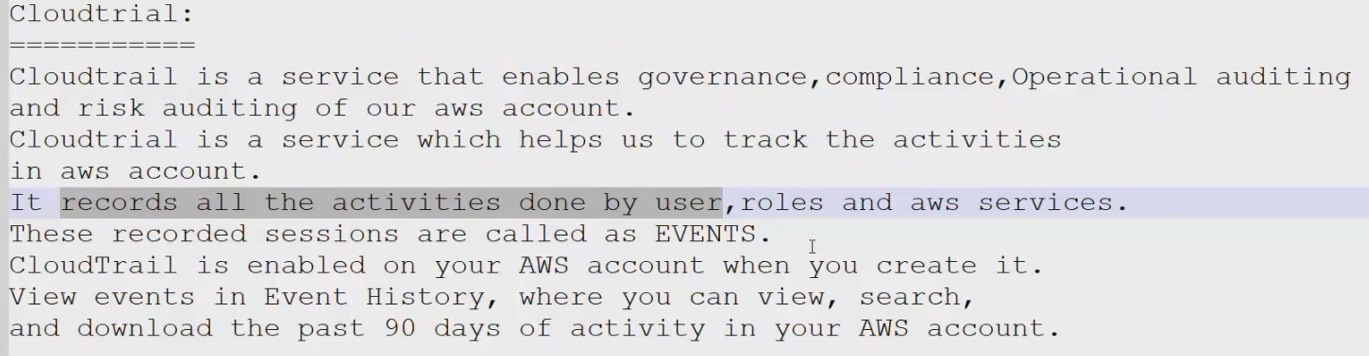
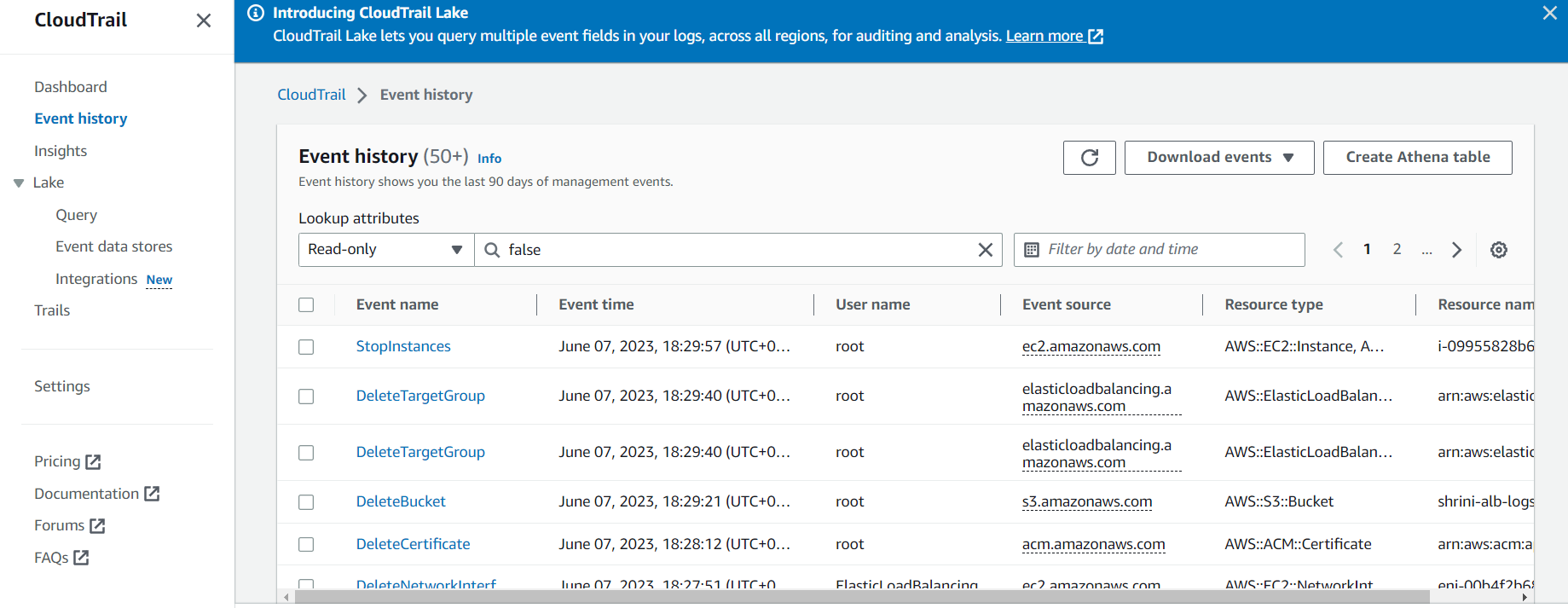
**CLOUDTRAIL**

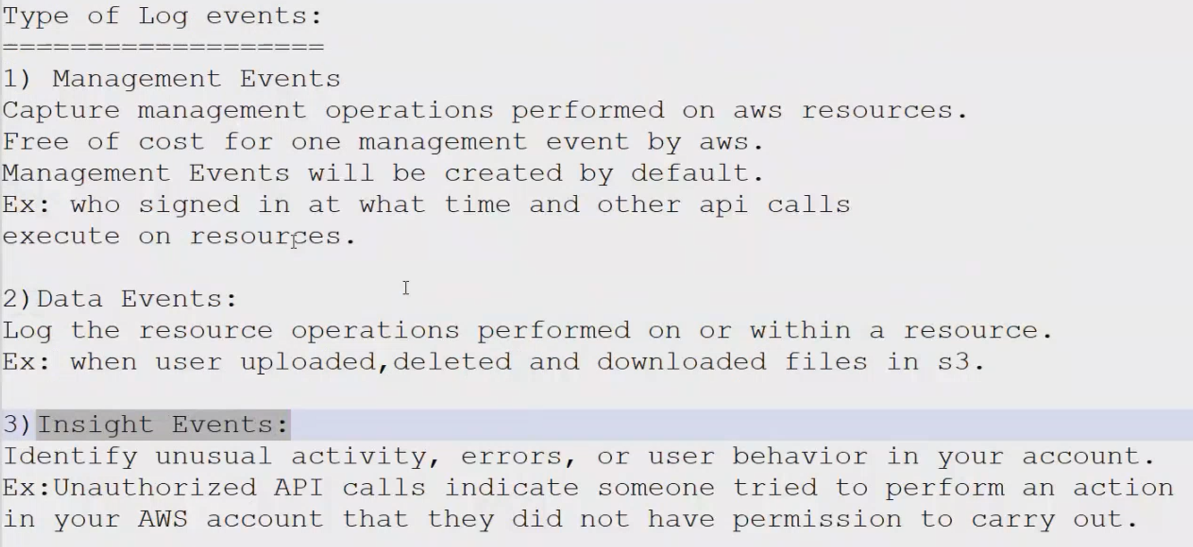
**DEFINATION**

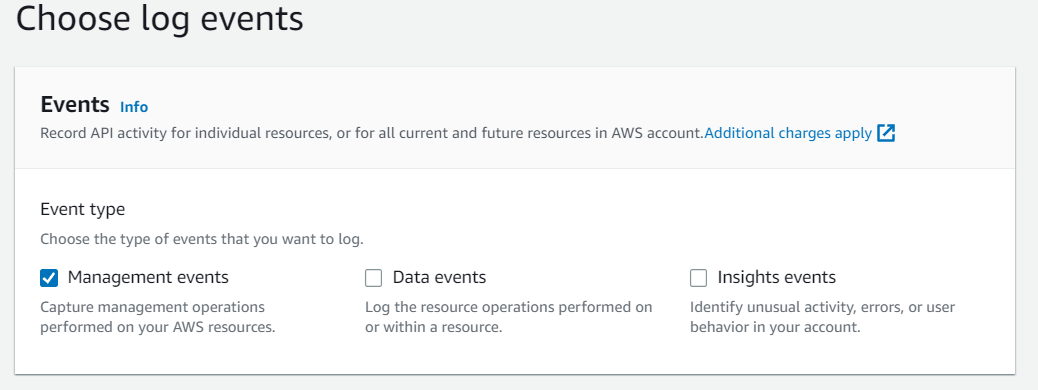
****

**AWS-CLOUDTRAIL;**

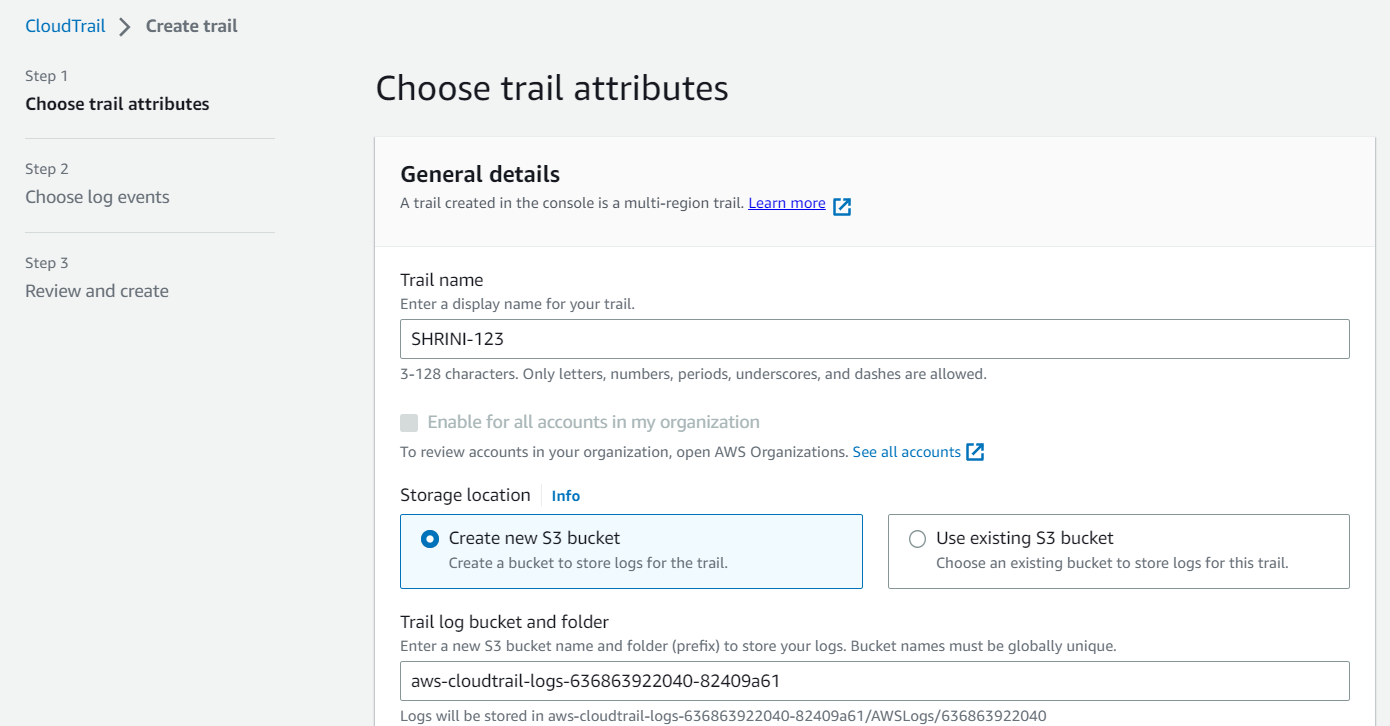
****

**TYPES OF LOG EVENTS;**

****

****

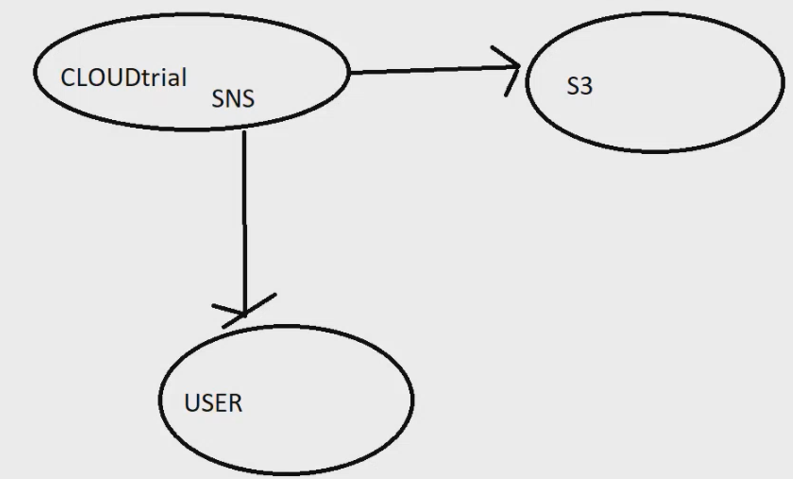
**\*\*CREATION OF CLOUDTRAIL;**

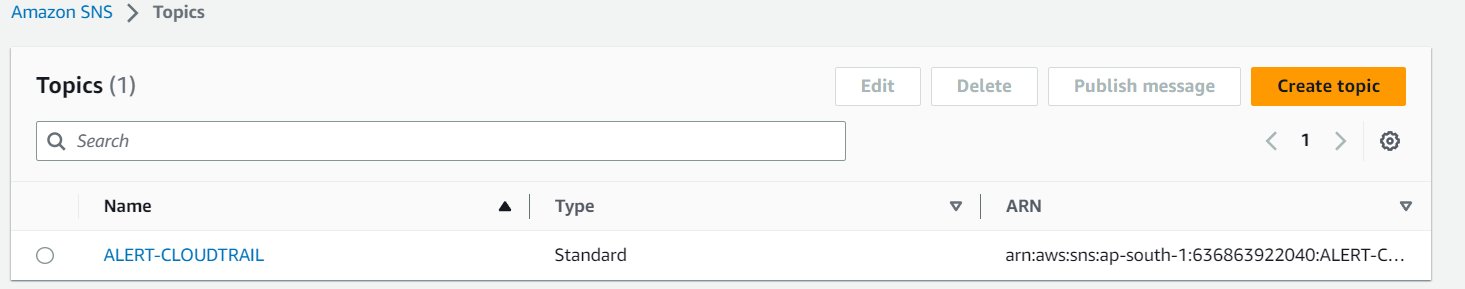
****

****

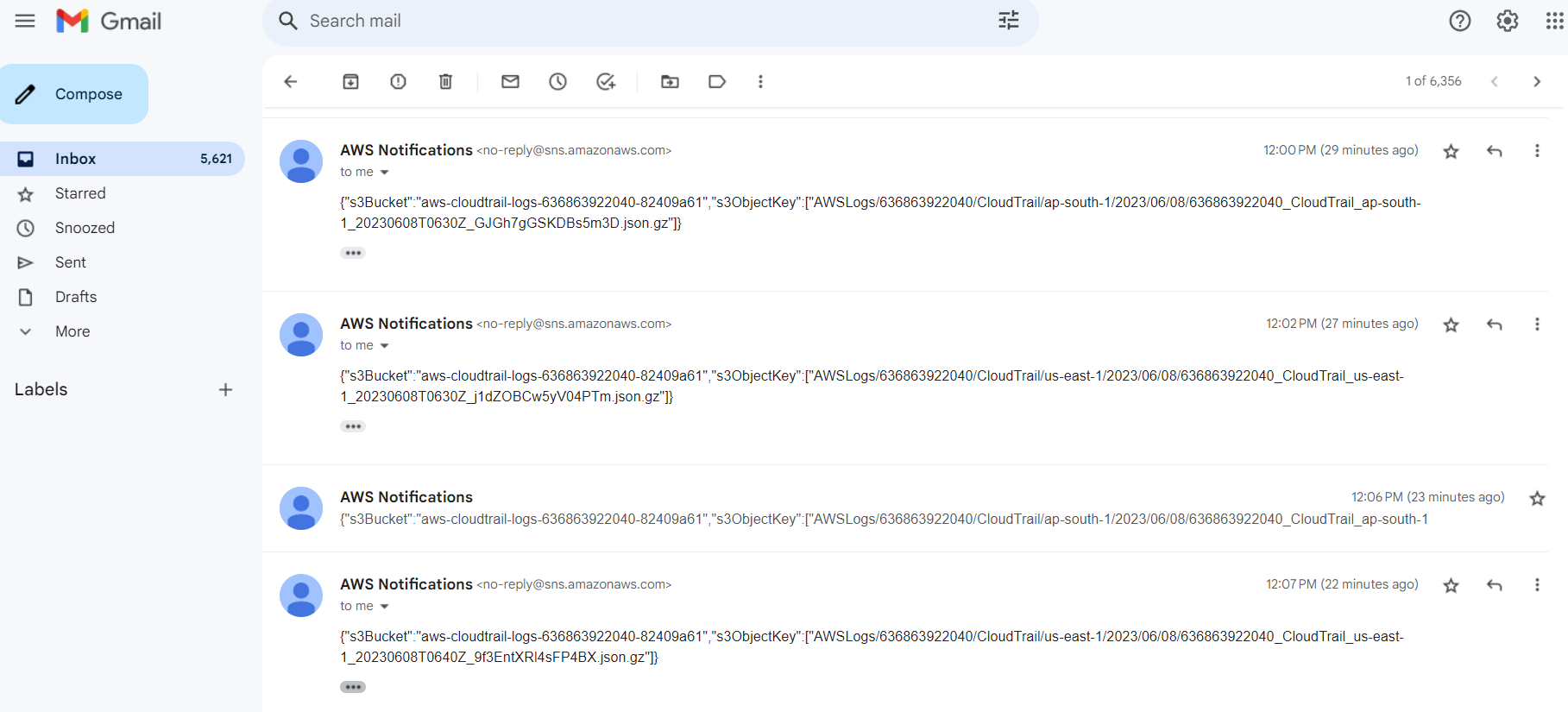
**\*\***

**\*\*EXPLANTION:**

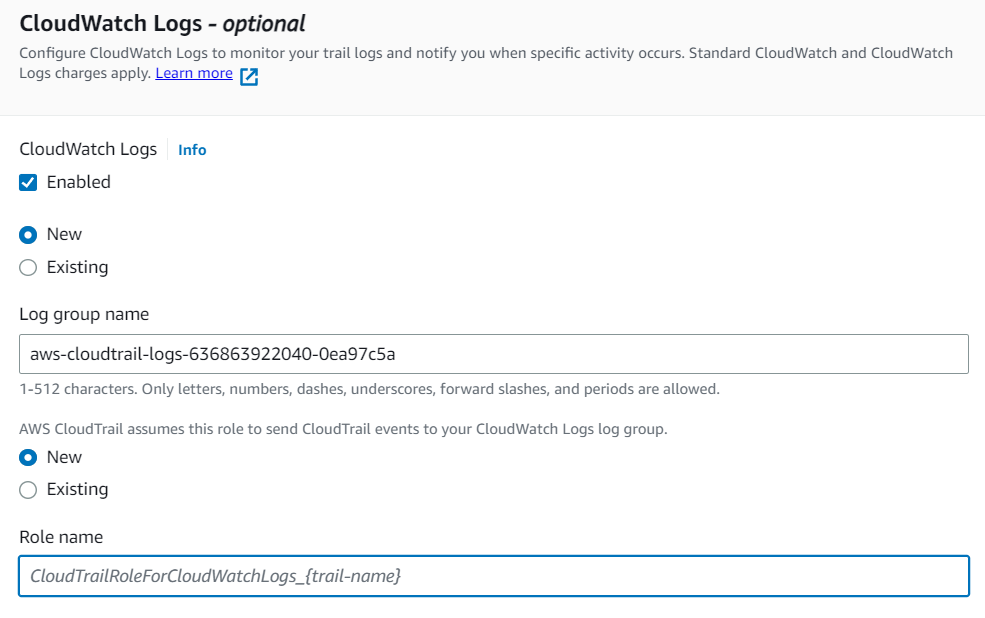
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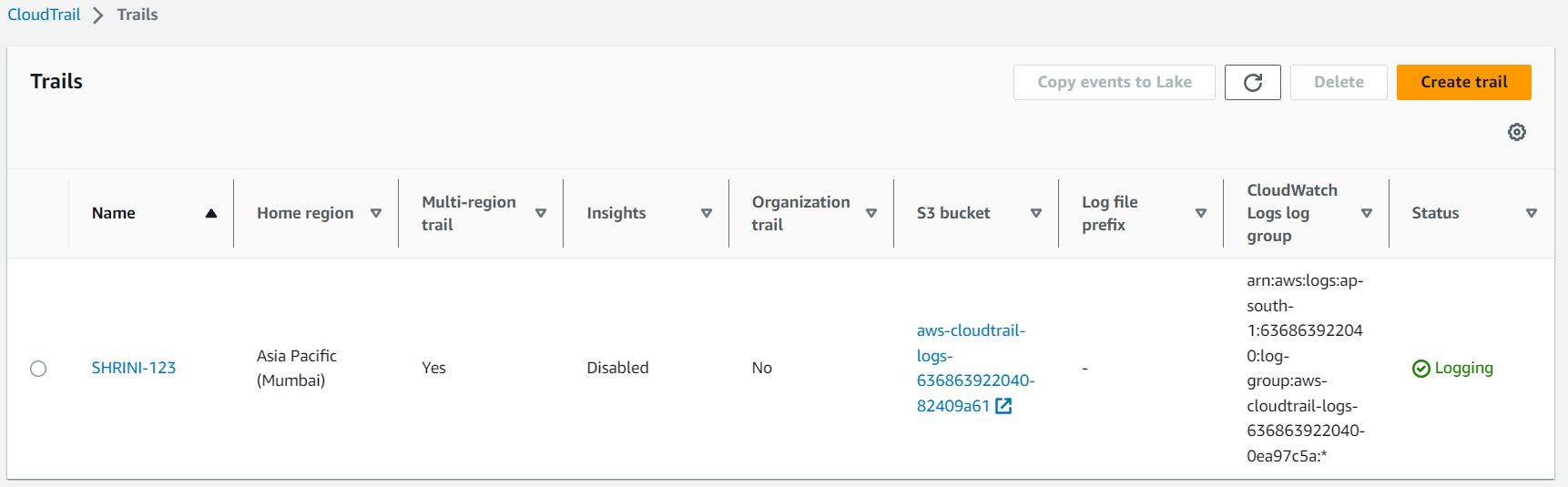
****

**\*\*Receiving messages via Gmail after enabling “SNS”**

****

**\*\* WITH THE HELP OF CLOUDWATCH WE WILL GET THE LOGS**

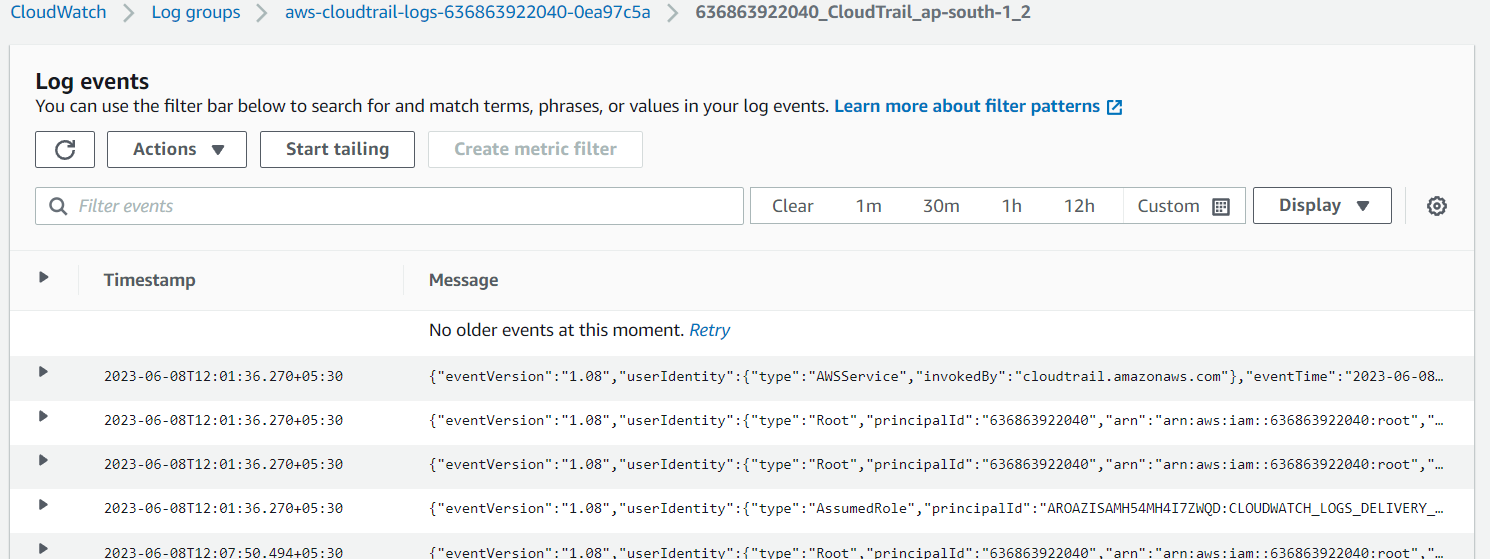
****

****

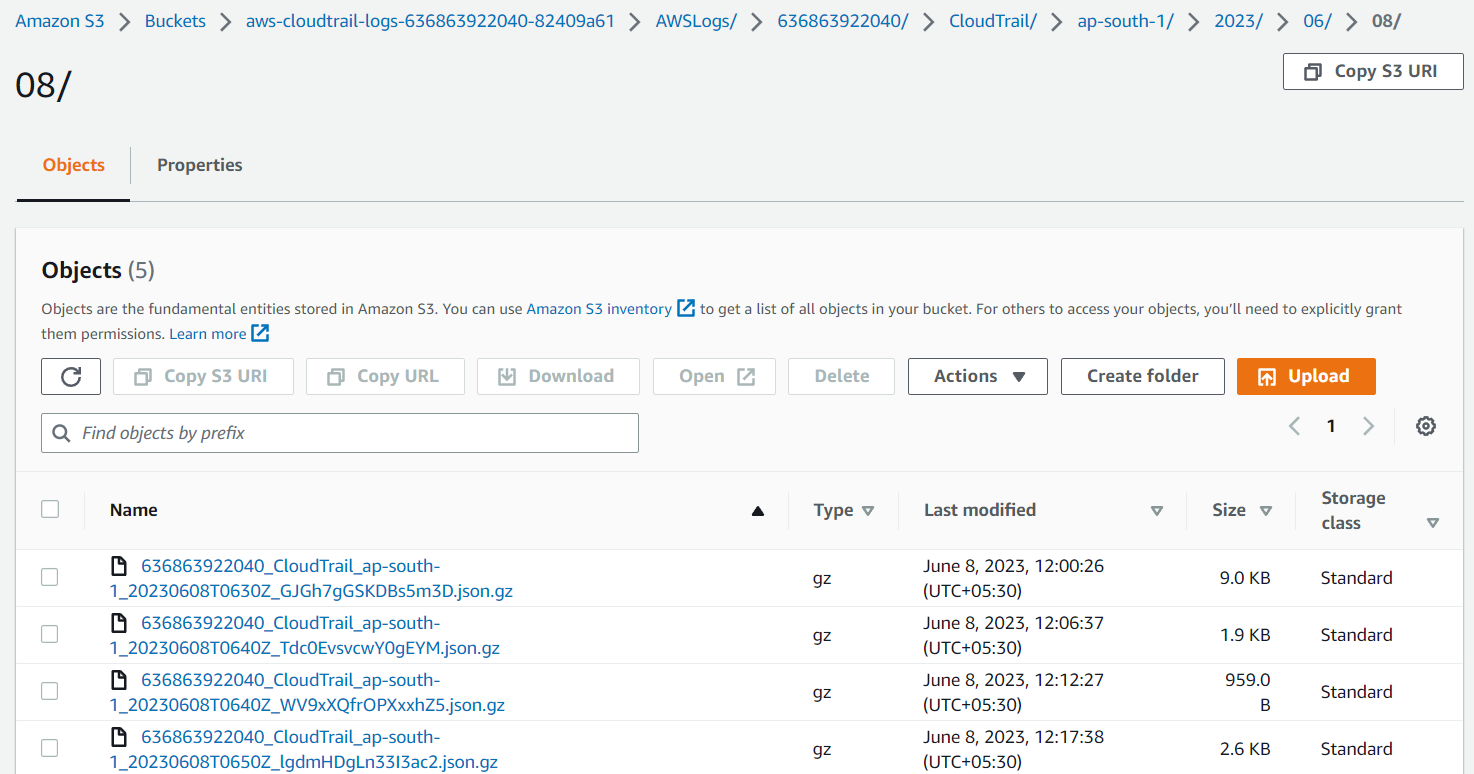
**\*\*In Cloud-trail we save the logs in two forms   
 1. Cloud-watch**

**2. S-3**

**1. CLOUDWATCH:**

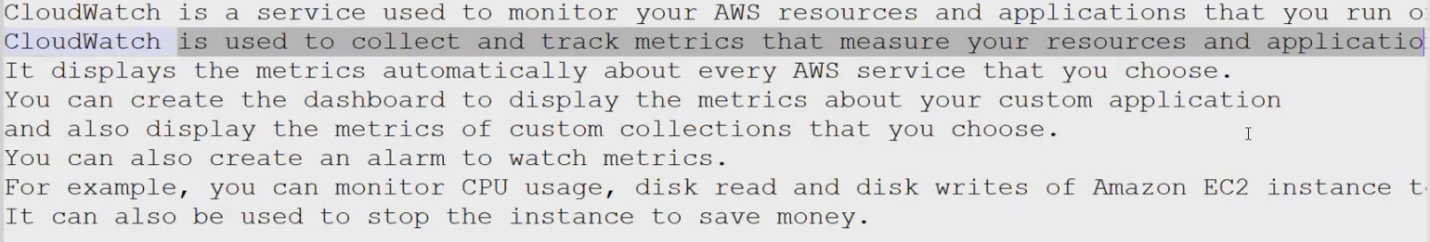
****

**2. S3-BUCKET:**

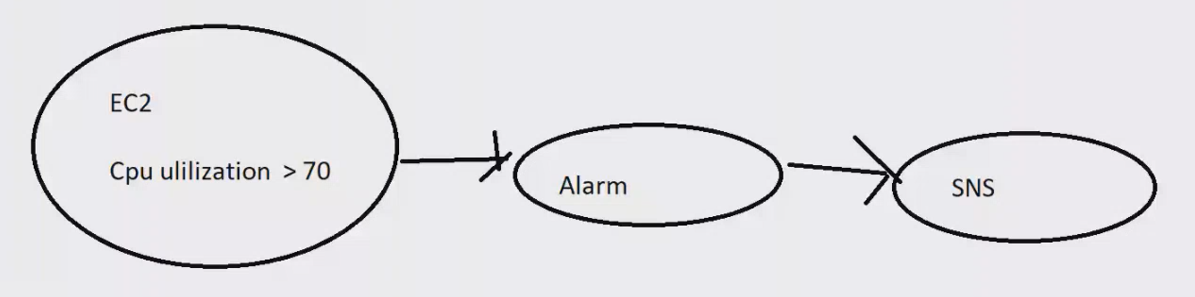
****

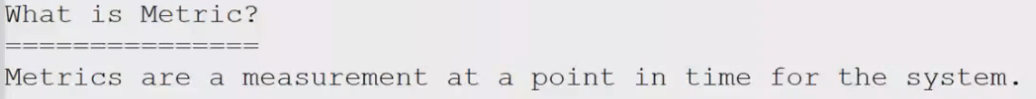
**CLOUDWATCH**

**DEFINATION;**

****

**USE-CASE IN EC-2;**

****

****

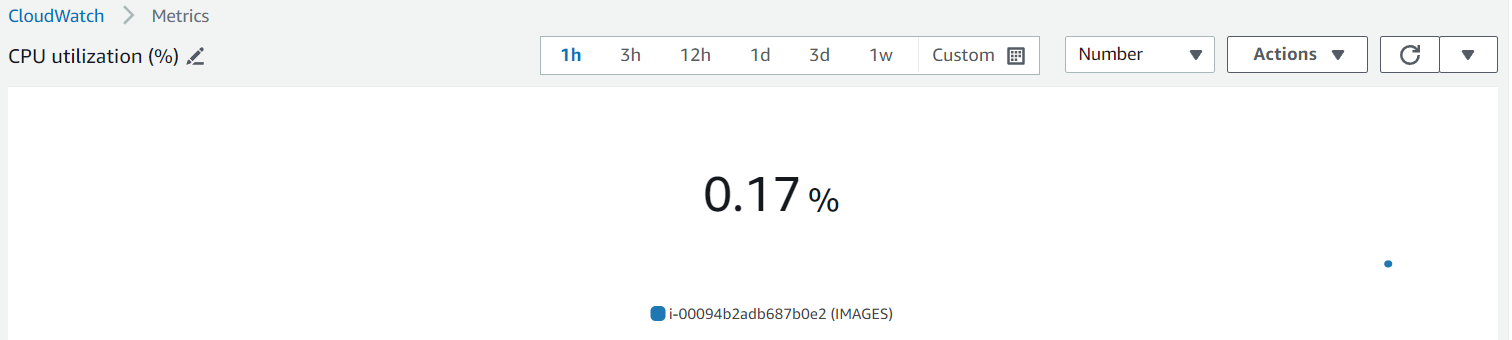
**\*\* DIFFERENCE BETWEEN CLOUD-TRAIL/WATCH;-**

**“Cloud-trail service is used to monitor your aws account activities**

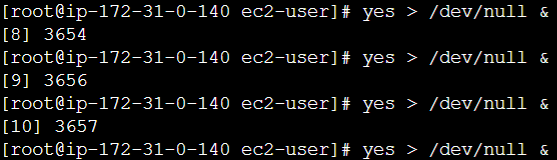
**Cloud watch is used to monitor your aws resources example ec2**

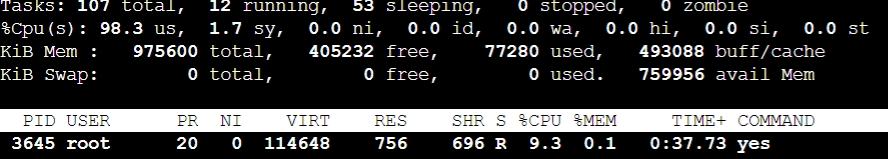
**Account activities means who had create, deleted, update ec2,s3 and other services”**

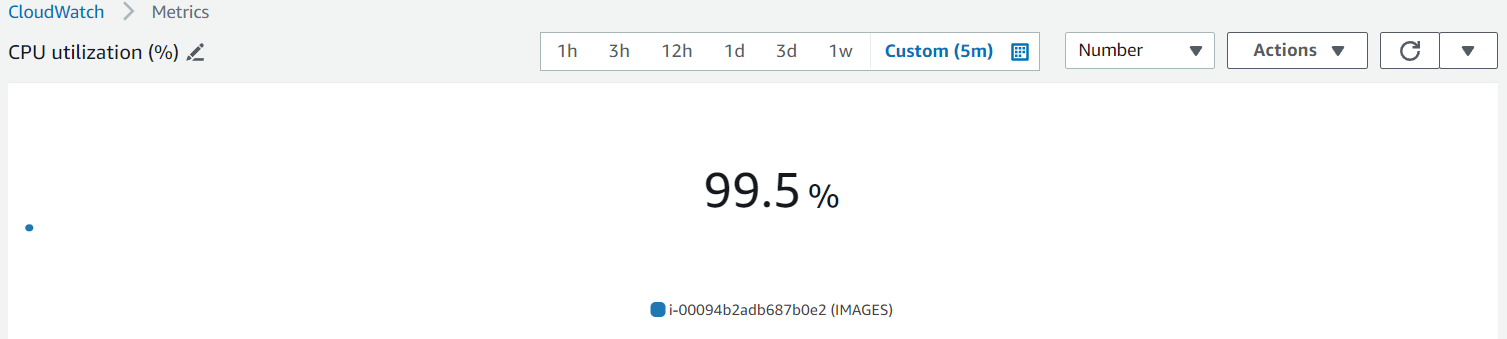
**We are increasing the load of ec2 and monitoring by cloud-watch;**

****

**Putting Fake stress in ec-2 /and making CPU utilization with 99%**

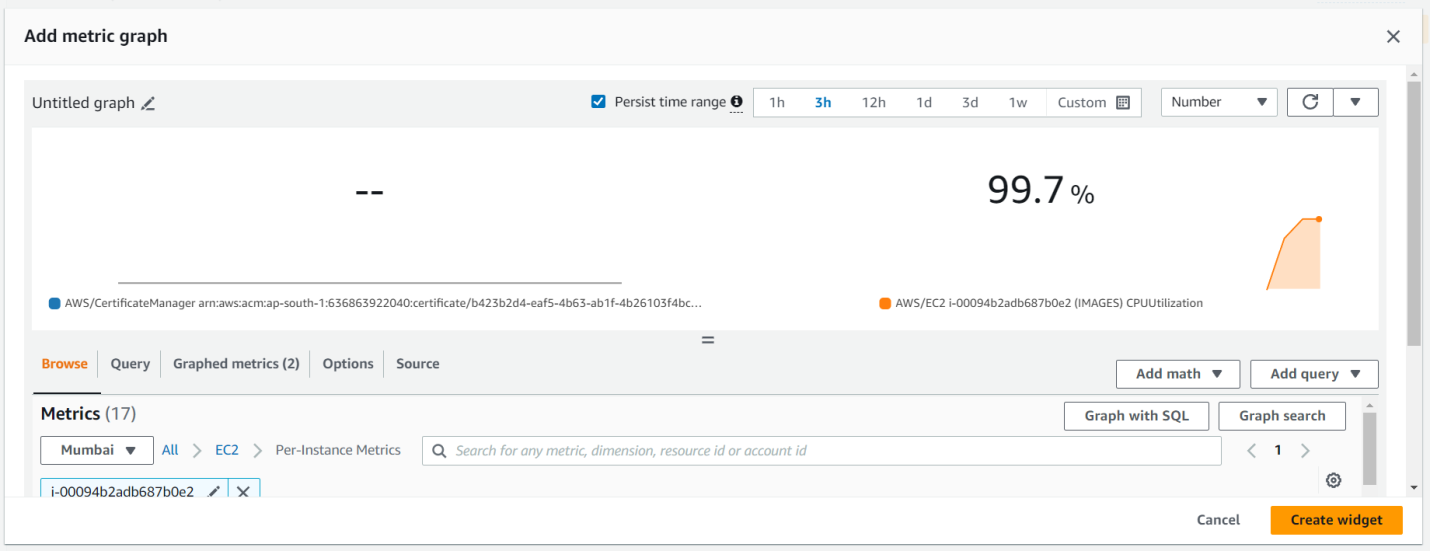
****

****

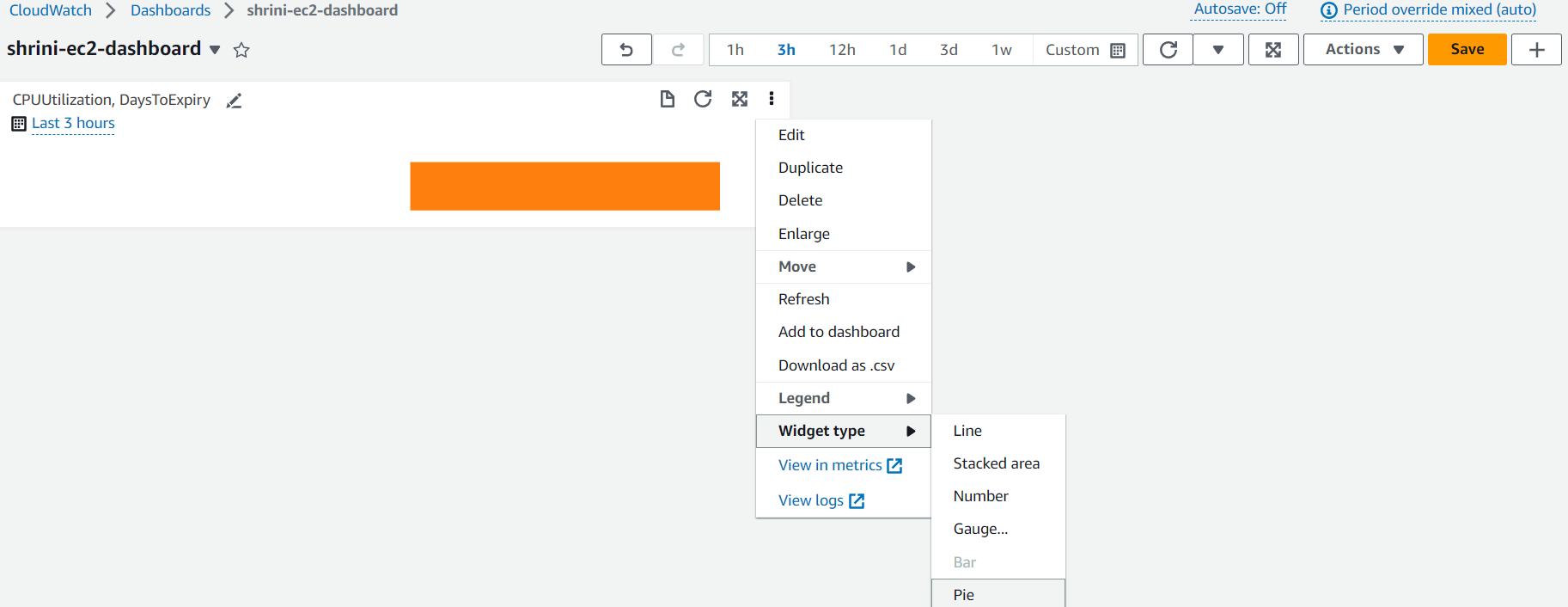
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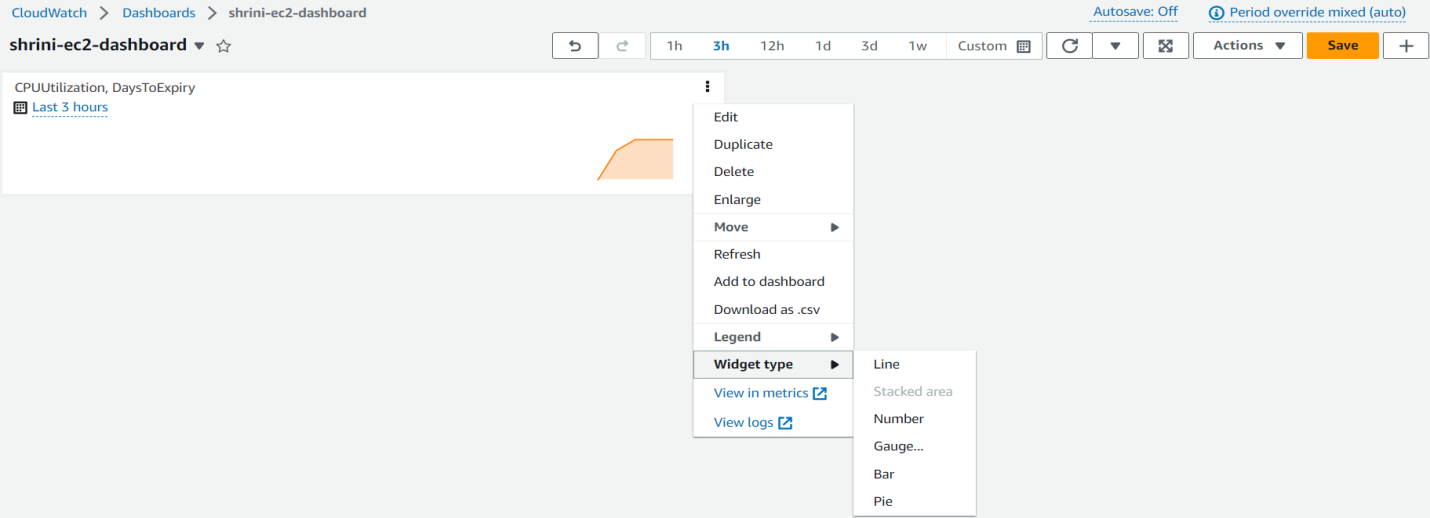
**\*\*(We can make alarm and make our environment stable with the help of cloud-watch)**

**\*\*Creating cloud-watch dashboard for CPU utilizations ec2-instances;**

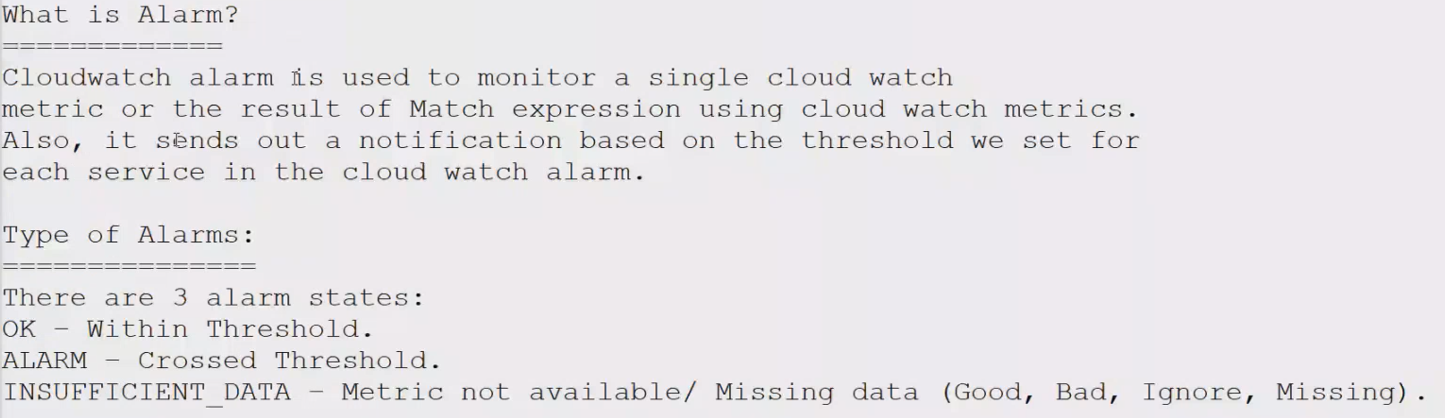
****

**We can change our widget also;**

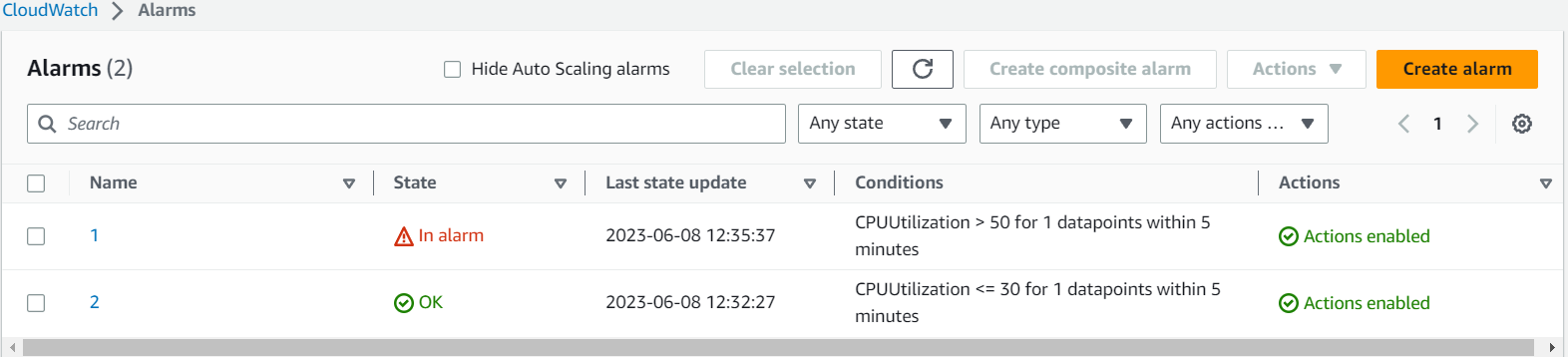
****

****

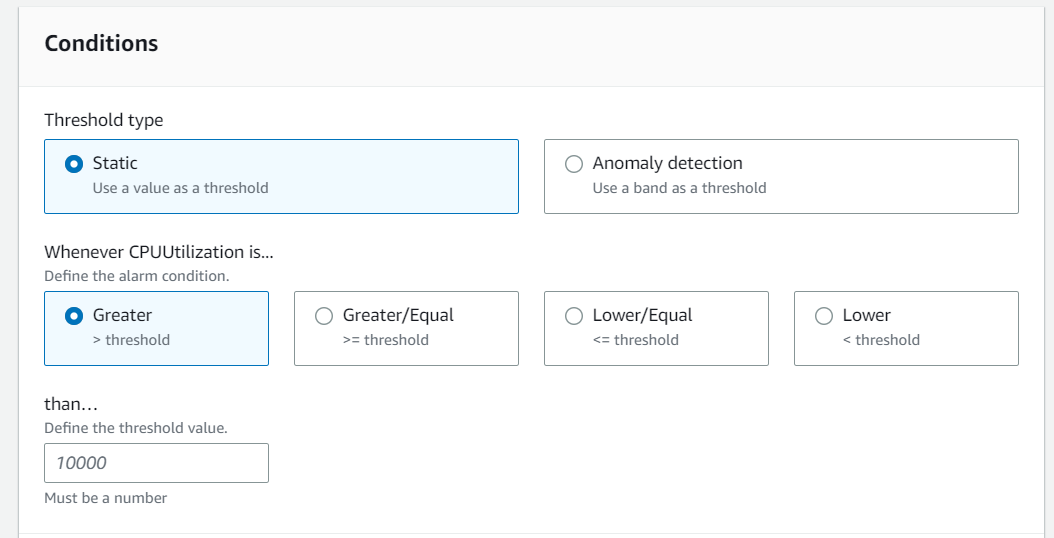
**NOW I WANT TO CREATE AN ALARM IF MY CPU UTLIZATION IS ABOVE 70%;**

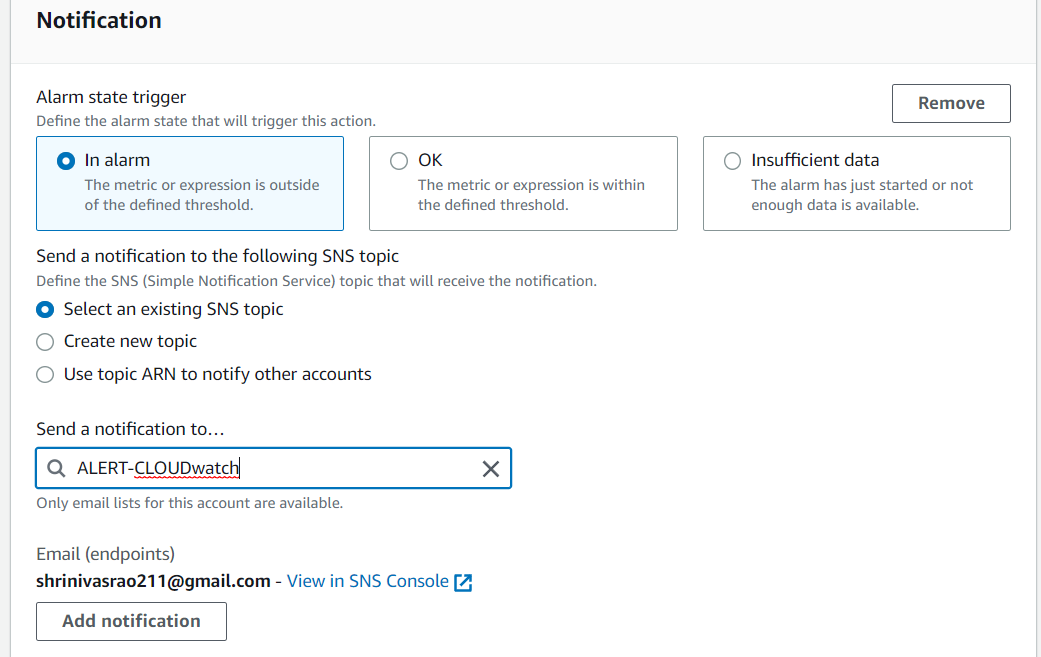
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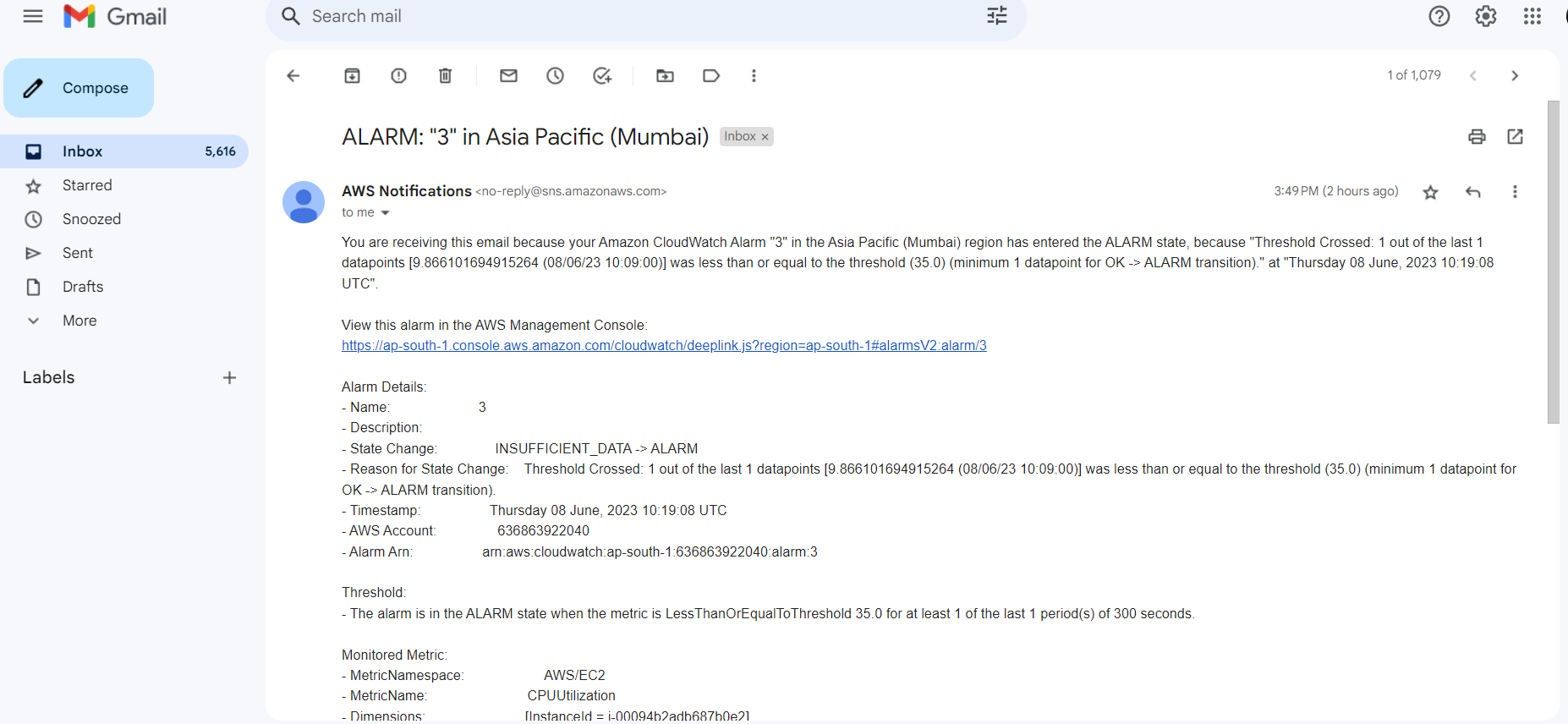
**CREATING ALARM:**

****

**WE CAN DEFINE OUR CONDITIONS:**

****

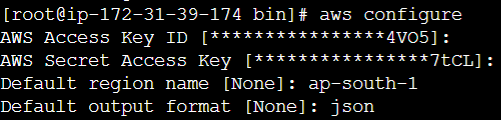
****

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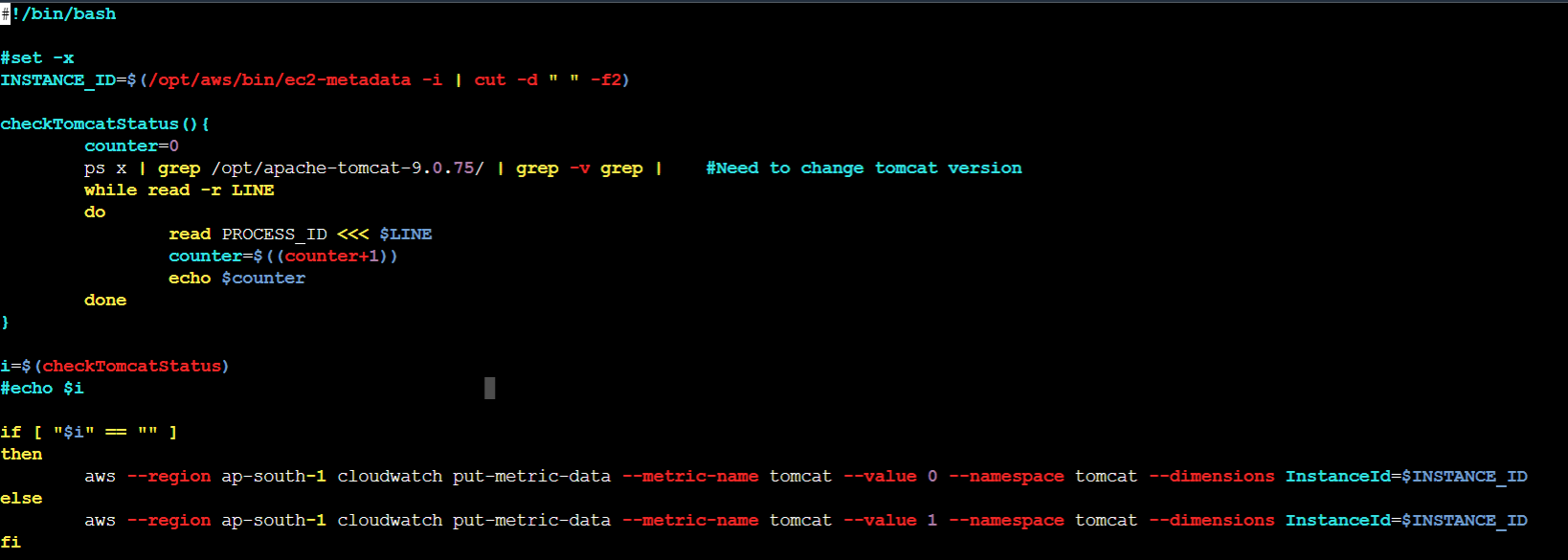
**\*\*Using custom metrics to check the status of tomcat in cloud watch by bash script;**

**1. Downloading tomcat with all dependencies**

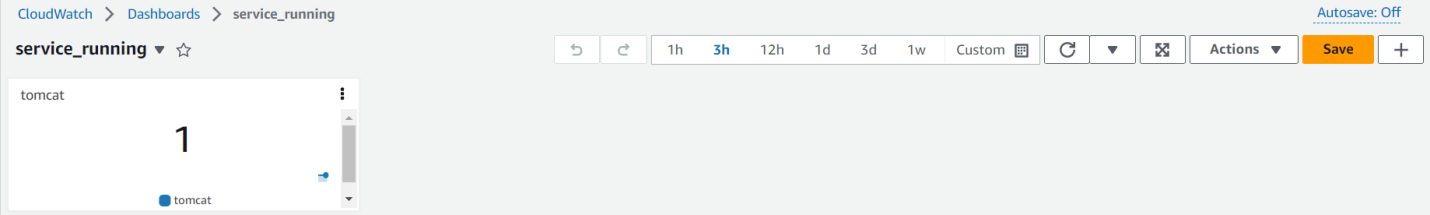
**2. After that I have to configure aws in bin**

****

**3. Then creating a bash script for checking the status of tomcat;**

****

**4. And create a dashboard in cloudwatch and check the status value (if 1 = running , 0 = not running);**

****