**AWS BUDGET**

To begin to use Amazon Web Services, a budget must be set to monitor our usage of resources.

These are steps I took to create a budget.

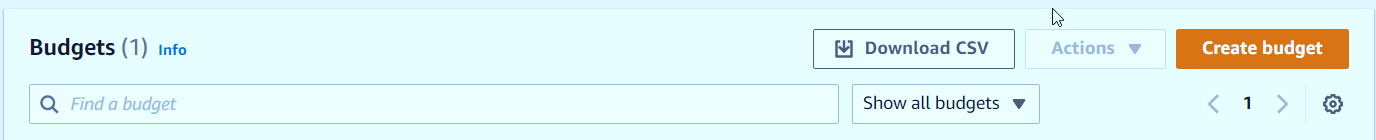
**Step 1:**

Navigate to the billing management console and choose budgets from the pane on the left or just search for AWS Budgets in the search bar.

Graphical user interface, application

Description automatically generated

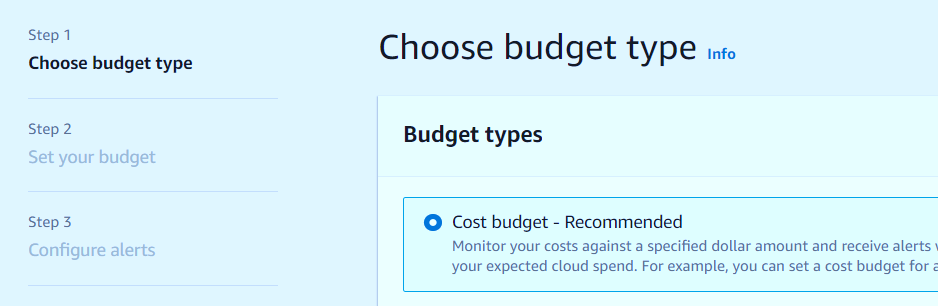
Click on create budget.



**Step 2: Choose budget type and set your Budget**

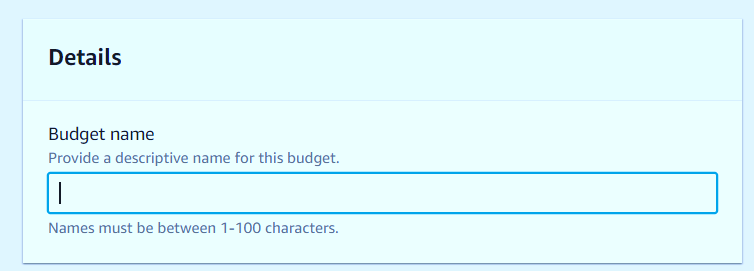
Clicking on Create budget takes you to a page with steps on going about the budget creation.

There are many budget types like Reservations Budget, Usage budget. But for this project, I chose cost budget.

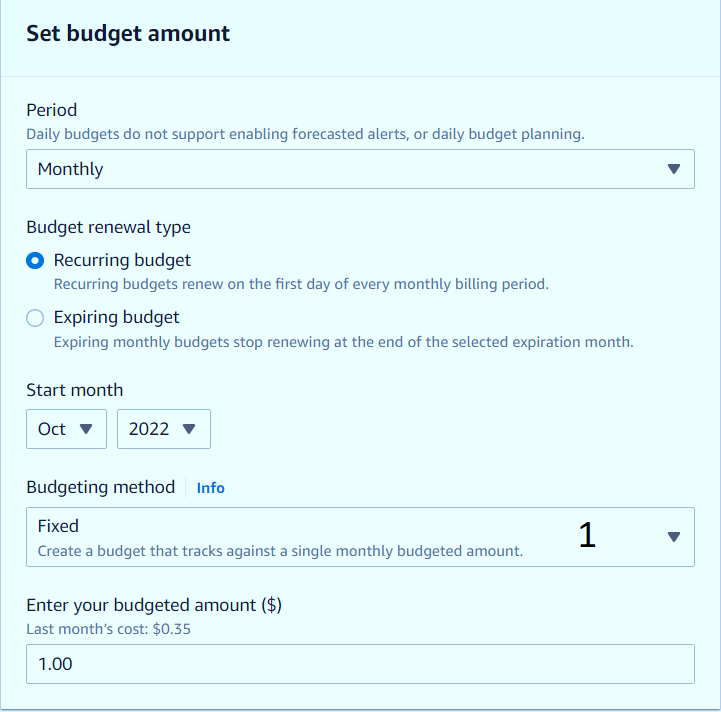


The next thing as shown on the left is to set the budget. On this page, there are 2 forms that will be filled.

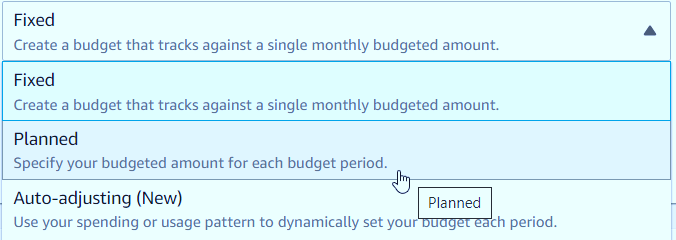
1. Budget Name



1. Budget amount

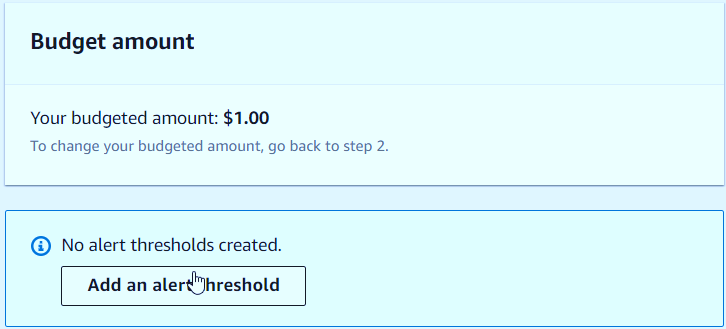


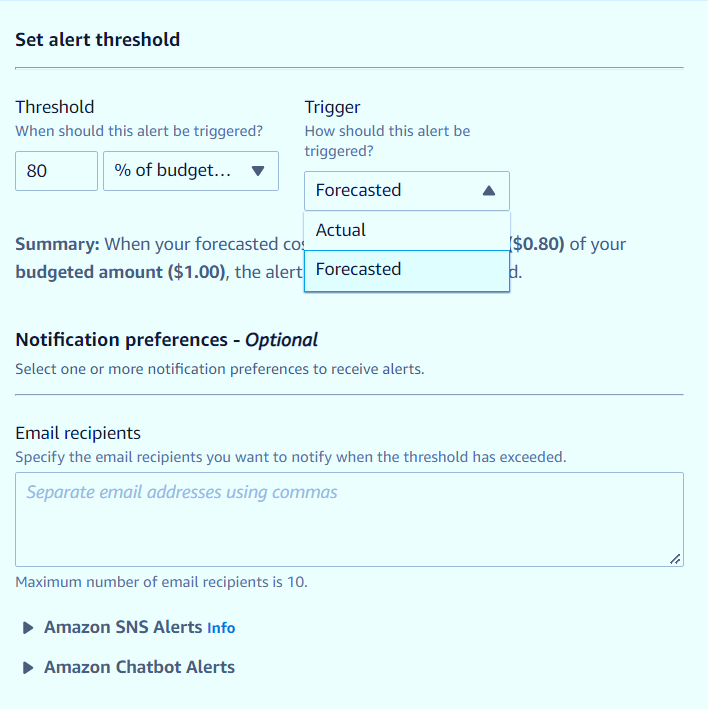
Budgeting method (1) has 3 options users can choose from.



**Step 3: Configuring Alerts**

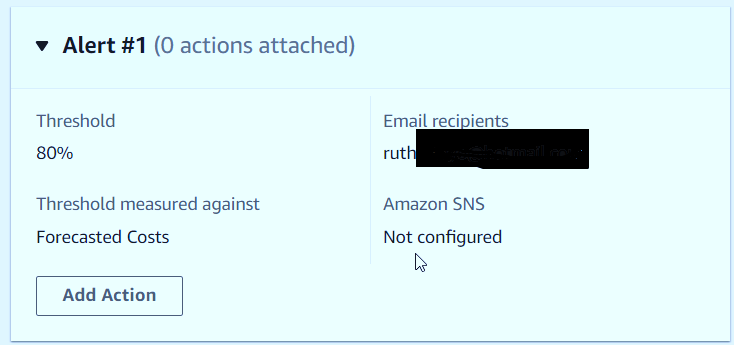
Add an alert threshold





There you chose to either trigger the alert when actual cost exceeds threshold or when forecasted cost exceed threshold.

**Step 4: Attach Actions**



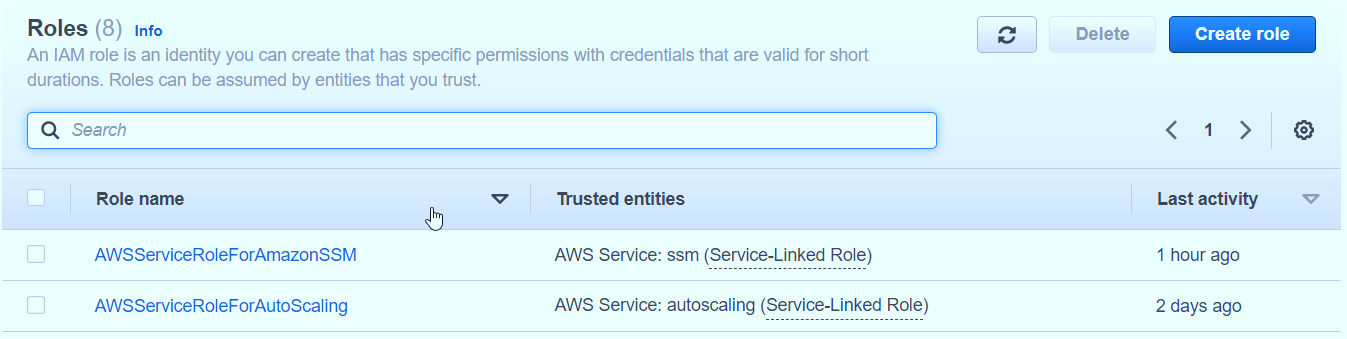
To add what action to be taken when the threshold is reached, an IAM role is needed

Text, timeline

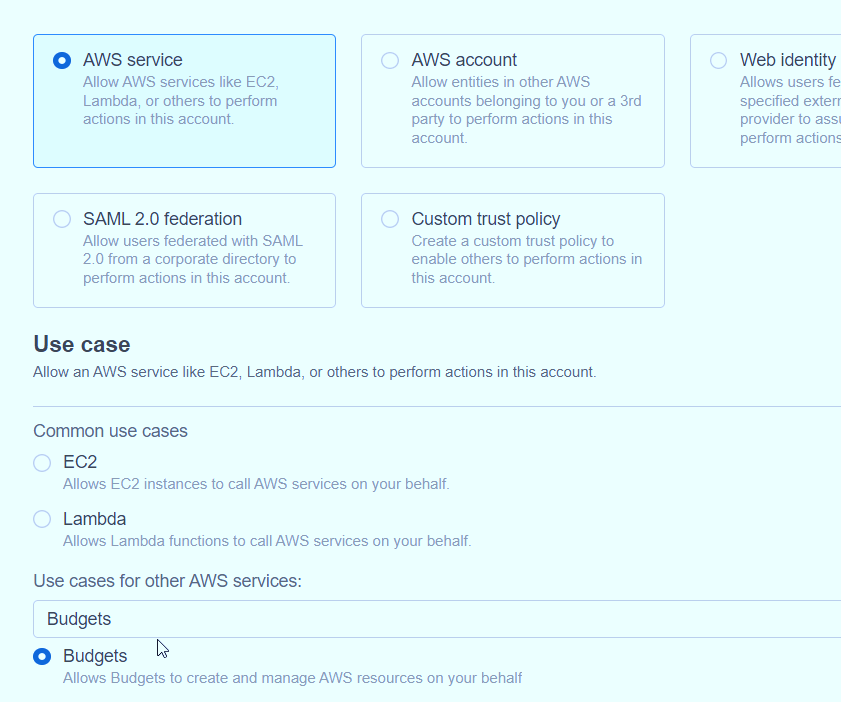
Description automatically generated

I manually created a new IAM role, granting the role permission to take actions.

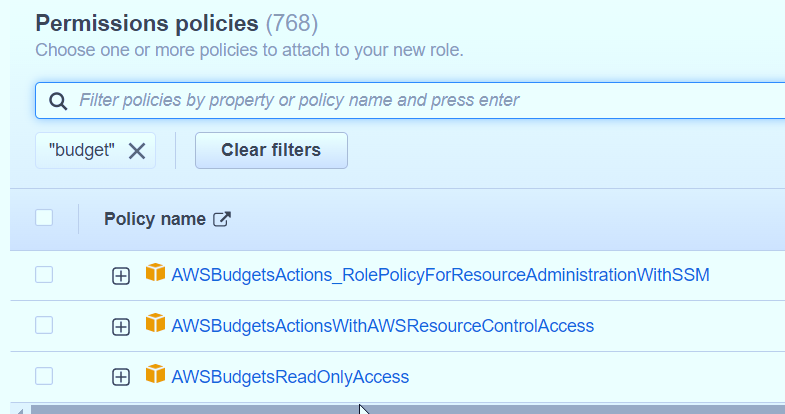
First, Create role



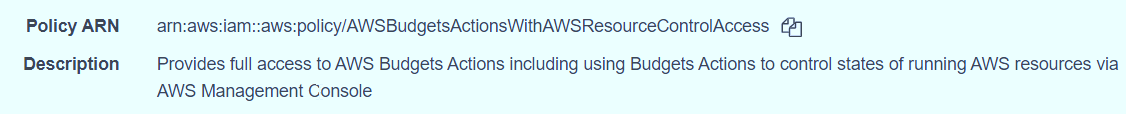
Next: Choose Budget as a use case.



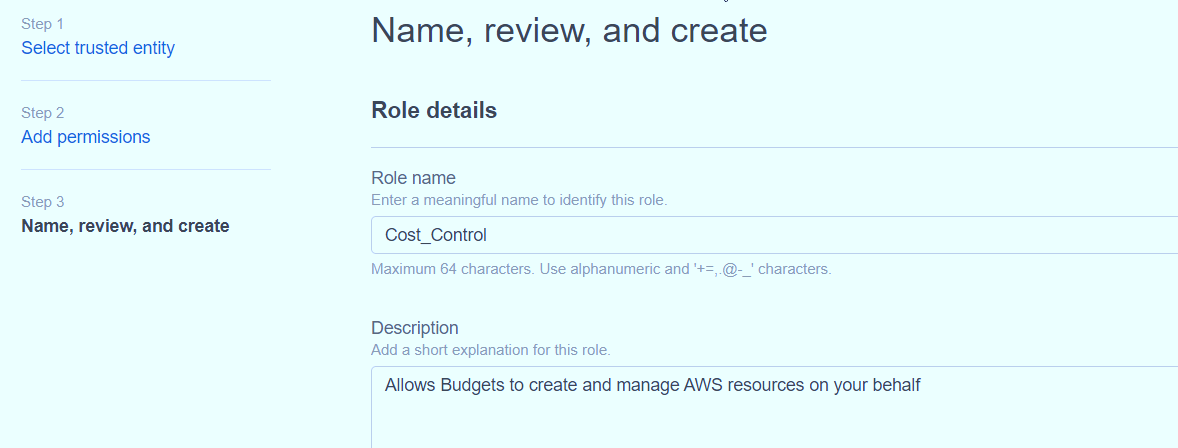
Next, add permission



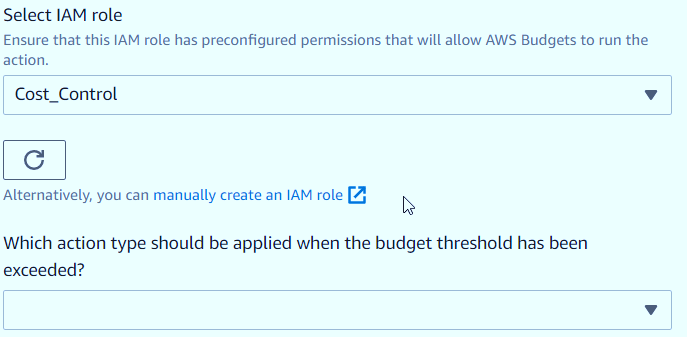
I chose the second permission policy as it was the policy the IAM role needed.



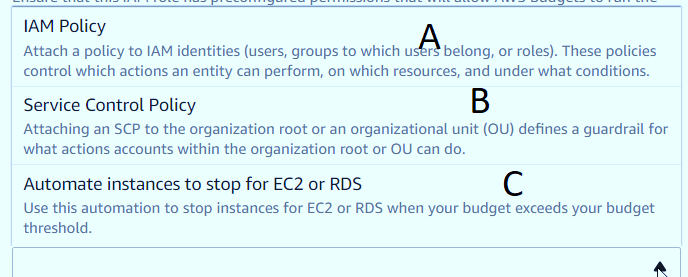
Finally, we give the IAM role a name, review and then create the role.



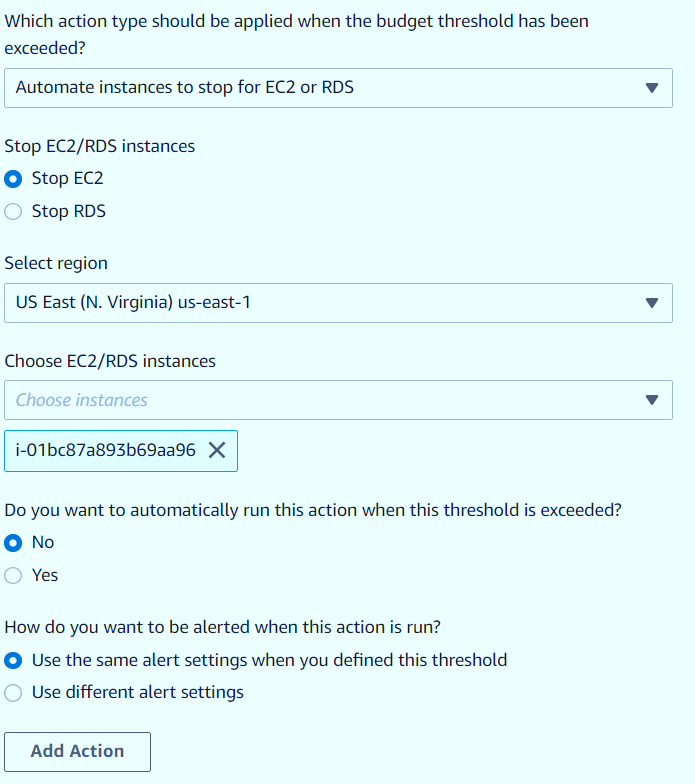
Back to the budgeting page, we now need to choose what action to be apply



A, B or C? For this lab we chose C

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Finally, we choose the region, instances if they are more than 1 and **create the budget**



**Success Message**

