

# AWS Cloud Cost Optimization

**Objective:** Create a AWS Lambda function that identifies EBS snapshots that are no longer associated with any active EC2 instance and deletes them to save on storage costs.

**Description:**

- The Lambda function fetches all EBS snapshots owned by the same account and also retrieves a list of active EC2 instances (running and stopped).
- For each snapshot, it checks if the associated volume (if exists) is not associated with any active instance.
- If it finds a stale snapshot (no longer is in use), it deletes it, effectively optimizing storage costs.