



## PRODUCT DESCRIPTION:

### Lenses.io AWS S3 Enterprise Kafka Connector

The Lenses.io AWS S3 Enterprise Kafka Connector is an On-Premise solution, a component that the customer will install in their AWS environment. The AWS S3 Enterprise Kafka Connectors have the ability to source data held in AWS S3 buckets to a Kafka topic and from a Kafka topic into AWS S3 buckets.

Example use cases include:

- Integrating transactional data in S3 to power an event-driven application
- Hydrating a data warehouse based on S3, such as Snowflake
- Backing up a Kafka topic into S3
- Restoring data in an S3 bucket back into Kafka

The Connectors include a "Source Connector" and "Sink Connector".

The Connectors are designed to run on a compatible Apache Kafka Connect instance operated by the customer.

The customer must install the connectors (available from <https://github.com/lensesio/stream-reactor/tree/master/kafka-connect-aws-s3>) onto their own Kafka Connect environment.

The Source Connector:

- Connects to an AWS S3 bucket using credentials configured (such as ACCESS\_KEY & SECRET\_KEY) in the connector
- Reads data from an S3 bucket in formats including AVRO, Parquet, CSV, Text, JSON, and BYTES
- Writes data into a Kafka topic in formats including AVRO, JSON, and BYTES

The Sink Connector:

- Connects to an AWS S3 bucket using credentials configured (such as ACCESS\_KEY & SECRET\_KEY) in the connector
- Reads data from a Kafka topic in formats including JSON, CSV, BYTES, and AVRO
- Writes the data into files in an S3 bucket in formats including AVRO, JSON, BYTES, Parquet, and CSV

With enterprise support for the Lenses AWS S3 Enterprise Kafka Connector, customers are entitled to raise support incidents in accordance with their Lenses support contract and respective SLAs. Customers can recommend future product features they would like introduced into the Connectors.