



Amazon Kinesis

“How do we ingest streaming data to power our real-time applications?”

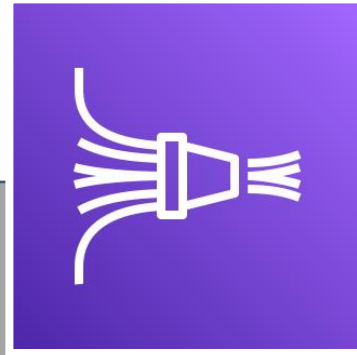
Kinesis for data collection and analysis

Amazon Kinesis Data
Streams



Collect and store data streams for analytics.

Amazon Kinesis Data
Firehose



Load data streams into AWS data stores.

Amazon Kinesis Data
Analytics



Analyze data streams with SQL or Apache Flink.

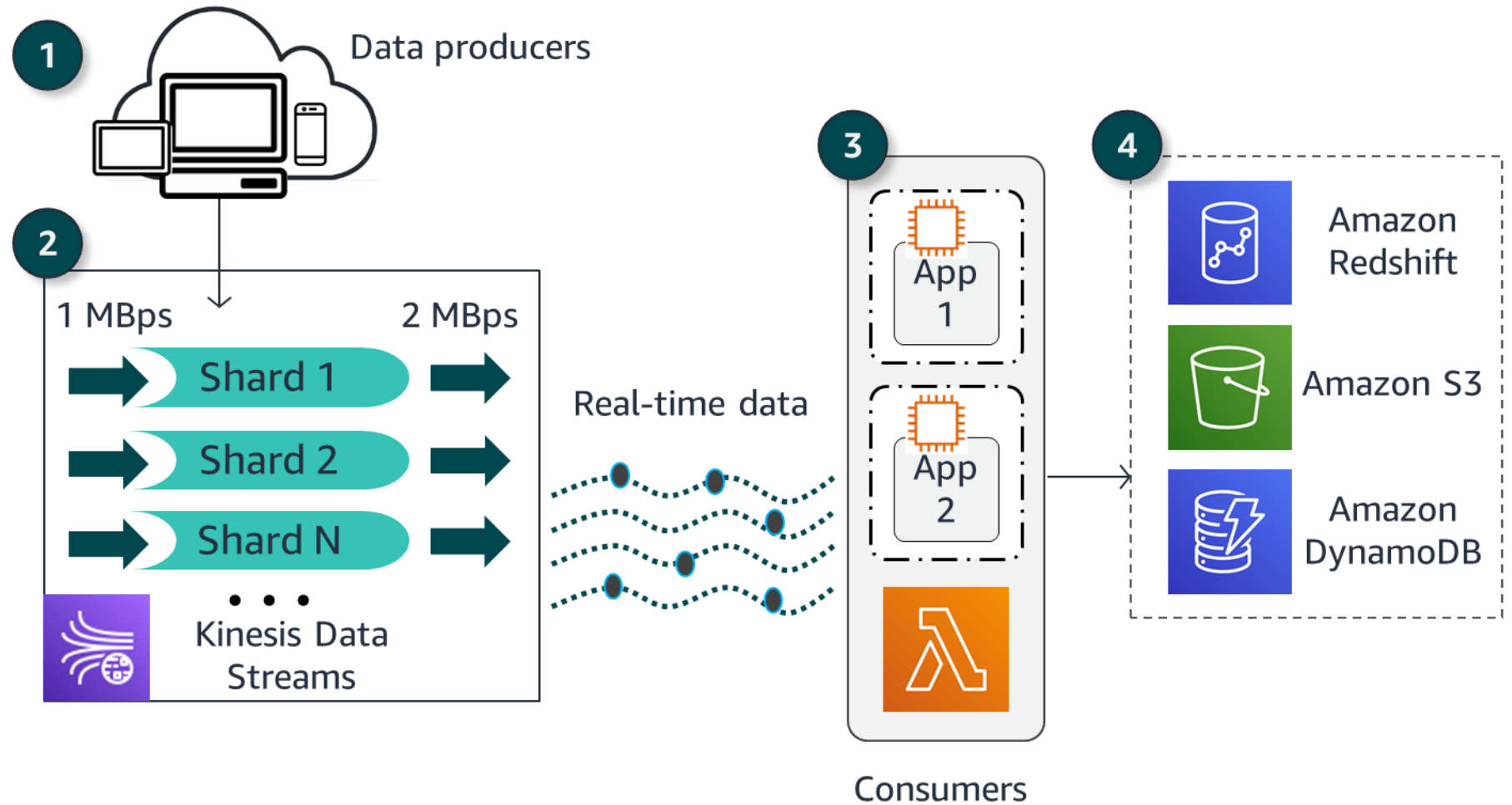
Amazon Kinesis Video
Streams



Collect and store video streams for analytics.

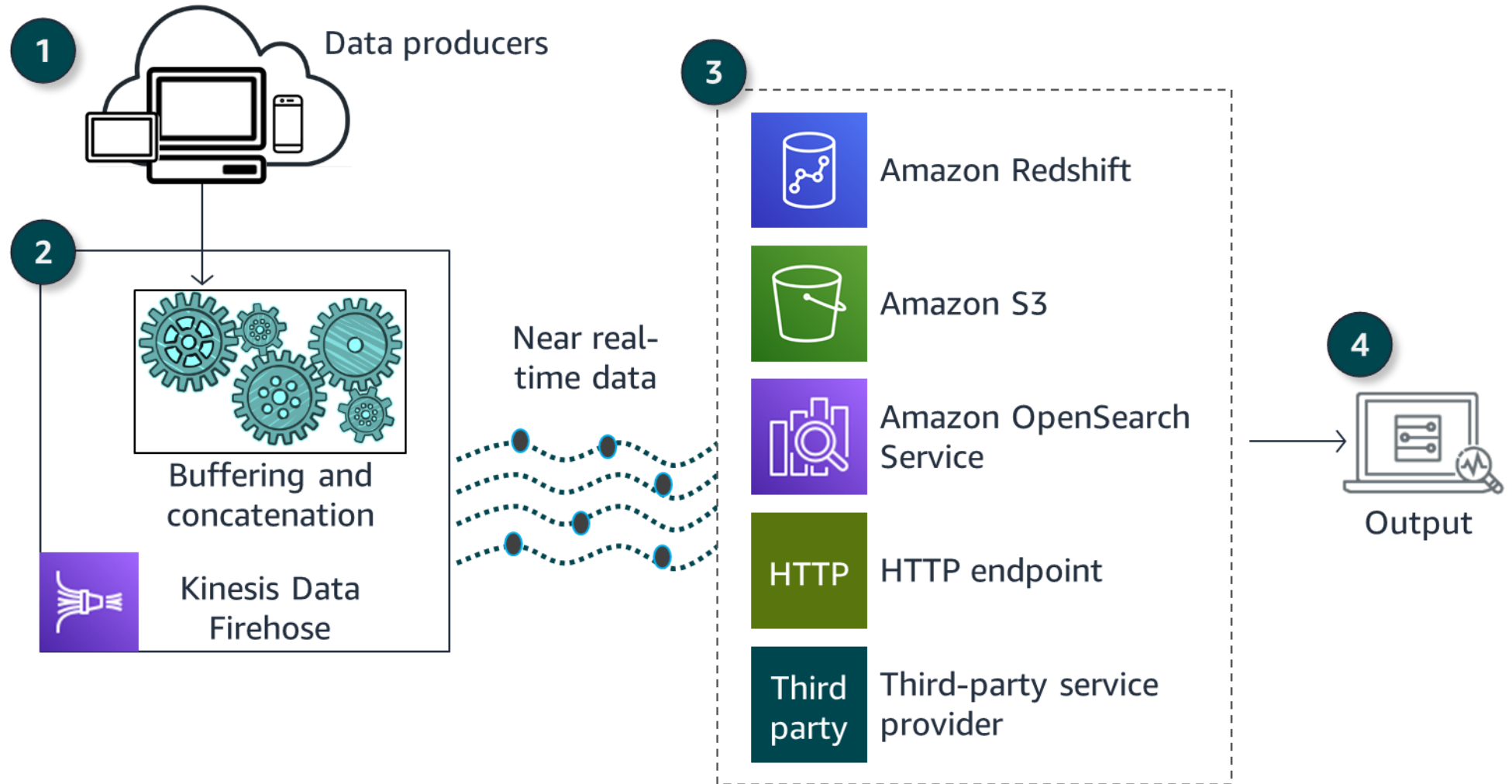
Kinesis Data Streams overview

1. Producers put data records into Kinesis Data Streams.
2. Shards hold real-time, sequenced data.
3. Consumers read from shards and process data.
4. Output can be stored using AWS services.



Kinesis Data Firehose overview

1. Data producers send data.
2. Data can be batched and compressed before loading it into AWS.
3. Kinesis Data Firehose writes to the destination.
4. Streaming data is processed using analytics and business intelligence.





Gracias