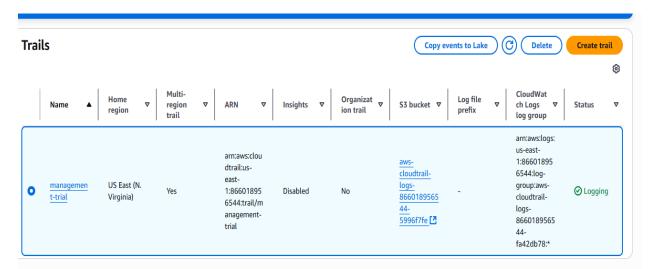
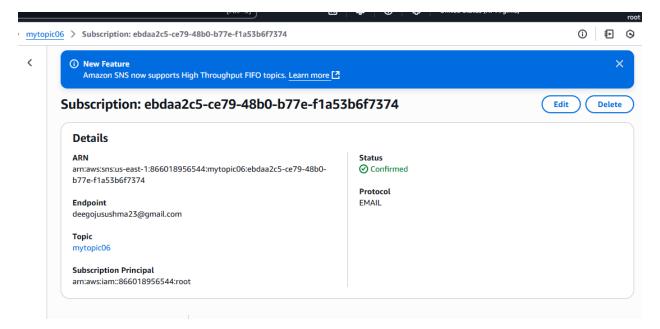
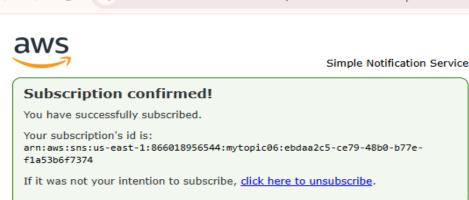
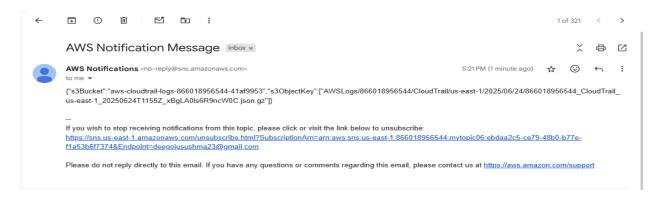
1) Enable CloudTrail monitoring and store the events in s3 and CloudWatch log events.



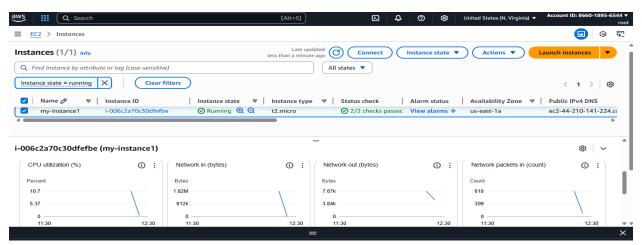
2) Enable SNS for CloudTrail to send alert on email.



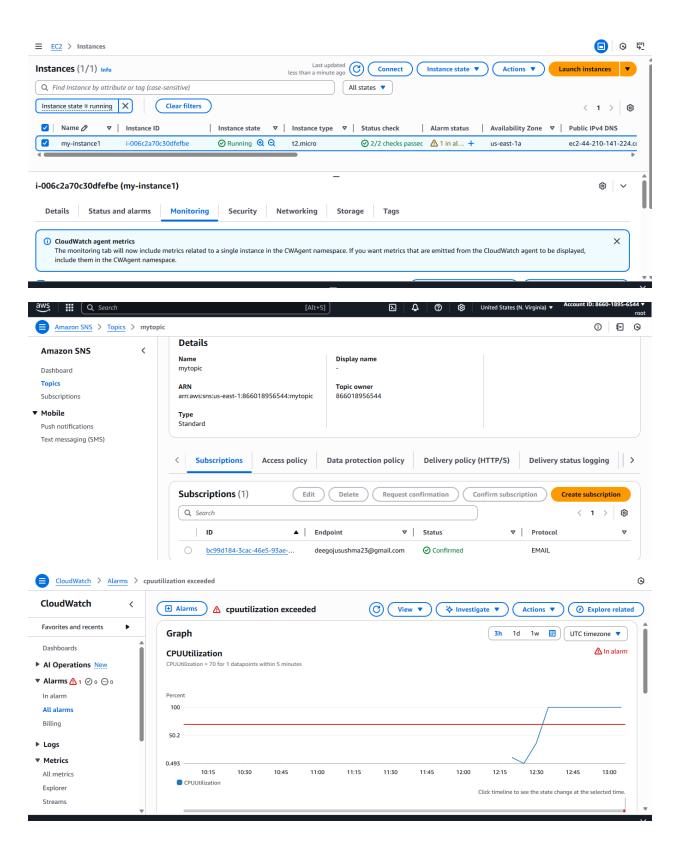


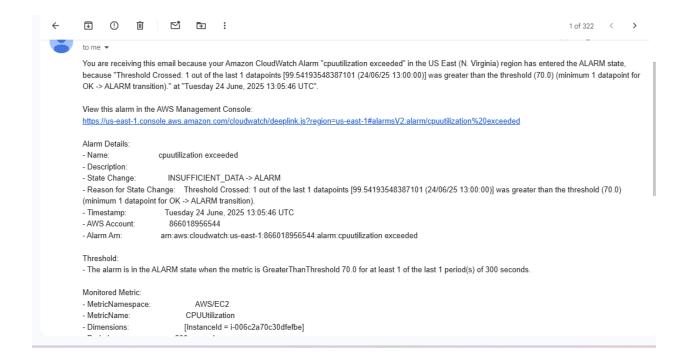


3) Configure cloud watch monitoring and record the CPU utilization and other metrics of ec2.

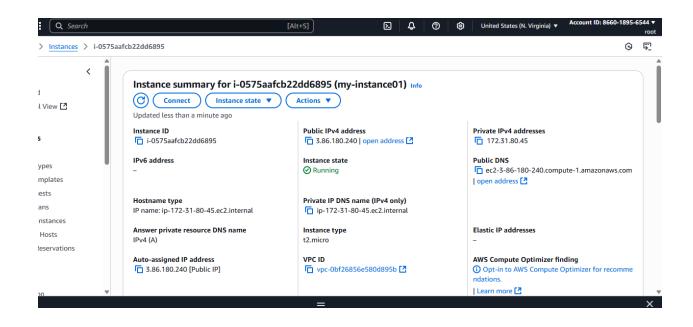


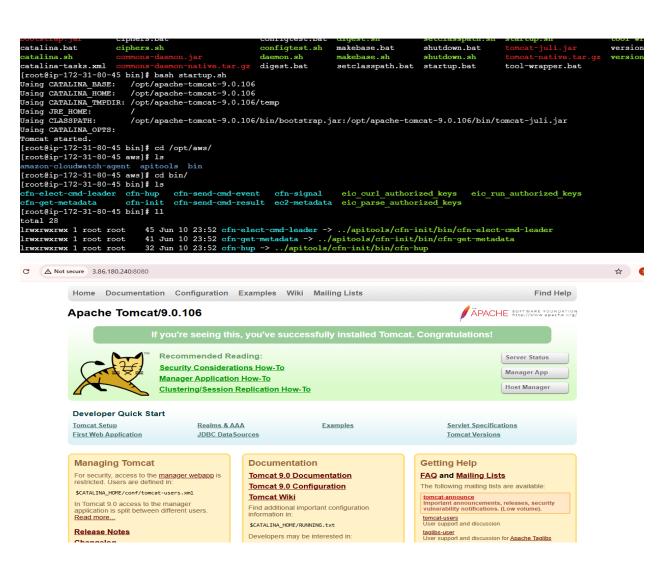
4) Create one alarm to send alert to email if the CPU utilization is more than 70 percent.

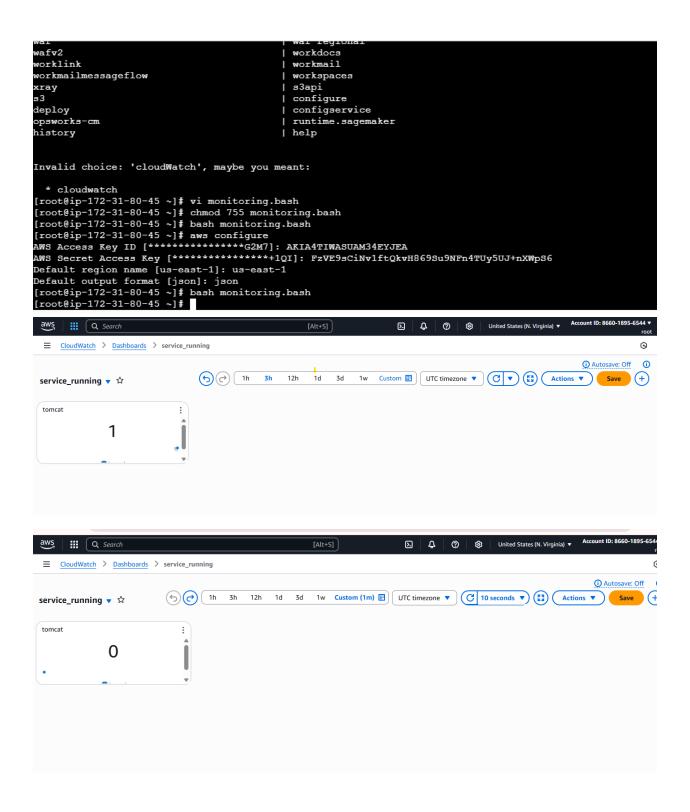




5) Create Dashboard and monitor tomcat service whether it is running or not and send the alert.







6) Create Dashboard and monitor nginx service to send the alert if nginx is not running.



```
\###|
                        AL2 End of Life is 2026-06-30.
            \#/
V~'-
                        A newer version of Amazon Linux is available!
                        Amazon Linux 2023, GA and supported until 2028-03-15.
                          https://aws.amazon.com/linux/amazon-linux-2023/
5 package(s) needed for security, out of 5 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-80-45 ~]$ sudo so
sudo: so: command not found
[ec2-user@ip-172-31-80-45 ~]$ sudo su
[root@ip-172-31-80-45 ec2-user] # sudo systemctl enable nginx
[root@ip-172-31-80-45 ec2-user] sudo systemctl status nginx
 nginx.service - The nginx HTTP and reverse proxy server
  Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; vendor preset: disabled)
   Active: active (running) since Thu 2025-06-26 07:55:44 UTC; 58min ago
Main PID: 10465 (nginx)
   CGroup: /system.slice/nginx.service
            |-10465 nginx: master process /usr/sbin/nginx
|-10467 nginx: worker process
```

