



imperva

JANUARY 2021

Training Catalog

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



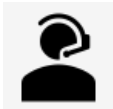
Open Enrollment Classroom

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



Private Classroom

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



Virtual Classroom

Instructor-led classes held via web conferencing.



On-Demand

Self-paced classes available on Imperva University.

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**.

Application & Data Security Professional Certifications

These certifications provide certification in either Application or Data Security paths:*

Imperva Application Security

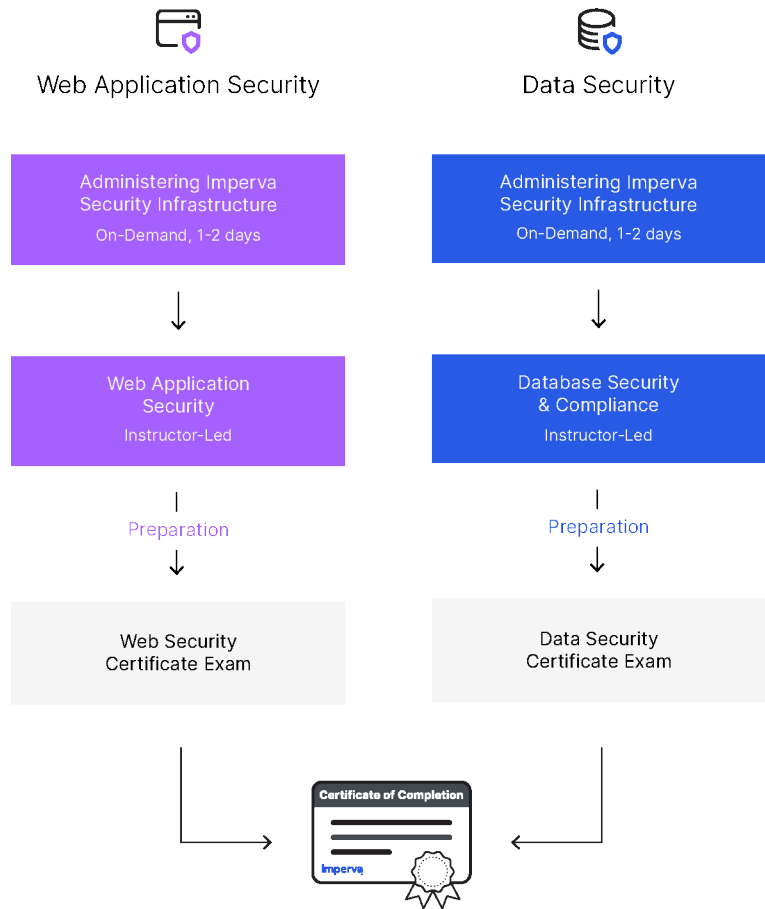
Part Number: TR-CERT
Pre-Requisites: Administering Imperva Security Infrastructure and Web Application Security

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 Security Curriculum (to be announced)**



*Certifications must be renewed every 3 years.

**The Cloud Certification details will be provided upon release expected in early 2021.

Foundation Courses

Administering Imperva Security Infrastructure

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



DELIVERY



OPTIONS



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: 4
Training Units Good 1 Year from Date of Purchase



DELIVERY



OPTIONS



OPTIONS



LAB

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: 4
Training Units Good 1 Year from Date of Purchase



DELIVERY



OPTIONS



OPTIONS



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



DELIVERY



OPTIONS



OPTIONS

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

Secondary Courses

Imperva Data Masking (Camouflage) Fundamentals

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

Training Units Good 1 Year from Date of Purchase



DELIVERY



LAB

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:** Included in Library



DELIVERY

In this on-demand training course, 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:** Included in Library



DELIVERY

In this on-demand training course, 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

Pre-Requisites: Database Security and Compliance | **Training Units Needed:** Included in Library



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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
- Benefits and performance improvements available with various caching options in an Incapsula CDN

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
- Attack Analytics
- 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.

New Flipped Class Format

In a 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

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.

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 starting in 2021, 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.

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.

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.

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