



**imperva**

MARCH 2021

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# Training Catalog

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# Overview

Imperva Training provides our partners and customers with the expertise to fully implement and use our industry leading security products to protect critical business operations and infrastructure. Select from our array of classes and delivery options, then contact your Imperva sales representative to order today.

<https://www.imperva.com/Services/Training>

## Delivery Options



### Open Enrollment Classroom

Instructor-led classes hosted at physical Imperva locations. Available to all customers.



### Instructor-Led Hybrid Classroom

Also known as, Hybrid or Flipped. Instructor interaction mixed with online self-paced content. Flexible hours.



### Private Classroom

Instructor-led classes hosted at physical Imperva locations or customer location. Limited to a single customer or partner.



### On-Demand

Self-paced classes available on Imperva University.



### Virtual Classroom

Instructor-led classes held via web conferencing.

## Certifications



Select certification paths in data security, application security or Cloud (pending release in 2021).

# Learning Paths and Certifications

Imperva University provides flexible options to complete your training on multiple Imperva products. For both on-premise and cloud platforms, we recommend completing the core course training described in this document. Then, you can specialize your training on products that align with each of these areas, or become more adept at concepts you learned from the core trainings. Our elearning library contains most if not all secondary course material for deeper dives and reinforcement. To round out your knowledge and skills, get certified and demonstrate expertise in your area. We offer both individual classes and full training bundles to help you meet your goals.

For more detail about our **learning paths** and **training bundles**, access **Imperva University** by logging into your dashboard from the **customer portal**.

## On-Premise and Cloud Security Professional Certifications

These exams provide certification in either Cloud, or On-Prem Application and Data Security:\*

### Imperva Application Security

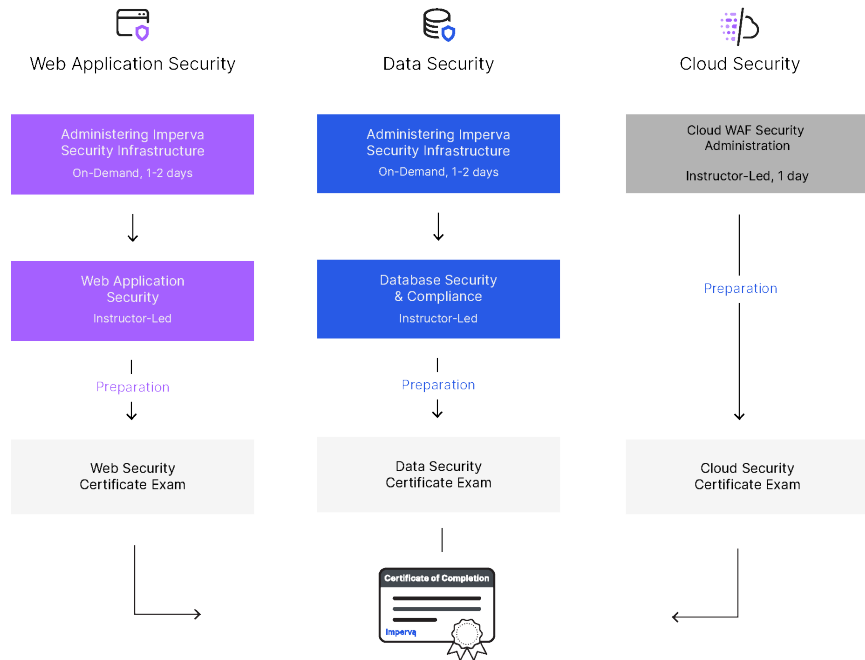
**Part Number:** TR-CERT  
**Pre-Requisites:** Administering Imperva Security Infrastructure and Web Application Security

### Imperva Data Security

**Part Number:** TR-CERT  
**Pre-Requisites:** Administering Imperva Security Infrastructure and Database Security & Compliance

### Imperva Cloud Security

**Part Number:** TR-CERT  
**Pre-Requisite:** Imperva Cloud WAF Security Administration



\*On-Premise Certifications must be renewed every 3 years.

\*\*The Cloud Certification must be renewed every 12 months.

# Core Courses

## Administering Imperva Security Infrastructure

**Pre-Requisites:** None | **Training Units Needed:** 2  
*Training Units Good 1 Year from Date of Purchase*



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LAB

In this 2-day on-demand training course, students will learn:

- How to install and maintain SecureSphere system components including the Management Server, Gateway, and Agents
- How to ensure connectivity among SecureSphere components and commonly integrated network devices
- How to perform initial SecureSphere administration and configuration tasks that align with an organization's architecture and specific requirements or follow Imperva best practices
- Common cross functional tasks such as object creation, policy creation, basic rule understanding, system alert interpretation, and report generation
- Advanced techniques to externalize the information collected by all major SecureSphere product lines

## Web Application Security

**Pre-Requisites:** None | **Training Units Needed:** Open Enrollment=4  
Flipped Classroom=3  
*Training Units Good 1 Year from Date of Purchase*



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In this hands-on training course, students will learn to:

- Configure SecureSphere for an on premises Web Application Firewall including ThreatRadar subscription services
- Evaluate the configuration of the Web Application Firewall to verify assets are protected
- Implement security controls using Policies and Followed Actions
- Configure Web Profiling and Active Blocking
- Analyze Violations and Alerts
- Perform best practice tuning tasks
- Integrate external web scanner data with SecureSphere and manage identified vulnerabilities. Configure SecureSphere Web Gateway to work in a Reverse Proxy deployment mode
- Full-day Capstone lab for concept reinforcement and certification prep

## Database Security and Compliance

**Pre-Requisites:** None | **Training Units Needed:** Open Enrollment=4  
Flipped Classroom=3  
*Training Units Good 1 Year from Date of Purchase*



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LAB

In this hands-on training course, students will learn:

- How to initially configure SecureSphere for a Database Security deployment
- How to run DB Data Classification Scans to find sensitive data
- How to implement Database Security Policies and Database Auditing.
- How to configure DB Profiling
- How to analyze Database Violations and Alerts
- How to perform best practice tuning tasks
- How to configure Active Blocking
- How to configure Assessment Scans and manage risk scores
- How to configure Database User Rights Management Scan and analyze the results

## Cloud Web Security Administration

**Pre-Requisites:** None | **Training Units Needed:** 1  
*Training Units Good 1 Year from Date of Purchase*



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In this instructor-led training course, students will learn:

- The benefits of the optimization, security and redundancy features of DDoS protection for websites, Web Site Security, Content Delivery Network and Load Balancer products and solutions
- Traffic routing, inspection and filtering capabilities between clients and web applications via the Incapsula network
- Onboarding of an Incapsula Web Application Firewall to protect an organizations web site
- Basic security concepts and setting up web application security protections and customized rules
- Tracking of bandwidth usage and how to recognize the DoS and DDoS impacts
- Configuration of load balancing within and between data centers
- Benefits and performance improvements available with various caching options in an Incapsula CDN

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# Secondary Courses

## Imperva Data Masking (Camouflage) Fundamentals

**Pre-Requisites:** None | **Training Units Needed:** 1

*Training Units Good 1 Year from Date of Purchase*



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In this on-demand training 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
- How to mask data safely using masking strategies and transformer tools

## DDoS Protection for Networks

**Pre-Requisites:** None | **Training Units Needed:** 1



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In this micro-course, available via our on-demand library, students will learn:

- The versions of Imperva DDoS protection and the benefits of each
- Technical requirements and prerequisites for Imperva DDoS Infrastructure Protection
- The threat landscape and limitations traditional solutions face
- How Imperva provides best-in-class DDoS protection
- The Imperva global network and Points-of-Presence (PoP) locations worldwide
- The DDoS traffic scrubbing infrastructure, topology, and fault-tolerance design
- Traffic handling under normal DDoS attack, and high-volume DDoS attack scenarios
- Network Topologies for Always-On and On-Demand deployments
- Alternative topologies available when servers are co-located in Imperva PoP data centers
- Onboarding preparation and process, including traffic verification, profiling, and setting security policies
- The Imperva DDoS Infrastructure Protection user interface and traffic analysis dashboards

## Advanced Bot Protection for Cloud

**Pre-Requisites:** Cloud Web Security Administration | **Training Units Needed:** 1



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In this micro-course, available via our on-demand library, students will learn:

- Explanation of Advanced Bot Protection and how it differs from other bot protection methods
- An overview of protection strategies, which strategies apply under varying organizational requirements and information on when they can be implemented
- Identifying and enabling high-value target paths on the protected application
- Application On-Boarding
- ABP policy and protection strategies
- Working with the ABP UI to investigate bot activity directed to the application
- Leveraging groups, policies and custom conditions to counteract unwanted bot activity
- Exploring multiple scenarios demonstrating the deployment, implementation and group decisions along with, policy and custom condition countermeasures used to neutralize advanced bot threats

## Data Risk Analytics (DRA)

**Pre-Requisites:** Database Security and Compliance | **Training Units Needed:** 1



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In this on-demand training course, students will learn:

- How to install the DRA Admin and Analytics Servers
- How to integrate Active Directory into DRA Analytics
- How to integrate DRA with several types of audit sources
- How data flows through a DRA architecture
- Confirm appropriate audit detail is received in DRA
- Analyze Incidents to identify careless, compromised, or malicious activity
- Analyze Incidents to identify false positive events

# Runtime Application Self-Protection (RASP)

Pre-Requisites: None | Training Units Needed: 1

*Training Units Good 1 Year from Date of Purchase*



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In this hands-on training course, students will learn about Imperva's Runtime Application Self-Protection (RASP); a focus on this fundamentally new approach to application security.

- The capabilities and unique benefits of Imperva RASP
- The RASP Architecture
- Benefits of RASP due to LangSec technology
- Deployment Requirements
- Configuring the RASP agent behavior
- Learning Best Practices
- False Positive Identification and Tuning
- Alerts and Events Analysis
- Setting Enforcement modes
- Strategies for CI/CD process integration

## Who should attend?

This course is recommended for anyone with the following knowledge and/or skills:

- Knowledge of web protocols, particularly HTTP(s)
- Experience with web application technologies, i.e., Java, NodeJS, JQuery, .NetCore

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## Additional Training Resources

Aside from instructor-led training, we offer a self-paced or on-demand library which is designed to supplement learning whenever you seek additional knowledge or to enhance your skills. This library is incorporated into other training bundles to offer a hybrid-learning approach, so getting that certification or additional training is easier and adjusts to your time.

### Self-Paced, On-Demand Library

To provide more deep-dive content, as well as reinforcement to fundamental concepts for Imperva products, our on-demand library offers self-paced training that can be taken anytime at your leisure. The content in this library is frequently updated, and includes anything from snippet topics, unique knowledge from Imperva experts, and short how-to's to full courses for multiple product releases.

- Advanced Bot Protection
- Imperva RASP
- API Security
- On-Prem WAF Gateway
- On-Prem DAM Gateway
- Data Risk Analytics
- Imperva Sonar (coming soon)
- Data Masking
- Cloud Web Application Security (WAS)

Our On-Demand Library is available for an annual subscription and is renewable. It can also be bundled to include instructor-led training from your choice of [Foundation Courses](#), and extended lab access. For more information, see below about our [Training bundles](#).

### Bonus Content

This section located in the main dashboard of Imperva University, includes content on products or product topics. They give you information about the products at different levels, especially on new releases and product version updates. The videos in this section are provided at no charge. The training here does not change on a set schedule, so keep checking back.

Imperva is an analyst-recognized, **cybersecurity leader** championing the fight to **secure data and applications** wherever they reside.

To register to the library and take on-demand courses, log into your Imperva portal account and go to the **Training** tab.

## New Instructor-Led Hybrid Class Format

In an instructor-led hybrid (flipped) class, traditional live lecture is replaced with video, reading, and written exercises. In exchange of lecture, the live instructor sessions are dedicated to a deep interactive exploration of the Imperva On-Premises configuration in the student's lab environment. Alternative configurations, pros-and-cons, and/or potential problems are experienced first hand with instructor guidance. The course is built with flexible attendance requirements, allowing students to interleave class activities into their already busy schedules. Additionally, many lessons allow students to 'test out' if they are previously knowledgeable on the topic. Course completion is evaluated on the final configuration of the lab environment, and is evaluated during a personal session with the instructor.

This format is available now, and applies to our Database Security and Compliance, and Application Security instructor-led classroom courses.

## On-Site Training Events

Want to bring an instructor on-site to train at your facility? Contact your Imperva sales representative for more information.



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## Training Bundles

Our training bundles combine self-paced, on-demand learning with instructor-led classroom training to provide a well-rounded learning experience. With instructor-led training, you get live access to a qualified instructor. With the on-demand training, you get reinforcement outside the classroom at your own pace. Hands-on labs are available with both classroom and self-paced courses, and when you subscribe, you get extended lab access, something many who attend our classroom training frequently ask for.

### Essentials Hybrid 12-month Subscription

This plan gets you all the basics for Imperva training. It includes one instructor-led training seat per user/per year (one of our classroom [Foundation Courses](#)) and unlimited on-demand training from the library for one year. You also get extended lab access after you've completed your instructor-led training. You can take your instructor-led class then follow with content from the library to reinforce, update or refresh your skills. Some self-paced courses may be excluded.

### All-Inclusive 12-month Subscription

This plan is designed for those interested in getting certified. It includes one instructor-led training seat per user/per year with 1-week extended lab access, and unlimited on-demand training from the library for one year. Additionally, you get one certification exam attempt. Some self-paced courses may be excluded. This subscription provides you all the material, including the administration on-demand prerequisite (see ["Administering Imperva Security Infrastructure" on page 4](#)) to fulfill all the certification requirements.

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## Introducing Digital Badging - Coming Soon

We are committed to providing you with the tools necessary to achieve your professional goals and we understand that communicating your credentials in an ever-expanding online marketplace can be challenging. That is why we have partnered with Credly's Acclaim platform to provide you with a digital version of your credentials. Digital badges can be used in email signatures or digital resumes, and on social media sites such as LinkedIn, Facebook, and Twitter. This digital image contains verified metadata that describes your qualifications and the process required to earn them.

Digital Badging and more details will be made available to you from your dashboard in Imperva University beginning April, 2021.

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## How to enroll

Get a quote for Training Units from your Imperva Sales Representative. If you do not have an Imperva Sales Representative, call **1-866-926-4678**.

Once your order is complete, watch for the Imperva training SRV# in your e-mail. Use this SRV# to register for your courses.

To enroll in a class, for customers sign-in to your [Imperva support portal](#). For partners, sign-in at the [partner portal](#). Use the training SRV# you were provided to register.

If you do not have an Imperva portal account, for customers, please request one [here](#). For partners, request an account [here](#).

For more questions, contact [training@imperva.com](mailto:training@imperva.com).

\*Training Units must be used within 1 year of date of order.