

Assignment number : 01

Title : Create an account in AWS and configure a budget.

Procedure :

Step 1: Sign in to AWS Management Console

I'll sign in to my AWS account using the **Root user**.

The screenshot shows the AWS Account page. At the top, there's a blue banner with the text "Introducing the new AWS account page experience. We've redesigned the AWS account page. Let us know what you think." Below the banner, the "Account Info" section is visible. It contains "Account settings" with fields for Account ID (205930605629) and Account name (63_Sristi Sarkar). To the right, there's a "Password" field with masked input. On the far right of the page, there are "Edit" and "Close account" buttons. Below the account settings, the "Contact information" section is shown, which includes fields for Full name (Sristi Sarkar), Company name (None), Address (7 Dakshmine pally, Rahara, Kolkata, West Bengal 700118 IN), Phone number (+91 8240580651), Website URL (None), and an "Edit" button. At the bottom of the page, there are links for CloudShell, Privacy, Terms, and Cookie preferences.

Step 2: Opening the AWS Budgets Console

Step 2.1: In the left-hand menu, I'll scroll to the **Budgets and Planning** menu.

This screenshot is similar to the one above, showing the AWS Account page. However, the left sidebar is now visible, displaying a navigation menu. The "Budgets and Planning" option is highlighted under the "Savings and Commitments" section. Other options in the sidebar include "Budgets", "Budgets Reports", "Pricing Calculator (Preview)", "Cost Optimization Hub", "Savings Plans" (with sub-options like Overview, Inventory, Recommendations, Purchase Analyzer, Utilization Report, Coverage Report, Purchase Savings Plans, and Cart [0]), and "Reservations" (with an Overview option). The main content area of the page remains the same as in the previous screenshot, showing the "Account Info" section with account details and contact information.

Step 2.2: On the list below, I'll click on **Budgets** option to open the AWS Budgets console.

The screenshot shows the AWS Budgets console. The left sidebar has a 'Budgets and Planning' section with 'Budgets' selected, followed by 'Budgets Reports', 'Pricing Calculator (Preview)', 'Savings and Commitments', 'Cost Optimization Hub', 'Savings Plans' (with 'Overview', 'Inventory', 'Recommendations', 'Purchase Analyzer', 'Utilization Report', 'Coverage Report', 'Purchase Savings Plans', and 'Cart [0]'), and 'Reservations' (with 'Overview'). A 'CloudShell' icon is at the bottom. The main content area is titled 'AWS Billing' and 'AWS Budgets'. It says 'Set custom budgets that alert you when you exceed your budgeted thresholds'. Below this is a section titled 'How it works' with a small diagram showing a line graph. To the right, there are two boxes: 'Start tracking your AWS costs and usage' (describing AWS Budgets as a hub for creating, tracking, and inspecting budgets) and 'Pricing (US)' (stating there is no additional charge for using AWS Budgets). At the bottom right are links for 'Create a budget', 'Privacy', 'Terms', and 'Cookie preferences'.

Step 3: Creating a Budget

Step 3.1: I'll click on the **Create budget** button.

The screenshot shows the 'Choose budget type' page. The left sidebar is identical to the previous one. The main content area is titled 'Choose budget type' with a 'Info' link. It has a 'Budget setup' section with two options: 'Use a template (simplified)' (selected) and 'Customize (advanced)'. Below this is a 'Templates - new' section with four options: 'Zero spend budget' (selected), 'Monthly cost budget', 'Daily Savings Plans coverage budget', and 'Daily reservation utilization budget'. Each template has a brief description. At the bottom right are links for 'Create a budget', 'Privacy', 'Terms', and 'Cookie preferences'.

Step 3.2: Next, I'll choose the **Customized(advanced)** option.

The screenshot shows the 'Create budget' wizard in the AWS Billing and Cost Management console. The left sidebar shows navigation links for Budgets, Savings and Commitments, and Savings Plans. The main area is titled 'Choose budget type' and lists five steps: Step 1 (selected), Step 2, Step 3, Step 4 - Optional, and Step 5. A callout box highlights 'Budget creation limited' due to Cost Explorer being disabled. It includes a link to 'Enable Cost Explorer'. Below this are sections for 'Budget setup' (with 'Use a template (simplified)' and 'Customize (advanced)' options) and 'Budget types' (with 'Cost budget - Recommender' selected). The bottom right has standard AWS footer links.

Step 3.3: I'll scroll down to the bottom of the screen and click the **Next** button for setting further budget details.

The screenshot shows the 'Create budget' wizard in the AWS Billing and Cost Management console, showing the 'Set budget type details' step. The left sidebar is identical to the previous screenshot. The main area displays three budget type options: 'Usage budget', 'Savings Plans budget' (selected), and 'Reservation budget'. Each option has a brief description. At the bottom right are 'Cancel' and 'Next' buttons.

Step 4: Setting Budget Details

Step 4.1: I'll give my budget a unique **Budget name**.

The screenshot shows the 'Create budget' wizard in progress. The left sidebar lists various budget-related options like 'Budgets', 'Budgets Reports', and 'Savings Plans'. The main area is titled 'Set your budget' and shows the following steps:

- Step 1: Choose budget type (selected)
- Step 2: Set your budget (selected)
- Step 3: Configure alerts
- Step 4 - Optional: Attach actions
- Step 5: Review

The 'Set your budget' section contains a 'Details' form with a 'Budget name' field containing 'SS_budget'. A note states: 'Because Cost Explorer isn't enabled for this account, you won't be able to view or filter your historical data when creating a budget. After creating a budget, Cost Explorer will automatically be enabled and it can take up to 24 hours to populate all of your spend data.' Below the form is a link to 'How to set up your budget'.

On the right, there's a 'Cost Data' panel showing 'No data'.

Step 4.2: I'll select the time **Period** for my budget as **Monthly**, **Start month** as **Jan 2025**.

The screenshot shows the 'Create budget' wizard in progress. The left sidebar lists various budget-related options. The main area is titled 'Set budget amount' and shows the following configuration:

- Period:** Monthly (selected)
- Budget renewal type:** Recurring budget (selected)
- Start month:** Jan 2025
- Budgeting method:** Fixed
- Enter your budgeted amount (\$):** Last month's cost

On the right, there's a 'Cost Data' panel showing 'No data'.

Step 4.3: I'll enter the budgeted amount I want to allocate for this budget.

The screenshot shows the 'Create budget' page in the AWS Billing and Cost Management console. On the left, a sidebar lists various budget-related options like Budgets, Savings Plans, and Reservations. The main area is titled 'Budgeting method' with a dropdown set to 'Fixed'. Below it, a field labeled 'Enter your budgeted amount (\$)' contains '2.00'. To the right, a section titled 'Budget scope' offers two options: 'All AWS services (Recommended)' (selected) and 'Filter specific AWS cost dimensions'. A note says 'Add filtering and use advanced options to narrow the set of cost information tracked as part of this budget'. On the far right, a 'Cost Data' panel displays 'No data' with the message 'There is no data to display'.

Step 4.4: I'll scroll down to the bottom of the screen and click the **Next** button for setting further budget details.

This screenshot shows the continuation of the 'Create budget' process. It includes sections for 'Upfront reservation fees', 'Recurring reservation charges', 'Other subscription costs', 'Taxes', 'Support charges', and 'Discounts'. Below these, a 'Tags (optional) - new' section allows adding up to 50 tags. At the bottom, there are 'Cancel', 'Previous', and 'Next' buttons, with 'Next' being highlighted in orange. The right side of the screen shows a 'Cost Data' panel with 'No data' and the message 'There is no data to display'.

Step 5: Set Alerts and Notifications

Step 5.1: I'll define the **Threshold** percentage at which I want to be alerted.

The screenshot shows the 'Create budget' wizard at step 3, 'Configure alerts'. On the left sidebar, under 'Savings and Commitments', 'Savings Plans' is expanded, showing 'Overview', 'Inventory', 'Recommendations', 'Purchase Analyzer', 'Utilization Report', 'Coverage Report', and 'Purchase Savings Plans'. A cart icon shows 0 items. The main panel displays the 'Configure alerts' section with a progress bar showing Step 1 (Choose budget type), Step 2 (Set your budget), Step 3 (Configure alerts), Step 4 - Optional (Attach actions), and Step 5 (Review). The 'Configure alerts' section includes a link to 'How budget alerts work', a 'Budget amount' summary (\$2.00), and an 'Alert #1' configuration for a threshold of 80% (triggered by actual cost). A note states: 'Summary: When your actual cost is greater than 80.00% (\$1.60) of your budgeted amount (\$2.00), the alert threshold will be exceeded.'

Step 5.2: I'll specify the **Email recipients** to have notifications.

The screenshot shows the 'Create budget' wizard at step 3, 'Configure alerts'. The sidebar and alert configuration are identical to the previous screenshot. The main panel now includes a 'Notification preferences' section where the user has selected 'Email recipients' and entered 'email@sristisarkar@gmail.com'. It also lists 'Amazon SNS Alerts - Optional' and 'AWS Chatbot Alerts'. A note at the bottom states: 'Maximum number of email recipients is 10.'

Step 5.3: I'll scroll down to the bottom of the screen and click the **Next** button for setting further budget details.

Billing and Cost Management > Budgets > Create budget

Budgets and Planning

- Budgets
- Budgets Reports
- Pricing Calculator (Preview) [New](#)
- Savings and Commitments**
- Cost Optimization Hub
- Savings Plans**
- Overview
- Inventory
- Recommendations
- Purchase Analyzer [New](#)
- Utilization Report
- Coverage Report
- Purchase Savings Plans
- Cart **0**
- Reservations**
- Overview

Notification preferences
Select one or more notification preferences to receive alerts.

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

Maximum number of email recipients is 10.

▶ **Amazon SNS Alerts - Optional Info**

▶ **AWS Chatbot Alerts**

Cost Data
No data
There is no data to display

+ Add alert threshold

Cancel Previous Next

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Step 6: Reviewing and Creating budget

After reviewing all my settings, I'll click **Create budget** to finalize and activate it.

Billing and Cost Management > Budgets > Create budget

Billing and Cost Management

- Choose billing view [New](#)
Primary view
- Home
- Getting Started
- Billing and Payments**
- Bills
- Payments
- Credits
- Purchase Orders
- Cost and Usage Analysis**
- Cost Explorer
- Cost Explorer Saved Reports
- Cost Anomaly Detection

Step 3: Configure alerts

Alerts

Alert #1

Threshold
80% of budgeted amount

Threshold measured against
Actual costs

Step 4: Attach actions - optional

Actions
You have no budgets actions

Cancel Previous **Create budget**

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Step 7: Checking the final budget created.

Billing and Cost Management > Budgets > Overview

Your budget **SS_budget** has been created successfully. After creating a budget, it can take up to 24 hours to populate all of your spend data.

Budgets (1) [Info](#)

[Download CSV](#) Actions [Create budget](#)

Name	Thresholds	Budget	Amount ...	Forecaste...	Current vs. budgeted
SS_budget	OK	\$2.00	\$0.00	-	0.00

Find a budget Type - Show all budgets

Submit feedback

CloudShell