

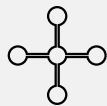


Eagle is an open source monitoring solution for Hadoop to instantly detect access to sensitive data, recognize malicious activities and respond in real time



Scalable

Scales to monitor thousands of policies and billions of access events



Extensible

Eagle can be easily extended to monitor other data sources



Machine Learning

Create dynamic user profiles based on user behavior



Real-time

Generates alerts in real time and blocks users with malicious intent

Eagle Highlights:

- Eagle supports a variety of monitoring policies including window functions for HDFS and Hive data
- Leverages machine learning to create multi-dimensional user profiles for anomaly detection
- Leverages Hadoop ecosystem as core components. You can get started with eagle in a few minutes
- Monitor & Secure multiple Hadoop clusters using single eagle instance
- Integrates with Apache Ranger to provide comprehensive security solution for Hadoop

Visualize

Eagle Admin UI

3rd Party Tools

Process

Stream Processing Engine

Policy Manager

Machine Learning Module

Alerting Framework

Collect and Store

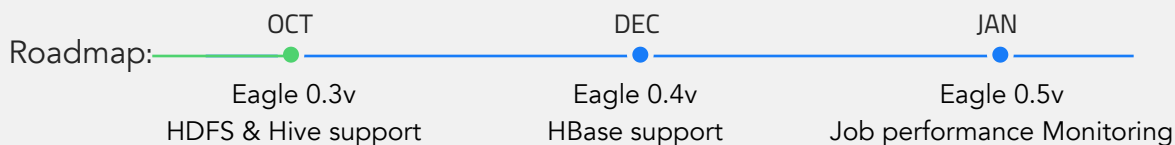
Kafka

Hbase

HDFS

Eagle at eBay

Eagle is deployed in production at eBay to monitor billions of data access events in a 2500 nodes Hadoop cluster that hosts 60 PB's of data.



<http://goeagle.io/>