



**STORMSHIELD**

# CSDE COURSE OUTLINE

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## Certified Stormshield Data Expert (SDS-CSDE)

### Introduction

The aim of this course is to present the administration tool and the configuration of the Stormshield Data Authority Manager console.

This console allows centrally administering data security in an information system.

### Target audience

System and security administrators, project managers, and IT technicians who have obtained CSDA certification.

### 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 be able to:

- Install and configure the Stormshield Data Authority Manager administration platform
- Install and configure a PKI and its CAs
- Customize the installation of the SDS Suite on user workstations
- Manage and deploy user accounts
- Manage authentication via smartcards and USB tokens

### 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 Expert training course takes place over three consecutive days over 21 hours. Trainees are expected to turn up at 9.30 a.m. on the first day of training and at 9 a.m. on the following days (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.



## Requirements

Trainees must have already followed the CSDA course and obtained the relevant certification.  
Good knowledge of Microsoft Active Directory and the management of Windows domains.

## 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

- Principles of centralized administration
- Hardware and software requirements
  - o Third-party services
  - o Server configuration
  - o Client configuration
- Installing Stormshield Data Authority Manager
  - o Standard installation
  - o Installing databases
  - o Administration privileges

### Day 2

- Configuring databases
  - o Configuring PKI
  - o Configuring LDAP
  - o Configuring SMTP
- Recovery strategy
- Managing users
  - o Creating accounts
  - o Account templates
  - o Managing accounts
- Customizing installation packages



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- Deploying and updating user accounts

### Day 3

- Managing authentication via smartcards and USB tokens
- Enrollment mechanism through a public web page
- Unlocking accounts remotely
- Full implementation in an actual situation

### Certification exam



Certification consists of an exam carried out online (1 hour 40 minutes, 70 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.