

Cloudera Runtime 7.2.0

Securing Cloudera Search

Date published: 2020-01-27

Date modified:

The Cloudera logo, featuring the word "CLOUDERA" in a bold, orange, sans-serif font. The letter "E" is stylized with a horizontal bar through its center.

<https://docs.cloudera.com/>

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Cloudera Search security aspects

Cloudera Search security covers the following security aspects:

- Securing network communication

Cloudera Search supports TLS for encrypting communications over a network.

- Authentication

Cloudera Search supports Kerberos and LDAP for authentication.

- Authorization

Cloudera Search supports Apache Ranger for authorization.

Manage Ranger authorization in Solr

Using Cloudera Manager, you can turn on and off Ranger authorization for your Solr service.

About this task

Ranger restrictions are consistently applied regardless of the way users attempt to complete actions. For example, restricting access to data in a collection consistently restricts that access, whether queries come from the command line, from a browser, or through the admin console.

Procedure

1. In Cloudera Manager select the Solr service.
2. Select Configuration and find the RANGER Service property.
3. To turn on Ranger authorization, select the Ranger service that you want the Solr service to depend on. To turn off Ranger authorization, unselect the Ranger service.
4. Click Save Changes.
5. Restart the Solr service.

Results

Ranger authorization for Solr is enabled. The Solr service depends on the selected Ranger service for authorization.