

Database Security & Compliance Version 13.0 Training Course

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Training Course

Required Training Units: 4 (TR-UNIT) *Training Units are good for 1 year from the time of purchase.*

Length: 4 Days

Course Pre-requisites: None

Overview

In this 4-day hands-on course, students will learn:

- The key features and benefits of having Imperva's Database Security Solution (DBS) in your environment
- How DBS operates and base functionality
- Hands-on navigation of the DBS Web User interface
- How to evaluate your readiness for a DBS deployment
- How to complete standard database configuration tasks
- How to run DB Database Classification scans
- How to create a Database Security policy
- How to create database profiles and audit the database
- How to troubleshoot basic DBS implementation and configuration issue

On the final day of class, students will perform a Capstone exercise to reinforce their understanding and ability to apply the concepts learned during class.

Who Should Attend

This course is intended for database administrators, security administrators, security engineers responsible for configuring, securing and monitoring their database applications with Imperva Database Security and Compliance.

Prerequisites

Before taking this course, you should 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.
- Imperva Security Administration is recommended.

Lesson Objectives

Lesson 1: Course Introduction

- Become familiar with the presentation of the training materials
- Learn to use the Imperva training portal to find supplemental course materials

Lesson 2: Imperva Database Security Introduction

- Relate the purpose of DBS and how it functions
- Recognize DBS components and various implementation network architectures
- Describe how data flows and is handled by DBS
- List the software and hardware requirements of DBS
- Relate key features of DBS and their benefits

Lesson 3: DBS Web UI Navigation

- Log into your lab environment and start VMs
- Relate the lab topology and purpose of each component
- Login to the Imperva DBS Web UI
- Navigate the various Imperva DBS UI workspaces and explain the purpose
- Create a Service and default Application
- Discover and secure previously unknown servers on the network
- Add discovered servers to a Site

Lesson 4: Initial DBS Security Configuration

- Explain Site Tree navigation and hierarchy
- Validate Site Tree configuration and objects
- Navigate the Agent Workbench and configuration views
- Configure a Default DB connection
- Test the Default DB connection

Lesson 5: Database Data Classification Scans

- Explain the need for Data Classification scans
- Relate how sensitive data is found and classified
- Create a Scan Profile
- Create and run a Data Classification scan

Lesson 6: Database Security Policies

- Describe the purpose a security policy
- Locate and identify pre-defined and default security policies
- Identify various security policy types

- Deconstruct security policies and explain how they function
- Modify security policies

Lesson 7: Database Profiling

- Describe the purpose of a database profile and an application’s profile policy
- Explain dynamic profiling
- Specify the various profile modes
- Create a User Group profile

Lesson 8: Database Auditing

- Describe the purpose of Auditing and how it is used
- Work with Audit views and filters
- Identify components of Audit policies
- Create and Audit Policy
- Analyze Audit Data
- Create an Audit Report

Lesson 9: Troubleshooting

- Follow instructions on how to gather data for escalation to Imperva support organization
- Relate the methodology for troubleshooting Imperva products
- Complete troubleshooting scenarios

Lesson 10: Capstone Lab Exercise

The Capstone Exercise challenges students to perform a series of tasks designed to help students reinforce learning by recalling and applying the concepts and skills presented during the class.

Getting Started

Delivery Options

Open Classroom	Virtual Classroom	Private On-site
Instructor-Led, in person classes hosted at an Imperva training facility. Class includes: <ul style="list-style-type: none"> ➤ Electronic Training Material ➤ Sandbox for hands-on labs 	Instructor-Led, you attend class via web conferencing. Class includes: <ul style="list-style-type: none"> ➤ Electronic Training Materials ➤ Sandbox for hands-on labs 	Instructor-Led, in person classes hosted at your facility for 6 to 12 participants. (purchase TR-4-DAY-ONSITE-6 for 6 participants) Class includes: <ul style="list-style-type: none"> ➤ Electronic Training Materials ➤ Sandbox for hands-on labs

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. You will 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.

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 (Purchase Order)** as your payment option. If you select Training Units, you must enter an **Imperva SRV#** (received when Purchase Order is finalized). **Note:** Company PO#s are not accepted for payment during class enrollment process.

Schedule

If you purchased onsite training and would like to schedule delivery, please call us at +1-972-887-5922 or email training@imperva.com

Please refer to Imperva **Terms and Conditions** when registering for training for additional information.