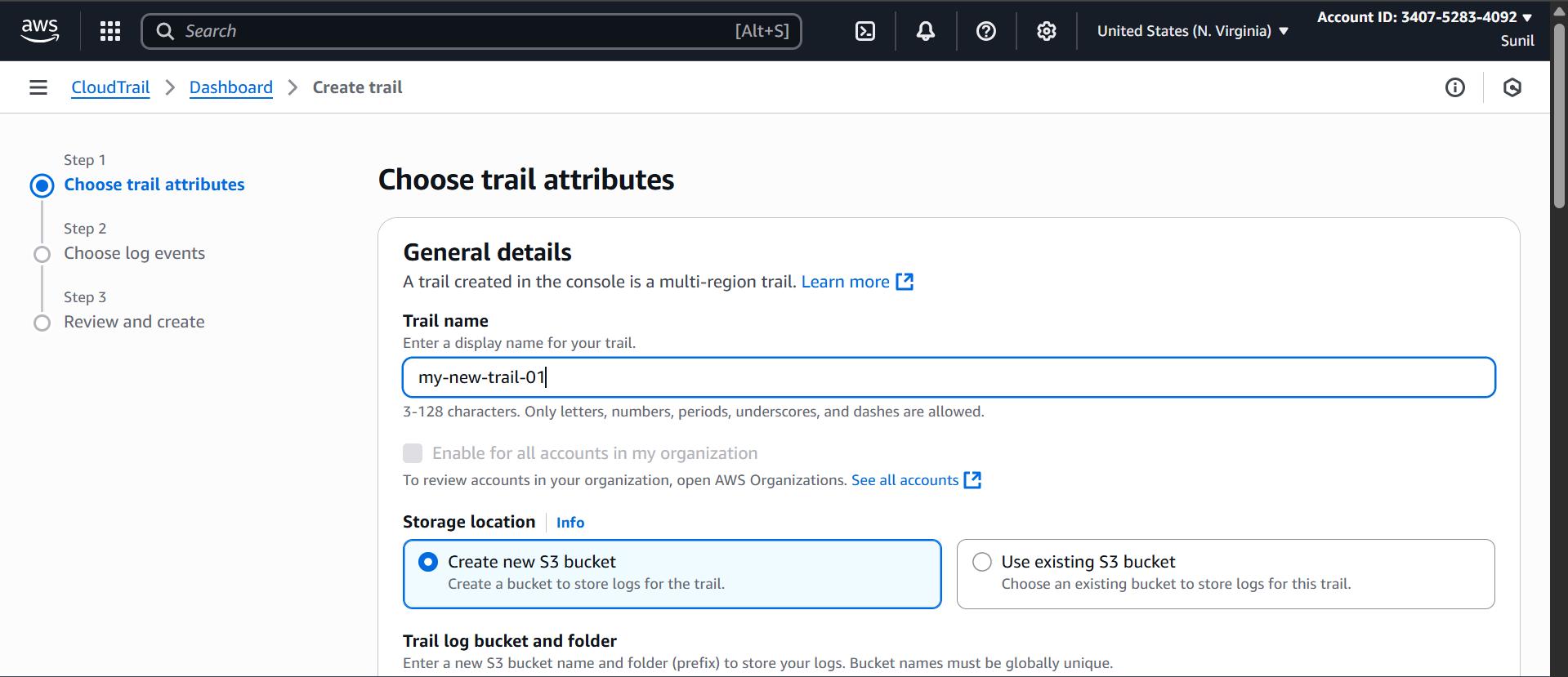
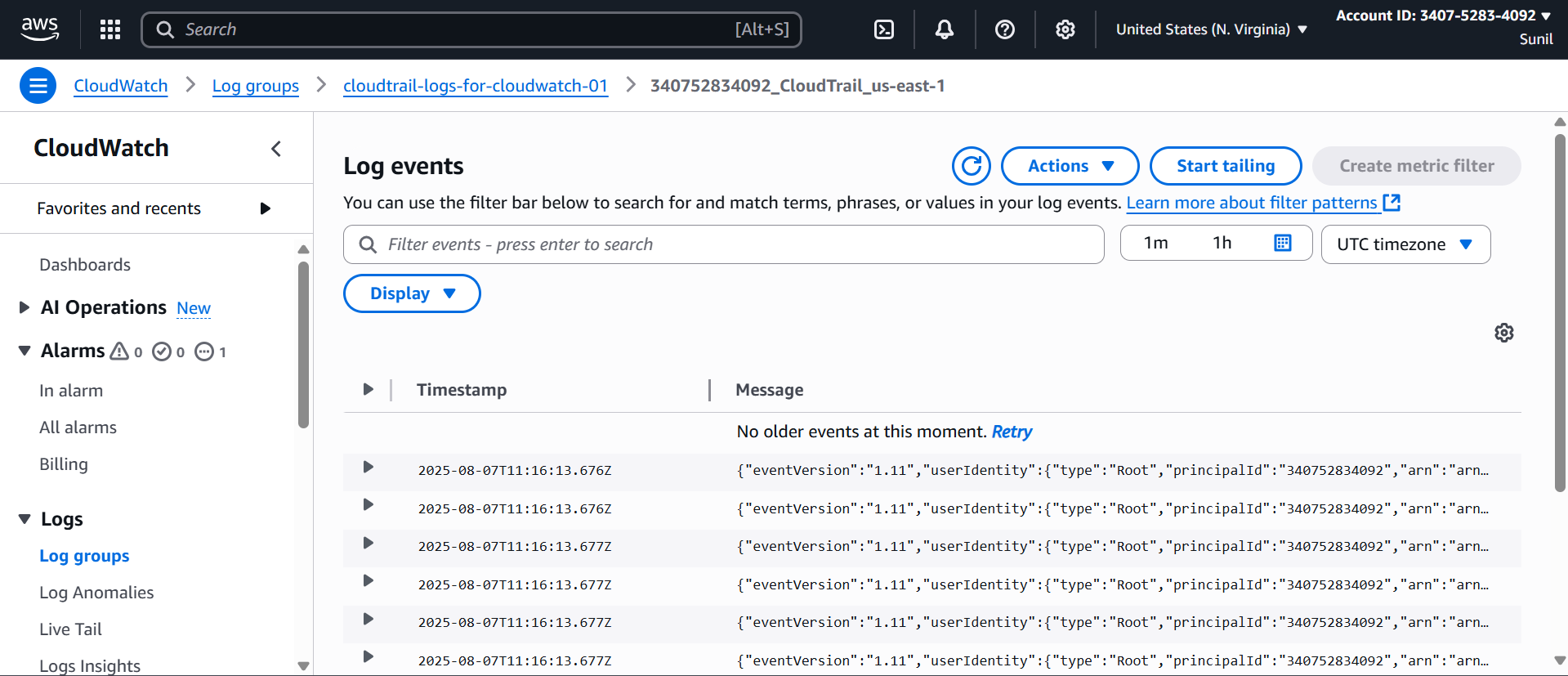
**Cloudtrail & cloudwatch**

**1) Enable cloudtrail monitoring and store the events in s3 and cloudwatch log events.**

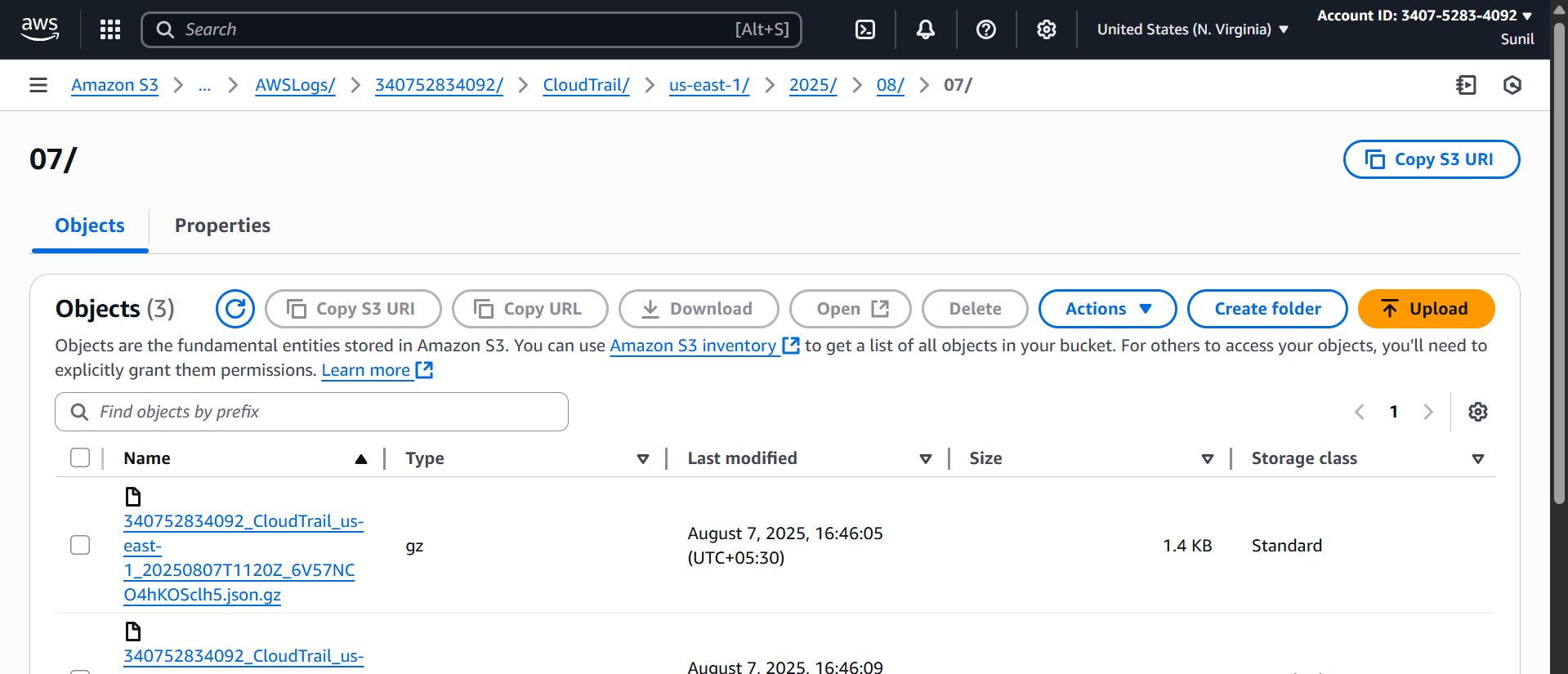
Create a new create trial



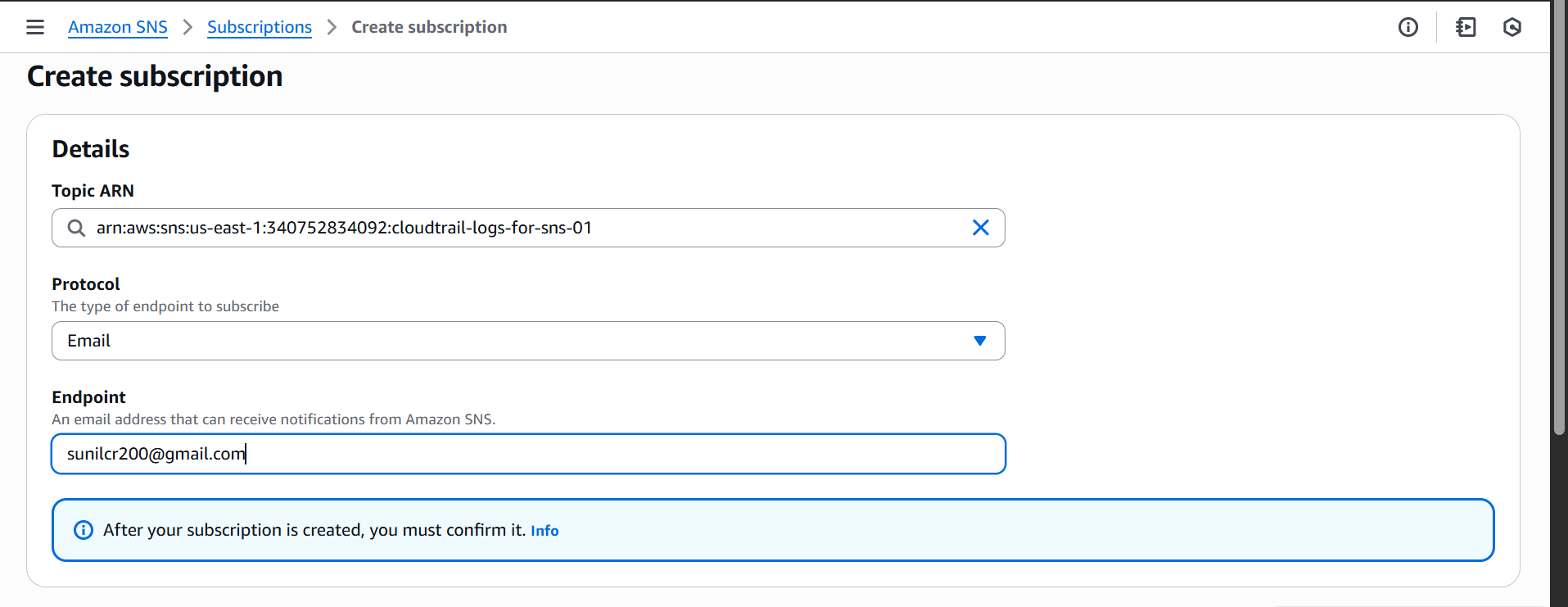
CloudWatch- Log Events

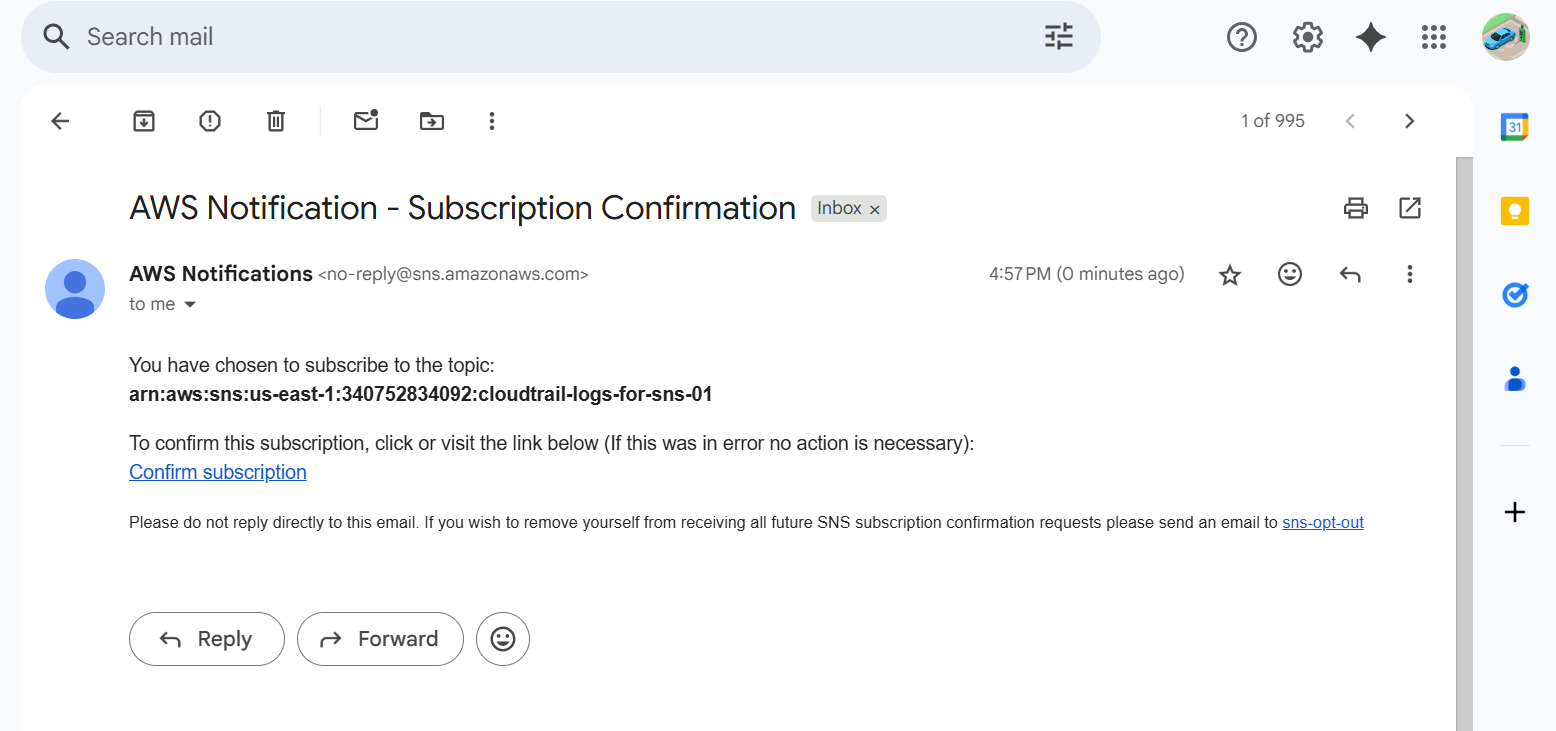


S3 –log Events

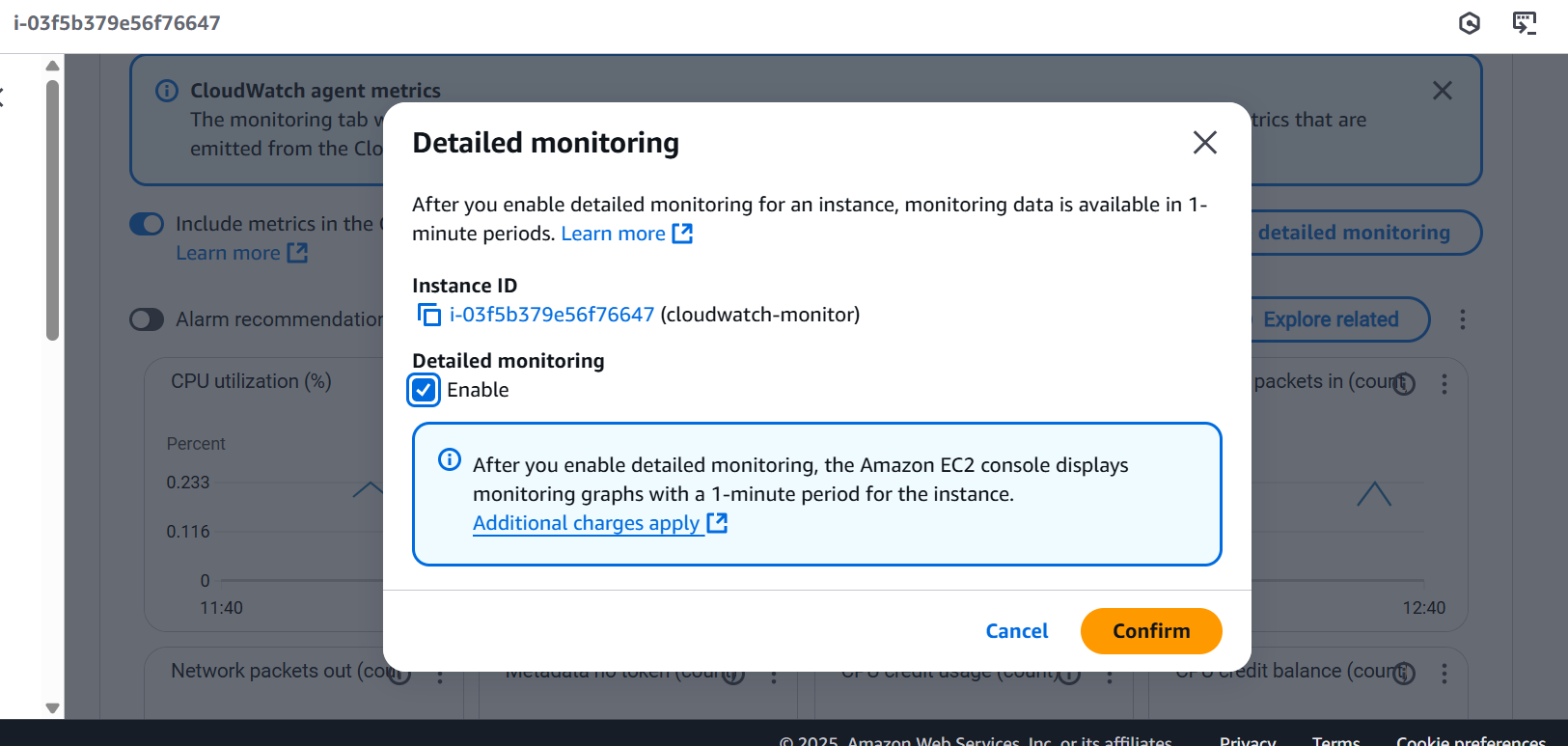


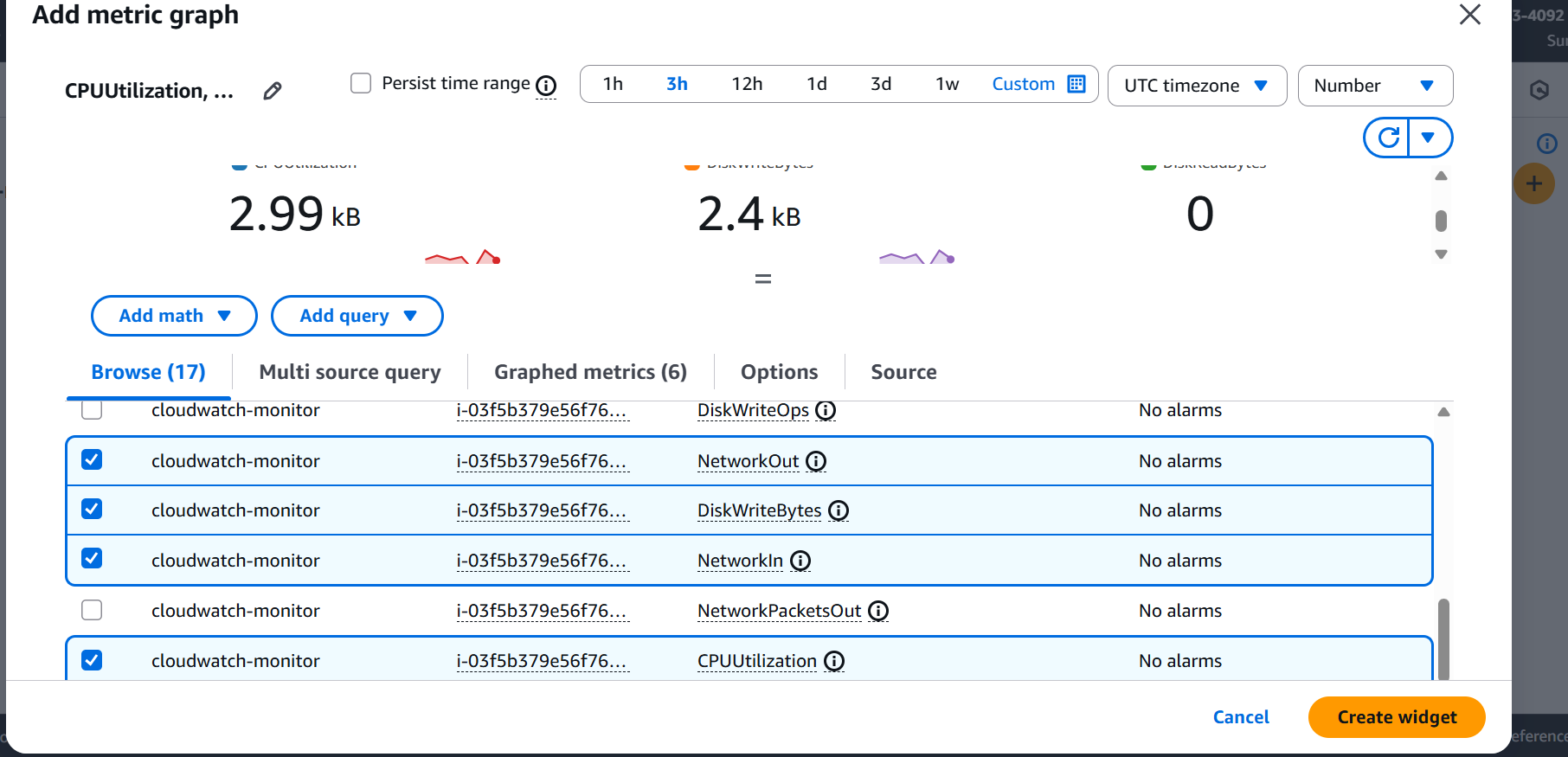
**2) Enable SNS for cloudtrial to send alert on email.**

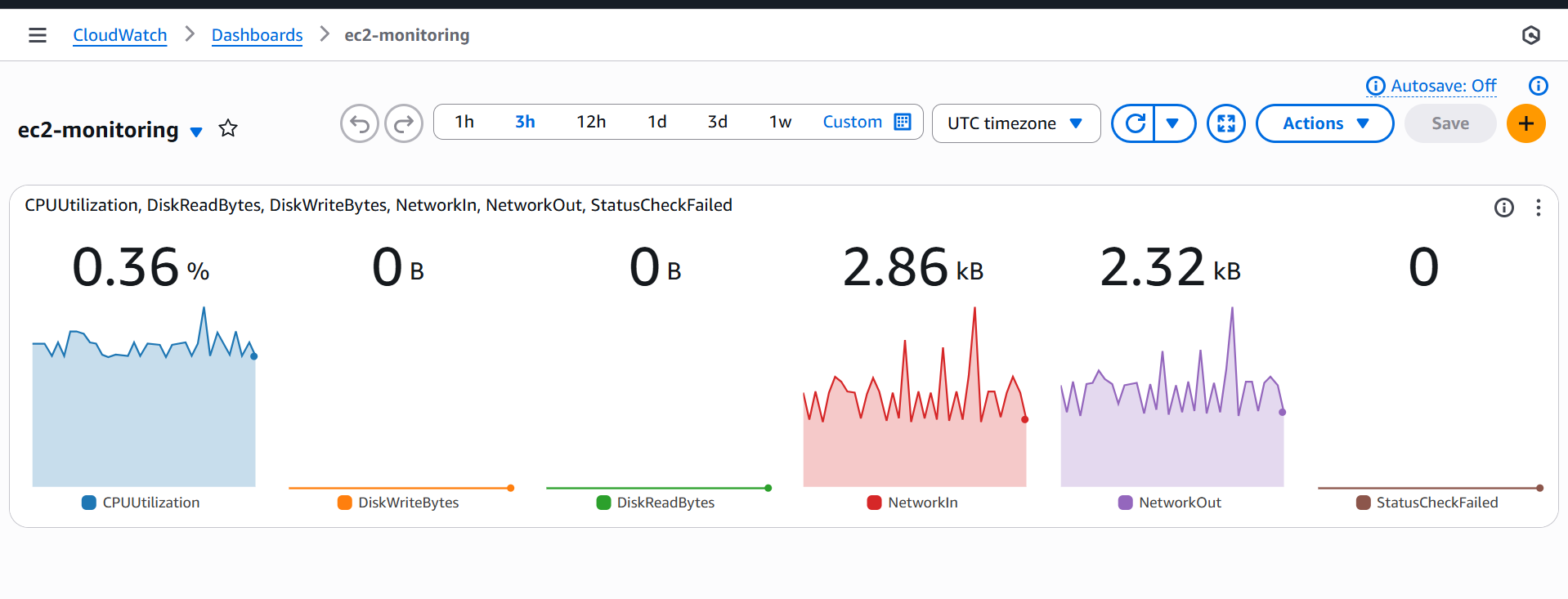




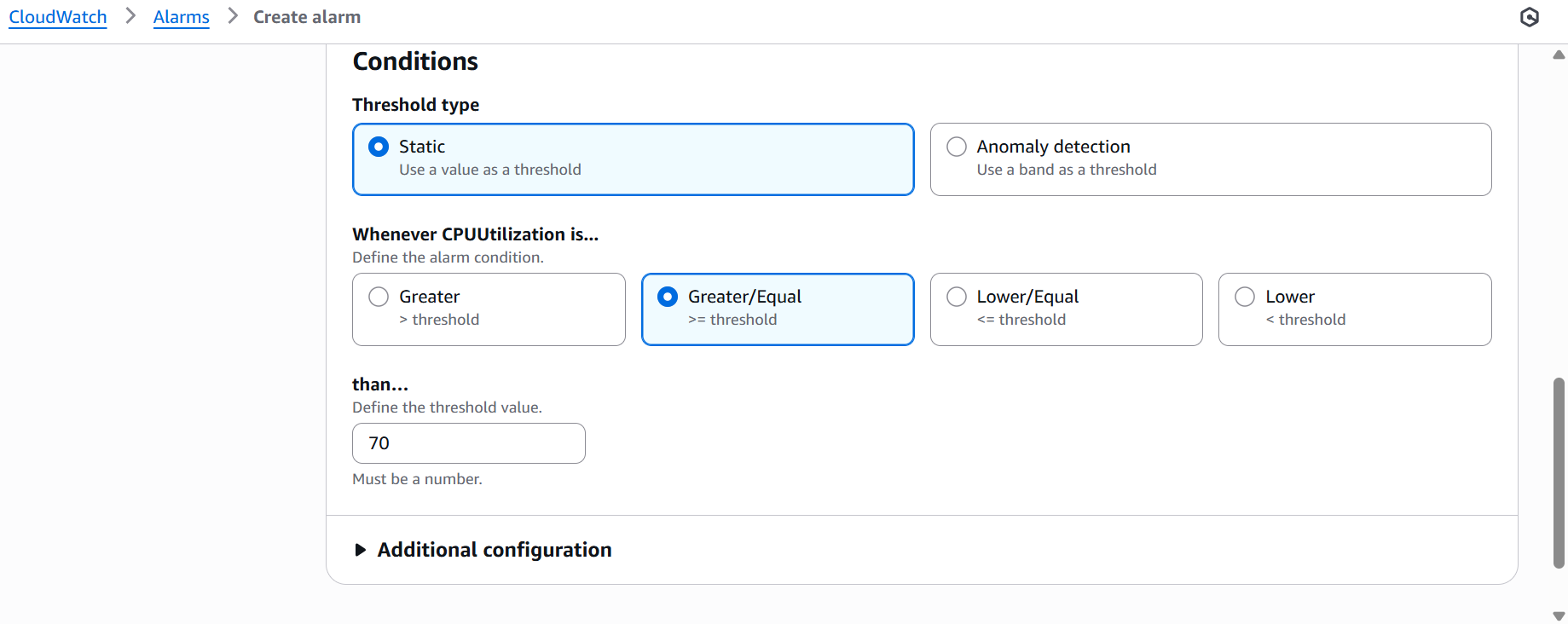
**3) Configure cloud watch monitoring and record the cpu utilization and other metrics of ec2.**

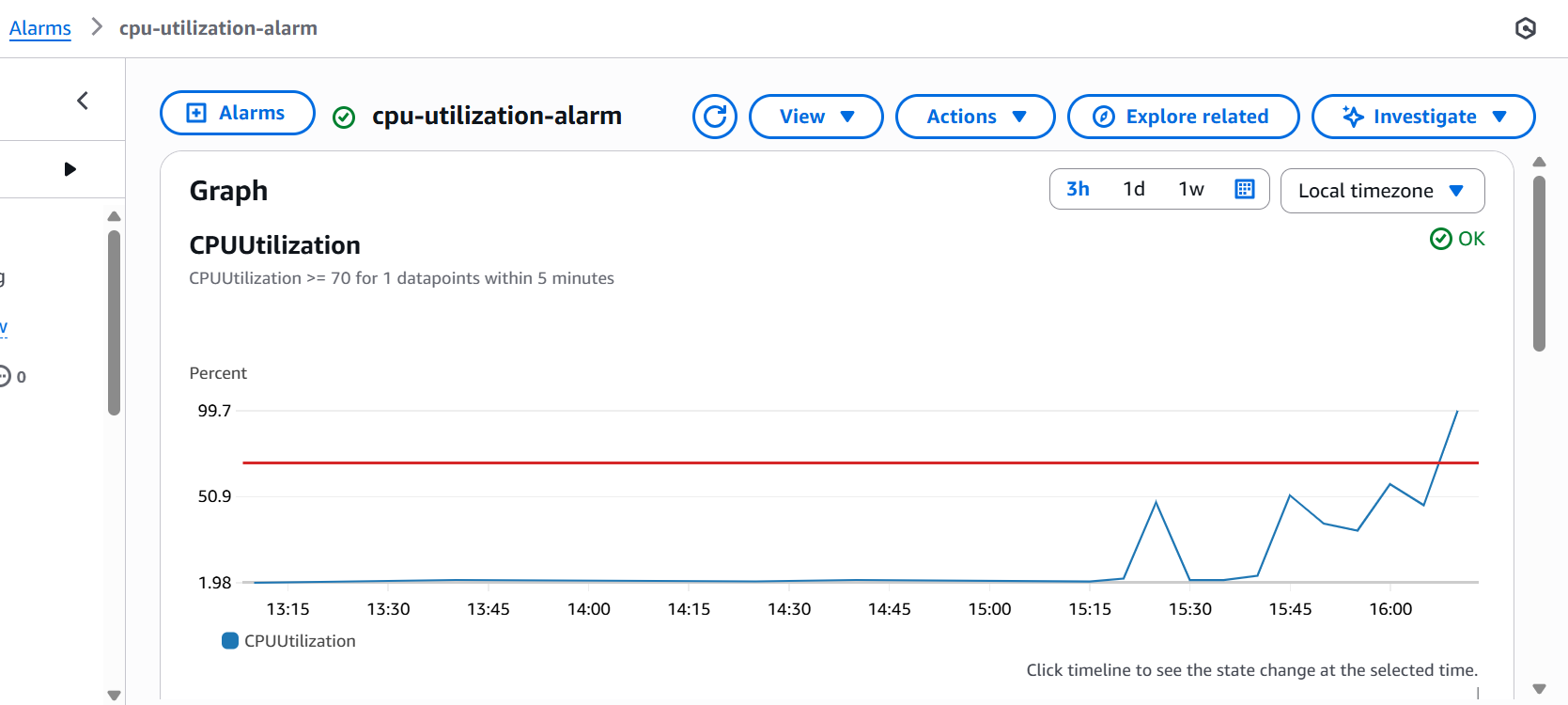


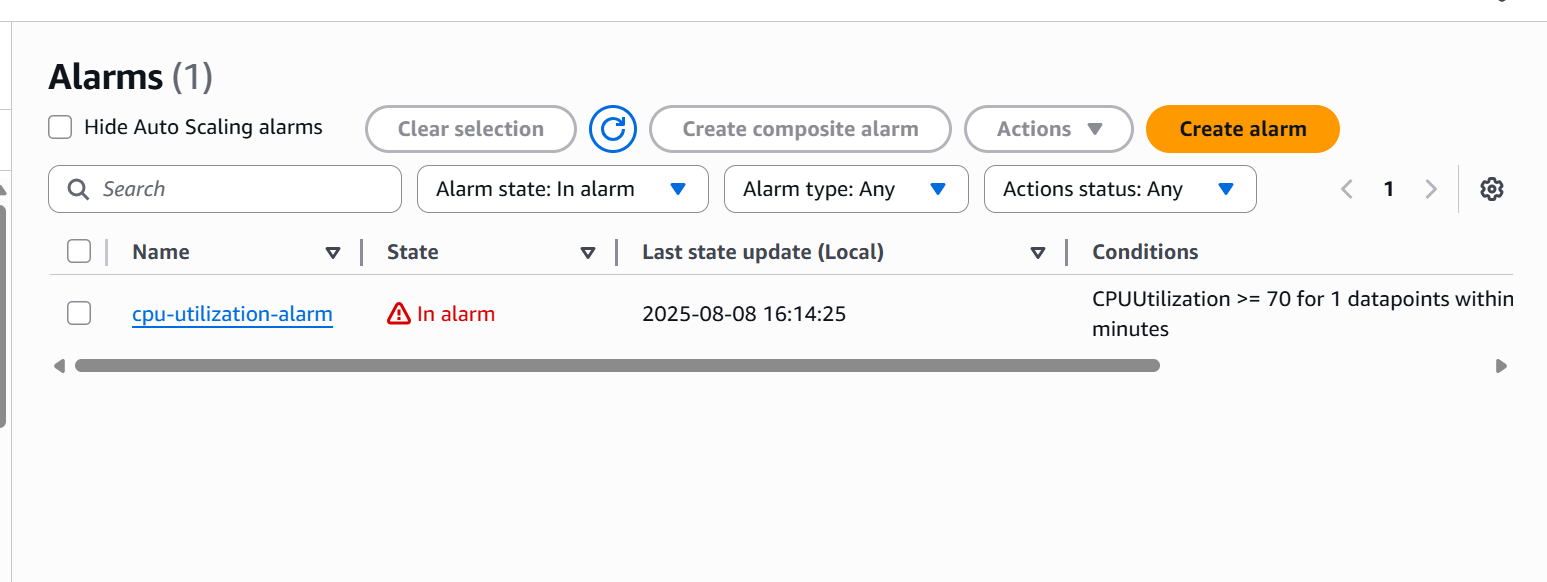


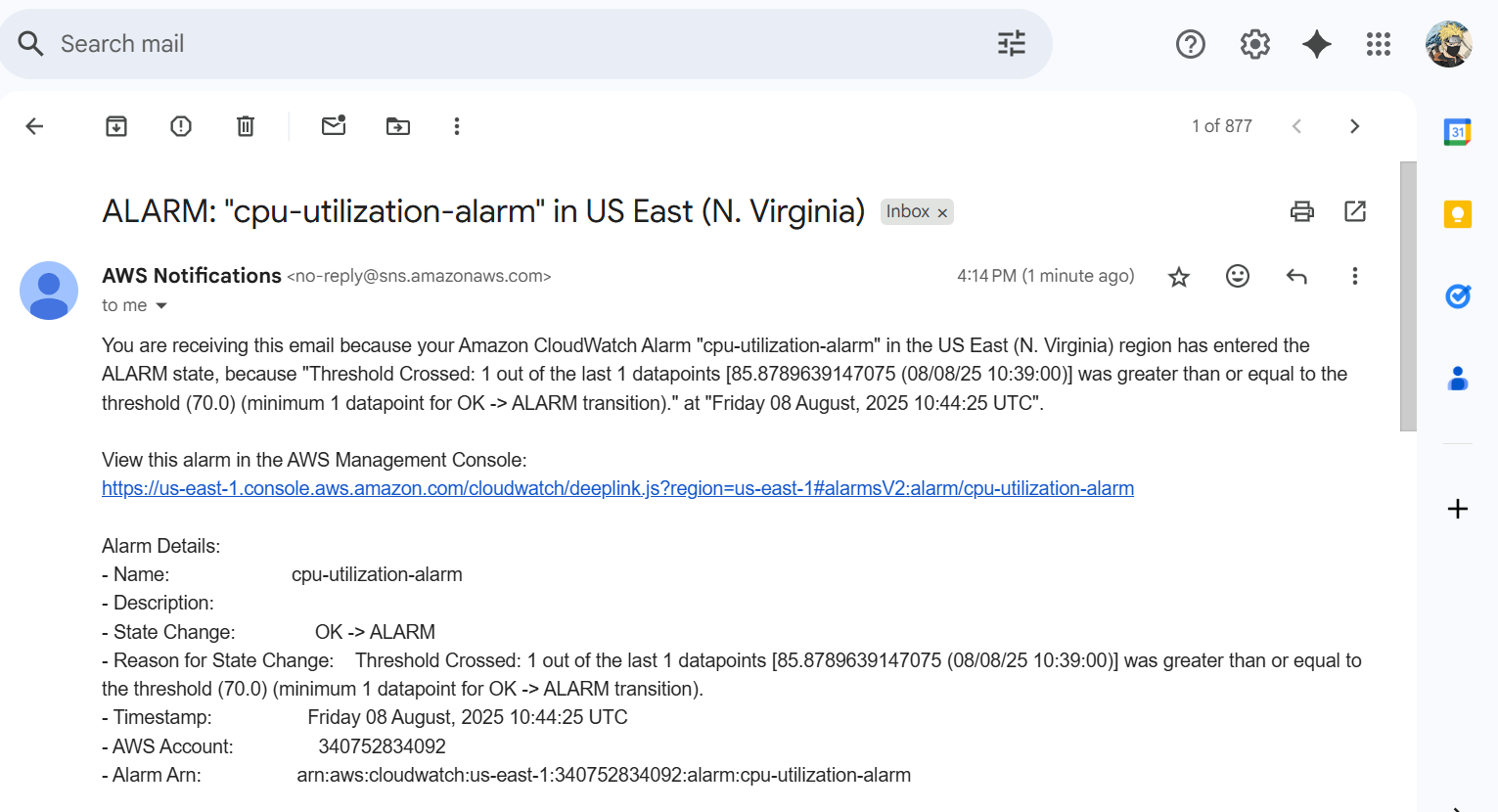


**4) Create one alarm to send alert to email if the cpu utilization is more than 70 percent.**



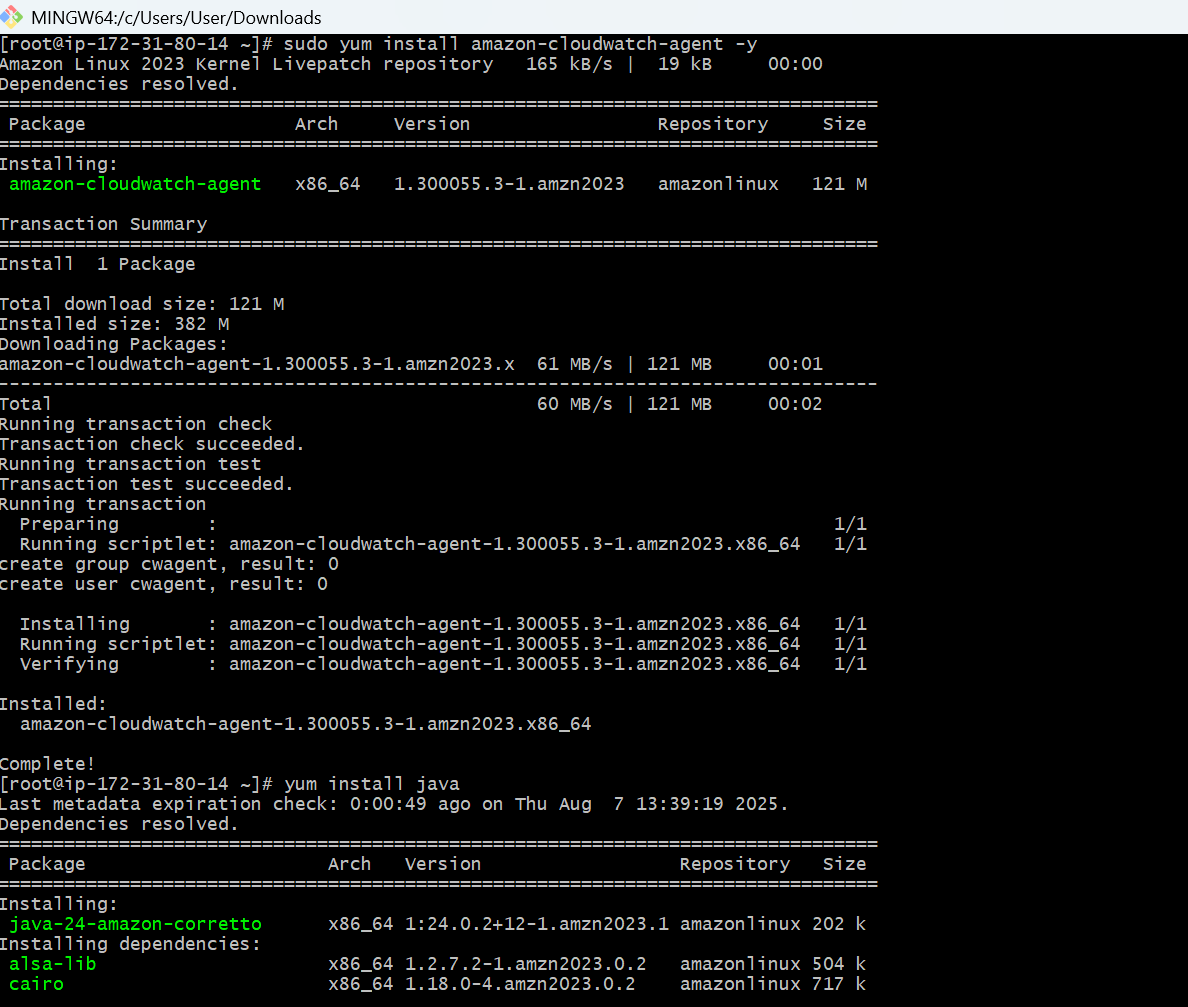


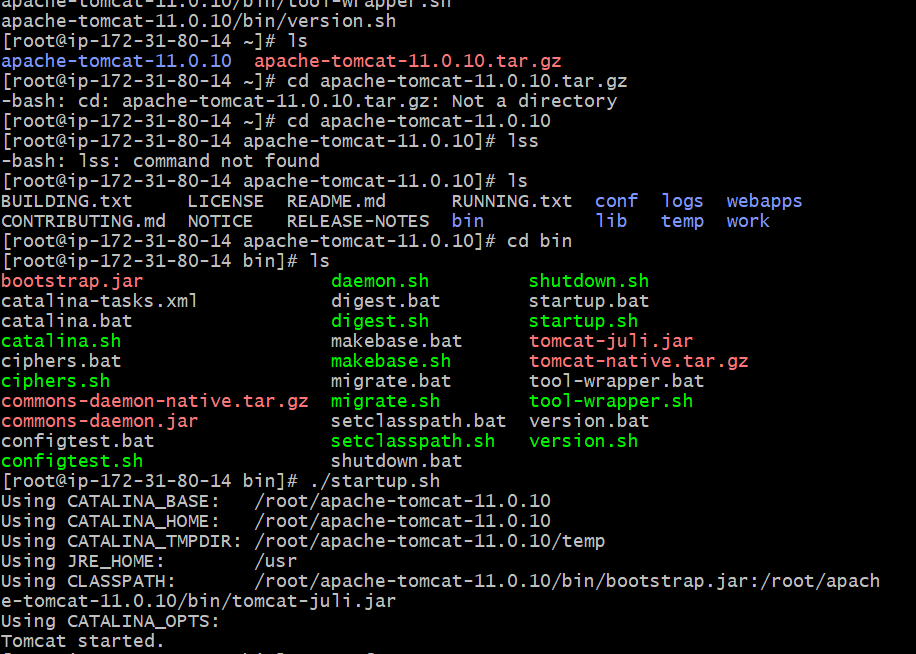


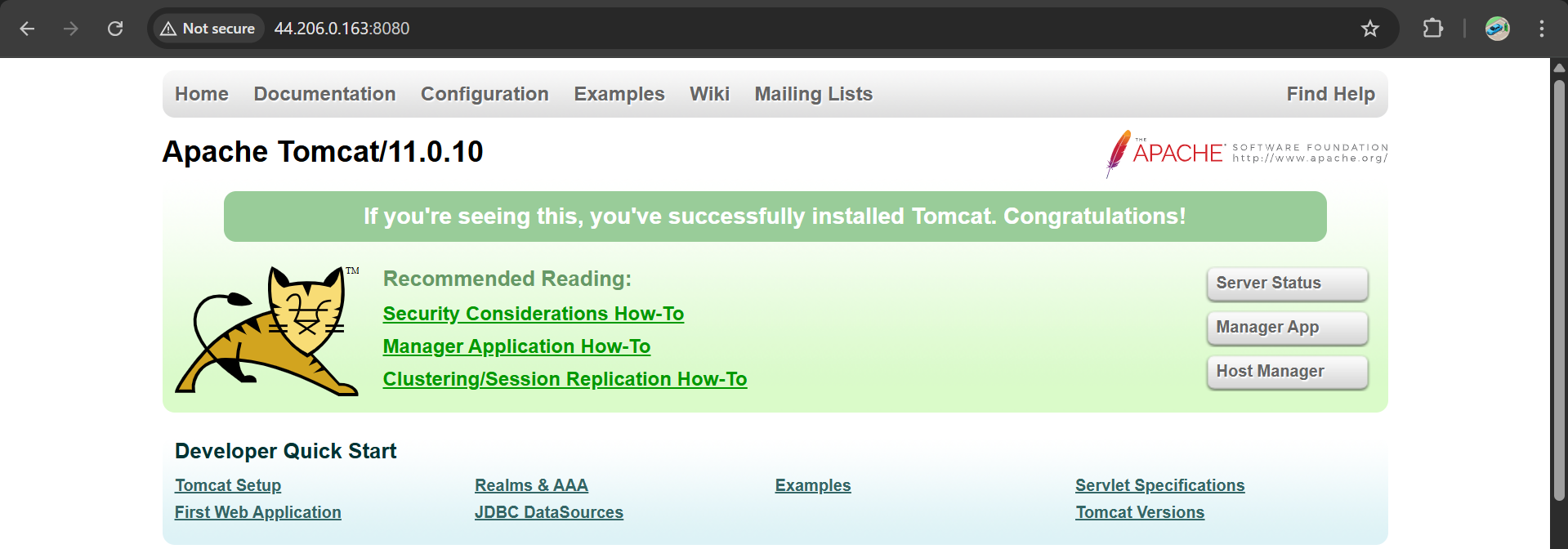


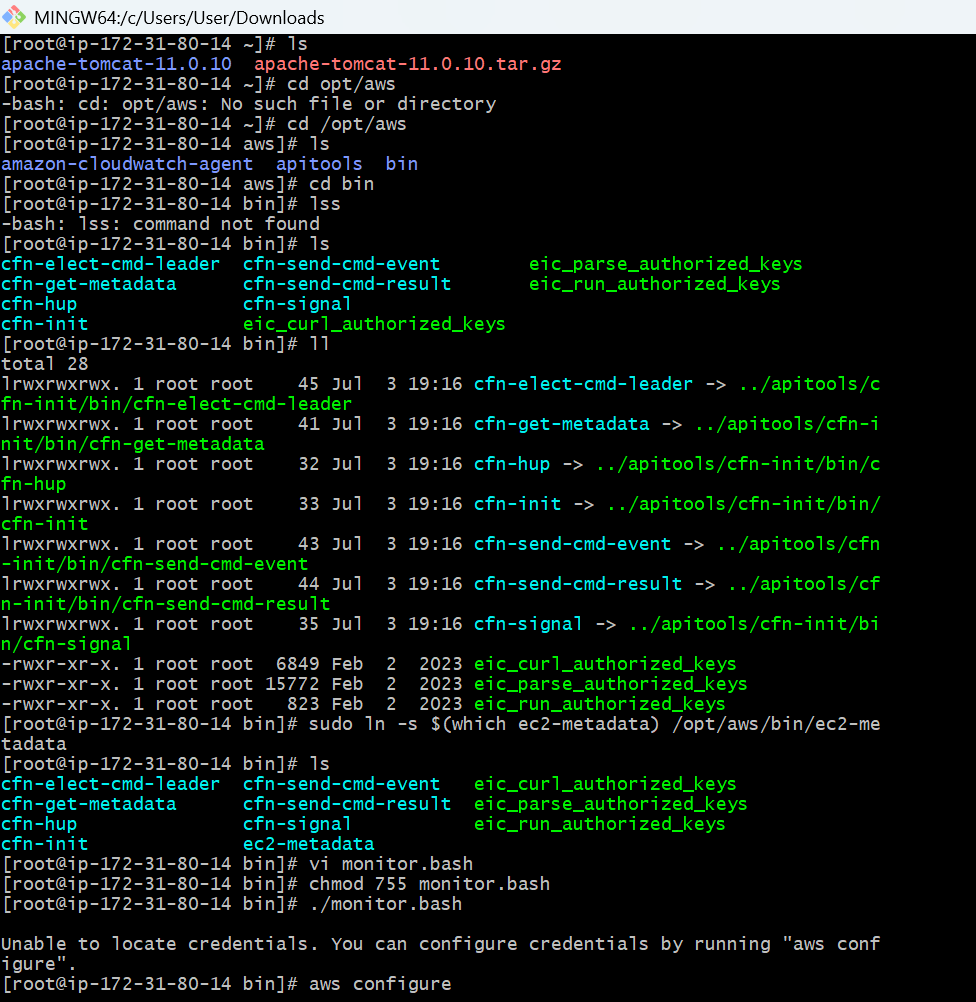
**5) Create Dashboard and monitor tomcat service wether it is running or not and send the alert.**

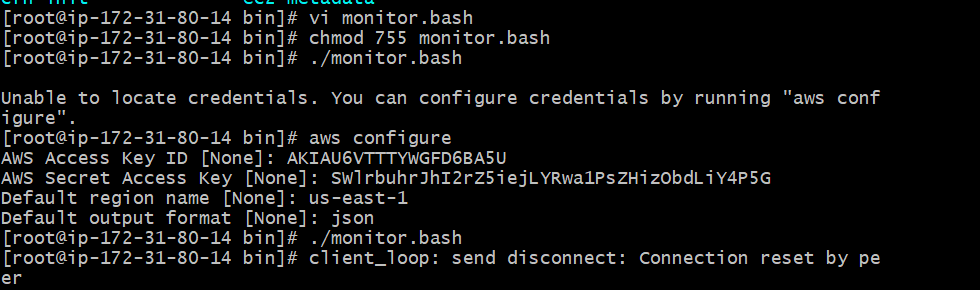
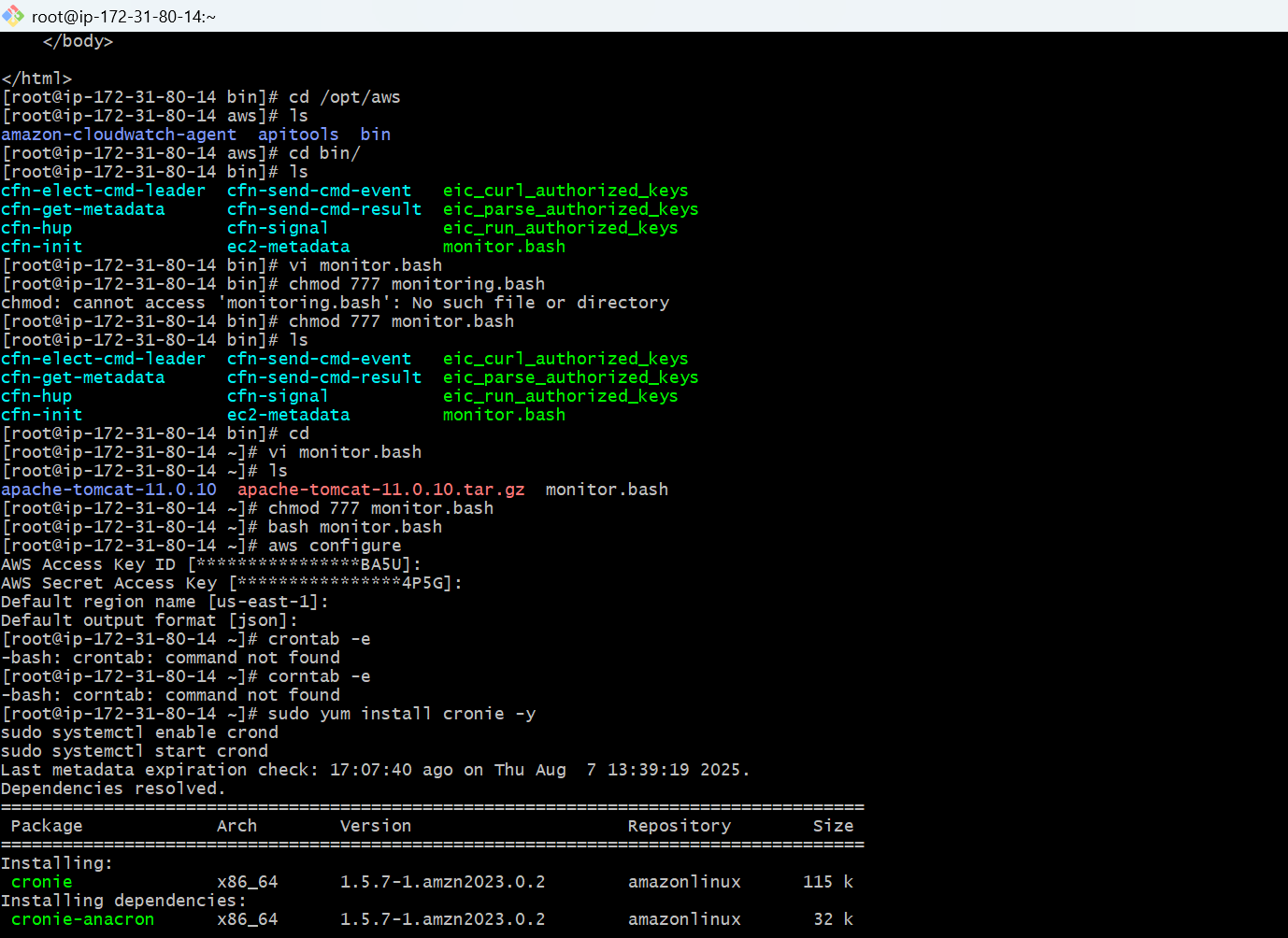
Install java

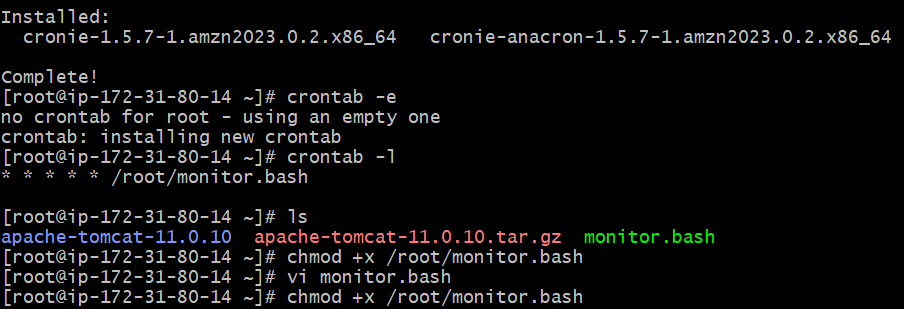
Install tomcat

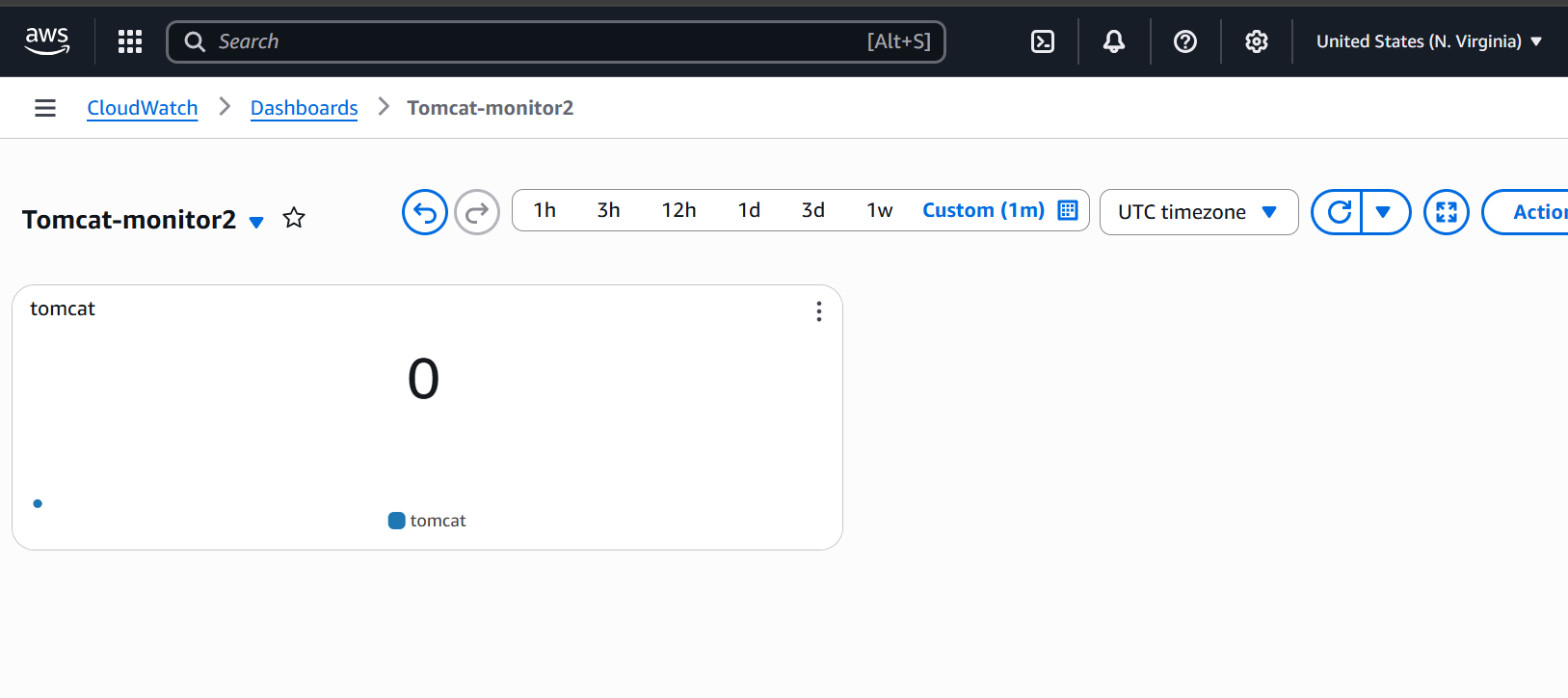


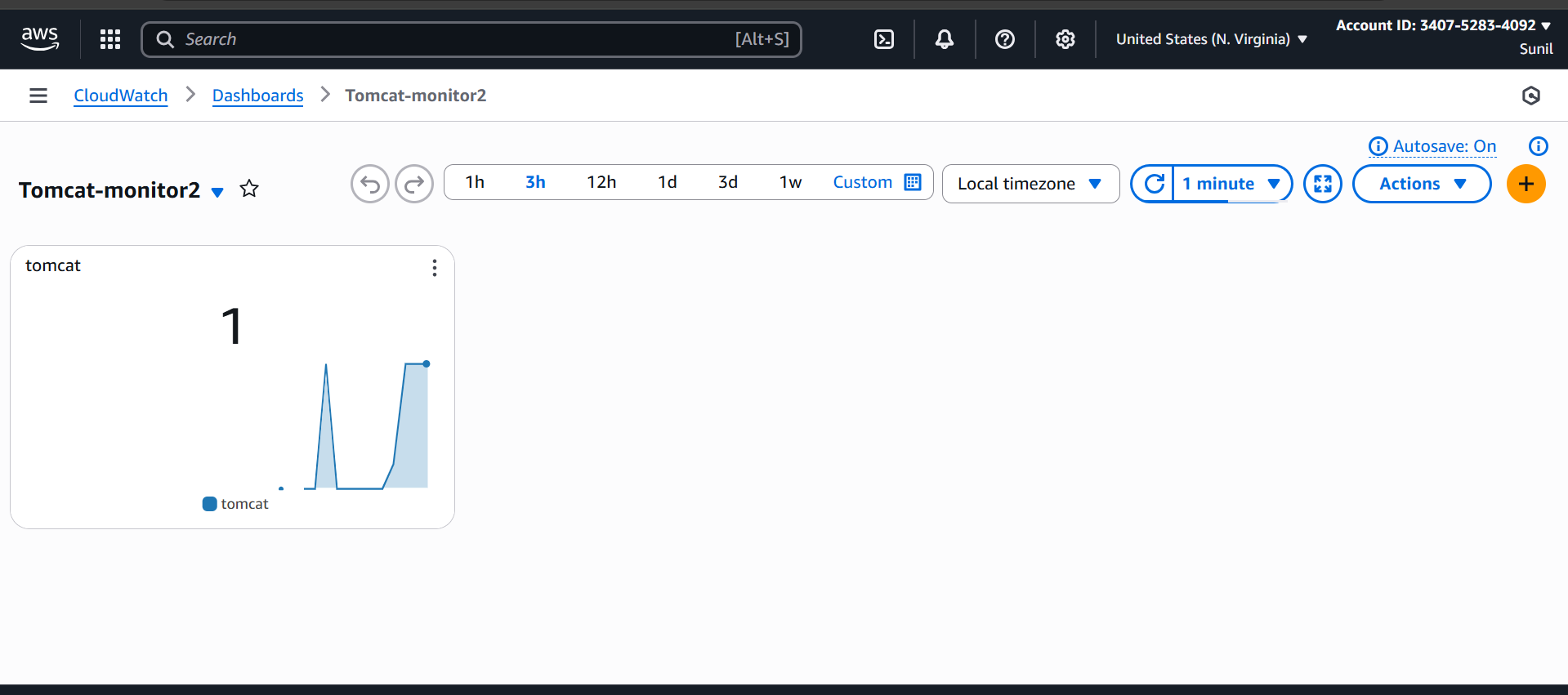




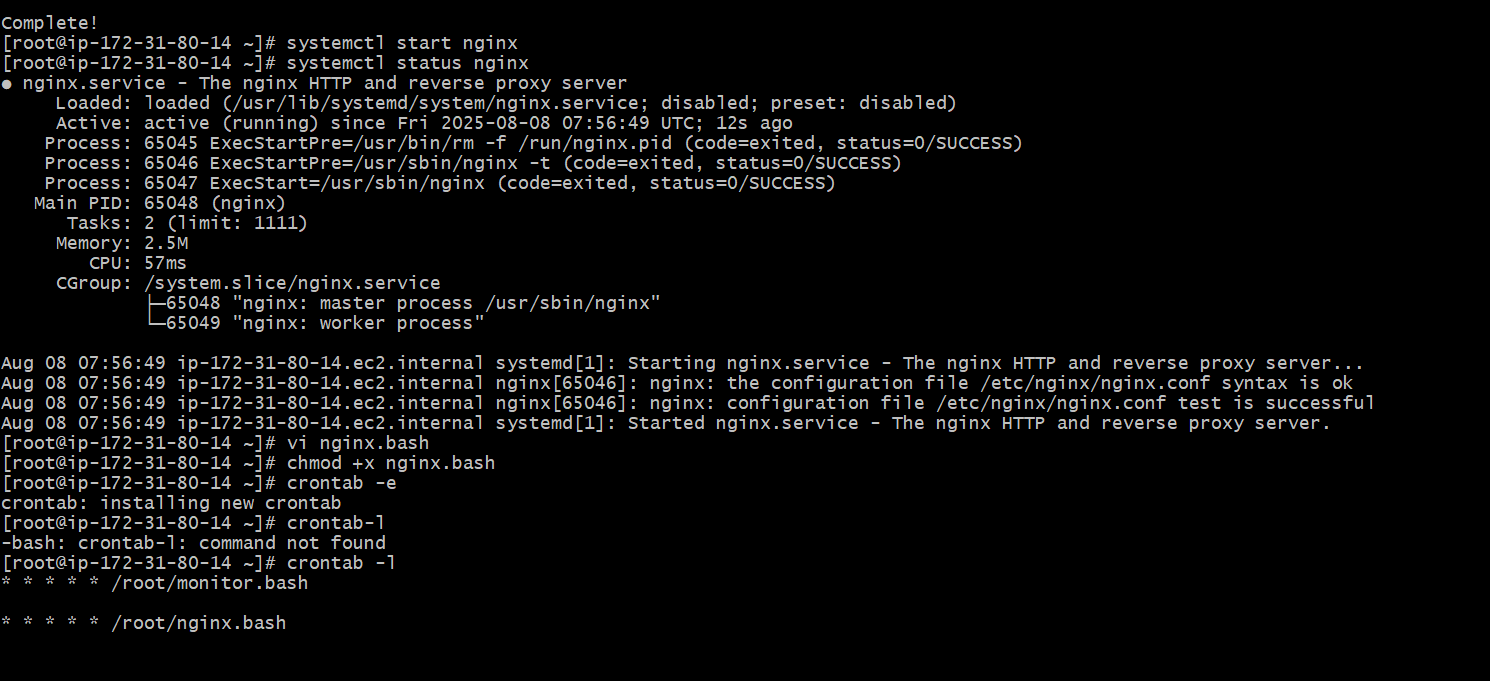
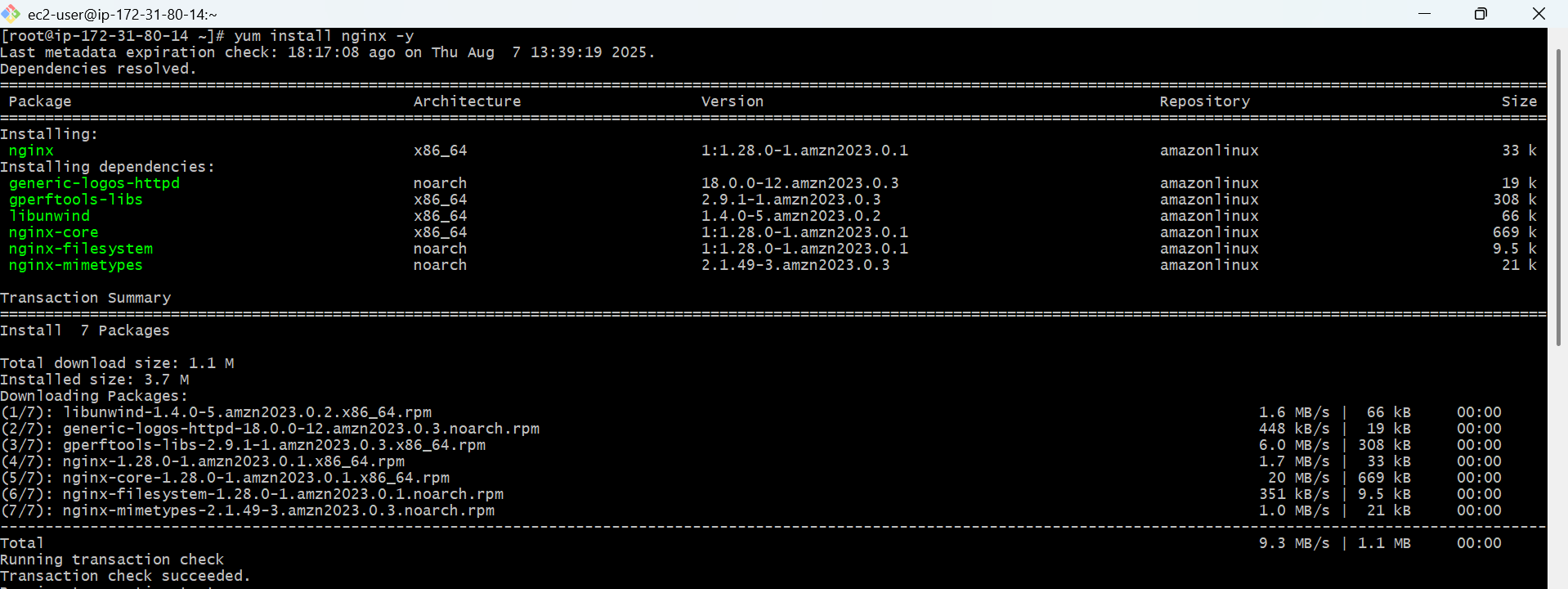


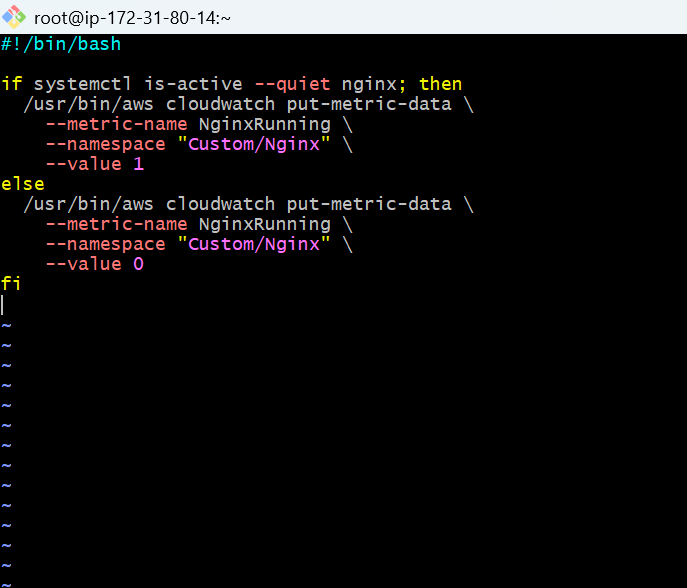




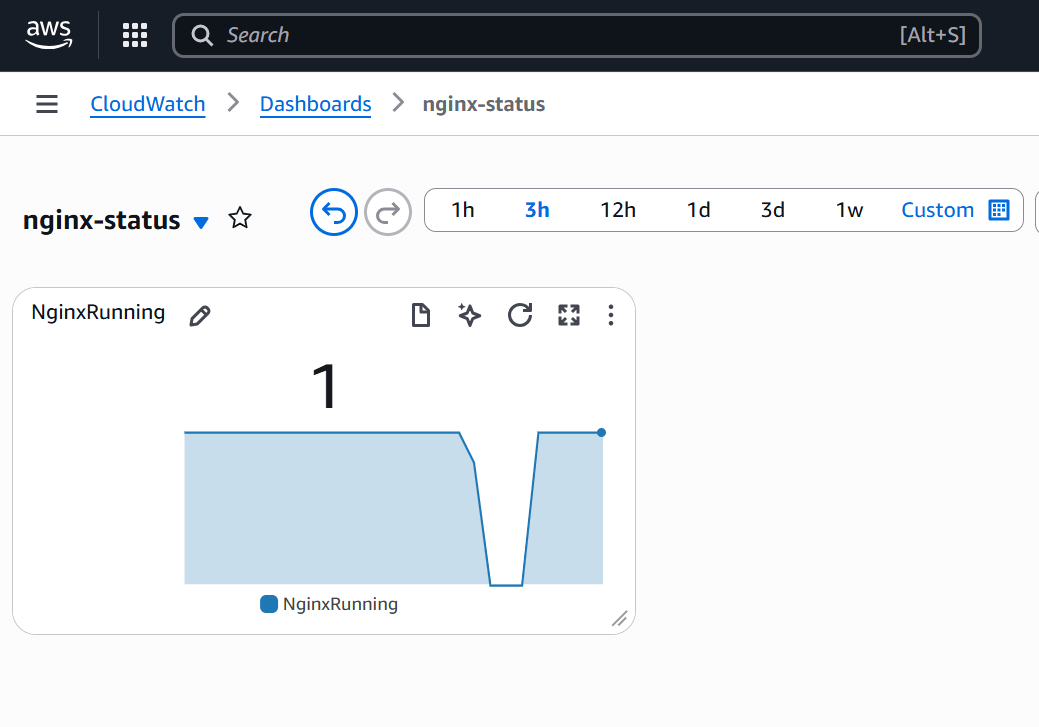


**6) Create Dashboard and monitor nginx service to send the alert if nginx is not running.**

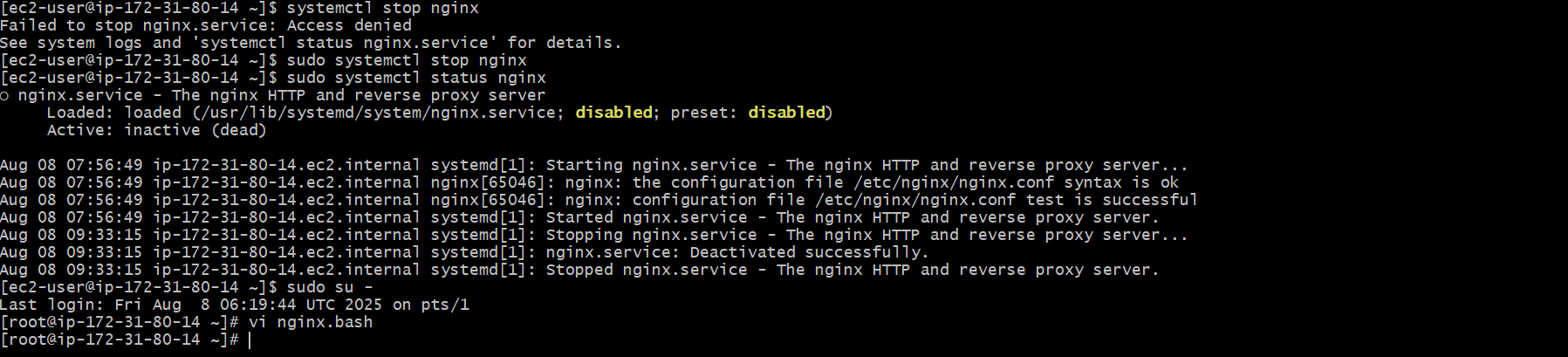




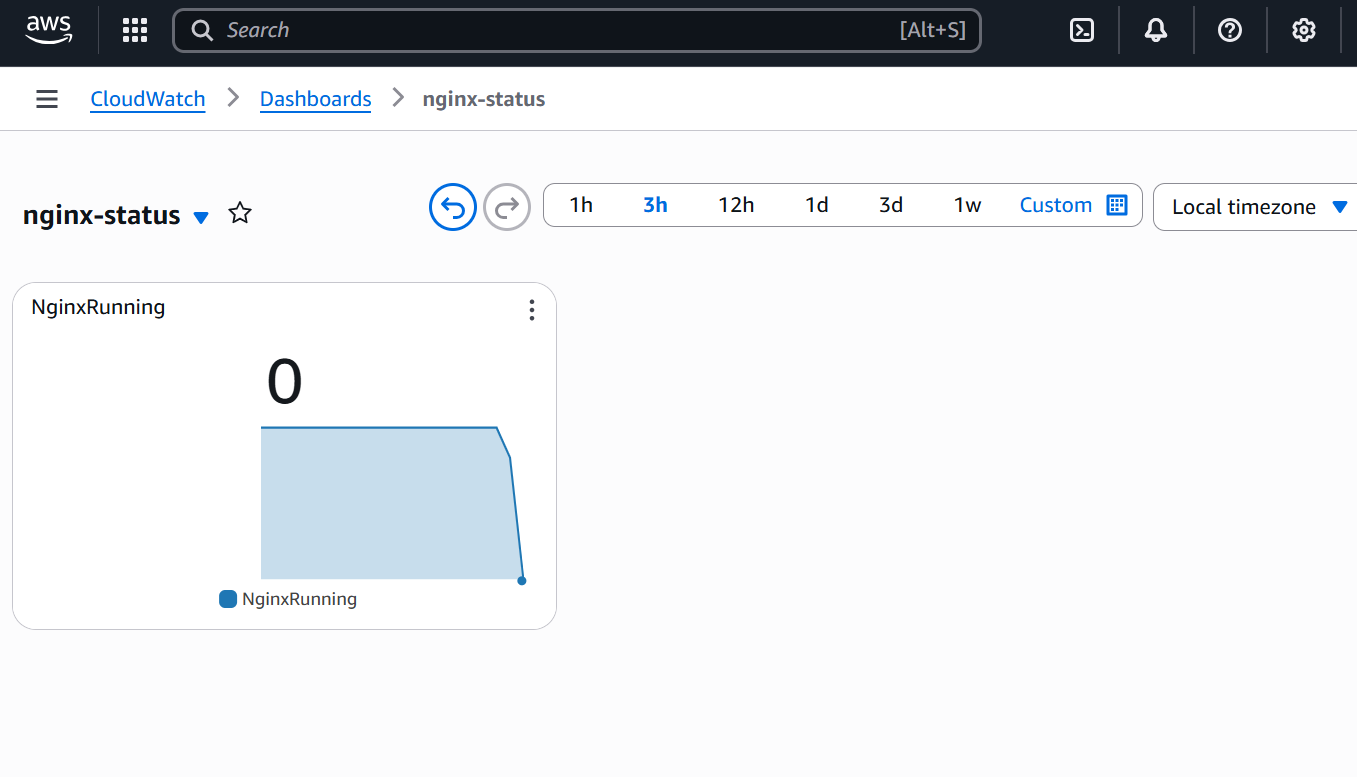
Status of the nginx running ---= 1



Stop the nginx



Status of the nginx stopped ---= 0



Sends notification to email if nginix stops

