* Monitoring & Auditing *

- Amazon CloudWatch: Monitoring service that allows you to monitor your applications, respond to system wide performance changes, optimize resource utilization and get a unified view of operational health. It is used to monitor your application's performance and metrics.

- AWS CloudTrail: log, continuously monitor, and retain account activity related to actions across your AWS infra. It provides the event history of your AWS account activity, audit API calls made through the AWS management console, AWS SDKs, AWS CLI. Can we to detect unusual activity in your AWS account.

- Unusual activity : CloudTrail Insights.

- CloudTrail Console to view the last 90 days of recorded API activity. For events older than 90 days, we Athena to analyze CloudTrail logs stored in S3.

- AWS Config: Compliance of your resources's config over time.

- Automatically re-configure your security groups to their correct state - AWS Config Remediations

- Cloudwatch Metric stream is a cloudwatch feature

that allows you to send cloudwatch metrics in near real-time to s3 bucket and 3rd party destination.

- Cost effective way to store EventBridge events and we them later : Use eventBridge archive and replay feature.