



**STORMSHIELD**

# CSDA COURSE OUTLINE

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## Certified Stormshield Data Administrator (SDS-CSDA)

### Introduction

This course will allow trainees to understand and use a trusted product that has been certified by the French national information security agency with regard to data protection and encryption.

### Target audience

System and security administrators, project managers, and IT and support technicians.

### Learning objectives



Trainees attend a classroom training session that incorporates both theory and practice.



Trainees are given a printed training book, composed of the theoretical course and the labs. In order to practice, they benefit from a complete technical environment



Trainees will have access to all the training book's updates for 3 years on <https://institute.stormshield.eu>.

At the end of the course, trainees will:

- Fully grasp the concepts of cryptography
- Know how to install and deploy the SDS Suite solution
- Be able to secure local data
- Learn how to work together internally in full security as well as with external parties
- Become autonomous in the resolution of Level 1 incidents

### Venue, duration and registration

Stormshield offers training programs in France, Germany, Italy, Spain, Poland, Hungary, Norway, UK, UAE, APAC, Africa...

Our instructors may also travel on-site to conduct training sessions if there are at least 5 trainees.

The Administrator training course takes place over two consecutive days over 14 hours. Trainees are expected to turn up at 9.30 a.m. on the first day of training and at 9 a.m. the day after (unless otherwise indicated by the instructor or Stormshield). All registration requests have to be sent to Stormshield's training department ([training@stormshield.eu](mailto:training@stormshield.eu)). The maximum class size is 8 trainees per session.



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## Requirements

Knowledge of Windows client systems  
LDAP/Active Directory concepts, Outlook client  
Knowledge of certificate authority mechanisms would be a bonus.

## Hardware

Trainees are required to bring their own computer with these prerequisites:

- 15 64bit processor with Virtualization support
- at least 8Go of Ram
- 80Go of free space on hard drive
- Windows Vista 64bit or higher
- Admin Rights to install virtualization software and Stormshield software

## Detailed description

### Day 1

- Introduction to Stormshield and Stormshield products
- Basics of cryptography
- Infrastructure of Stormshield Data Security
- Managing certificates
- Managing local file
  - o Encrypting files on the workstation and for peers
  - o Secure erasure
  - o Transcription
- Signing files
  - o Presentation of signing, co-signing, counter-signing and over-signing mechanisms

### Day 2

- Creating and using a secure virtual volume
- Protecting local and network slots
  - o Access privileges
  - o Backup and restoration
- Protecting the mail system
  - o Exchanging encrypted and/or signed e-mails
  - o Transcription
- SDS Easy



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- Configuring the Stormshield Network Security appliance
- Creating the SDS Suite account
- Troubleshooting

### Certification exam



Certification consists of an exam carried out online (70 minutes, 50 questions).

The minimum score required in order to obtain the certification is 70%.

Access to the exam will automatically be opened the day after the end of the course on the <https://institute.stormshield.eu> platform and will remain open for three weeks. If the trainee fails his first attempt at the exam, or if he did not take it within the stipulated period, the second and last attempt will automatically open for an additional week.