

## SecureSphere Web Application Firewall

# Imperva Training

### Imperva Training

Imperva uses a classroom format for instructor-led training. Our training classes focus on the practical real-world skills your team needs to properly configure, protect, and maintain the industry leading Data Protection Suite -- SecureSphere.

Classes are hosted regularly via Imperva's global classrooms. Imperva's hosted classes are a perfect fit for organizations looking for a few student seats within a larger class. This environment fosters an exchange of ideas and questions with other organizations spanning a broad array of security initiatives. As an alternative, Imperva offers onsite training tailored to your Imperva solution which can be taught at your facility. This option is ideal for organizations looking to train several employees as SecureSphere administrators and operators.

### Web Application Firewall Course Introduction

Imperva SecureSphere Web Application Firewall (WAF) Training is a four-day, practical course featuring instruction and hands-on lab experience in a simulated IT environment. Students learn and practice how to establish protection of their web applications using the industry leading SecureSphere WAF. Toward this goal, students will generate traffic on and perform attacks against lab servers to observe first-hand how SecureSphere learns and protects these resources.

The course is split into two sections: SecureSphere Administration and Web Application Firewall Administration. SecureSphere Administration is delivered during the first two days of class and focuses on the core knowledge required for day-to-day administration of any SecureSphere deployment. The Web Application Firewall section builds on the Admin foundation for 2 additional days of in-depth training on WAF functionality.

### Imperva Instructors

At Imperva, we consider quality instruction to be a critical component of a successful security solution deployment. Toward that goal, each of our highly trained and experienced instructors brings a wealth of practical knowledge to the classroom. All Imperva instructors are members of the Imperva Professional Services department. As such, they are part-time trainers, part-time implementers, and part-time consultants. We believe this qualifies our instructors as the undisputed full-time SecureSphere experts.

## SecureSphere Administration

- **Introduction to SecureSphere**  
This is a brief introduction to Imperva's Vision and concept of Data Security & Compliance.
- **Modeling the Protected Datacenter**  
This lesson introduces students to the theory of a SecureSphere architecture and network deployment.
- **Configuration**  
The instructor elaborates on design considerations and detailed GUI configuration steps.
- **Introduction to Policies**  
Students are introduced to foundational concepts and the numerous uses and types of policies.
- **Archiving and Notification Actions**  
Students learn how to externalize information from SecureSphere into formats such as email and SYSLOG.
- **Alerts and Monitoring**  
Students will learn to use tools such as the Monitor Dashboard, Alerts, Violations, and System Event Log.
- **Reporting**  
Participants will learn and practice creating custom reports in order to meet compliance requirements.
- **Administration**  
The administration lesson closes out the Admin training section by teaching students to configure administrative functions including: administrator auth and access, backups, and schedule automation.

## Web Application Firewall

- **Discovery**  
Students will learn how to use the discovery feature to confirm and configure accurate protection.
- **Web Dynamic Profiling**  
Dynamic Profiling allows SecureSphere to create an 'image' of actual usage. In this lesson the student will learn how profiling is accomplished and how SecureSphere can leverage this positive profile of the HTTP traffic into a format that allows it to thoroughly and intelligently protect your critical web applications.
- **Advanced Web Policies**  
In this lesson we take a much deeper look into the advanced policy options which make a Web Application Firewall a critical component to your data security efforts. Students will practice hands-on attacks in lab.
- **ThreatRadar**  
The ThreatRadar service lesson introduces students to the concept of Industrialized Hacking and how Imperva has teamed with security industry partners to protect you from automated but stealthy attacks.
- **External Integration with WAF**  
This advanced lesson dives into how to enrich alert content and also integrate with vulnerability scanners.
- **Tuning**  
All applications have unique elements designed to accomplish its purpose. For this reason, the default policies need to be adjusted to fit your environment in a process called tuning. Students will learn effective techniques to accomplish tuning to ensure optimal performance and security protection.
- **UUT**  
This lesson discusses how Web/Database correlation can enrich DB auditing with Universal User Tracking.

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