CloudFormation template that you can use to configure CloudWatch:

YAML

AWSTemplateFormatVersion: 2010-09-09

Resources:

Alarm:

Type: AWS::CloudWatch::Alarm

Properties:

AlarmName: MyAlarm

AlarmDescription: This is my first CloudWatch alarm.

MetricName: CPUUtilization

Namespace: AWS/EC2

Statistic: Average

Period: 300

EvaluationPeriods: 2

ComparisonOperator: GreaterThanThreshold

Threshold: 80

AlarmActions:

- arn:aws:sns:us-east-1:123456789012:MyTopic

This template will create a CloudWatch alarm that will alert you if the CPU utilization of your EC2 instances exceeds 80% for two consecutive periods of 300 seconds.

To create the alarm, you can use the AWS CloudFormation console or the AWS CLI.

Using the AWS CloudFormation console:

1. Go to the AWS CloudFormation console.
2. Click Create stack.
3. Select With new resources (standard).
4. In the Specify template section, select Upload a template file.
5. Click Choose file and select the CloudFormation template that you created.
6. In the Stack name field, enter a name for your stack.
7. Click Next.
8. Review the stack configuration and click Create.

Using the AWS CLI:

1. Install the AWS CLI.
2. Create a file called configure-cloudwatch.yaml and paste the following code into it:

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1. Run the following command to create the stack:

aws cloudformation create-stack --template-file configure-cloudwatch.yaml --stack-name my-stack

Once the stack is created, you can verify that the alarm was created by going to the AWS CloudWatch console and searching for the alarm name.