## **Steps to Create AWS Resources and Alert Rules**

- 1. Run the following command to create an SNS topic and subscribe an email address: python3 create sns topic.py SNSByEMail <email address to receive the alert>
- Deploy the Lambda function and API Gateway by running: python3 create\_lambdafunc\_apigateway.py SendSNSByEmail lambda-execute-role apsoutheast-1 <your account id>
- 3. Update the Alertmanager configuration with the newly created API Gateway invole URL e.g url: <a href="https://li7d3juwf0.execute-api.ap-southeast-1.amazonaws.com/prod/invoke">https://li7d3juwf0.execute-api.ap-southeast-1.amazonaws.com/prod/invoke</a> for details, please refer to the Prometheus documentation.
- 4. Apply the alert rule using kubectl: kubectl apply -f myflask-alertrule.yml
- 6. Once the alert condition is met, you should receive an alert email similar to the following:







