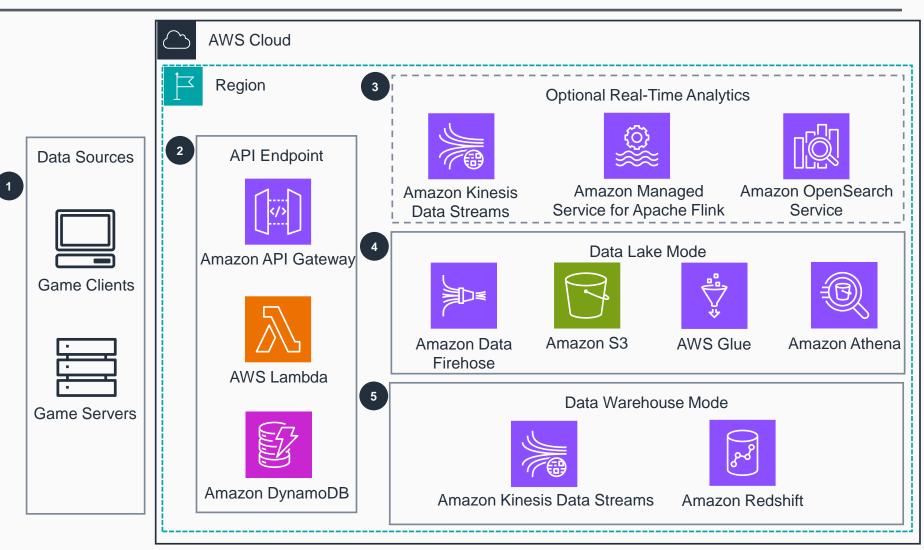
Guidance for Game Analytics Pipeline on AWS

This architecture diagram demonstrates a serverless analytics pipeline that ingests game telemetry data to provide developers with real-time insights through flexible storage and analysis options.



- The Game Analytics Pipeline Guidance can accept data from any HTTP/HTTPS REST based sources, such as Game Clients, Game Servers, or Backend services.
- A serverless, managed API backend infrastructure using Amazon API Gateway, AWS Lambda, and Amazon DynamoDB authenticates and either sends events or performs administrative tasks.
- An optional real-time analytics option using
 Amazon Kinesis Data Streams, Amazon
 Managed Service for Apache Flink, and
 Amazon OpenSearch Service deploys realtime ingest, processing, and dashboards.
- Deploy the guidance using a Data Lake to batch events using Amazon Data Firehose, store in Parquet format in Amazon Simple Storage Service (Amazon S3) with Hive or Iceberg tables, process data with AWS Glue, and query the data with Amazon Athena.
- When deploying the guidance using a Data Warehouse, ingest events from Amazon Kinesis Data Streams into Amazon Redshift in a serverless configuration. Amazon Redshift will include processing and querying capabilities for the data.