

Cloudera Runtime 7.1.5

Streams Replication Manager Reference

Date published: 2020-05-21

Date modified: 2020-12-02

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.

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Contents

srm-control Options Reference.....	4
Configuration Properties Reference for Properties not Available in Cloudera Manager.....	4

srm-control Options Reference

A collection of all options and their descriptions for the srm-control command line tool.

Table 1: Topics and groups subcommand properties

Options	Description
-h, --help	Shows the help message.
--source	Specifies the source cluster
--target	Specifies the target cluster
--config	Specifies the SRM configuration file to use.
--add	Specifies topics or groups to add to the allowlist
--remove	Specifies topics or groups to remove from the allowlist
--add-blacklist	Specifies topics or groups to add to the denylist
--remove-blacklist	Specifies topics or groups to remove from the denylist
--list	Lists current allowlist and denylist
--bootstrap-servers	Specifies the bootstraps servers
--producer-props	Specifies producer configuration properties
--consumer-props	Specifies consumer configuration properties
--props	Specifies client configuration properties

Table 2: Offsets subcommand properties

Option	Description
-h, --help	Shows the help message.
--source	Specifies the source cluster
--target	Specifies the target cluster
--config	Specifies the SRM configuration file to use.
--export	Export translated offsets
--group	Specifies the groups translated offsets should be exported for
--bootstrap-servers	Specifies the bootstraps servers
--props	Specifies client configuration properties

Configuration Properties Reference for Properties not Available in Cloudera Manager

A collection of SRM configuration properties not available in Cloudera Manager

The following table lists all SRM specific configuration properties that are not available directly for configuration via Cloudera Manager.

Property	Default Value	Description
sync.topic.configs.enabled	true	Enables the monitoring of the source cluster for configuration changes.
emit.heartbeats.enabled	true	Enables periodic emission of heartbeats.
emit.heartbeats.interval.seconds	5 (seconds)	The interval at which SRM emits heartbeats.
emit.checkpoints.enabled	true	Enables periodic emission of consumer offset information.
refresh.topics.enabled	true	Enables a periodical check for new topics on source clusters.
refresh.groups.enabled	true	Enables a periodical check for new consumer groups on source clusters.
replication.policy.class	org.apache.kafka.connect.mirror.DefaultReplicationPolicy	Replication policy to use.
replication.factor	2	Replication factor used for remote topics.
heartbeats.topic.replication.factor	3	Replication factor used for internal heartbeat topics.
checkpoints.topic.replication.factor	3	Replication factor used for internal checkpoints topics.
offset-syncs.topic.replication.factor	3	Replication factor used for internal offset-syncs topics.