

Reference

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Strimzi Cluster Operator Helm chart configuration reference

A reference listing all configurable properties of the Strimzi Cluster Operator Helm chart.

Configure these properties during installation in your helm install command, or update them after installation using helm upgrade. Use --set options to specify properties. For example:

```
helm install strimzi-cluster-operator \
  --namespace [***NAMESPACE***] \
  --set 'image.imagePullSecrets[0].name=[***SECRET NAME***]' \
  --set-file clouderaLicense.fileContent=[***PATH TO LICENSE FILE***] \
  --set watchAnyNamespace=true \
  oci://container.repository.cloudera.com/cloudera-helm/csm-operator/strimzi
-kafka-operator \
  --version 1.4.0-b199
```

Table 1: Strimzi Cluster Operator Helm chart configuration properties reference

Parameter	Description	Default
replicas	Number of replicas of the cluster operator	1
revisionHistoryLimit	Number of replicaSet to keep of the operator deployment	10
watchNamespaces	Comma separated list of additional namespaces for the strimzi-operator to watch	[]
watchAnyNamespace	Watch the whole Kubernetes cluster (all namespaces)	false
defaultImageRegistry	Default image registry for all the images	container.repository.cloudera.com
defaultImageRepository	Default image registry for all the images	cloudera
defaultImageTag	Default image tag for all the images except Kafka Bridge	0.45.0.1.4.0-b199
image.registry	Override default Cluster Operator image registry	nil
image.repository	Override default Cluster Operator image repository	nil
image.name	Cluster Operator image name	kafka-operator
image.tag	Override default Cluster Operator image tag	nil
image.digest	Override Cluster Operator image tag with digest	nil
image.imagePullPolicy	Image pull policy for all pods deployed by Cluster Operator	IfNotPresent
image.imagePullSecrets	List of Docker registry pull secrets	[]
fullReconciliationIntervalMs	Full reconciliation interval in milliseconds	120000
leaderElection.enable	Whether to enable leader election	true
operationTimeoutMs	Operation timeout in milliseconds	300000
operatorNamespaceLabels	Labels of the namespace where the operator runs	nil

Parameter	Description	Default
podSecurityContext	Cluster Operator pod's security context	nil
priorityClassName	Cluster Operator pod's priority class name	nil
securityContext	Cluster Operator container's security context	nil
rbac.create	Whether to create RBAC related resources	yes
serviceAccountCreate	Whether to create a service account	yes
serviceAccount	Cluster Operator's service account	strimzi-cluster-operator
podDisruptionBudget.enabled	Whether to enable the podDisruptionBudget feature	false
podDisruptionBudget.minAvailable	Default value for how many pods must be running in a cluster	1
podDisruptionBudget.maxUnavailable	Default value for how many pods can be down	nil
extraEnvs	Extra environment variables for the Cluster operator container	[]
kafka.image.registry	Override default Kafka image registry	nil
kafka.image.repository	Override default Kafka image repository	nil
kafka.image.name	Kafka image name	kafka
kafka.image.tagPrefix	Override default Kafka image tag prefix	nil
kafka.image.tag	Override default Kafka image tag and ignore suffix	nil
kafka.image.digest	Override Kafka image tag with digest	nil
kafkaConnect.image.registry	Override default Kafka Connect image registry	nil
kafkaConnect.image.repository	Override default Kafka Connect image repository	nil
kafkaConnect.image.name	Kafka Connect image name	kafka
kafkaConnect.image.tagPrefix	Override default Kafka Connect image tag prefix	nil
kafkaConnect.image.tag	Override default Kafka Connect image tag and ignore suffix	nil
kafkaConnect.image.digest	Override Kafka Connect image tag with digest	nil
kafkaMirrorMaker.image.registry	Override default Kafka Mirror Maker image registry	nil
kafkaMirrorMaker.image.repository	Override default Kafka Mirror Maker image repository	nil
kafkaMirrorMaker.image.name	Kafka Mirror Maker image name	kafka
kafkaMirrorMaker.image.tagPrefix	Override default Kafka Mirror Maker image tag prefix	nil
kafkaMirrorMaker.image.tag	Override default Kafka Mirror Maker image tag and ignore suffix	nil
kafkaMirrorMaker.image.digest	Override Kafka Mirror Maker image tag with digest	nil
cruiseControl.image.registry	Override default Cruise Control image registry	nil
cruiseControl.image.repository	Override default Cruise Control image repository	nil
cruiseControl.image.name	Cruise Control image name	kafka

Parameter	Description	Default
cruiseControl.image.tagPrefix	Override default Cruise Control image tag prefix	nil
cruiseControl.image.tag	Override default Cruise Control image tag and ignore suffix	nil
cruiseControl.image.digest	Override Cruise Control image tag with digest	nil
topicOperator.image.registry	Override default Topic Operator image registry	nil
topicOperator.image.repository	Override default Topic Operator image repository	nil
topicOperator.image.name	Topic Operator image name	kafka-operator
topicOperator.image.tag	Override default Topic Operator image tag	nil
topicOperator.image.digest	Override Topic Operator image tag with digest	nil
userOperator.image.registry	Override default User Operator image registry	nil
userOperator.image.repository	Override default User Operator image repository	nil
userOperator.image.name	User Operator image name	kafka-operator
userOperator.image.tag	Override default User Operator image tag	nil
userOperator.image.digest	Override User Operator image tag with digest	nil
kafkaInit.image.registry	Override default Init Kafka image registry	nil
kafkaInit.image.repository	Override default Init Kafka image repository	nil
kafkaInit.image.name	Init Kafka image name	operator
kafkaInit.image.tag	Override default Init Kafka image tag	nil
kafkaInit.image.digest	Override Init Kafka image tag with digest	nil
kafkaBridge.image.registry	Override default Kafka Bridge image registry	quay.io
kafkaBridge.image.repository	Override default Kafka Bridge image repository	strimzi
kafkaBridge.image.name	Kafka Bridge image name	kafka-bridge
kafkaBridge.image.tag	Override default Kafka Bridge image tag	0.31.1
kafkaBridge.image.digest	Override Kafka Bridge image tag with digest	nil
kafkaExporter.image.registry	Override default Kafka Exporter image registry	nil
kafkaExporter.image.repository	Override default Kafka Exporter image repository	nil
kafkaExporter.image.name	Kafka Exporter image name	kafka
kafkaExporter.image.tagPrefix	Override default Kafka Exporter image tag prefix	nil
kafkaExporter.image.tag	Override default Kafka Exporter image tag and ignore suffix	nil
kafkaExporter.image.digest	Override Kafka Exporter image tag with digest	nil
kafkaMirrorMaker2.image.registry	Override default Kafka Mirror Maker 2 image registry	nil
kafkaMirrorMaker2.image.repository	Override default Kafka Mirror Maker 2 image repository	nil
kafkaMirrorMaker2.image.name	Kafka Mirror Maker 2 image name	kafka

Parameter	Description	Default
kafkaMirrorMaker2.image.tagPrefix	Override default Kafka Mirror Maker 2 image tag prefix	nil
kafkaMirrorMaker2.image.tag	Override default Kafka Mirror Maker 2 image tag and ignore suffix	nil
kafkaMirrorMaker2.image.digest	Override Kafka Mirror Maker 2 image tag with digest	nil
kanikoExecutor.image.registry	Override default Kaniko Executor image registry	nil
kanikoExecutor.image.repository	Override default Kaniko Executor image repository	nil
kanikoExecutor.image.name	Kaniko Executor image name	kaniko-executor
kanikoExecutor.image.tag	Override default Kaniko Executor image tag	nil
kanikoExecutor.image.digest	Override Kaniko Executor image tag with digest	nil
resources.limits.memory	Memory constraint for limits	384Mi
resources.limits.cpu	CPU constraint for limits	1000m
resources.requests.memory	Memory constraint for requests	384Mi
livenessProbe.initialDelaySeconds	Liveness probe initial delay in seconds	10
livenessProbe.periodSeconds	Liveness probe period in seconds	30
readinessProbe.initialDelaySeconds	Readiness probe initial delay in seconds	10
readinessProbe.periodSeconds	Readiness probe period in seconds	30
imageTagOverride	Override all image tag config	nil
createGlobalResources	Allow creation of cluster-scoped resources	true
createAggregateRoles	Create cluster roles that extend aggregated roles to use Strimzi CRDs	false
tolerations	Add tolerations to Operator Pod	[]
affinity	Add affinities to Operator Pod	{}
annotations	Add annotations to Operator Pod	{}
labels	Add labels to Operator Pod	{}
nodeSelector	Add a node selector to Operator Pod	{}
featureGates	Feature Gates configuration	nil
tmpDirSizeLimit	Set the sizeLimit for the tmp dir volume used by the operator	1Mi
labelsExclusionPattern	Override the exclude pattern for exclude some labels	""
generateNetworkPolicy	Controls whether Strimzi generates network policy resources	true
connectBuildTimeoutMs	Overrides the default timeout value for building new Kafka Connect	300000
mavenBuilder.image.registry	Override default Maven Builder image registry	nil
mavenBuilder.image.repository	Maven Builder image repository	nil
mavenBuilder.image.name	Override default Maven Builder image name	maven-builder
mavenBuilder.image.tag	Override default Maven Builder image tag	nil
mavenBuilder.image.digest	Override Maven Builder image tag with digest	nil

Parameter	Description	Default
logConfiguration	Override default log4j.properties content	nil
logLevel	Override default logging level	INFO
dashboards.enable	Generate configmaps containing the dashboards	false
dashboards.label	How should the dashboards be labeled for the sidecar	grafana_dashboard
dashboards.labelValue	What should the dashboards label value be for the sidecar	"1"
dashboards.extraLabels	Any additional labels you would like on the dashboards	{}
dashboards.namespace	What namespace should the dashboards be loaded into	Follows toplevel Namespace
dashboards.annotations	Any custom annotations (such as folder for the sidecar)	{}
clouderaLicense.fileContent	Cloudera license content	nil
clouderaLicense.secretRef	The name of the Kubernetes secret that contains the Cloudera license	nil

Related Information[Configuring the Strimzi Cluster Operator](#)

Cloudera Surveyor for Apache Kafka Helm chart configuration reference

A reference listing all configurable properties of the Cloudera Surveyor Helm chart.

Configure these properties during installation in your helm install command, or update them after installation using helm upgrade. Use the --values (-f) and --set options to specify properties. For example:

```
helm install cloudera-surveyor \
  --namespace [***NAMESPACE***] \
  --values [***VALUES FILE***] \
  --set-file surveyorConfig.surveyor.authentication.keys.active=[***PATH TO AUTHENTICATION KEY FILE***] \
  --set 'image.imagePullSecrets=[***CLOUDERA CREDENTIAL SECRET***]' \
  --set-file clouderaLicense.fileContent=[***PATH TO LICENSE FILE***] \
  oci://container.repository.cloudera.com/cloudera-helm/csm-operator/surveyor \
  --version 1.4.0-b199
```

Properties are grouped into two tables. The *General Properties* table lists configuration properties for customizing the overall deployment of Cloudera Surveyor, including settings for global Kafka client configurations, authentication, TLS, Ingress, Secret management, and others.

The *ClusterConfigs Properties* table lists configuration properties that specify which Kafka clusters Cloudera Surveyor connects to and how connections are established. These properties include settings for cluster identification, per-cluster client configuration, alert thresholds, and more.

Table 2: General Properties

Property	Description	Default Value
replicaCount	The ReplicaSet count.	2
image.registry	The container image registry where the image is hosted.	container.repository.cloudera.com
image.repository	The repository name of the container image.	cloudera
image.name	The name of the container image.	surveyor
image.tag	The tag of the container image to use.	latest
image.pullPolicy	The policy to use when pulling the container image.	IfNotPresent
image.uiName	The name of the UI container image.	surveyor-app
image.uiTag	The tag of the UI container image.	latest
service.type	The type of Kubernetes Service.	NodePort
service.port	The port exposed by the Service.	8080
service.targetPort	The target port for the Service within the container.	8080
service.tlsPort	The port exposed by the Service for TLS connections.	8443
service.tlsTargetPort	The target port for TLS connections within the container.	8443
surveyorConfig.*	Cloudera Surveyor configuration object.	{}
surveyorConfig.surveyor.commonClientConfig	Kafka client configuration properties applied to all clients. Must contain upstream Kafka client properties as a map. Use clusterConfigs.clusters[*].commonClientConfig to set client configuration on a per-cluster basis.	{}
surveyorConfig.surveyor.snapshotClientPool.clientCount	Number of Kafka clients used for snapshotting clusters. Use clusterConfigs.clusters[*].snapshotClientPool.clientCount to set the client count on a per-cluster basis. Cloudera recommends using the default value. Increase the client count if snapshotting data from the cluster is slow.	5
surveyorConfig.surveyor.snapshotClientPool.clientConfig	Kafka client configuration properties applied to all snapshot clients. Must contain upstream Kafka client properties as a map. Use clusterConfigs.clusters[*].snapshotClientPool.clientConfig to set snapshot client configuration on a per-cluster basis.	{}
surveyorConfig.surveyor.adminClientPool.clientCount	Number of Kafka clients used for administrative operations. Administrative operations include actions such as managing topics (create, delete, alter) and managing consumer groups (delete, reset-offsets). Use clusterConfigs.clusters[*].adminClientPool.clientCount to set the client count on a per-cluster basis.	2
surveyorConfig.surveyor.adminClientPool.clientConfig	Kafka client configuration properties applied to all admin clients. Must contain upstream Kafka client properties as a map. Use clusterConfigs.clusters[*].adminClientPool.clientConfig to set admin client configuration on a per-cluster basis.	{}

Property	Description	Default Value
surveyorConfig.surveyor.maxGlobalSnapshotParallelism	Maximum number of usable threads for processing snapshots across all clusters. Note that this does not control the maximum number of threads created rather the number of active threads. This also does not limit the number of threads in use by the kafka clients. Defaults to the number of available processor cores at runtime.	null
surveyorConfig.surveyor.globalSnapshotInterval	Interval specifying how frequently snapshots are made for all clusters in ISO 8601 representation. Use clusterConfigs.clusters[*].snapshotInterval to configure snapshot interval on a per-cluster basis.	PT3M (3 minutes)
surveyorConfig.surveyor.globalAclFetchInterval	Interval specifying how frequently ACLs are fetched and refreshed for all clusters in ISO 8601 representation. Use clusterConfigs.clusters[*].authorization.aclFetchInterval to configure the ACL fetching interval on a per-cluster basis.	PT1M (1 minute)
surveyorConfig.surveyor.globalSnapshotTimeout	Interval specifying the timeout of the snapshot operation for all clusters in ISO 8601 representation. Use clusterConfigs.clusters[*].snapshotTimeout to configure the snapshot operation timeout on a per-cluster basis.	PT1M (1 minute)
surveyorConfig.surveyor.globalSnapshotTtl	Interval specifying how long the last successful snapshot is kept when subsequent snapshots are failing for all clusters in ISO 8601 representation. Use clusterConfigs.clusters[*].snapshotTtl to configure the TTL of the last successful snapshot on a per-cluster basis.	PT8M (8 minutes)
surveyorConfig.surveyor.snapshotMaxJitter	Interval specifying the maximum initial jitter of snapshotting for all clusters in ISO 8601 representation.	PT10S (10 seconds)
surveyorConfig.surveyor.authentication.enabled	Enables or disables authentication.	true
surveyorConfig.surveyor.authentication.keys.active	The secure key used to sign authentication tokens. It must be random bytes of at least 32 length.	none
surveyorConfig.surveyor.authentication.keys.passive	The secure key used to verify authentication tokens during authentication key rolling. When used, it should be set to the previously active key.	none
surveyorConfig.surveyor.authentication.principalMappingRule	Central principal mapping rule used to transform user principals into short names before evaluating authorization permissions. You can specify multiple rules, which are evaluated in order. The first rule that matches a principal name is applied for mapping, subsequent rules are ignored. The supported format is: 'RULE:pattern/replacement/', 'RULE:pattern/replacement/', 'DEFAULT'. This property works the same way as the ssl.principal.mapping.rules property in Kafka.	DEFAULT
surveyorConfig.surveyor.authentication.userSessionTimeout	Time interval after which users are required to relogin into Cloudera Surveyor in ISO 8601 representation.	P1D (1 day)
surveyorConfig.surveyor.authentication.inactivityTimeout	User inactivity timeout in ISO 8601 representation. If users are inactive for the duration of this timeout, they are required to relogin into Cloudera Surveyor.	PT1H (1 hour)

Property	Description	Default Value
surveyorConfig.surveyor.authentication.tokenRenewalInterval	Authentication token renewal interval in ISO 8601 representation. This must be smaller than inactivityTimeout, recommended not to be larger than half of the inactivityTimeout.	PT10M (10 minutes)
surveyorConfig.quarkus.*	Quarkus specific configurations.	{}
tlsConfigs.enabled	Enables or disables TLS.	true
tlsConfigs.secretRef	The name of the Secret containing TLS configuration properties.	"tls-config"
clouderaLicense.fileContent	The contents of the Cloudera license. Use with --set-file to generate a Secret automatically that contains the Cloudera license.	none
clouderaLicense.secretRef	The name of the Secret containing the Cloudera license file.	none
ingress.enabled	Enables or disables external access through Ingress.	false
ingress.protocol	The Ingress protocol.	"HTTP"
ingress.className	The Ingress controller class.	none
ingress.rules.host	The host of the Ingress rule.	"none"
ingress.rules.path	The Ingress path.	"/"
ingress.rules.port	The port of the Ingress rule. This is the port of the Kubernetes Service that the Ingress forwards requests to.	"8080"
ingress.tls.enabled	Enables or disables TLS for Ingress.	true
ingress.tls.issuer	The issuer for Ingress TLS certificates.	none
ingress.tls.secretRef	The name of the Secret containing Ingress TLS certificates.	"ingress-tls-cert"
globalTruststore.secretRef.name	The name of the Secret containing the global Cloudera Surveyor truststore.	none
globalTruststore.secretRef.key	The key in the Secret containing the global Cloudera Surveyor truststore.	none
globalTruststore.type	The type of the global Cloudera Surveyor truststore. Can be PKCS12 or JKS.	PKCS12
globalTruststore.password.secretRef.name	The name of the Secret containing the global truststore password.	none
globalTruststore.password.secretRef.key	The key of the Secret containing the global truststore password.	none
podSecurityContext	Security context settings at the pod level.	{}
containerSecurityContext	Security context settings at the container level.	{}
resources	Resource requests and limits for the Cloudera Surveyor container.	{}
scheduling.nodeSelector	Node selector constraints for pod scheduling.	{}
scheduling.affinity	Affinity rules for more complex pod scheduling. Includes nodeAffinity, podAffinity, and podAntiAffinity.	{}
scheduling.tolerations	Tolerations to allow pod scheduling on nodes with matching taints.	[]
scheduling.topologySpreadConstraints	Constraints for distributing pods across the cluster topology.	[]

Property	Description	Default Value
env	List of environment variables to be set in the Cloudera Surveyor container. Can be specified as direct values or references to secrets/configmaps.	See below
secretsToMount[*]	List of secrets to mount	[]
secretsToMount[*].secretRef	The name of the secret to mount	none
secretsToMount[*].create	If set to true a new secret will be created	false
secretsToMount[*].items[*]	List of items in the secret to mount. If empty all items will be mounted	[]
secretsToMount[*].items[*].key	Key of the item in the secret	none
secretsToMount[*].items[*].path	Path of the mounted item relative to /opt/secrets/****SECRET NAME****/	none
secretsToMount[*].items[*].content	If create is set to true the content of this item in the newly created secret	none

Table 3: ClusterConfigs Properties

Property	Description	Default Value
clusterConfigs.clusters[*]	Array of connected clusters and their client configuration.	[]
clusterConfigs.clusters[*].clusterName	The name of the cluster. This name is displayed on the UI.	``
clusterConfigs.clusters[*].tags	A list of arbitrary tags associated with the cluster. Use tags to logically group and organize clusters. For example, by department, geographic location, or environment. Properly tagging clusters makes it easier to filter and organize them on the UI.	[]
clusterConfigs.clusters[*].bootstrapServers	A comma-separated list of the bootstrap servers for the Kafka cluster that Cloudera Surveyor connects to. Specify multiple servers for highly available connections.	``
clusterConfigs.clusters[*].snapshotInterval	Interval specifying how frequently snapshots are made for this cluster in ISO 8601 representation. Overrides surveyorConfig.surveyor.globalSnapshotInterval.	null
clusterConfigs.clusters[*].snapshotTimeout	Interval specifying the timeout of the snapshot operation in ISO 8601 representation. Overrides surveyorConfig.surveyor.globalSnapshotTimeout.	null
clusterConfigs.clusters[*].snapshotTtl	Interval specifying how long the last successful snapshot is kept when subsequent snapshots are failing in ISO 8601 representation. Overrides surveyorConfig.surveyor.globalSnapshotTtl.	null
clusterConfigs.clusters[*].commonClientConfig	Kafka client configuration properties applied to all clients for this cluster. Must contain upstream Kafka client properties as a map. Properties specified here are merged with, and take precedence over, the client configuration specified in surveyorConfig.surveyor.*.	{}

Property	Description	Default Value
clusterConfigs.clusters[*].snapshotClientPool.clientCount	Number of Kafka clients used for snapshotting this cluster. Overrides surveyorConfig.surveyor.snapshotClientPool.clientCount. Cloudera recommends using the default value. Increase the client count if snapshotting data from the cluster is slow.	null
clusterConfigs.clusters[*].snapshotClientPool.clientConfig	Kafka client configuration properties applied to all snapshot clients for this cluster. Must contain upstream Kafka client properties as a map. Properties specified here are merged with, and take precedence over, the client configuration specified in surveyorConfig.surveyor.* and clusterConfigs.clusters[*].commonClientConfig.	{}
clusterConfigs.clusters[*].adminClientPool.clientCount	Number of Kafka clients to use for administrative operations in this cluster. Administrative operations include actions such as managing topics (create, delete, alter) and managing consumer groups (delete, reset-offsets). Overrides surveyorConfig.surveyor.adminClientPool.clientCount.	null
clusterConfigs.clusters[*].adminClientPool.clientConfig	Kafka client configuration properties applied to all admin clients for this cluster. Must contain upstream Kafka client properties as a map. Properties specified here are merged with, and take precedence over, the client configuration specified in surveyorConfig.surveyor.* and clusterConfigs.clusters[*].commonClientConfig.	{}
clusterConfigs.clusters[*].adminOperationTimeout	Timeout used for administrative operations.	null
clusterConfigs.clusters[*].allTopicConfigsFetchRetries	Number of retries when fetching all the available topic configurations in the cluster.	null
clusterConfigs.clusters[*].alertConfigs.logDirectoryUsageConcerningThresholdPercent	The percentage of log directory usage that triggers a concerning alert.	null
clusterConfigs.clusters[*].alertConfigs.logDirectoryUsageCriticalThresholdPercent	The percentage of log directory usage that triggers a critical alert.	null
clusterConfigs.clusters[*].alertConfigs.diskVolumeImbalanceThresholdPercent	The percentage that a log directory's size can differ from the average size of all log directories before an alert is triggered.	null
clusterConfigs.clusters[*].alertConfigs.brokerVolumeImbalancePercent	The percentage that a broker's total log directory size can differ from the average across all brokers before an alert is triggered.	null
clusterConfigs.clusters[*].alertConfigs.brokerReplicaImbalancePercent	The percentage that the number of replicas hosted on a broker can differ from the average across all brokers before an alert is triggered.	null
clusterConfigs.clusters[*].alertConfigs.brokerLeaderImbalancePercent	The percentage that the number of leader replicas hosted on a broker can differ from the average across all brokers before an alert is triggered.	null
clusterConfigs.clusters[*].alertConfigs.totalLagConcerning	The amount of lag for a consumer group that triggers a concerning alert.	null
clusterConfigs.clusters[*].alertConfigs.totalLagCritical	The amount of lag for a consumer group that triggers a critical alert.	null
clusterConfigs.clusters[*].authorization.enabled	Enables authorization.	true

Property	Description	Default Value
clusterConfigs.clusters[*].authorization.aclFetchInterval	Interval specifying how frequently ACLs are fetched and refreshed for this cluster in ISO 8601 representation. Overrides surveyorConfig.surveyor.globalAclFetchInterval.	null
clusterConfigs.clusters[*].authorization.principalMappingRule	Principal mapping rule. Follows the syntax of Kafka's ssl.principal.mapping.rules property.	DEFAULT
clusterConfigs.clusters[*].authorization.superUsers	List of superusers.	[]
clusterConfigs.clusters[*].authorization.defaultResult	Default result of the authorization. Accepted values are: DENIED or ALLOWED.	DENIED



Note: All Kafka clients used by Cloudera Surveyor are configured to use the **DirectoryConfigProvider**. This enables you to reference the contents of a file as a property value instead of hard-coding it. The references are replaced with the file's content. Use the following syntax to reference files:

```
${dir:[***FULL DIR PATH***]:[***FILENAME***]}
```

Files must be mounted as `Secret` before you can reference values. For more information, see *Registering Kafka clusters*.

Related Information

[Registering Kafka clusters](#)

[Cloudera Surveyor configuration overview](#)