

Apache Sentry

Apache Sentry moved into the Attic in 2020-12. Apache Sentry was a system for enforcing fine grained authorization to data and metadata in Apache Hadoop.

The website, downloads and issue tracker all remain open, though the issue tracker is read-only. See the website at <http://sentry.apache.org> for more information on Sentry.

APACHE SENTRY

Apache Sentry™ is a system for enforcing fine grained role based authorization to data and metadata stored on a Hadoop cluster.

Apache Sentry has successfully [graduated](#) from the Incubator in March of 2016 and is now a Top-Level Apache project.

Apache Sentry is a granular, role-based authorization module for Hadoop. Sentry provides the ability to control and enforce precise levels of privileges on data for authenticated users and applications on a Hadoop cluster. Sentry currently works out of the box with Apache Hive, Hive Metastore/HCatalog, Apache Solr, Impala and HDFS (limited to Hive table data). Sentry is designed to be a pluggable authorization engine for Hadoop components. It allows you to define authorization rules to validate a user or application's access requests for Hadoop resources. Sentry is highly modular and can support authorization for a wide variety of data models in Hadoop.