

SecureSphere File Security and Compliance

Imperva Training

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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 Solution -- 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.

File Security & Compliance Course Introduction

Imperva SecureSphere File Security & Compliance Training is a three-day, practical course featuring instruction and hands-on lab experience in a simulated IT environment. Students learn and practice how to establish monitoring and protection of their file servers and CIFS-compliant file storage solutions using the industry leading SecureSphere data security solution. Toward this goal, students will perform file data classifications, utilize business-relevant organization details for simplifying file user rights management, and execute attacks against lab servers to observe first-hand how SecureSphere can be used to both protect and validate compliance for these critical unstructured data resources.

The course is split into two sections: *SecureSphere Administration* and *File Security & Compliance 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 *File Security and Compliance* section builds on the Admin foundation for 1 additional day of focused training on the File Monitoring, File Security and File User Rights Management complete solution.

Imperva Instructors

At Imperva, we consider quality instruction to be a critical component of a successful security solution deployment. Each of our highly trained and experienced instructors brings a wealth of practical knowledge to the classroom. Our instructors are SecureSphere experts. Each one is a member of the Imperva Professional Services department working periodically as trainers, implementers and consultants.

SecureSphere Administration

- **Introduction to SecureSphere**
This is a brief introduction to Imperva's vision and its solutions for data security and 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 the 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 scheduled automation.

File Security and Compliance Administration

- **Configuration**
Students are introduced to the core configuration steps required to establish a default level of file activity monitoring and security. The foundational steps for adding business relevance to the monitoring, security and user rights management objectives are also outlined in lecture and practiced in labs.
- **Classification**
File security, monitoring and user rights management has the potential to produce an overwhelming amount of information. Effective classification strategies significantly reduce the noise produced by unimportant and/or lower-priority unstructured data access and rights management efforts.
- **Auditing File Access**
In this lesson the instructor trains the students how to focus auditing efforts through custom audit policies which target your specific business goals for auditing. Students put this knowledge into practice by running live CIFS connection scripts through the File Gateway in order to observe and analyze the audited events.
- **Ownership and Rights Management**
The critical elements to an effective User Right review solution are 1) identifying the data owner, 2) understanding the data through classification and metadata knowledge, 3) enriching both of the above with business relevant groupings, and finally 4) providing an easy-to-use framework for review and remediation. Students spend a significant amount of time mastering each of these elements in real-world simulations.
- **File Security**
The SecureSphere File Security product allows you to make customized decisions about exactly which events justify a security blocking or alerting response from the gateway. Attendees will create a targeted security policy to protect & alert against malicious file access activity.
- **Management & Tuning**
Students will learn effective techniques to ensure optimal performance, monitoring, and security protection. In this lesson, practical advice for everyday management of the File Activity Monitoring and File Firewall solutions are provided in order to insure that students are fully prepared for a successful deployment.

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