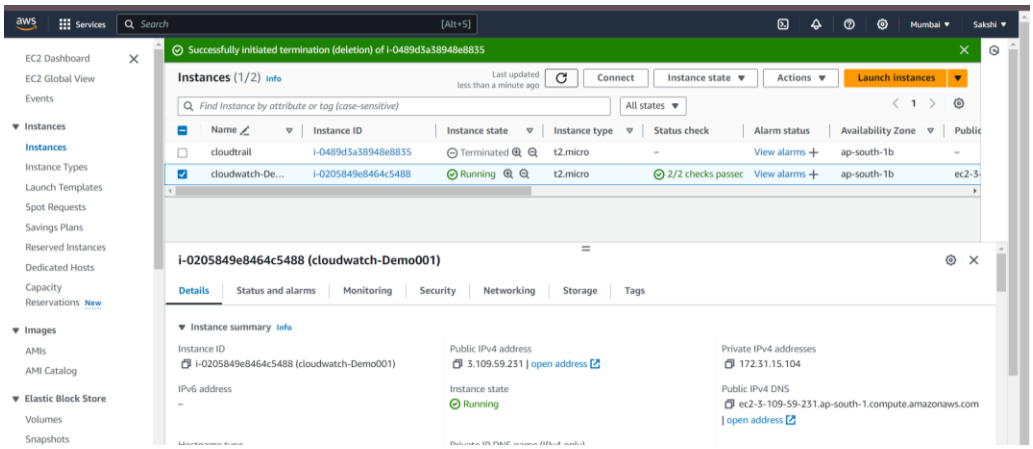
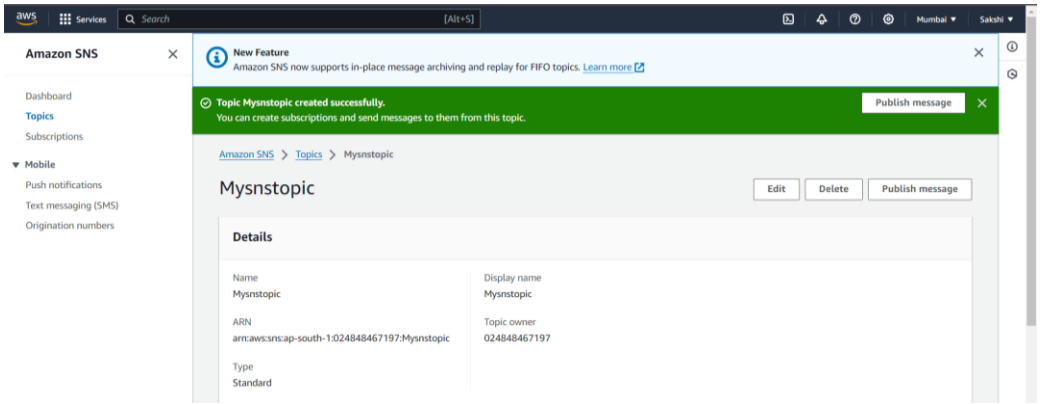
09th September 2024 – CloudWatch

Monitor the CPU utilization of instance and set threshold of CPU utilization greater than 80% and send a alert via SNS (Simple Notification Service).

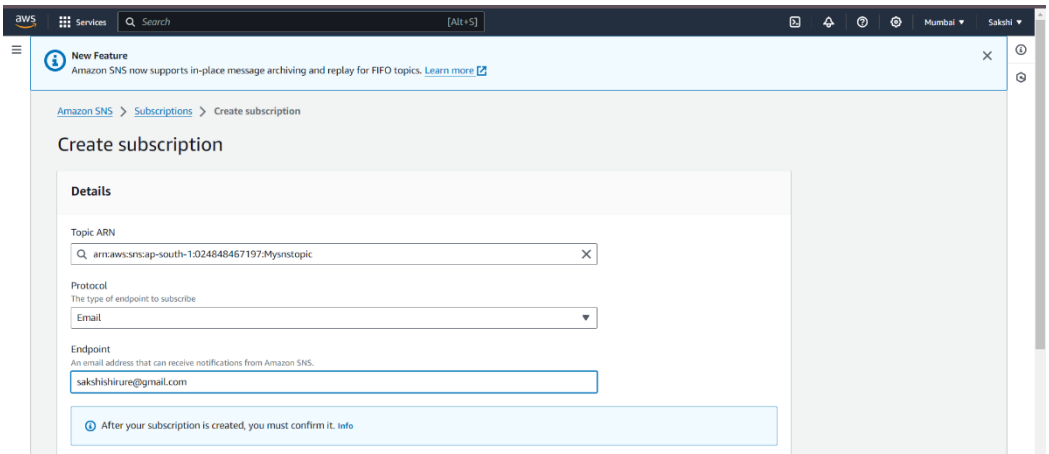
1) Create instance



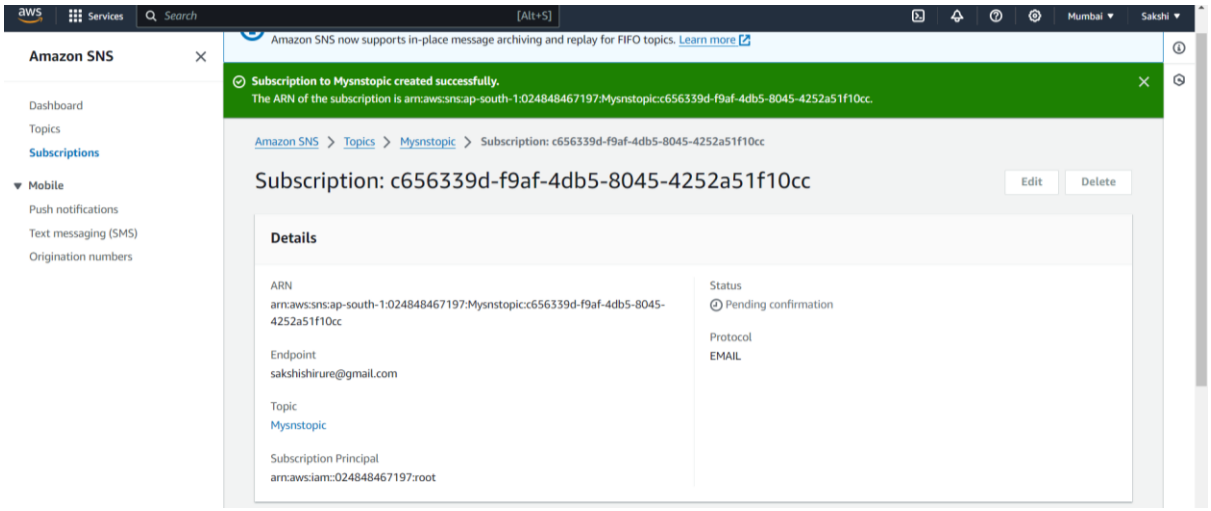
2) By default there is no alarm, to set alarm go to SNS service and create topic first

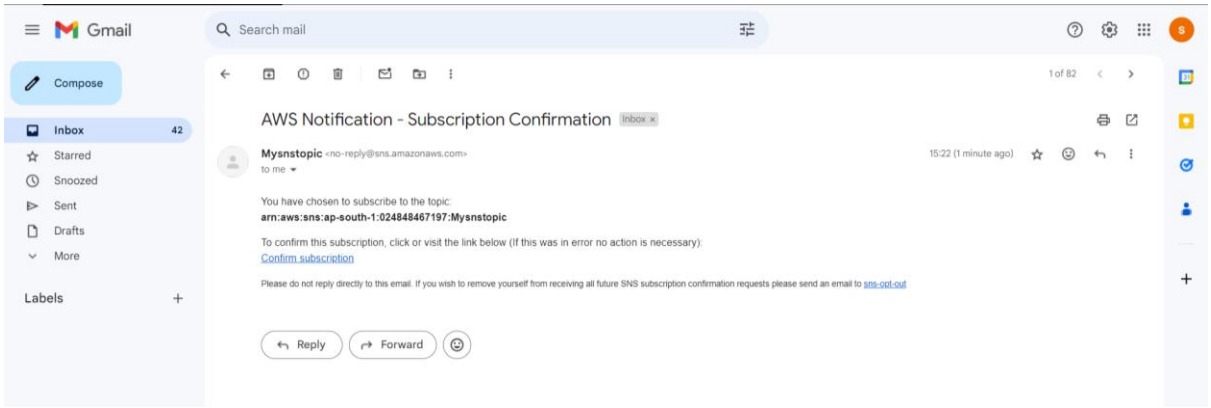


3) Create Subscription

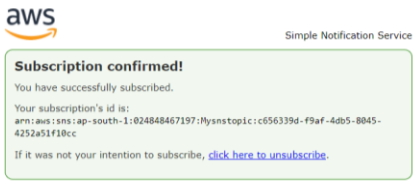


4) After creating subscription, got email for confirmation

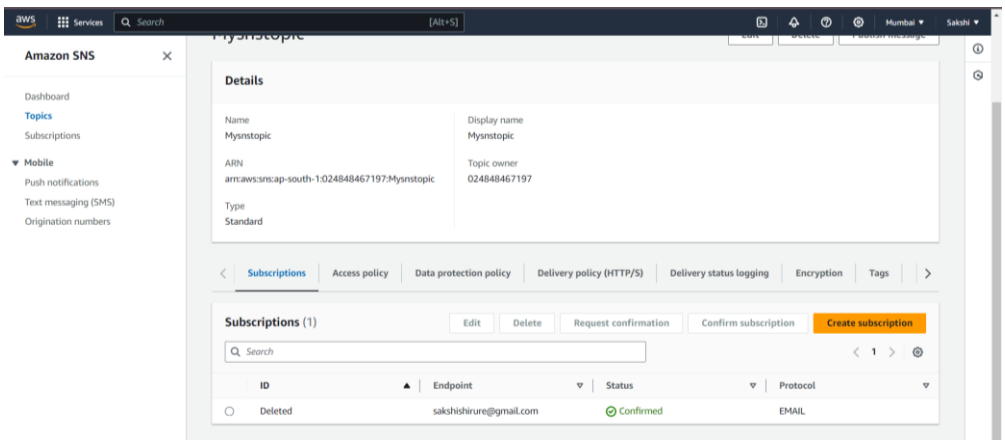




5) Subscription confirmed

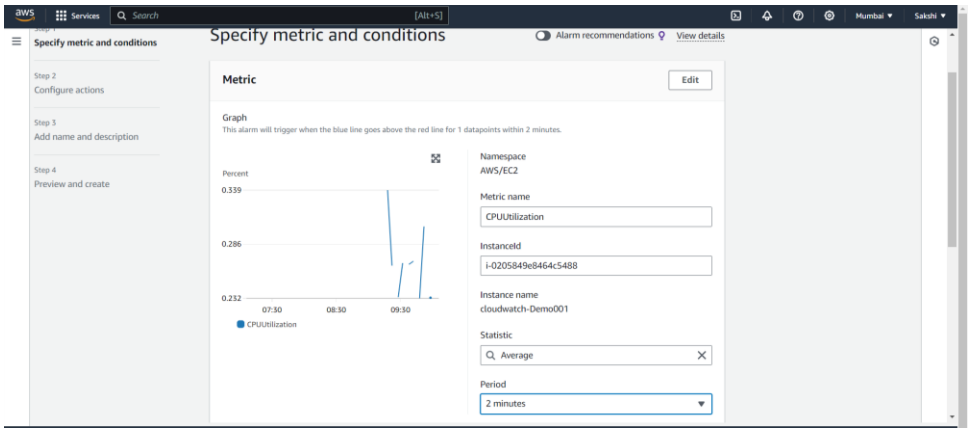


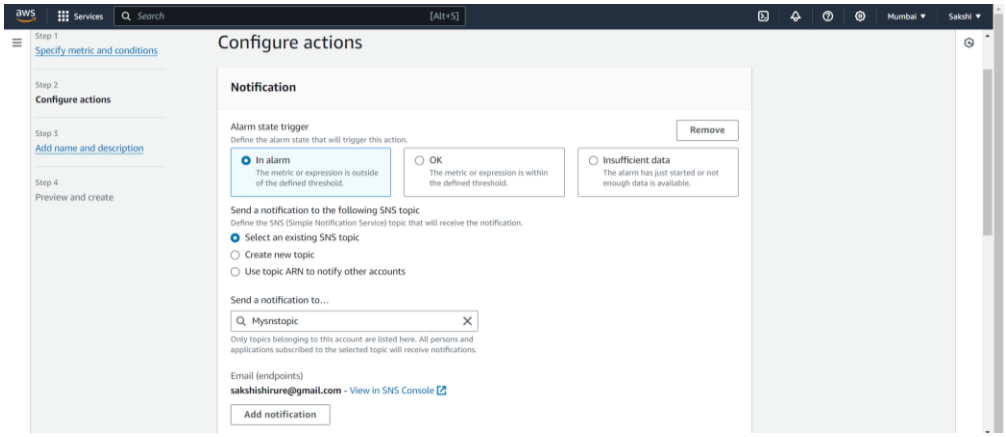
6) After confirmation, status will change to “Confirmed”



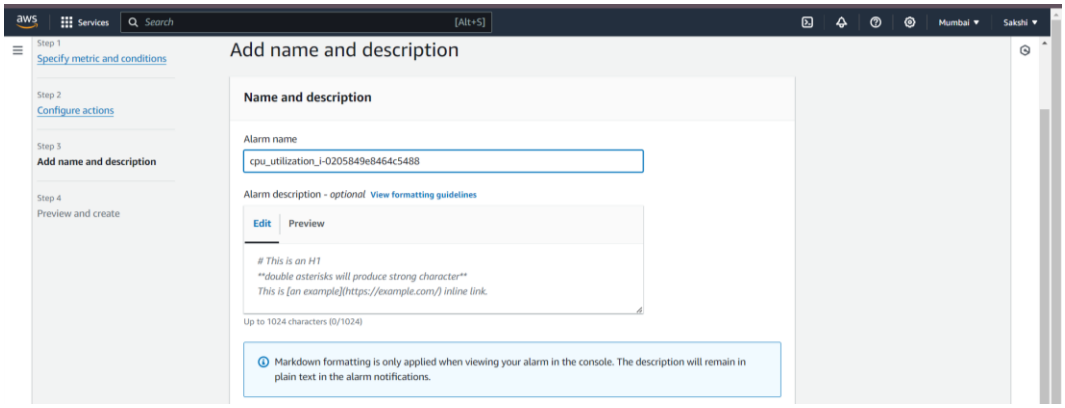
7) Now go to “CloudWatch” service and create alarm

a. Specify metric and condition

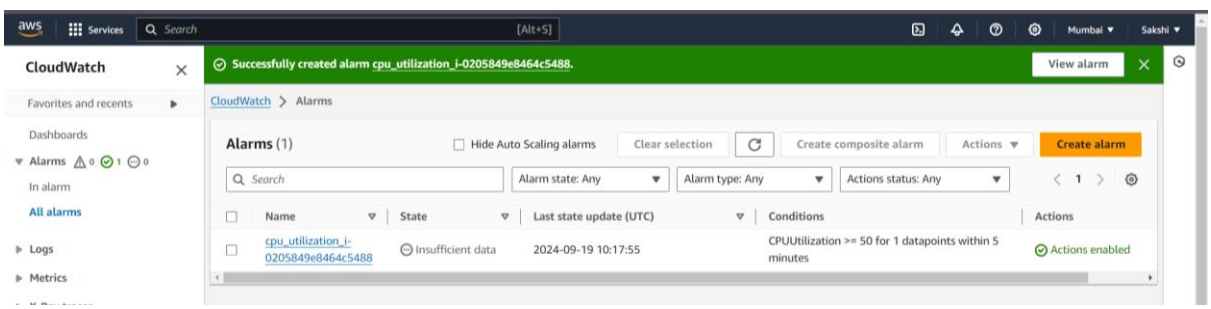




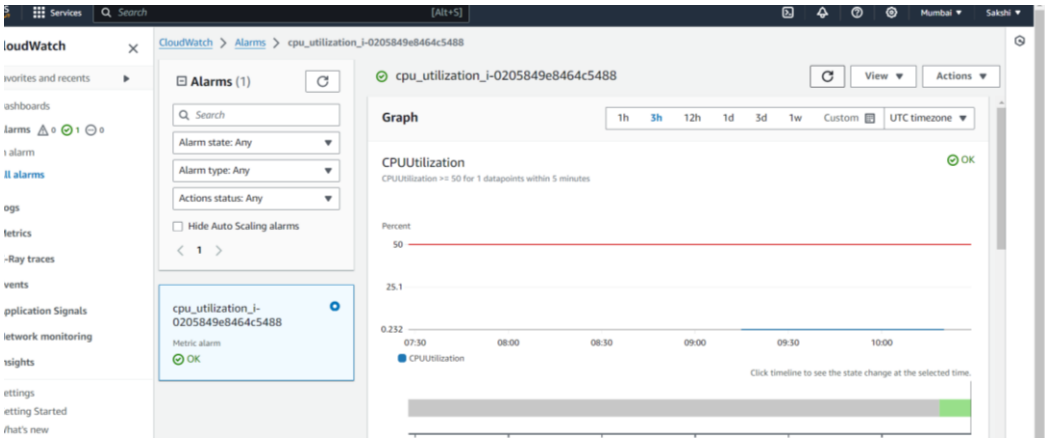
c. Add name and description



d. Created alarm Successfully



e. CPU Utilization



8) To increase CPU utilization

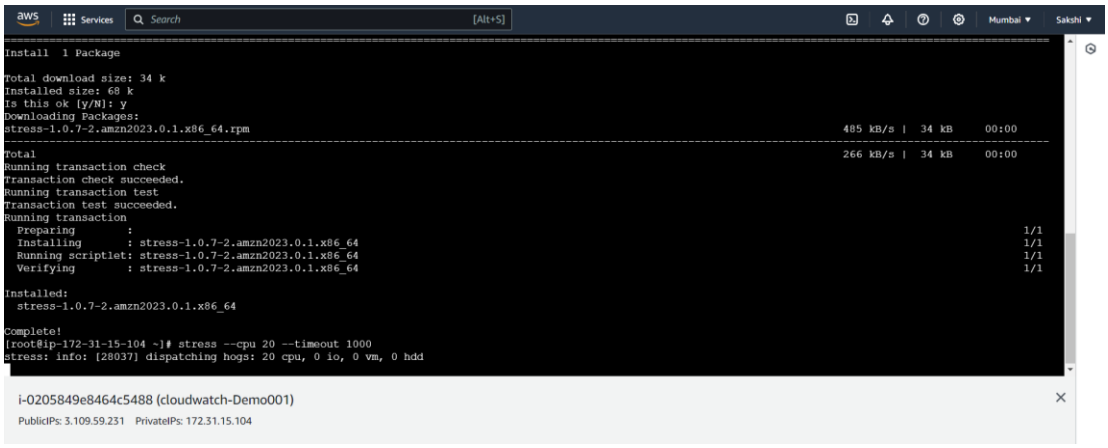
installed stress package with below steps:

{

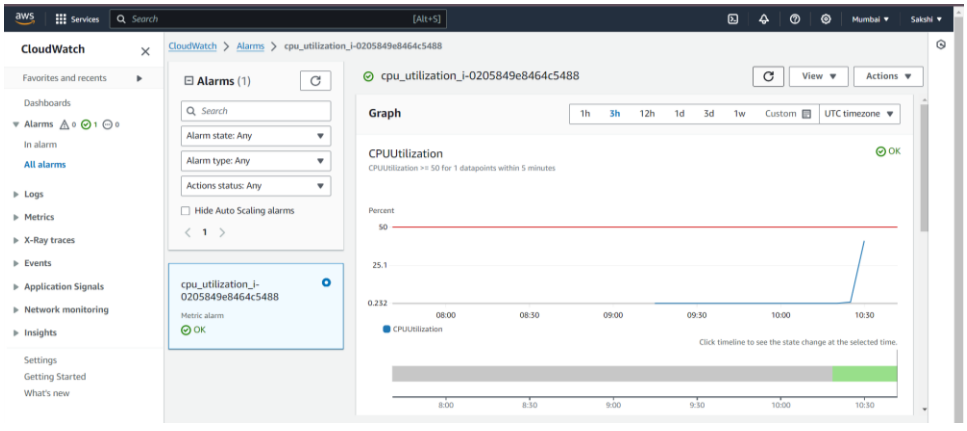
1. sudo amazon-linux-extras install epel -y

2. sudo yum install stress -y

}



9) We can see CPU Utilization is in Alarm state



Install CloudAgent using bootstrapping and create dashboard of Utilization

1) Create IAM role (EC2-CloudWatch-Role) with CloudWatchFullAccess and SSM