



# 100 Days of AWS — Day 11 — Using AWS CloudWatch to create a Billing alarm

To view the complete course, please enroll it using the below link(it's free)

<https://www.101daysofdevops.com/courses/100-days-of-aws/>

Welcome to Day 11 of 100 Days of AWS. The topic for today is using AWS CloudWatch creating a billing alarm.

You can monitor your AWS account charges by setting up a CloudWatch alarm. The alarm will trigger once your billing threshold exceeds.

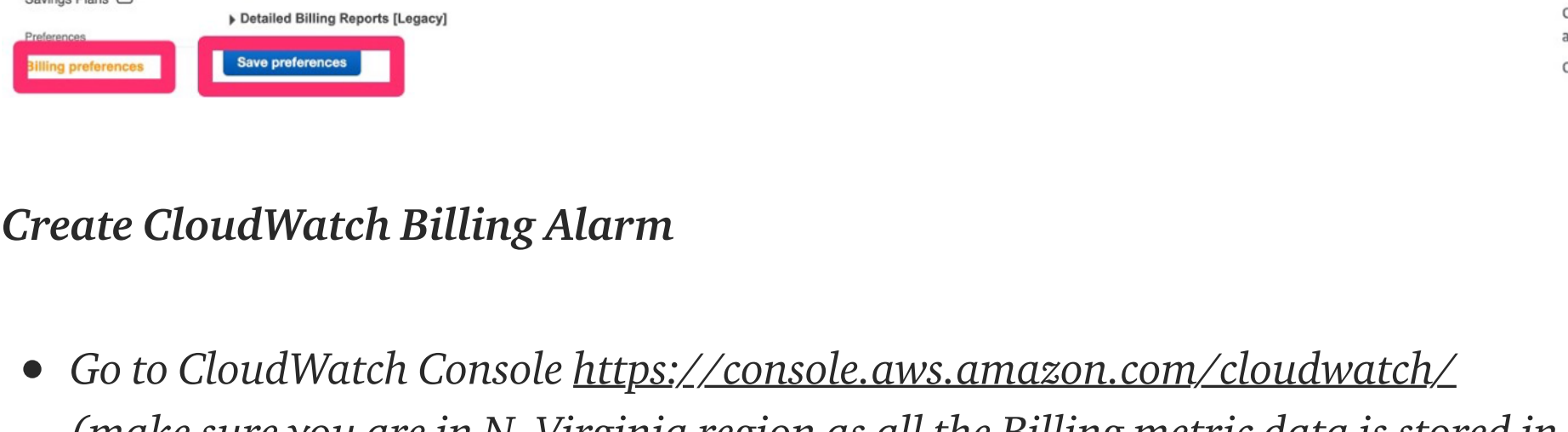
These are the steps you need to follow

## Enable Billing Alert

- The first step is enable the billing alerts so that you can monitor the estimated AWS charges.

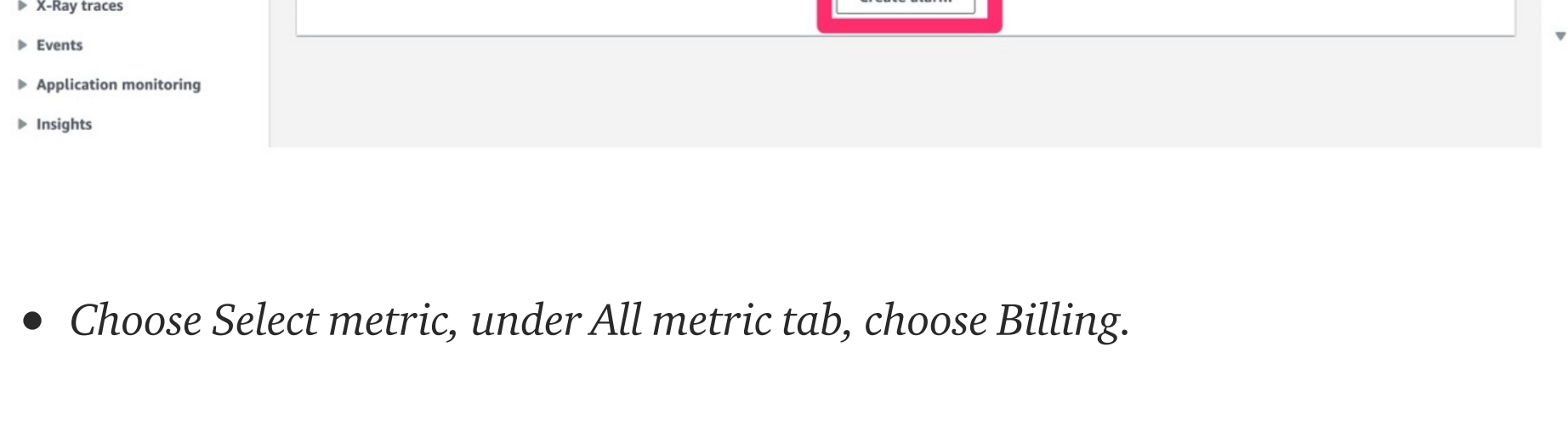
NOTE: After you enable the billing alert it will take 15 minutes before you can view the billing data and set billing alarms.

- Go to the AWS Billing console <https://console.aws.amazon.com/billing/>. You must be in US East(N. Virginia) region and signed as a root user or IAM user must have permission to view billing information.
- Choose Billing preferences and then click on Receive Billing Alerts and then Save preferences.

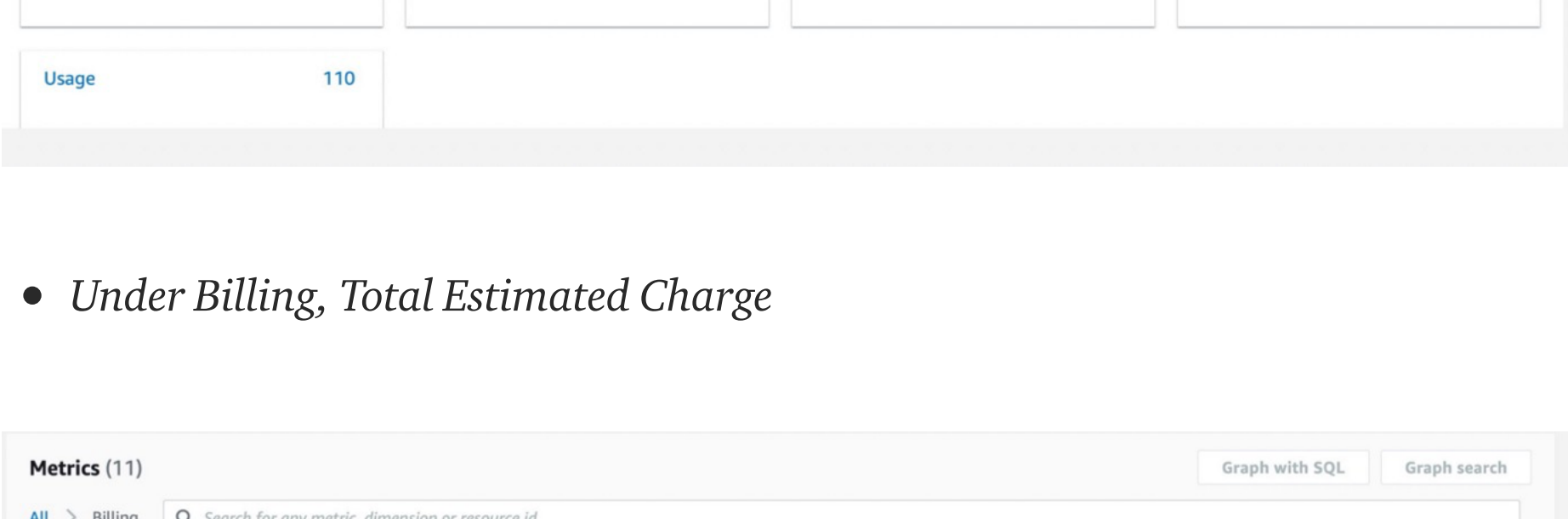


## Create CloudWatch Billing Alarm

- Go to CloudWatch Console <https://console.aws.amazon.com/cloudwatch/> (make sure you are in N. Virginia region as all the Billing metric data is stored in this region)
- Click on All alarms and Create alarm



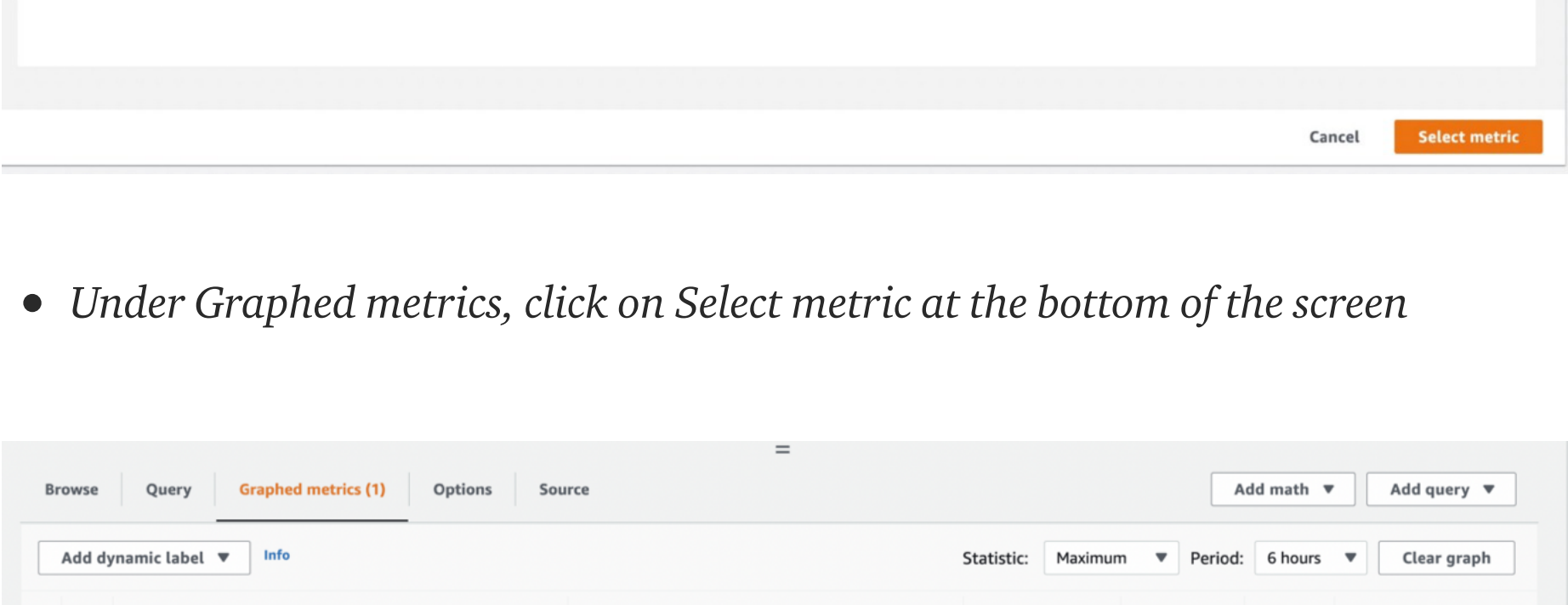
- Choose Select metric, under All metric tab, choose Billing.



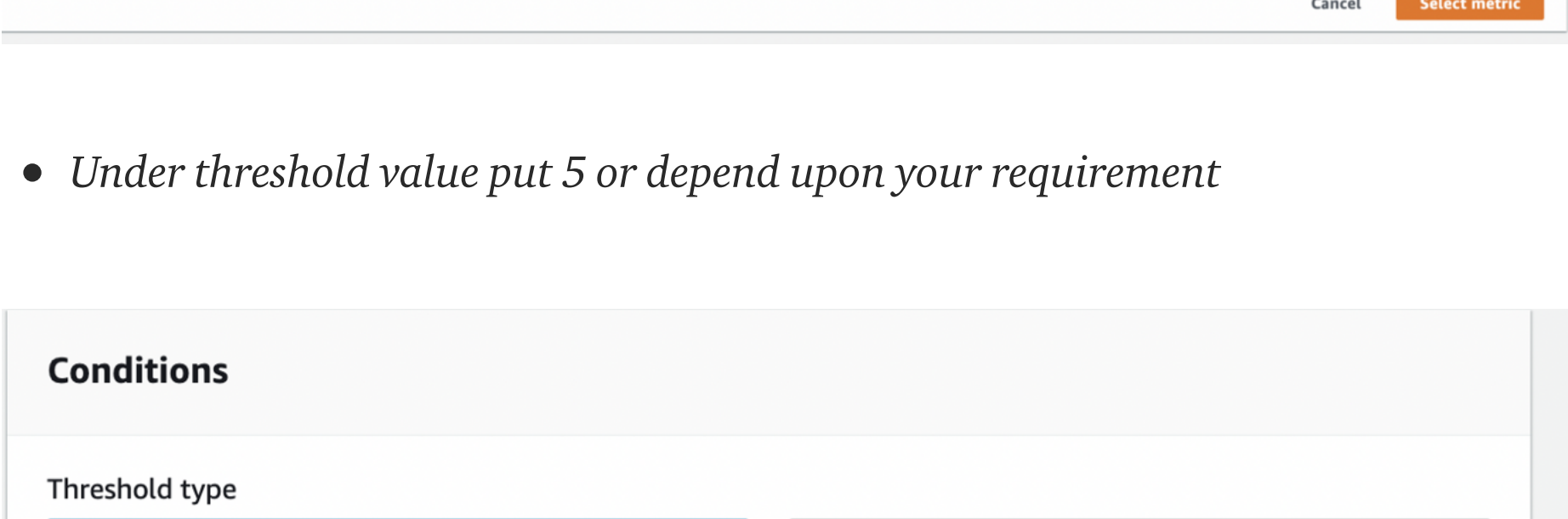
- Under Billing, Total Estimated Charge



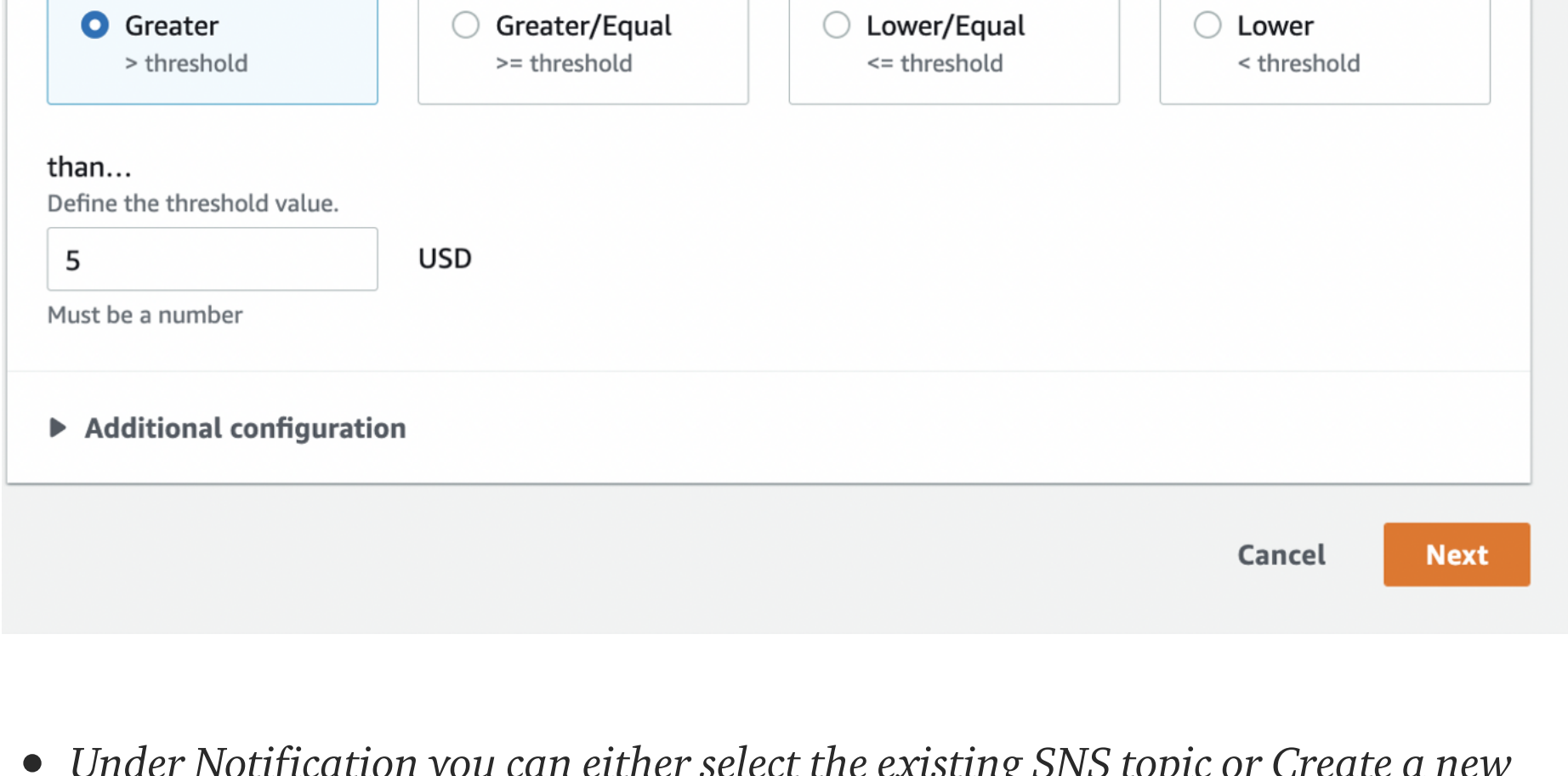
- Select metrics(USD) and Graphed metrics



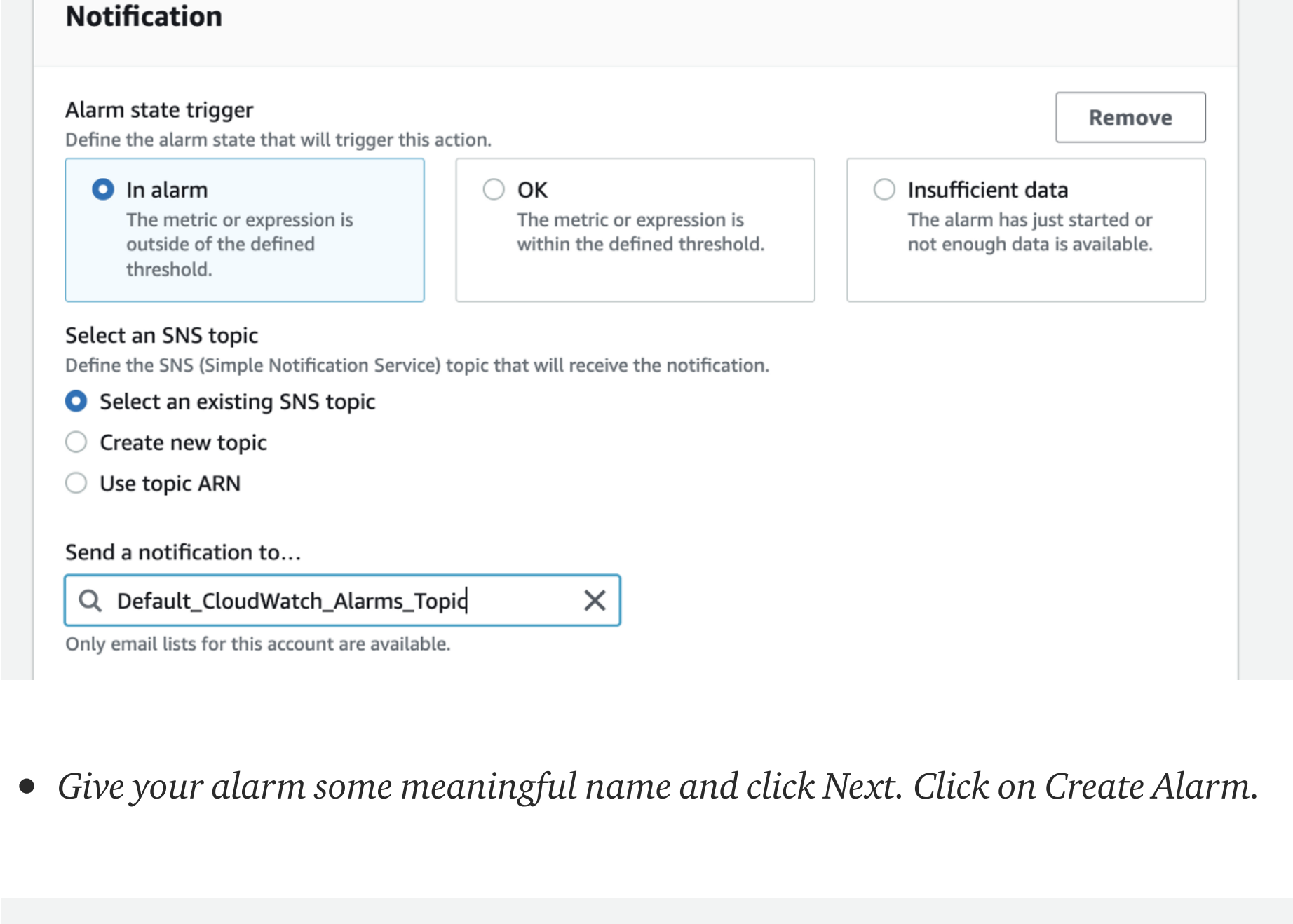
- Under Graphed metrics, click on Select metric at the bottom of the screen



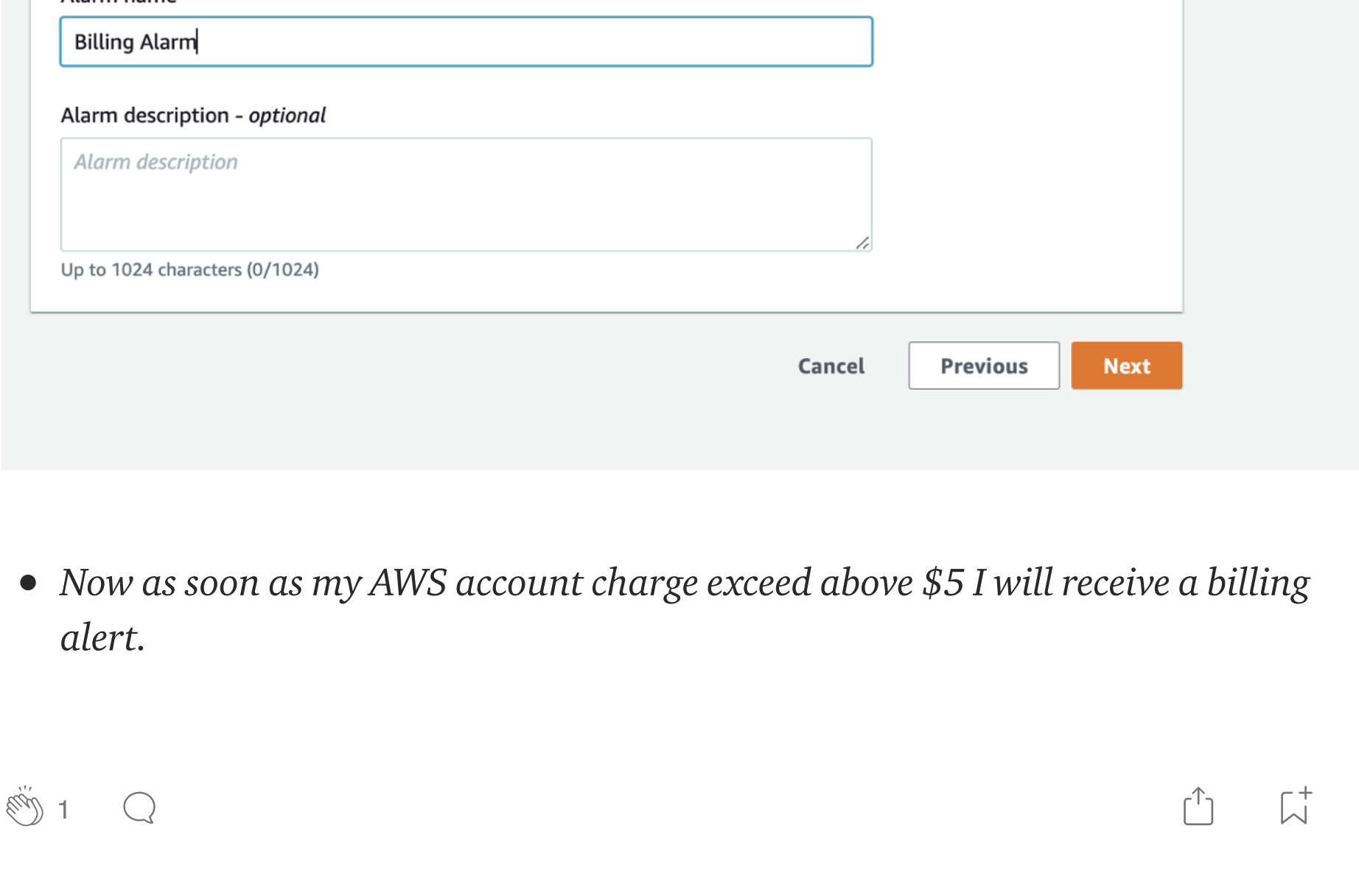
- Under threshold value put 5 or depend upon your requirement



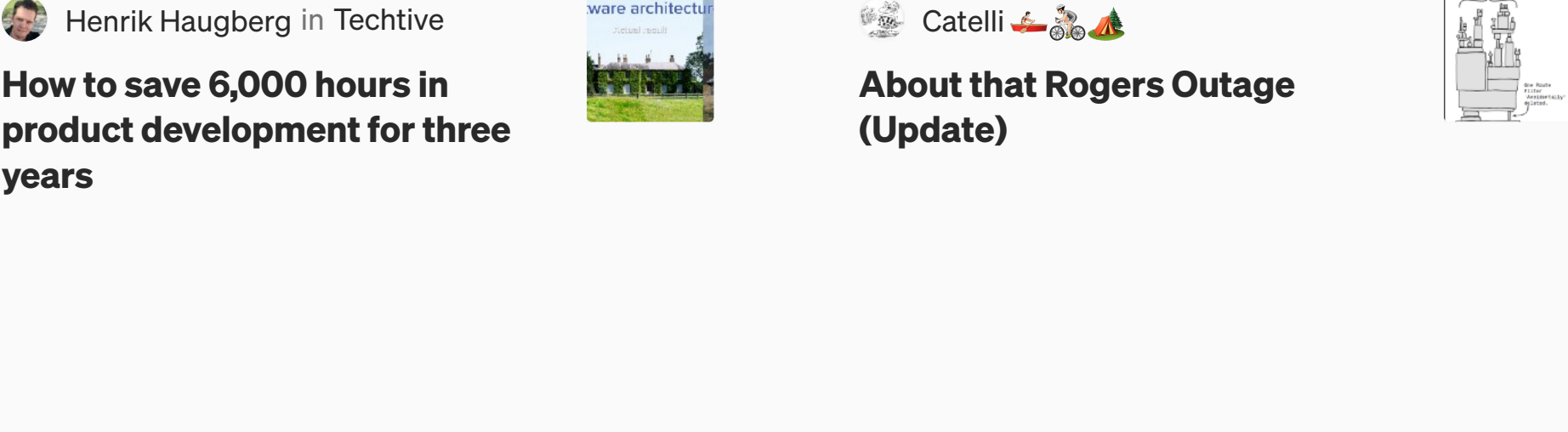
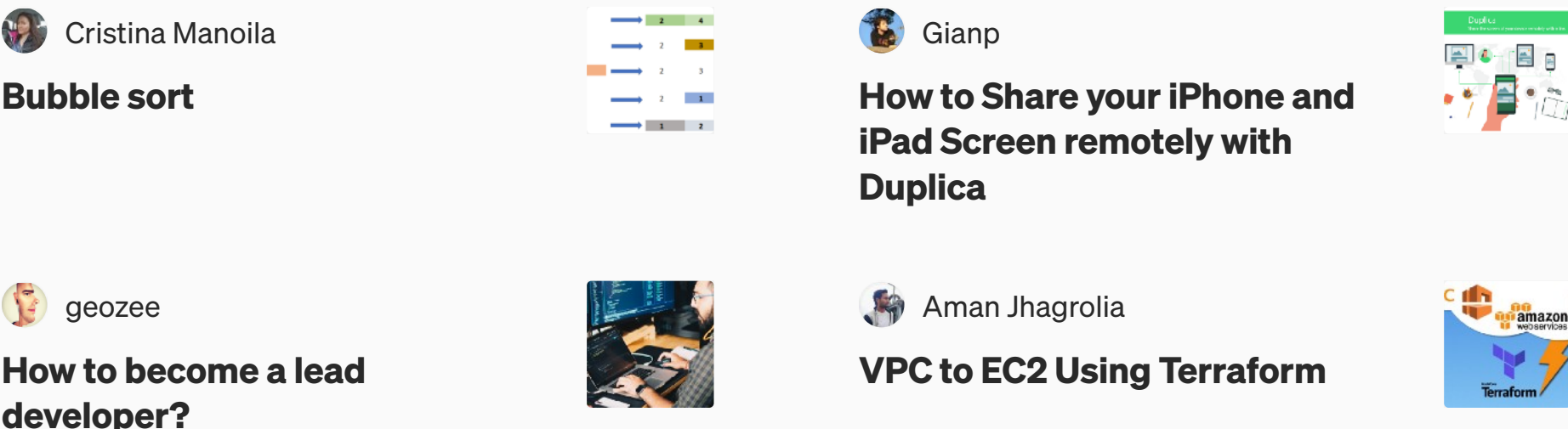
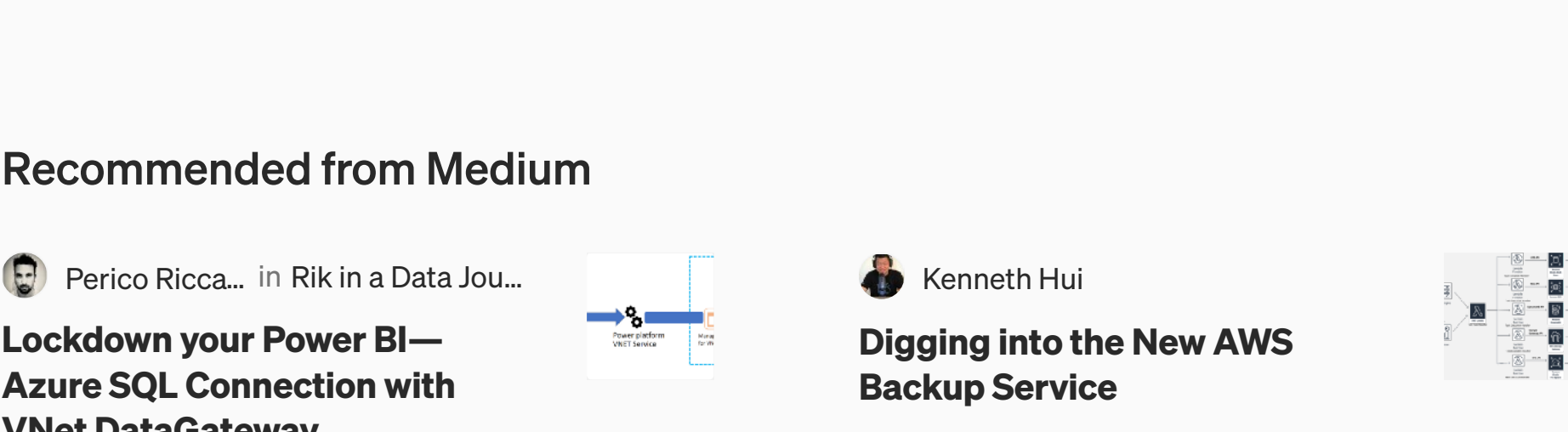
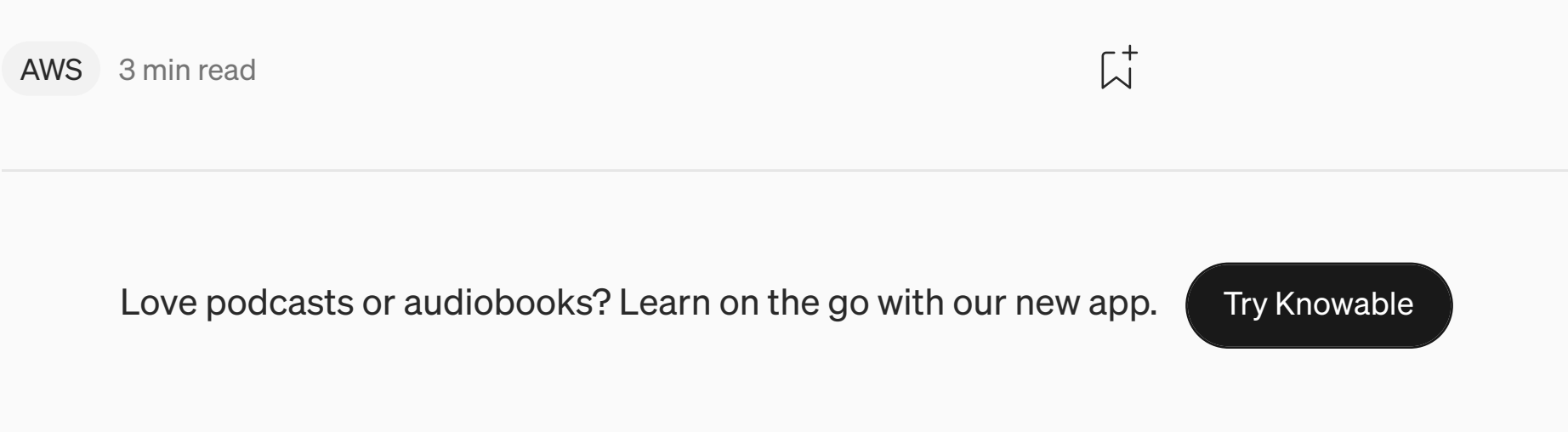
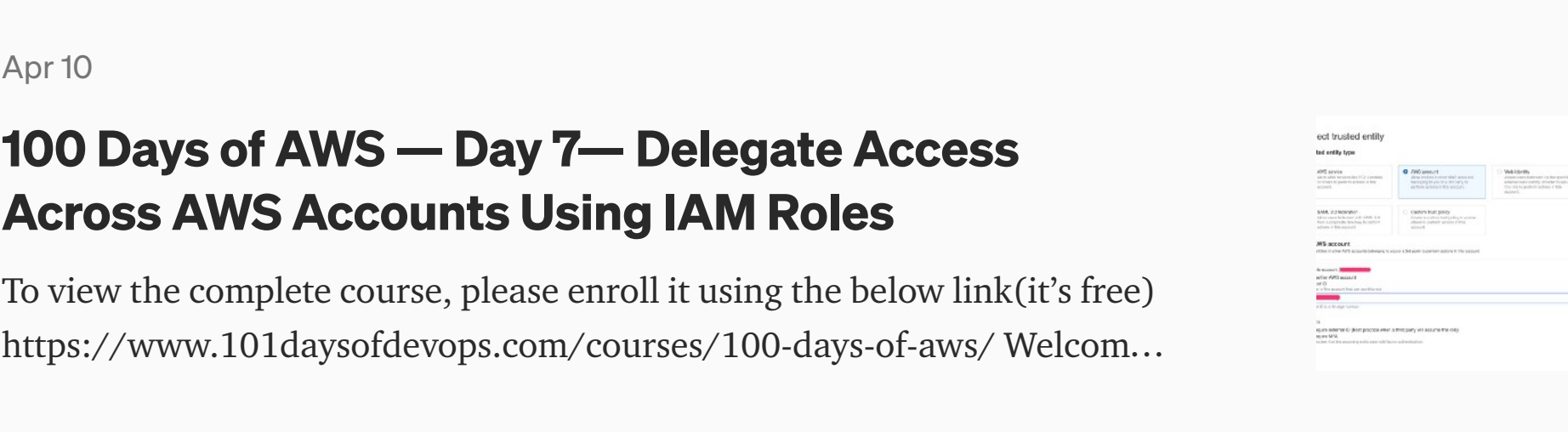
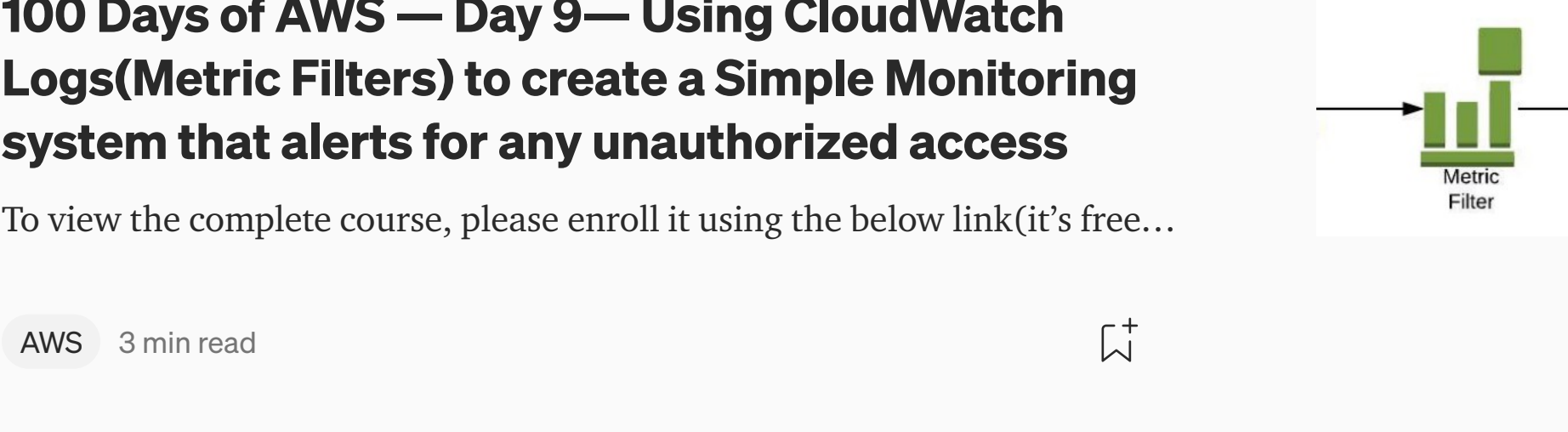
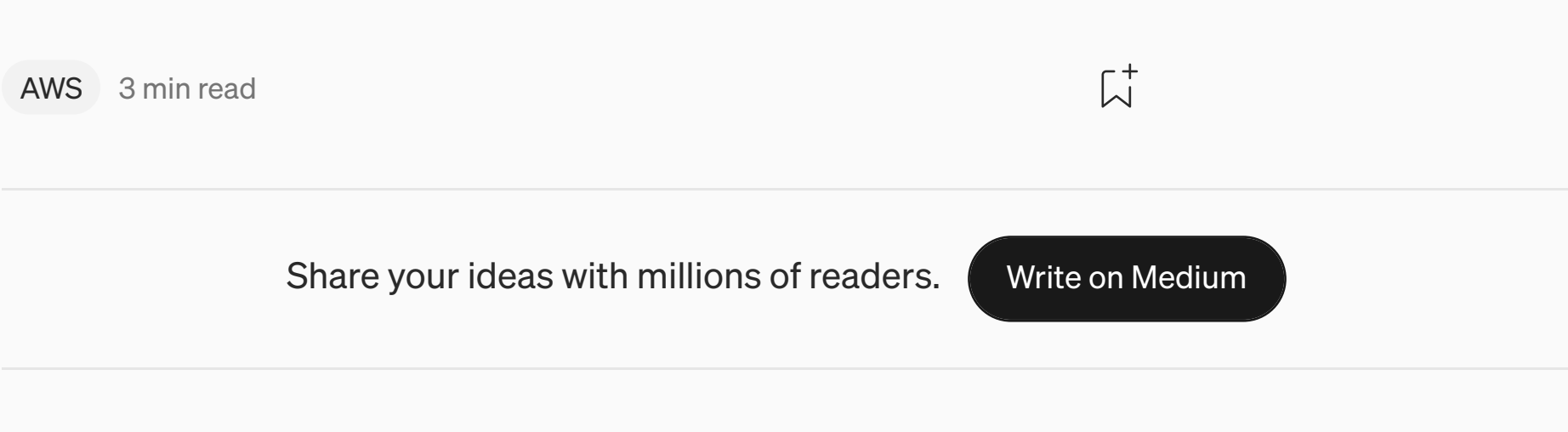
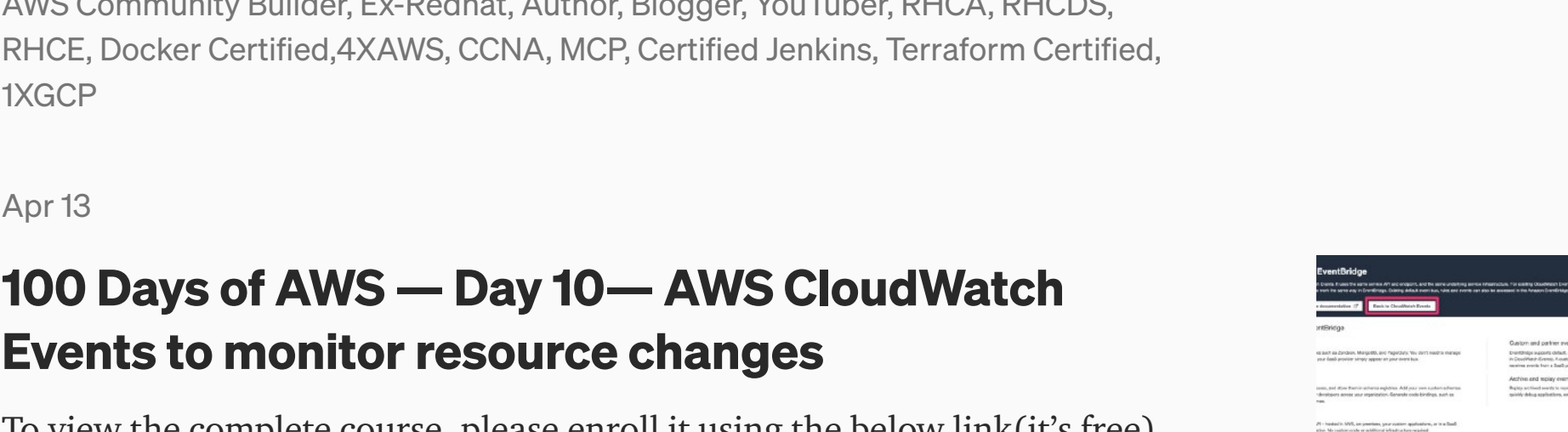
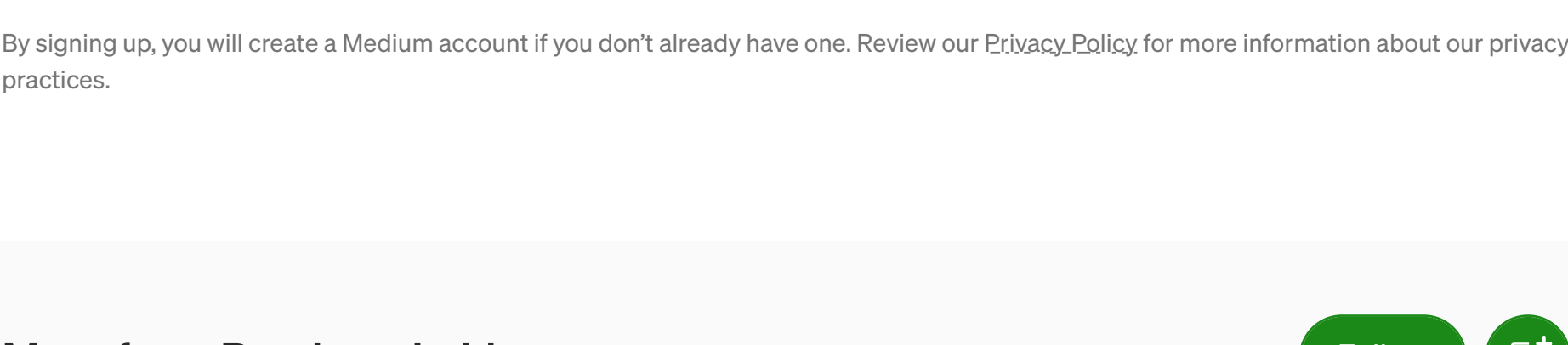
- Under Notification you can either select the existing SNS topic or Create a new topic. Click Next at the bottom of the screen.



- Give your alarm some meaningful name and click Next. Click on Create Alarm.



- Now as my AWS account charge exceed above \$5 I will receive a billing alert.



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