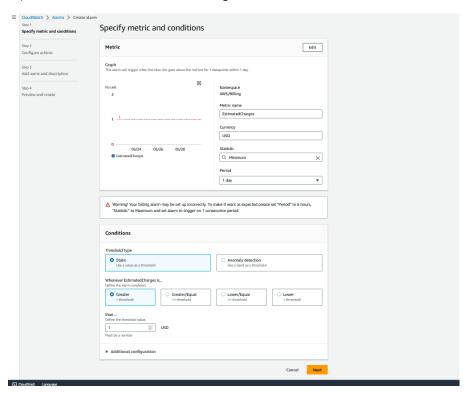
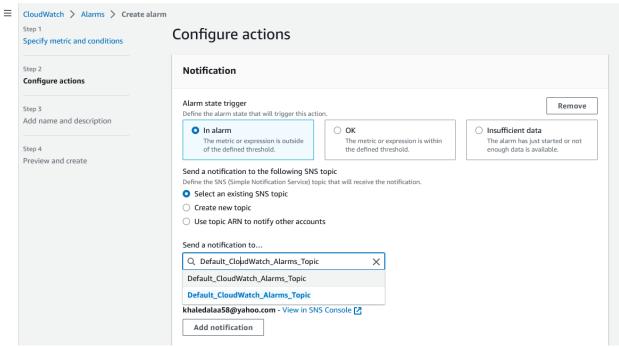
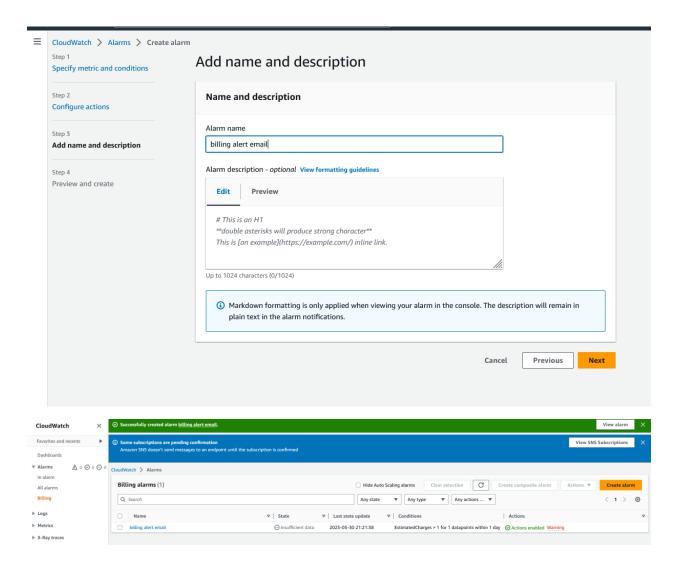
1-) create aws account and set billing alarm







Or

Choose budget type Info

Budget setup

Use a template (simplified)

Use the recommended configurations. You can change some configuration options after the budget is created.

Customize (advanced)

Customize a budget to set parameters specif to your use case. You can customize the time period, the start month, and specific account

Templates - new

Choose a template that best matches your use case.

Zero spend budget

Create a budget that notifies you once your spending exceeds \$0.01 which is above the AWS Free Tier limits.

Monthly cost budget

Create a monthly budget that notifies you if exceed, or are forecasted to exceed, the budgamount.

Daily Savings Plans coverage budget

Create a coverage budget for your Savings Plans that notifies you when you fall below the defined target.

O Daily reservation utilization budget

Create a utilization budget for your reservati that notifies you when you fall below the defined target.

Zero spend budget - Template

Budget name

Provide a descriptive name for this budget.

alert email for budget

Names must be between 1-100 characters.

Email recipients

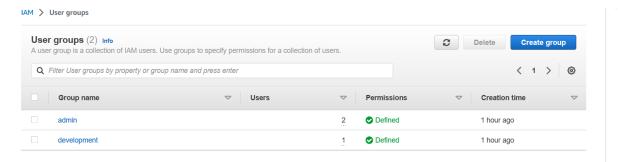
Specify the email recipients you want to notify when the threshold has exceeded.

khaledalaa58@yahoo.com



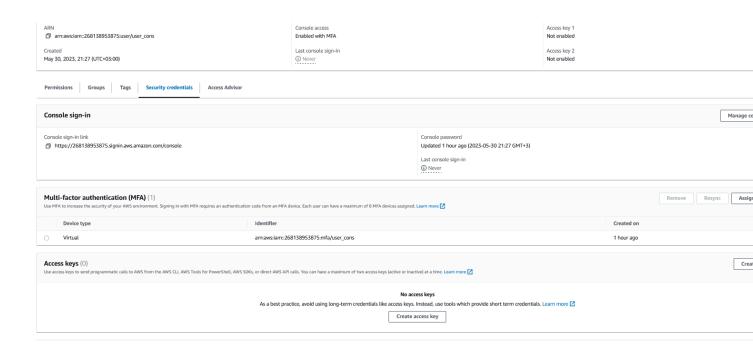
2-)

Create 2 groups one admin and one for development

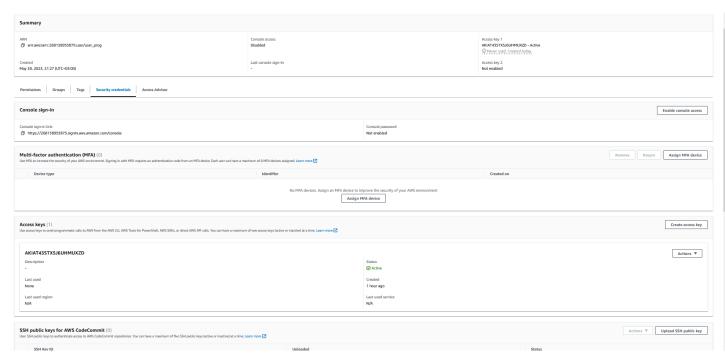


Create 1 user console and 1 user prog in admin group

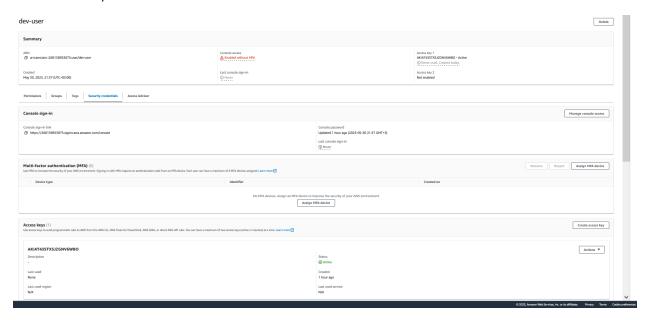
User _ cons in admin group

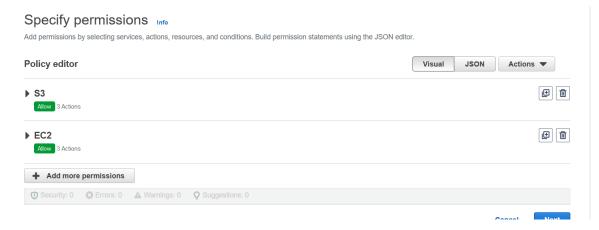


User _ prog in admin group



development group create user with name dev-user with programmatic and console access then try to access aws using it (take a screenshot from accessing ec2 and s3 console)





User-prog in admin group with cli access only and list all users and groups using commands not console

Also access cli using dev-user and try to get all users and groups using it

```
[root@khaled-o4 -]# aws iam list-groups
An error occurred (AccessDenied) when calling the ListGroups operation: User: arn:aws:iam::268138953875:user/dev-user is not authorized to perform: iam:ListGroups on resource: arn:aws:iam::268138953875:group/ be cause no identity-based policy allows the iam:ListGroups action
[root@khaled-o4 -]# aws iam list-users

An error occurred (AccessDenied) when calling the ListUsers operation: User: arn:aws:iam::268138953875:user/dev-user is not authorized to perform: iam:ListUsers on resource: arn:aws:iam::268138953875:user/ because no identity-based policy allows the iam:ListUsers action
[root@khaled-o4 -]# [
```