

AWS Trusted Advisor

checks in console

- Cost Optimization
- Performance
- Security
- Fault tolerance
- Service limits

5 checks/pillars

⇒ Automated Advisor -

⇒ This service will evaluate resources against five pillars.

⇒ In real time, it runs through a series of checks for each pillar in your account.

⇒ Some checks are free and included in your AWS account.

Other checks are available depending on the level of support plan.

⇒ Examples

① If multi-factor authentication for root-user is turned off, it will let you know.

② If we have an underutilized EC2 instances that might be able to be turned off in order to save money (or)

If you have EBS volumes that haven't been backed up in a reasonable amount of time, it will let you know.

AWS Cloud Trail

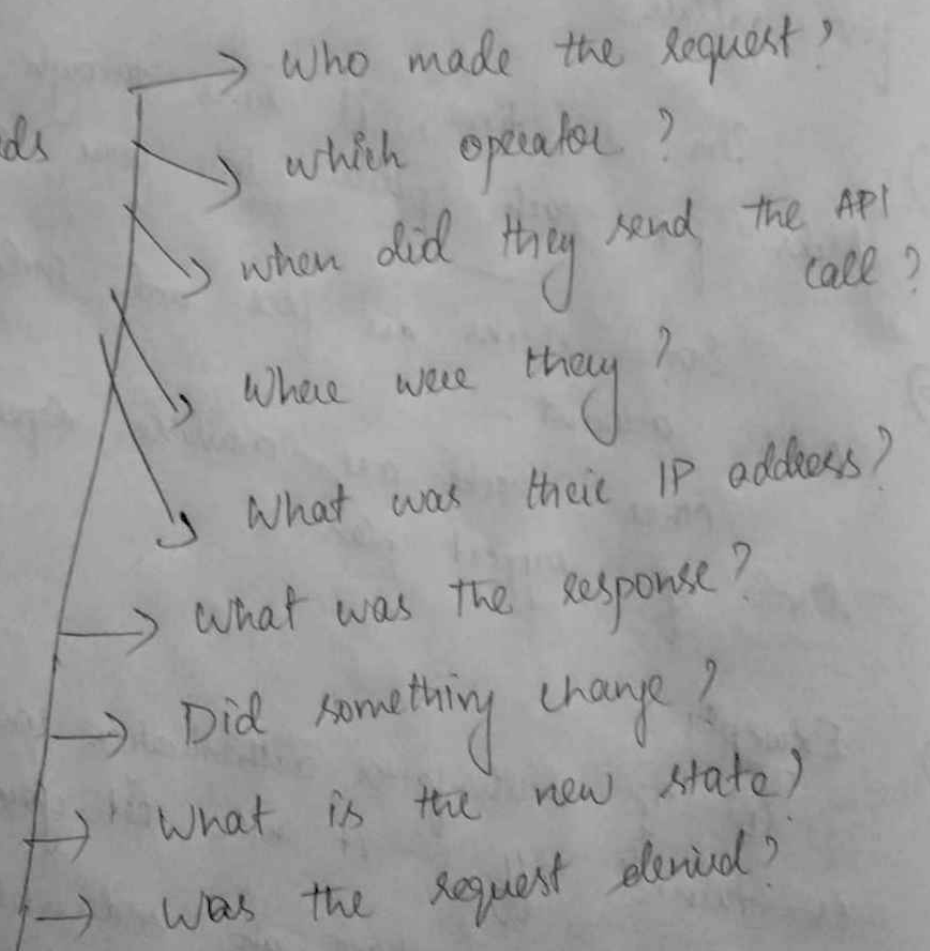
- ⇒ Comprehensive API Auditing tool
- ⇒ Every request is logged in the Cloud Trail Engine

Example,

- ① To launch an EC2 instance.
- ② To add a row to a DynamoDB table
- ③ change a user's permission

Cloud Trail

Engine
records



⇒ Logs are saved in secure S3 buckets.

⇒ In addition, with tamper proof methods like Vault lock.

Amazon CloudWatch

We can create alarms that automatically perform actions if the value of your metric has gone above or below a predefined threshold.

When configuring the alarm, you can specify to receive a notification whenever this alarm is triggered.

Cloud watch dashboard.