

## CloudWatch Alarms assignment

Tasks To Be Performed:

1. Create a CloudWatch billing alarm which goes off when the estimated charges go above \$500.
2. Create a CloudWatch alarm which goes off to an Alarm state when the CPU utilization of an EC2 instance goes above 65%. Also add an SNS topic so that it notifies the person when the threshold is crossed.

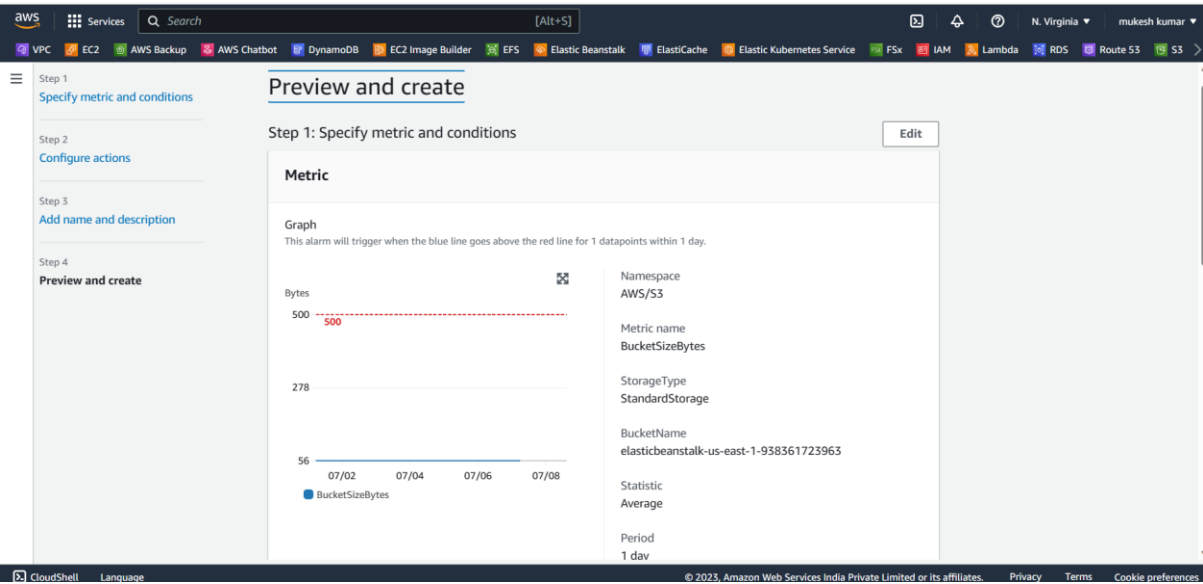
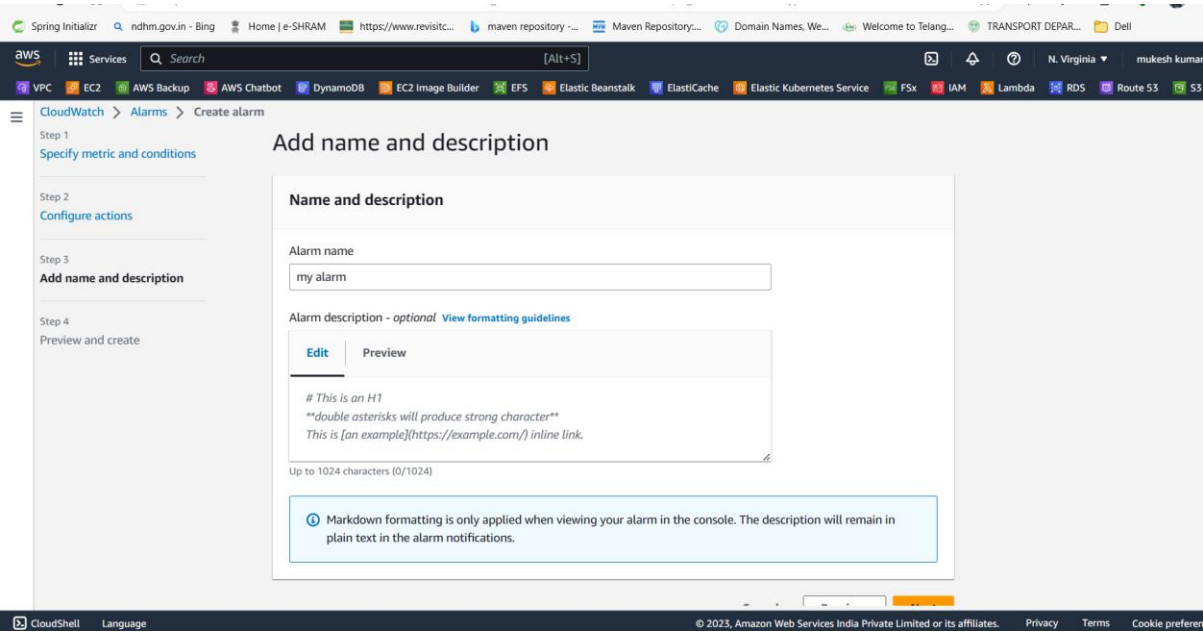
Create a cloud watch

The screenshot shows the 'Specify metric and conditions' step in the AWS CloudWatch console. On the left, a sidebar lists steps: Step 1 (Specify metric and conditions), Step 2 (Configure actions), Step 3 (Add name and description), and Step 4 (Preview and create). The main area features a 'Metric' section with a graph showing 'Bytes' over time (07/02 to 07/08). The graph has a red dashed line at 500 and a blue line representing 'BucketSizeBytes'. To the right of the graph, there are input fields for 'Namespace' (AWS/S3), 'Metric name' (BucketSizeBytes), 'StorageType' (StandardStorage), 'BucketName' (elasticbeanstalk-us-east-1-938361723963), and 'Statistic' (Average).

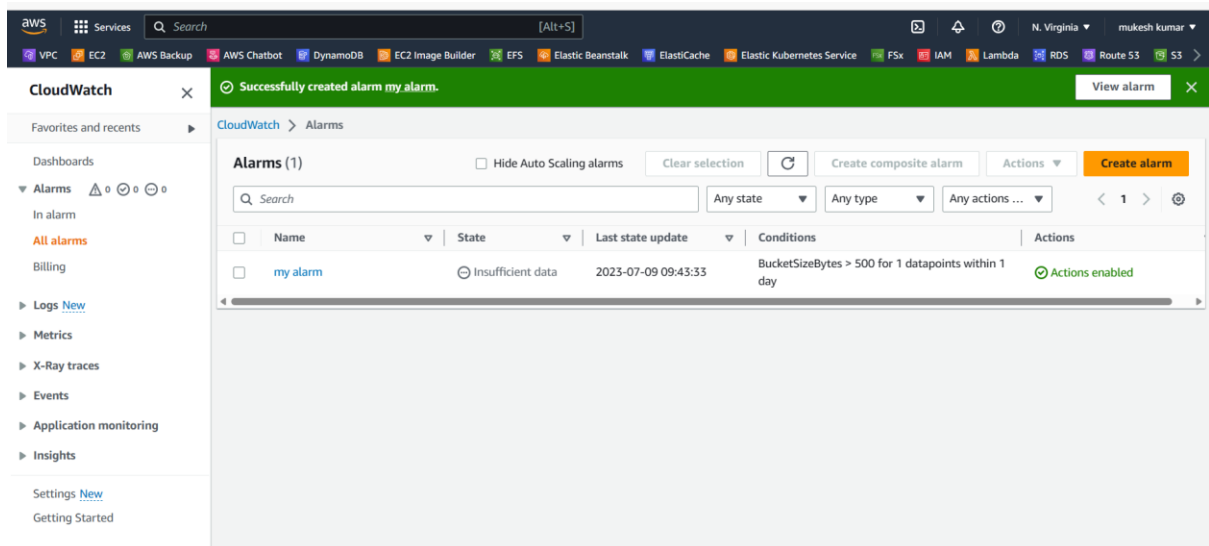
Then create alarm

The screenshot shows the 'Configure actions' step in the AWS CloudWatch console. The sidebar on the left indicates Step 2 (Configure actions). The main area is titled 'Notification' and includes an 'Alarm state trigger' section with three radio button options: 'In alarm' (selected), 'OK', and 'Insufficient data'. Below this, there's a section 'Send a notification to the following SNS topic' with three radio button options: 'Select an existing SNS topic' (selected), 'Create new topic', and 'Use topic ARN to notify other accounts'. A search bar shows 'codestar-notifications-mukesh'. At the bottom, there's an 'Email (endpoints)' section with the email 'mukesh111yaro@gmail.com' and a link to 'View in SNS Console'.

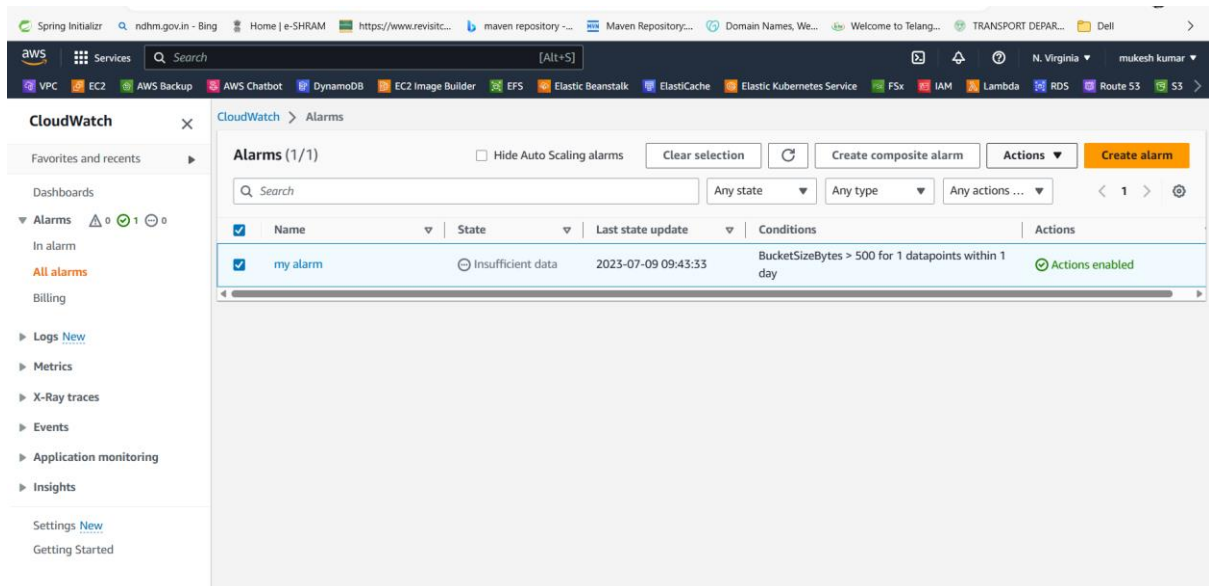
Create a alarm name



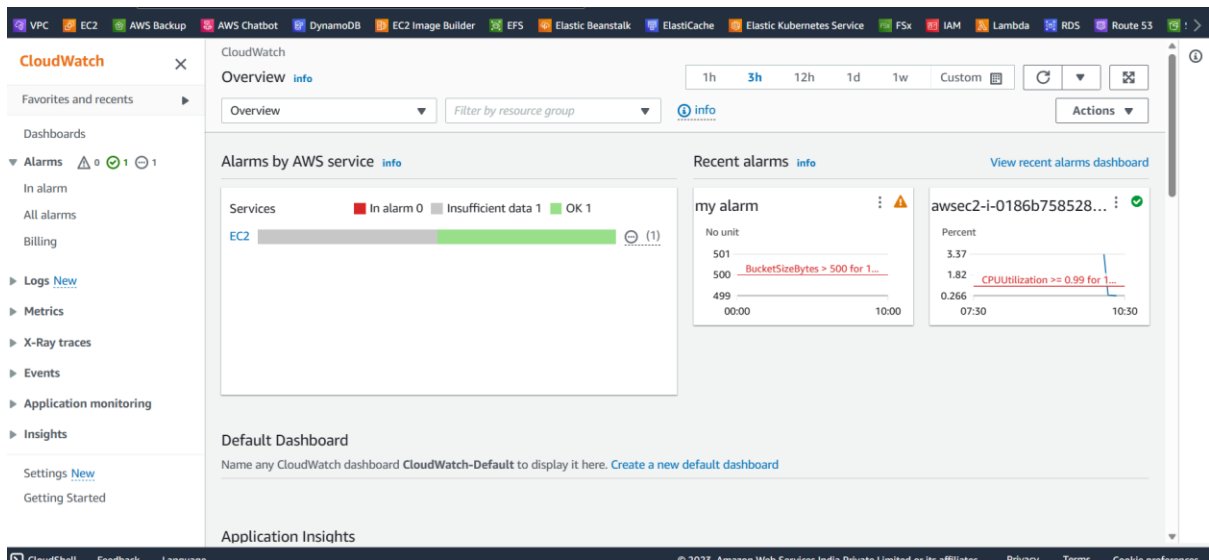
Completed create alarm



Selected the action now create a sending email ,sns..etc



Now run the EC2 programming select the alarm set to send email billing amount in sns



After wards send email check the msg notification

