Cloudera Runtime 7.2.11

Configuring Apache ZooKeeper

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CLOUDERA

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Contents

Enable the AdminServer

AdminServer is a diagnostics REST interface that provides simple diagnostics and metrics through HTTP. It is disabled by default, but you can enable it and change the server port using Cloudera Manager.

Procedure

1. In Cloudera Manager, select the ZooKeeper service.
2. Click the Configuration tab.
3. Search for admin.
4. Find Enable ZooKeeper Admin Server and select the role configuration groups on which you want to allow the AdminServer.
5. Find Admin Server Portal and change the port number if necessary.

   Its default value is 5181.
6. Click Save Changes.

Configure four-letter-word commands in ZooKeeper

Four-letter-words commands are simple diagnostics commands that can be used over telnet for ZooKeeper. These commands can be configured with Cloudera Manager.

About this task

You can configure which four-letter-words commands you want to enable in ZooKeeper. By default the wchp and the wchc commands are disabled.

Procedure

1. In Cloudera Manager, select the ZooKeeper service.
2. Click the Configuration tab.
3. Search for 4lw.
4. Find the ZooKeeper 'Four Letter Word' Command Whitelist property.
5. Use the minus and plus icon to remove or add four-letter-word commands to the allowlist.

   By default the following commands are on the allowlist: conf, cons, crst, dirs, dump, envi, gtmk, ruok, stmk, srst, stat, wchs, mntr, and isro.

   The wchp and wchc commands are not enabled by default because of their known DOS vulnerability. For more information, see ZOOKEEPER-2693.

   If * is set, all commands are enabled.
6. Click Save Changes.