



Technology Alliance: Imperva and Cloudera

**Imperva SecureSphere helps organizations meet
Big Data compliance and security requirements**

Integration Benefits

- Meet compliance requirements for sensitive information in Hadoop™ clusters
- Protect Cloudera Enterprise from data breaches and unauthorized activities
- Gain visibility into unusual or abnormal Apache Hive activities
- Accelerate incident response and forensic investigations

Protect Big Data Deployments

SecureSphere support for Cloudera Navigator provides visibility into data usage in Cloudera Enterprise, and enables Security, Audit and Risk professionals to improve data security and meet compliance directives. Enterprises are increasingly leveraging Big Data platforms to deliver business value. As a result, Big Data deployments store critical information, that is pulled from multiple business systems, for data mining and business intelligence. Since they contain a concentration of business-critical data, Big Data deployments must be protected from data breaches and unauthorized access. SecureSphere support for Cloudera Navigator is an integral part of Imperva's unique data center security vision of protecting applications, as well as data, across all repositories, including structured, semi-structured, unstructured, and cloud.

Audit Sensitive Data Usage

SecureSphere policies capture activity information in Cloudera Enterprise such as, "Who, What, When, Where, and How", allowing organizations to easily demonstrate compliance. SecureSphere provides activity details for Apache Hive, a SQL-like interface for Hadoop data-warehousing packaged with Cloudera Enterprise.

Accelerate Security Investigations and Forensic Analysis

SecureSphere simplifies forensic investigations and identifies trends and patterns that indicate security risks. SecureSphere's interactive analytics provide deep insight into audited activities and enable security teams and database auditors to view, analyze, and correlate database activities using a simple user interface that does not require scripting.

Detect Unauthorized Access and Fraudulent Activity

Get visibility into suspicious and unauthorized activity in Cloudera. When abnormal or unacceptable access activity is detected, SecureSphere triggers alerts. To streamline business processes, alerts can be sent to administrators, Security Information Event Managers, ticketing systems, and other third-party solutions.

Cloudera Enterprise

Cloudera Enterprise helps you become information-driven, by leveraging the best of the open source community and enterprise capabilities that you need to be successful, with Hadoop implementations. Designed specifically for mission-critical environments, Cloudera Enterprise includes CDH, the world's most popular open source Hadoop-based platform, as well as enterprise-ready data management features. Additionally, Cloudera offers dedicated support and community advocacy from a world-class team of Hadoop developers and experts. Cloudera is your partner on the path to Big Data.

About Cloudera

Cloudera is revolutionizing enterprise data management by offering the first unified Platform for Big Data, an enterprise data hub built on Apache Hadoop. Cloudera offers enterprises one place to store, process and analyze all their data, empowering them to extend the value of existing investments while enabling fundamental new ways to derive value from their data. Only Cloudera offers everything needed on a journey to an enterprise data hub, including software for business critical data challenges, such as storage, access, management, analysis, security, and search. As the leading educator of Hadoop professionals, Cloudera has trained over 22,000 individuals worldwide. Over 1,000 partners and a seasoned professional services team help deliver greater time to value. Finally, only Cloudera provides proactive and predictive support to run an enterprise data hub with confidence. Leading organizations in every industry, plus top public sector organizations globally, run Cloudera in production.

www.cloudera.com

Imperva SecureSphere Database Activity Monitoring

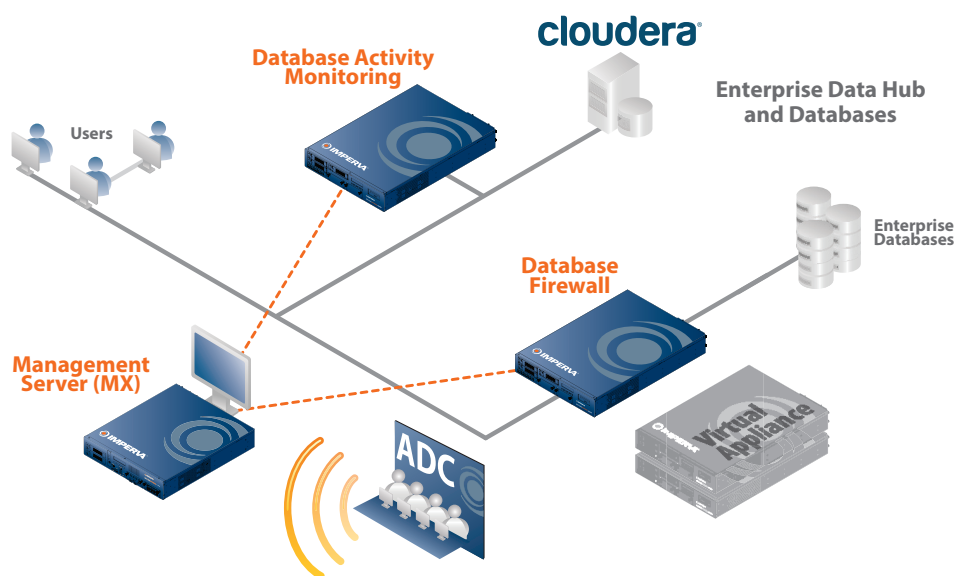
Demonstrate compliance and accelerate forensic investigations through automated Apache Hive activity auditing, analysis, advanced analytics, alerting, and reporting. SecureSphere integrates with Cloudera Navigator to defend against internal and external Hadoop threats.

Protecting data across all repositories including databases, Big Data platforms, file servers, software as a service (SaaS), and infrastructure as a service (IaaS), is part of Imperva's unmatched advantages.

About Imperva

Imperva, pioneering the third pillar of enterprise security, fills the gaps in endpoint and network security by directly protecting high-value applications and data assets in physical and virtual data centers. With an integrated security platform built specifically for modern threats, Imperva data center security provides the visibility and control needed to neutralize attack, theft, and fraud from inside and outside the organization, mitigate risk, and streamline compliance.

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