Security

This page collects some resources and pointers for various efforts underway to add security features to Hive and related projects.

> ⓘ **Authorization modes**
>
> The links below refer to the original Hive authorization mode. See Authorization for an overview of authorization modes, which include storage based authorization and SQL standards based authorization.

- Thoughts on security from Venkatesh
- Howl's approach for persisting and validating DDL authorization via HDFS permissions
- HIVE-1264: Hadoop security integration
- THRIFT-889: allow Kerberos authentication over Thrift HTTP
- THRIFT-876: SASL integration
- Howl Authorization Proposal
- Hive Authorization Proposal

Note that Howl was the precursor to HCatalog.