Formation accélérée

### Après cette formation, nous vous conseillons le(s) module(s) suivant(s):

- CCNA - Mettre en oeuvre et administrer des solutions réseaux Cisco
- G012 - CompTIA Server+
- G013 - Formation CompTIA Security+
- G015 - CompTIA PenTest+ Certification Prep Course
- G016 - CompTIA Linux+
- GK5867 - CompTIA CySA+ Cybersecurity Analyst

### Contenu:

1.0 Explaining Network Topologies	11.0 Supporting Network Security Design	6.0 Implementing Network Services
2.0 Supporting Cabling and Physical Installations	12.0 Configuring Wireless Networks	7.0 Explaining Application Services
3.0 Configuring Interfaces and Switches	13.0 Comparing Remote Access Methods	8.0 Supporting Network Management
4.0 Configuring Network Addressing	14.0 Summarizing Cloud Concepts	9.0 Explaining Network Security Concepts
5.0 Configuring Routing and Advanced Switching	LABS	10.0 Applying Network Security Features
6.0 Implementing Network Services	1.0 Explaining Network Topologies	11.0 Supporting Network Security Design
7.0 Explaining Application Services	2.0 Supporting Cabling and Physical Installations	12.0 Configuring Wireless Networks
8.0 Supporting Network Management	3.0 Configuring Interfaces and Switches	13.0 Comparing Remote Access Methods
9.0 Explaining Network Security Concepts	4.0 Configuring Network Addressing	14.0 Summarizing Cloud Concepts
10.0 Applying Network Security Features	5.0 Configuring Routing and Advanced Switching	A.0 Network Sandbox

### Autres moyens pédagogiques et de suivi:

- Compétence du formateur : Les experts qui animent la formation sont des spécialistes des matières abordées et ont au minimum cinq ans d'expérience d'animation. Nos équipes ont validé à la fois leurs connaissances techniques (certifications le cas échéant) ainsi que leur compétence pédagogique.
- Suivi d'exécution : Une feuille d'emargement par demi-journée de présence est signée par tous les participants et le formateur.
- En fin de formation, le participant est invité à s'auto-évaluer sur l'atteinte des objectifs énoncés, et à répondre à un questionnaire de satisfaction qui sera ensuite étudié par nos équipes pédagogiques en vue de maintenir et d'améliorer la qualité de nos prestations.

Délais d'inscription :

- Vous pouvez vous inscrire sur l'une de nos sessions planifiées en inter-entreprises jusqu'à 5 jours ouvrés avant le début de la formation sous réserve de disponibilité de places et de labs le cas échéant.
- Votre place sera confirmée à la réception d'un devis ou ""booking form"" signé. Vous recevrez ensuite la convocation et les modalités d'accès en présentiel ou distanciel.
- Attention, si cette formation est éligible au Compte Personnel de Formation, vous devrez respecter un délai minimum et non négociable fixé à 11 jours ouvrés avant le début de la session pour vous inscrire via [moncompteformation.gouv.fr](http://moncompteformation.gouv.fr).