

7.1.4

Kafka Connect Connector Reference

Date published: 2020-05-21

Date modified: 2020-10-07

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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HDFS Sink Connector Properties Reference

HDFS Sink Connector Properties Reference.

The following table collects connector properties that are specific for the HDFS Sink Connector. For properties common to all sink connectors, see the upstream Apache Kafka documentation.

Property Name	Description	Type	Default Value	Accepted Values	Recommended Values
hdfs.uri	The Hadoop file system URI to connect to on the destination HDFS cluster.	String	None		
hdfs.output	The root directory on the HDFS cluster where all the output files will reside. The sub path has the following pattern: {topic}/{topic}_{partition}_{endoffset}. {file extension}	String	/tmp		Any path on the HDFS file system where the role has read write permission.
hdfs.kerberos.authentication	Enables or disables secure access to the HDFS cluster by authenticating with Kerberos.	Boolean	false	true or false	
hdfs.kerberos.user.principal	The kerberos user principal.	String	null	The host-dependent Kerberos principal assigned to the Kafka Connect role.	
hdfs.kerberos.keytab.path	The path to the Kerberos keytab file.	String	null		In a Cloudera Manager provisioned environment, it's recommended to use the Cloudera Manager Config Provider to automatically provision the path.
hdfs.kerberos.namenode.principal	The kerberos name node principal. Required when the HDFS cluster has data encryption on.	String	null		
hadoop.conf.path	The path to the site specific Hadoop configuration XML files. Required when the HDFS cluster has data encryption on.	String	null		

Property Name	Description	Type	Default Value	Accepted Values	Recommended Values
output.writer	The output file writer which determines the type of file to be written to the HDFS cluster. The value of this property should be the FQCN of a class that implements the PartitionWriter interface.	String	null	- com.cloudera.dim.kafka.connect.partition.writers.avro.AvroPartitionWriter - com.cloudera.dim.kafka.connect.partition.writers.json.JsonPartitionWriter - com.cloudera.dim.kafka.connect.hdfs.parquet.ParquetPartitionWriter - com.cloudera.dim.kafka.connect.partition.writers.txt.TxtPartitionWriter	
output.avro.passthrough.enabled	Configures whether the output writer expects an Avro encoded Kafka Connect data record. Must match the configuration of value.converter.passthrough.enabled.	Boolean	true	true or false	True if input and output are both Avro.
value.converter	The converter to be used to translate the value field of the source Kafka record into Kafka Connect Data format.	String	Inherited from Kafka Connect worker properties.	- org.apache.kafka.connect.json.JsonConverter - org.apache.kafka.connect.storage.StringConverter - com.cloudera.dim.kafka.connect.converters.AvroConverter	
value.converter.schema.registry.url	The URL to the Schema Registry server.	String	null	true or false	
value.converter.passthrough.enabled	Configures whether the AvroConverter translates an Avro record into Kafka Connect Data or transparently passes the Avro encoded bytes as payload.	Boolean	true	true or false	True if input and output are both Avro.

Amazon S3 Sink Connector Properties Reference

Amazon S3 Sink Connector Properties Reference.

The following table collects connector properties that are specific for the Amazon S3 Sink Connector. For properties common to all sink connectors, see the upstream Apache Kafka documentation.

Property Name	Description	Type	Default Value	Accepted Values	Recommended Value
aws.s3.bucket	The target S3 bucket name.	String	none	Any valid S3 bucket name.	
aws.s3.service_endpoint	The target S3 host and port.	String	none	Any valid S3 endpoint.	
aws.access_key_id	The AWS secret key ID to authenticate.	String	none	Any valid secret key issued by AWS.	
aws.secret_access_key	The AWS secret access key to authenticate.	String	none	Any valid access key issued by AWS.	

Property Name	Description	Type	Default Value	Accepted Values	Recommended Value
value.converter	Value conversion class.	String	none		com.cloudera.dim.kafka.connect.converters
value.converter.passthrough.enabled	Configures whether the AvroConverter translates an Avro record into Kafka Connect Data or transparently passes the Avro encoded bytes as payload.	Boolean	true	true, false	True if input and output are both Avro.
value.converter.schema.registry.url	Points to the Schema Registry server.	String	none		
output.storage	The S3 storage implementation class.	String	none		com.cloudera.dim.kafka.connect.s3.S3Pa
output.writer	The output file writer which determines the type of file to be written. The value of this property should be the FQCN of a class that implements the PartitionWriter interface.	String	none	- com.cloudera.dim.kafka.connect.partition.writers.avro.AvroP - com.cloudera.dim.kafka.connect.partition.writers.json.JsonPa - com.cloudera.dim.kafka.connect.hdfs.parquet.ParquetPartitio - com.cloudera.dim.kafka.connect.partition.writers.txt.TxtParti	com.cloudera.dim.kafka.connect.partition
output.avro.passthrough.enabled	Configures Whether the output writer expects an Avro encoded Kafka Connect data record. Must match the configuration of value.converter.passthrough.enabled.	Boolean	none	true, false	True if input and output are both Avro.