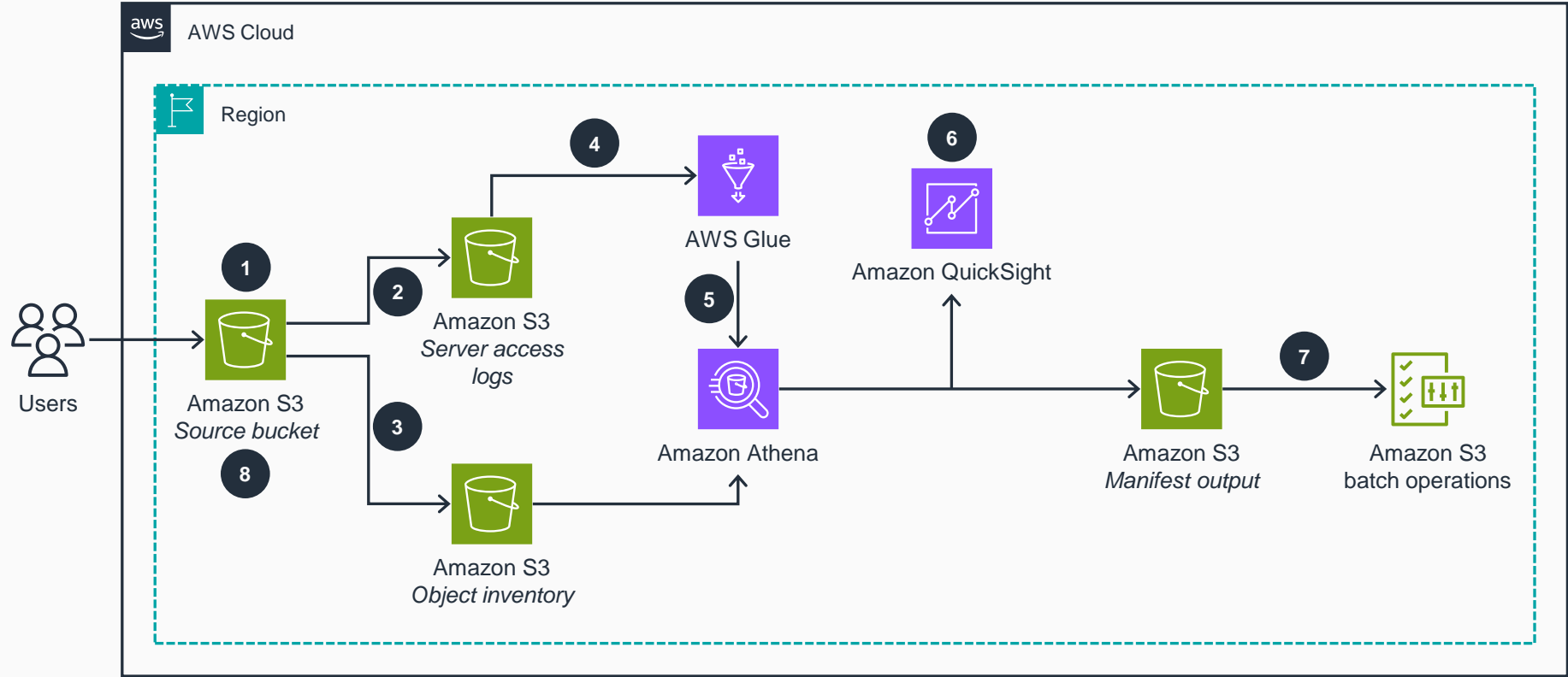


Guidance for Object-Level Insights and Cost Savings with Amazon S3

This architecture diagram shows how to achieve object-level insights in Amazon S3 and the ability to transition or expire objects based on their last access date.



- 1 Create an **Amazon Simple Storage Service (Amazon S3)** source bucket for your application workload.
- 2 Enable **Amazon S3** server access logs in your source bucket.
- 3 Enable **Amazon S3** Inventory reports in your source bucket.
- 4 **AWS Glue** converts server access logs from their original format to Apache Parquet for higher efficiency.
- 5 **Amazon Athena** runs analytics on your **Amazon S3** source bucket to give object-level insights.
- 6 **Amazon QuickSight** displays object-level insights on your dashboard.
- 7 Run a query in **Athena** to feed the **Amazon S3** bucket a manifest file of the objects you want to transition or delete. **Amazon S3** Batch Operations tags objects from the manifest for transition or deletion.
- 8 Enable **Amazon S3** Lifecycle management policies to transition or expire objects.

