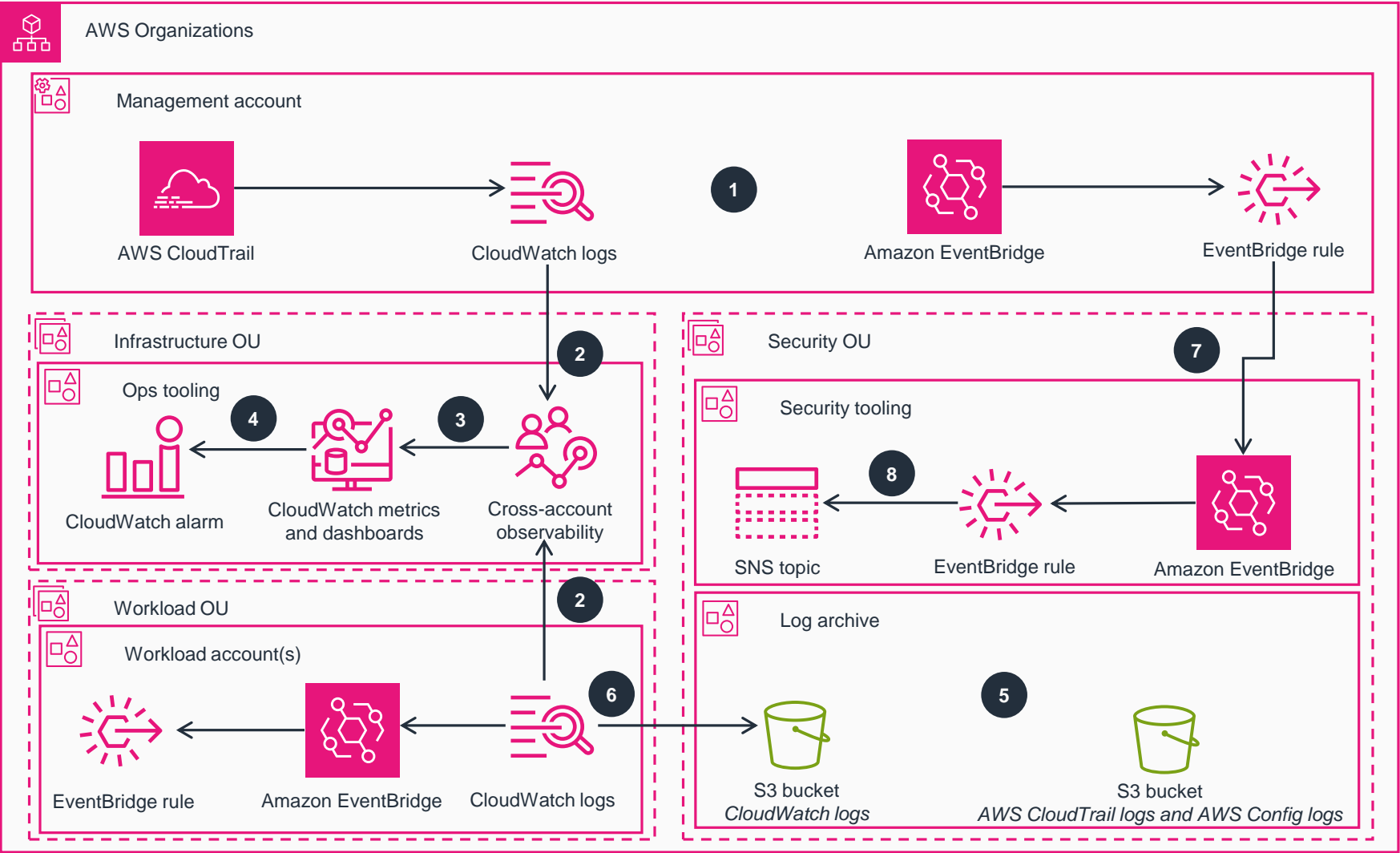


# Guidance for Observability on AWS

This architecture diagram shows you how to build observability into your cloud foundation.



- 1 Deploy and configure log analysis tools and filters to identify key events within your **AWS Organization** using sources from an **AWS CloudTrail** organization trail and events in **Amazon EventBridge**.
- 2 Centralize log visibility across your **AWS Organization** using **Amazon CloudWatch cross-account observability**.
- 3 Build **CloudWatch** metrics to filter and alert based on key performance indicators and operational events.
- 4 Build and share dashboards and visualizations using **CloudWatch**, and set up **CloudWatch** alarms that notify you when resources reach a pre-defined threshold.
- 5 Centralize persistent long-term log storage for **CloudWatch** logs, **CloudTrail** logs, and **AWS Config** logs to manage lifecycle and cost optimization.
- 6 Implement automated log archival by exporting **CloudWatch** logs to a centralized **Amazon Simple Storage Service (Amazon S3)** bucket.
- 7 Centralize operational and security events across your **AWS Organization** by using **EventBridge** and **EventBridge** rules.
- 8 Define **EventBridge** rules to send notifications to actionable team members using **Amazon Simple Notification Service (Amazon SNS)** topics.

