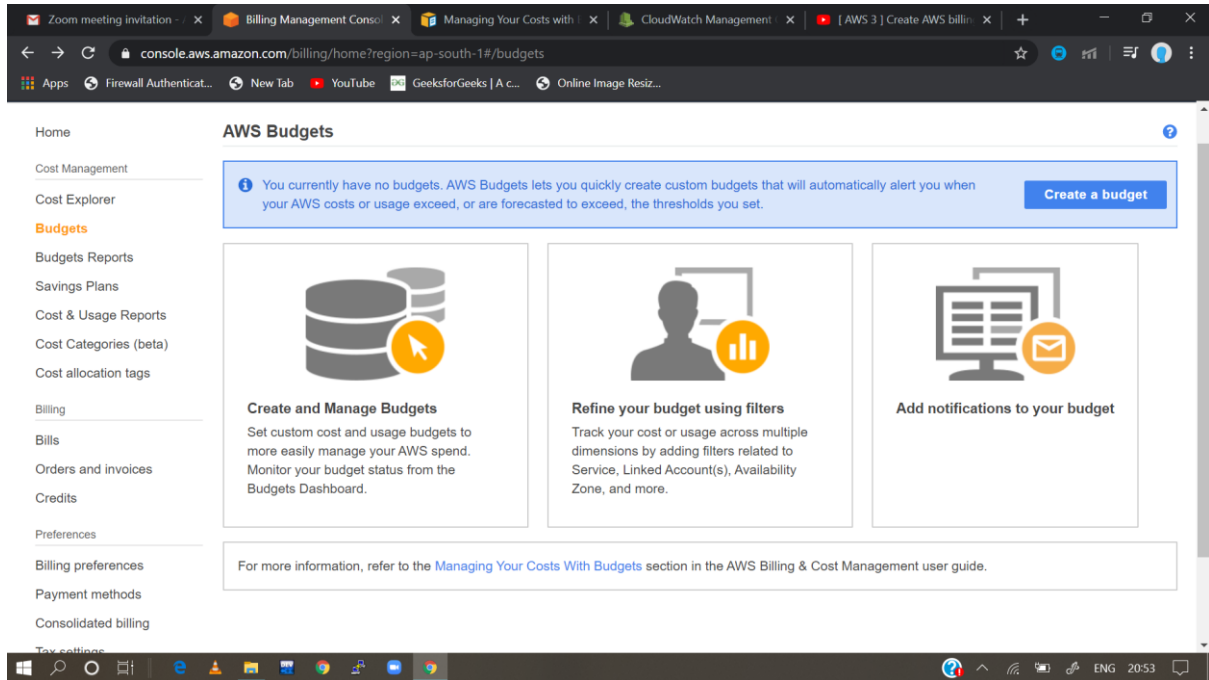


ASSIGNMENT ON BILLING

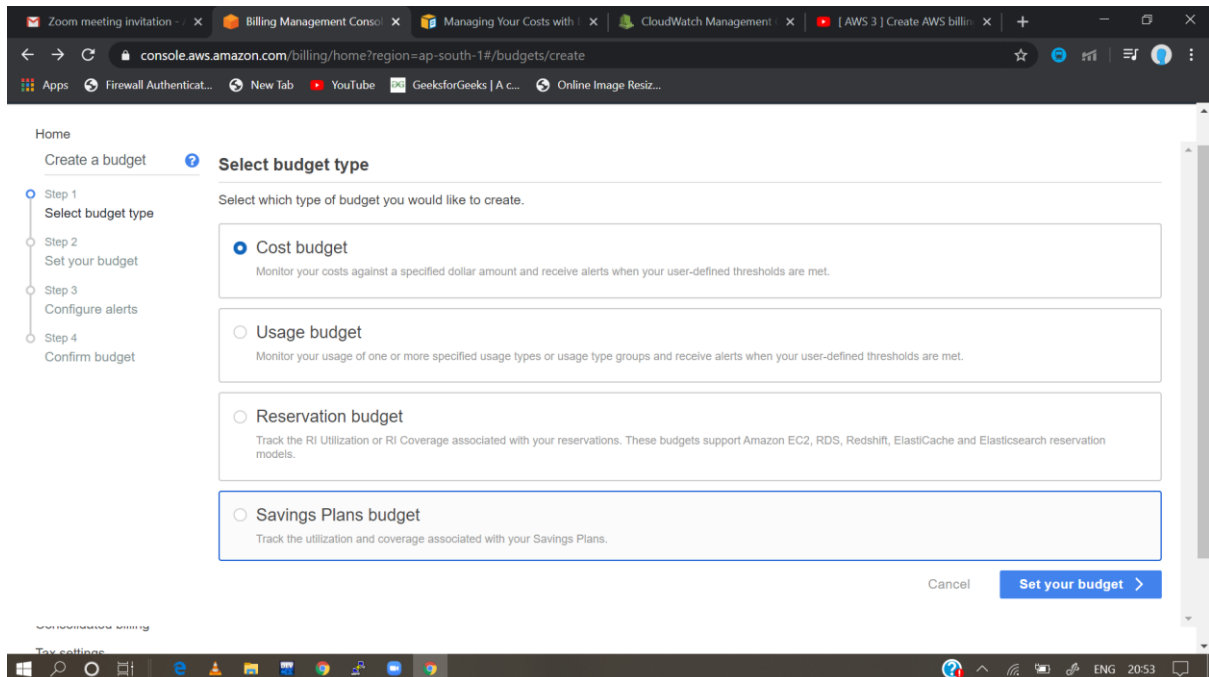
Task-1 : Create a billing alarm on your account to check if your account billing exceeds \$1 for the current month.

Stepwise solution:

Step1: first of all, open the budgets and then go to create a budget



Step-2: then configure all the requirements



Step-3: then set your budget

The screenshot shows the AWS Billing Management console at the 'Set your budget' step. A sidebar on the left lists the steps: Step 1 (Select budget type), Step 2 (Set your budget), Step 3 (Configure alerts), and Step 4 (Confirm budget). A blue information box at the top states: 'At this time, only total cost budget creation functionality is available. Please note that it can take up to four days for all of your AWS cost, usage, and reservations information to backfill and the full set of AWS Budgets functionality to become available. Please check back soon.'

Set your budget

Set your budget details, including your budgeted amount. From there, you can refine your budget using the optional budget parameters.

Budget details

Name
Tribhuwan Nath

Period
Monthly

Budget effective dates
Recurring budgets will renew on the first day of every monthly billing period. Expiring budgets will stop renewing on the last day of the expiration month.

☒ Recurring Budget
☐ Expiring Budget

Start Month
Apr 2020

Step-4: then move to the next configuration and go to configure alerts

The screenshot shows the AWS Billing Management console at the 'Configure alerts' step. The sidebar on the left shows Step 3 (Configure alerts) as the active step. A description at the top reads: 'Monitor your costs against a specified dollar amount and receive alerts when your user-defined thresholds are met.'

Budget details Edit

Name
Tribhuwan Nath

Period
Monthly

Start Date
Apr 1, 2020

End Date
-

Budgeted amount
\$1

Advanced Options

Aggregate costs by: Unblended costs

Include costs related to: Taxes, Support charges, Other subscription costs, Recurring reservation charges, Upfront reservation fees

Exclude costs related to: Credits, Refunds

Step-5: Hence we are able to set the alarm when it exceeds 1\$.

The screenshot shows the AWS Budgets console. A notification at the top states: "Your budget has been successfully created." Below this, there is a search bar and a "Download CSV" button. The main table displays budget details:

Budget name	Budget type	Current	Budgeted	Forecasted	Current vs. budgeted	Forecast
Tribhuwan Nath	Cost	\$0.00	\$1.00	-	0%	-

Assignment-2

Task-2: Create an alarm on EC2 instance, to notify you if the instance is in stopped state or terminated state.

Steps:

Step-1: Create an instance

The screenshot shows the AWS Management Console for the EC2 Instances page. The table lists the following instances:

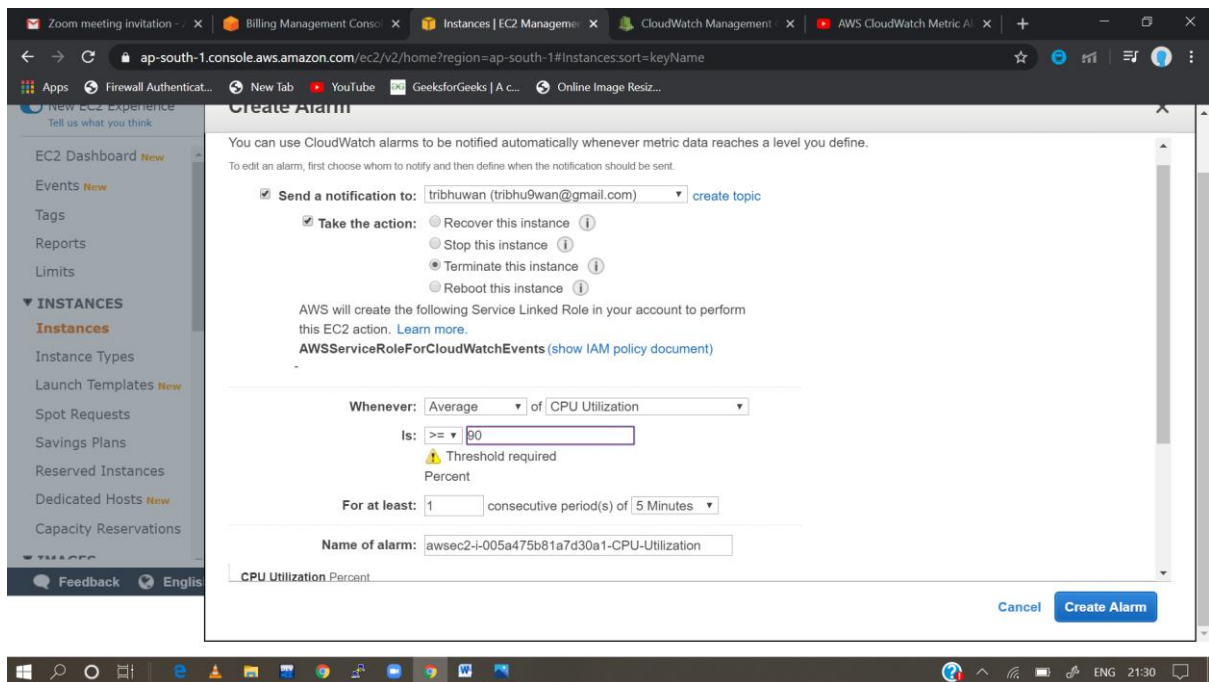
Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS
	i-0029746196e3ed842	t2.micro	ap-south-1a	terminated		None	
	i-005a475b81a7d30a1	t2.micro	ap-south-1b	running	2/2 checks ...	None	ec2-13-127-
	i-09795641058402a4a	t2.micro	ap-south-1b	terminated		None	

Below the table, the "CloudWatch alarms" section shows "No alarms configured" with a "Create Alarm" button. The "CloudWatch metrics" section shows "Basic monitoring" and a "Showing data for: Last Hour" dropdown.

Step-2: then go to monitoring and check cloud watch alarms and go to “No alarms configured”

Step-3: then go to create alarm

Step-4 configure the alarm settings



Step-5 alarm set successfully

