

# Course : Certified Stormshield Network Administrator (NT-CSNA)

Discover product features and installation procedure

*Practical course - 3d - 21h00 - Ref. CNG*

*Price : 2600 € E.T.*

★★★★☆ 4,7 / 5

BEST

The aim of this training course is to introduce the range and basic functions of Stormshield Network Security. Recognized by the French National Agency for Information Systems Security (ANSSI) as having high usage value in a professional context, this certification has been awarded the SecNumedu - Continuing Education label.

## Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Getting to grips with an SNS firewall and understanding how it works
- ✓ Configuring a network firewall
- ✓ Define and implement filtering and routing policies
- ✓ Configure access control to http and https websites (proxy)
- ✓ Configure authentication policies
- ✓ Set up different types of virtual private networks (IPSec VPN and SSL VPN)

## Intended audience

IT managers, network administrators, all IT technicians.

## Prerequisites

Good knowledge of TCP/IP. Previous network training a plus.

### PARTICIPANTS

IT managers, network administrators, all IT technicians.

### PREREQUISITES

Good knowledge of TCP/IP. Previous network training a plus.

### TRAINER QUALIFICATIONS

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

### ASSESSMENT TERMS

Assessment of targeted skills prior to training.

Assessment by the participant, at the end of the training course, of the skills acquired during the training course.

Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.

At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.

An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

### TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

## Certification

Certification consists of an online exam (1h30, 70 questions). The minimum certification score is 70%. The exam opens automatically on the day following the end of training, for a period of three weeks, on the <https://institute.stormshield.eu> platform. In the event of failure or impossibility of taking the exam within this timeframe, a second and final exam is automatically opened for a period of one week. SecNumedu certification.

[Comment passer votre examen ?](#)

## Practical details

### Teaching methods

La formation est délivrée soit en présentiel (en face à face pédagogique et en salle), soit en distanciel (présence à distance du formateur grâce à un système de visio et utilisation de la plateforme CyberRange d'Airbus). La formation alterne cours théorique et travaux pratiques. Les participants reçoivent un support de cours composé du cours, des travaux pratiques (Labs) et de leurs corrections. Afin de pouvoir mettre en pratique les éléments du cours, les participants ont à leur disposition un environnement technique complet. Afin de maintenir l'expertise du participant, toutes les mises à jour du support de cours sont accessibles au format PDF durant 3 ans sur notre plateforme <https://institute.stormshield.eu>. Le participant trouvera également sur cette plateforme un environnement virtuel lui permettant de manipuler le produit et rejouer les Labs en toute autonomie.

## Course schedule

### 1 Introduction

- Introduction of participants (tour de table).
- Training courses and certifications.
- Stormshield company and product presentation.

### 2 Getting to grips with the firewall

- Registration on the customer area and access to the knowledge base.
- Initialization of the box and presentation of the administration interface.
- System configuration and administration rights.
- Install license and update system version.
- Configuration backup and restore.

### 3 Traces and supervision

- Introduction to trace categories.
- Supervision and history graphs.

### 4 Objects

- Notion of object and types of object that can be used.
- Network and router objects.

### 5 Network configuration

- How to configure a box in a network.
- Interface types (Ethernet, modem, bridge, VLAN, GRE/TAP).
- Routing types and priorities.

#### TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training course.

#### ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: [psh-accueil@orsys.fr](mailto:psh-accueil@orsys.fr) so that we can assess your request and its feasibility.

## 6 Address Translation (NAT)

- Translation on outgoing flow (disguise).
- Translation on incoming flow (redirection).
- Bidirectional translation (one-to-one translation).

## 7 Filtering

- General information on filtering and stateful connections.
- Detailed presentation of filter rule parameters.
- Scheduling of filtering and translation rules.

## 8 Application protection

- Set up URL filtering in http and https.
- Configuration of antivirus and Breach Fighter detonation scans.
- Intrusion prevention module and security inspection profiles.

## 9 Users and authentication

- Directory configuration.
- Overview of different authentication methods (LDAP, Kerberos, Radius, SSL Certificate, SPNEGO, SSO).
- User enrolment.
- Explicit authentication via captive portal.

## 10 Virtual private networks

- Concepts and generalities IPSec VPN (IKEv1 IKEv2).
- Site-to-site with pre-shared key.
- Virtual Tunneling Interface.

## 11 VPN SSL

- Operating principle.
- Configuration.

## Dates and locations

### REMOTE CLASS

2026 : 18 May, 15 July, 9 Sep., 2 Dec.

### PARIS LA DÉFENSE

2026 : 11 May, 8 July, 2 Sep., 25 Nov.