

Course : Certified Stormshield Network Expert (NT-CSNE)

Practical course - 3d - 21h00 - Ref. CNJ

Price : 2600 € E.T.



4,6 / 5

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



Teaching objectives

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

- ✓ Advanced GUI use
- ✓ Precise configuration of the intrusion prevention engine
- ✓ Implement PKI and transparent authentication
- ✓ Setting up an IPsec VPN using certificates
- ✓ Creating a high-availability cluster

Intended audience

IT managers, network administrators, all CSNA-certified IT technicians.

Prerequisites

Reserved for those who have passed the CSNA exam within the last 3 years. Good knowledge of TCP/IP (routing, TCP connection establishment phases, IP packet structure...)

Certification

La certification consiste en un examen effectué en ligne (2h, 90 questions). Le score minimum de certification est de 70%. L'examen est ouvert automatiquement le jour suivant la fin de la formation pour une durée de trois semaines sur la plateforme <https://institute.stormshield.eu>. En cas d'échec ou d'impossibilité de passer l'examen dans ce créneau, un deuxième et dernier passage d'examen est ouvert automatiquement dans la foulée pour une durée d'une semaine supplémentaire. Certification SecNumedu.

[Comment passer votre examen ?](#)

PARTICIPANTS

IT managers, network administrators, all CSNA-certified IT technicians.

PREREQUISITES

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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.

Practical details

Teaching methods

La formation est délivrée soit en présentiel (en face à face pédagogique, 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 of participants (tour de table)

2 Stormshield Network intrusion prevention engine in detail

- Differences between intrusion prevention and detection.
- The intrusion prevention engine.
- Different types of analysis.
- Protocol and application profiles.

3 Public Key Infrastructure

- Basics of symmetrical and asymmetrical encryption.
- Types of encryption.
- PKI Stormshield Network.
- Creation of a certification authority, server identity and user identity.

4 Proxy SSL

- Operating principle.
- SSL proxy settings.

5 Advanced IPSec VPN

- Detailed operation and NAT traversal mechanism.
- Support for Dead Peer Detection (DPD).
- VPN star architecture and chaining.
- NAT in IPSec.
- IPsec VPN architecture with backup tunnel.
- Site-to-site VPN configuration using certificates.
- Setting up a nomad VPN.

6 GRE and GRE-TAP

- Operating principle.
- Configuration and set-up.

TEACHING AIDS AND TECHNICAL RESOURCES

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

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 so that we can assess your request and its feasibility.

7 Transparent authentication

- Operating principle.
- SPNEGO authentication method.
- SSL certificate authentication method.

8 High availability

- Operating principle.
- HA cluster creation and configuration wizard.
- Configure network interfaces.
- Advanced configuration.

Dates and locations

REMOTE CLASS

2026 : 25 Mar., 3 June, 23 Sep., 16 Dec.

PARIS LA DÉFENSE

2026 : 18 Mar., 27 May, 16 Sep., 9 Dec.