



# Camouflage Fundamentals v4.5.5

Training Course

## **Camouflage Fundamentals v. 4.5.5**

### **Training Course**

**Required Training Units:** 1 (TR-UNIT) Training Units are good for 1 year from the time of purchase.

### **Overview**

In this digital, on-demand hands-on course, students will learn:

- Data masking theory and best practices.
- How CX-Discover and CX-Mask discovers and protects sensitive data in an organization.
- How to configure CX-Discover and execute search rules against targeted databases.
- How the Functional Masking Document (FMD) is created.
- About the main concepts used in data masking and built-out in the FMD.
- How to execute CX-Mask with a completed FMD.

### **Who Should Attend**

This course is intended for those who are responsible implementing and managing the Imperva Camouflage data masking solution. Applicable job roles include security administrators, security engineers, database administrators, and professional services responsible for Imperva Camouflage.

### **Prerequisites**

Before taking this course, make sure you have the following skills:

- General understanding of application layer security concepts, application layer Web, and/or database protocols.
- Experience implementing or managing data center security or database applications is recommended.

## **Lesson Objectives**

### **Lesson 1: Introduction**

- Describe the purpose of data masking.
- Understand how to decide what data should be masked.
- Describe Imperva Camouflage Data Masking methodology.
- Describe the Imperva Camouflage architecture at a high-level.

### **Lesson 2: CX-Discover Part 1**

- Navigate the CX-Discover User Interface.
- Configure data sources to perform searches.
- Use the rule management library to navigate through rule choices.
- Sort, copy, move and create rules to suit your search criteria.

- Define the rule search based on database schema for metadata or column content.

### **Lesson 3: CX-Discover Part 2**

- Review search job progress.
- Schedule jobs in the Job Management screen.
- Interpret and analyze the search results.
- Develop a masking strategy.
- Edit and approve the recommended or chosen masking strategies.
- Review results using the Reporting mechanism to filter by relevant views.
- Publish your approved choices to the generated FMD.

### **Lesson 4: Main Concepts and the FMD**

- Learn about the main tabs of the FMD.
- Learn what each main tab includes and how to interpret the content.
- Understand the main concepts used during masking.

### **Lesson 5: CX-Mask Part 1**

- Create connections.
- View your copied database from CX-Mask.
- Use a transformer to modify birth dates in the database with usable data values.
- Run your project.
- Understand each of the masking engines and their differences.

### **Lesson 6: CX-Mask Part 2**

- View more scenarios using transformers such as the Shuffle, and the Hash Defined Set.
- Use your own fictitious data to mask your real content.
- Mask some but not all data in a given column.
- Mask selected data using data from other columns.
- Save a project.
- Provide Imperva Support if you need their help.

### **Lesson 7: Generating a Project and Consistent Data Masking**

- Learn to generate a project in CX-Mask from the FMD.
- Review and verify masking targets in your newly generated project.
- Understand how Camouflage supports both random and consistent masking techniques.

## Getting Started

### Delivery Options

Digital, On-Demand
<p>Self-paced, on-demand video training.</p> <p>Class includes:</p> <ul style="list-style-type: none"> <li>✓ <b>Four-six hours of video instruction</b></li> <li>✓ <b>Electronic Training Materials</b></li> </ul>

### How to Purchase

#### Purchase Training Units via Purchase Order

Contact your local Imperva sales representative or contact your local Imperva partner for training unit price quote and to submit a Purchase Order for training units and receive an **Imperva SRV#** for use in class enrollment. If you do not have a sales contact, please call **1-866-926-4678**, or complete our information [form](#).

#### Purchase Classes via Credit Card

Training can be purchased using a major credit card, during the course enrollment process.

### How to Enroll

**IMPORTANT:** Only individuals with an Imperva portal account username and password can enroll in classes. If you do not have a Customer or Partner portal account, you may request one from our site. If you need assistance with the account request, contact [support@imperva.com](mailto:support@imperva.com).

To enroll, have your portal username and password available, visit the [Imperva Training website](#) and register for your class from the Training Calendar. Select either Credit Card or Training Units as your payment option. If you select Training Units, you may be asked to enter an Imperva SRV# (received when Purchase Order is finalized).

Note: Company PO#s are not accepted for payment during class enrollment process.