

Securing Big Data Infrastructure: An Evolving Market Ecosystem

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Abstracts

The Big Data industry is experiencing profound changes across the entire stack including infrastructure, security, analytics, and application layer. The data management industry is shifting from host based architecture to cloud based data centric architecture and operational model, thereby creating enormous challenges on infrastructure security.

This creates an evolving market ecosystem for Big Data technology and services, infrastructure, and security solutions, software solutions, and support services. Open source solutions such as Hadoop, Cassandra, and MongoDB play a key role in the ecosystem in terms of security features. However, full infrastructure security involves initiatives of many players including general security solution providers.

This research evaluates the components of Big Data infrastructure and security framework along with security challenges related with Hadoop, Cassandra, and MongoDB. This research also analyzes the Big Data infrastructure security market ecosystem, components associated with strategic framework for Big Data protection, and vendor solution landscape.

The report also includes market projections for enterprise spending on Big Data technology and services encompassing three verticals. Forecasting includes market projections by industry verticals and geographic region. All purchases of Mind Commerce reports includes time with an expert analyst who will help you link key findings in the report to the business issues you're addressing. This needs to be used within three months of purchasing the report.

Key Findings:

Certain industries will be drivers of Big Data Security

Big Data infrastructure will require strategic governance and framework for security

Big Data infrastructure and security solution market spending alone will reach \$23.7 billion by 2021

The evolving Big Data Security ecosystem consists of infrastructure, applications, APIs, and data itself

Big Data Security should be a key part of strategy within the Big Data Lifecycle Management (BDLM) model

Target Audience:

Big Data security providers

Telecom equipment providers

Global infrastructure suppliers

Communication service providers

Cloud services and datacenter companies

Big Data consulting, and advisory companies

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