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# Control Your AWS Costs

TUTORIAL

## Overview

In this tutorial, you will learn how to control your costs while exploring AWS service offerings using the AWS Free Tier. In addition, you will learn to use AWS Budgets to set up a cost budget to monitor any costs associated with your usage.

The AWS Free Tier is a discount program that lets you gain free, hands-on experience with AWS products and services. All new AWS accounts include the Free Tier so you don't have to sign up for it, allowing you to try out the services you need to build your workloads from day one. With over 100 services in the Free Tier, you can do lots of exploring at a reasonable cost, or even for free.

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exceed your budgeted threshold. In this tutorial, you will learn about the AWS Free Tier offering, discover how AWS Budgets monitors your Free Tier usage by default, and how to create a total monthly cost budget that alerts you when you exceed, or are forecasted to exceed, your budget.

It is a best practice to create a total monthly cost budget for each AWS account you use. AWS Budgets has a Free Tier limit of 62 budget days per month, so creating a single budget falls within the AWS Free Tier limit. As the name implies, AWS Free Tier-eligible service usage is free.

## What you will accomplish

In this tutorial, you will learn how to:

- Understand the Free Tier
- Review your spend and usage
- Set up a cost budget

## Prerequisites

Before starting this tutorial, you will need:

- An AWS account: If you don't already have one, follow the [Setting Up Your AWS Environment](#) tutorial for a quick overview.

✓ **AWS experience**

Beginner

⌚ **Time to complete**

10 minutes

฿ **Cost to complete**

[Free Tier](#) eligible

📌 **Requires**

- AWS account
- Recommended browser: The latest version of Chrome or Firefox

[\*\*]Accounts created within the past 24 hours might not yet have access to the services required for this tutorial.



## Step 1: Explore the AWS Free Tier

### a. Access the AWS Free Tier page

Open the [Free Tier page](#), so you can keep this step-by-step guide open. On the AWS Free Tier page, under the AWS Free Tier Details header, choose the **12 months free** link.

[Go to the page this step describes >>](#)

### b. Explore 12 months free offers

These free tier offers are only available to new AWS customers, and are available for 12 months following your AWS sign-up date. When your 12 month free usage term expires or if your application use exceeds the tiers, you simply pay standard, pay-as-you-go service rates (see each service page for full pricing details).

Notable offers for the first 12 months following your AWS account sign-up include some level of free usage for [Amazon Elastic Compute Cloud \(Amazon EC2\)](#), [Amazon Elastic Block Store](#)

**Free Tier details**

Filter by: [Clear all filters](#)

Filter by:		Search free tier products	
<b>Tier Type</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Featured</li> <li><input checked="" type="checkbox"/> 12 Months Free</li> <li><input type="checkbox"/> Always Free</li> <li><input type="checkbox"/> Trials</li> </ul>		<b>SEARCH</b>	
<b>Product Categories</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Analytics</li> <li><input type="checkbox"/> Application Integration</li> <li><input type="checkbox"/> Business Productivity</li> <li><input type="checkbox"/> Compute</li> <li><input type="checkbox"/> Containers</li> <li><input type="checkbox"/> Customer Engagement</li> <li><input type="checkbox"/> Database</li> <li><input type="checkbox"/> Developer tools</li> <li><input type="checkbox"/> End User Computing</li> <li><input type="checkbox"/> Front-End Web &amp; Mobile</li> <li><input type="checkbox"/> Game Tech</li> <li><input type="checkbox"/> Internet of Things</li> <li><input type="checkbox"/> Machine Learning</li> <li><input type="checkbox"/> More categories</li> </ul>		<b>RESULTS</b>	
		<b>Database</b> Free Tier <span style="float: right;">ALWAYS FREE</span> <b>Amazon DynamoDB</b> <b>25 GB</b> <small>of storage</small> <small>Fast and flexible NoSQL database with seamless scalability.</small> <small>25 GB of Storage</small>	
		<b>Compute</b> Free Tier <span style="float: right;">ALWAYS FREE</span> <b>AWS Lambda</b> <b>1 Million</b> <small>free requests per month</small> <small>Compute service that runs your code in response to events and automatically manages the compute resources.</small>	
		<b>Mobile</b> Free Tier <span style="float: right;">ALWAYS FREE</span> <b>Amazon SNS</b> <b>1 Million</b> <small>publishes</small> <small>Fast, flexible, fully managed push messaging service.</small> <small>1,000,000 Publishes</small>	
		<b>Developer Tools</b> Free Tier <span style="float: right;">ALWAYS FREE</span> <b>Amazon CloudWatch</b> <b>10</b> <small>Fast and flexible monitoring and log management service.</small>	
		<b>Content Delivery</b> Free Tier <span style="float: right;">ALWAYS FREE</span> <b>Amazon CloudFront</b> <b>1 TB</b> <small>Fast and reliable global content delivery network.</small>	
		<b>Security, Identity, &amp; Compliance</b> Free Tier <span style="float: right;">ALWAYS FREE</span> <b>Amazon Cognito</b> <b>50,000</b> <small>Fast and reliable identity and access management service.</small>	

## c. Access the Always free page

On the AWS Free Tier page, choose the **Always free** link to view the Always free offers.

**AWS Free Tier**

Gain free, hands-on experience with the AWS platform, products, and services

[Learn more about AWS Free Tier](#)

[Create a Free Account](#)

**FEATURED**  
**Startups may be eligible for AWS credits**  
AWS Activate provides eligible startups with a host of resources, including free AWS credits to spend on AWS services, and AWS Support.  
[Sign up for Activate Today »](#)

**Types Of Offers**

Explore more than 100 products and start building on AWS using the Free Tier. Three different types of free offers are available depending on the product used. Click icon below to explore our offers.

<b>Free trials</b>  Short-term free trial offers start from the date you activate a particular service	<b>12 months free</b>  Enjoy these offers for 12-months following your initial sign-up date to AWS	<b>Always free</b>  These free tier offers do not expire and are available to all AWS customers
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Notable Always free offers include some level of free usage for [AWS Lambda](#), [Amazon DynamoDB](#), [Amazon CloudWatch](#), and many other useful services.

The screenshot shows the AWS Free Tier details page. At the top, there's a navigation bar with links for Contact Us, Support, English, My Account, Sign In, and a prominent orange "Create an AWS Account" button. Below the navigation is a search bar labeled "Search free tier products". On the left, there's a sidebar titled "Free Tier details" with a "Filter by:" section containing "Clear all filters", "Tier Type" (with "Always Free" checked), and "Product Categories" (listing various AWS services like Analytics, Application Integration, etc.). The main content area is divided into four categories: DATABASE, COMPUTE, MOBILE, and SECURITY, IDENTITY, & COMPLIANCE. Each category has a service listed with its free tier, usage limit, and a brief description. For example, in the DATABASE section, Amazon DynamoDB offers 25 GB of storage. In the COMPUTE section, AWS Lambda offers 1 Million free requests per month. In the MOBILE section, Amazon SNS offers 1 Million publishes. In the SECURITY, IDENTITY, & COMPLIANCE section, Amazon CloudFront offers 1 TB of content delivery.

Category	Service	Offer
DATABASE	Amazon DynamoDB	25 GB of storage
COMPUTE	AWS Lambda	1 Million free requests per month
MOBILE	Amazon SNS	1 Million publishes
SECURITY, IDENTITY, & COMPLIANCE	Amazon CloudFront	1 TB of content delivery

## e. Access the Free trials page

On the AWS Free Tier page, choose the **Free trials** link to view the Free trials offers.



The screenshot shows the AWS Activate homepage. At the top, there's a banner for 'Startups may be eligible for AWS credits'. Below it, a section titled 'Types Of Offers' displays three categories: 'Free trials' (represented by a stopwatch icon), '12 months free' (represented by a calendar icon), and 'Always free' (represented by a circular infinity symbol icon). Each category has a brief description and a link to explore offers.

## f. Explore trial offers

Trial offers allow you to use a service for a specified period of time or number of operations.

Notable trial offers include [Amazon SageMaker](#), [Amazon GuardDuty](#), [Amazon Redshift](#), and many other useful services.

The screenshot shows the 'Free Tier details' page on the AWS website. It features a sidebar for filtering by tier type (Featured, 12 Months Free, Always Free, Trials) and product categories. The main area lists several trial offers in a grid format:

- MACHINE LEARNING**: **Amazon SageMaker** - **2 Months** (Free Tier, NEW)
- ANALYTICS**: **Amazon Redshift** - **2 Month** (Free Tier, FREE TRIAL)
- DESKTOP & APP STREAMING**: **Amazon AppStream 2.0** - **40 Hours** (Free Tier, FREE TRIAL)
- COMPUTE**: **Amazon Lightsail** - **750 Hours** (Free Tier, FREE TRIAL)
- MACHINE LEARNING**: **Amazon Comprehend Medical** - **.....** (Free Tier, FREE TRIAL)
- SECURITY, IDENTITY, & COMPLIANCE**: **Amazon Inspector** - **15 Davs** (Free Tier, FREE TRIAL)

There is no additional charge associated with using the AWS Billing Console for this tutorial. The resources you create in this tutorial are Free Tier eligible. The button and link to the right open a new tab so you can follow this tutorial in the AWS console.

[Sign-up for AWS](#)

Already have an account? [Sign-in](#)

## Step 3: Review your spend and Free Tier usage

In this step, you will use the AWS Billing Console to review your overall AWS spend and Free Tier usage.

### a. Access the billing dashboard

After you have logged in to your account, from the account menu, choose **Billing Dashboard**.

The screenshot shows the AWS Console Home page. At the top, there's a search bar and a services navigation bar. Below that is the 'Console Home' section with a 'Recently visited' list containing links to Amazon SageMaker, Lightsail, DynamoDB, Lambda, AWS Health Dashboard, AWS Budgets, and EC2. To the right of this list is a sidebar menu. The 'Billing Dashboard' option in this menu is highlighted with a red box. Other options in the sidebar include Account, Organization, Service Quotas, Security credentials, and Settings. At the bottom of the sidebar is a 'Sign out' button. The footer of the page includes links for Feedback, Unified Settings, Copyright information (© 2022, Amazon Web Services, Inc. or its affiliates.), Privacy, Terms, and Cookie preferences.



date costs in the **AWS Summary** section, as well as the cost trend for your top five services for the most recent three to six closed billing periods in the **Cost trend by top five services** section.

The screenshot shows the AWS Billing Dashboard. On the left, there's a navigation pane with various links like Home, Billing, Bills, Payments, Credits, Purchase orders, Cost & Usage Reports, Cost Categories, Cost allocation tags, Free Tier, Billing Conductor, Cost Management, Cost Explorer, Budgets, Budgets Reports, Savings Plans, Preferences, and Billing preferences. The main area displays the AWS Billing Dashboard with a page refresh time of Sunday, August 14, 2022 at 6:10:23 PM PDT. It features two main sections: 'AWS summary' and 'Highest cost'. The 'AWS summary' section includes metrics for the current month's total forecast (USD 145.16), Current MTD balance (USD 55.09), and Prior month for the same period with trend (USD 50.36, up 9.4%). The 'Highest cost' section shows the Relational Database Service as the highest service spend, with a current MTD balance of USD 21.87 and a prior month balance of USD 22.70. There are also buttons for 'Highest service spend' and 'Feedback'.

## c. Access all your Free Tier usage

To dive deeper into your Free Tier eligible usage, choose **Free Tier** from the left navigation pane.



The screenshot shows the AWS Cost & Usage Reports interface. On the left, a sidebar lists various cost management options, with 'Free Tier' highlighted by a red box. The main area displays key financial metrics: Current month's total forecast (USD 145.16), Current MTD balance (USD 55.09), and Prior month for the same period with trend (USD 50.36, up 9.4%). Below these are counts for active services (15), active AWS accounts (1), and active AWS Regions (5). A section titled 'Highest cost' highlights Relational Database Service as the top spender. The bottom of the page includes copyright information and links for privacy, terms, and cookie preferences.

## d. Analyze all your Free Tier usage

In the **Summary** section on the **AWS Free Tier** page, all of your usage of services in the Free Tier are listed. In addition to your **Current usage**, your forecasted service usage by the end of the month is detailed in the **Forecasted usage** column.

In the example screenshot, note that the forecasted usage of EC2 is 2 GB-mo. Exceeding the limit of the Free Tier generally results in a billable charge.

The screenshot shows the AWS Billing interface with the 'AWS Free Tier' section selected. The sidebar includes a 'Free Tier' option, which is also highlighted by a red box. The main content is a table titled 'Summary (13)' showing usage details for various AWS services. The table has columns for Service, AWS Free Tier usage limit, Current usage, and Forecasted usage. A specific row for Amazon Elastic Compute Cloud (EC2) is highlighted with a red box, showing its usage limit of 1 GB of Amazon Elastic Block Storage snapshot storage, current usage of 1 GB-mo, and forecasted usage of 2 GB-mo. The table also includes rows for Amazon Relational Database Service, AmazonCloudWatch, and Amazon EC2 Container Registry (ECR).



To change who gets these email alerts, choose **Billing Preferences** from the left navigation bar.

To opt other people in to receive Free Tier Usage Alerts, in the **Email Address** field, add their email address and choose **Save preferences**.

The screenshot shows the AWS Billing Preferences page. On the left, there's a navigation menu with options like Home, Billing, Bills, Payments, Credits, Purchase orders, Cost & Usage Reports, Cost Categories, Cost allocation tags, Free Tier, Billing Conductor, Cost Management, Cost Explorer, Budgets, Budgets Reports, Savings Plans, and Preferences. Under Preferences, the 'Billing preferences' link is highlighted with a red box. The main content area is titled 'Preferences' and contains sections for 'Billing Preferences' and 'Cost Management Preferences'. In the 'Cost Management Preferences' section, there's a checkbox for 'Receive Free Tier Usage Alerts' which is checked. Below it, there's a text input field for 'Email Address' containing 'my-email@amazon.com', also enclosed in a red box. At the bottom of this section, there's another checkbox for 'Receive Billing Alerts' and a link to 'Detailed Billing Reports [Legacy]'. A blue 'Save preferences' button is located at the bottom of the main content area. The top of the page has a search bar, a global dropdown, and other standard AWS navigation elements.



## Step 4: Set up a cost budget

In this step, you will set up a cost budget in the AWS Billing Console using AWS Budgets. As part of your cost budget, you will set up three notifications: one for if your costs reach 80% of your budget, one for if your costs are forecasted to exceed your budget, and one if your costs do exceed your budget.

### a. Create budget

From the navigation menu on the left, select **Budgets** then choose **Create a budget** on the AWS Budgets console page.

The screenshot shows the AWS Budgets landing page. On the left, there's a sidebar with various navigation options like Purchase orders, Cost & Usage Reports, Cost Categories, etc. The 'Budgets' option is highlighted with a red box. The main content area features a large heading 'alert you when you exceed your budgeted thresholds'. Below it, a sub-section titled 'How it works' shows a flowchart with four icons: a laptop, a bar chart, a bell, and a document. To the right, there's a 'Pricing (US)' section stating 'There is no additional charge for using AWS Budgets. You only pay for configured actions that go beyond the free tier offer of 62 action-enabled budget days.' At the bottom, there's a footer with links for Feedback, Unified Settings, Privacy, Terms, and Cookie preferences.

## b. Choose budget type

On the **Choose budget type** page, choose **Cost budget** under **Budget types**.

The screenshot shows the 'Choose budget type' page in the AWS Billing Console. On the left, there's a sidebar with steps: Step 1 (Choose budget type), Step 2 (Set your budget), Step 3 (Configure alerts), Step 4 - Optional (Attach actions), and Step 5 (Review). The main content area has a title 'Choose budget type' with an 'Info' link. Below it is a 'Budget types' section. It contains four options: 'Cost budget - Recommended' (which is selected and highlighted with a red box), 'Usage budget', 'Savings Plans budget', and 'Reservation budget'. Each option has a brief description. At the bottom, there's a footer with links for Feedback, Unified Settings, Privacy, Terms, and Cookie preferences.

## c. Set budget details

On the **Set your budget** page, edit the **Budget name** field to read *MyMonthlyBudget*.

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associated with a particular set of AWS services, linked accounts, tags, or other usage dimensions. For this tutorial, keep these values as the default and choose **Next**.



Step 3  
Configure alerts

Step 4 - Optional  
Attach actions

Step 5  
Review

### Details

Budget name  
Provide a descriptive name for this budget.

Names must be between 1-100 characters.

### Set budget amount

Period  
Daily budgets do not support enabling forecasted alerts, or daily budget planning.

Monthly

Budget renewal type

Recurring budget  
Recurring budgets renew on the first day of every monthly billing period.

Expiring budget  
Expiring monthly budgets stop renewing at the end of the selected expiration month.

Start month

Aug ▾ 2022 ▾

Budgeting method [Info](#)

Fixed  
Create a budget that tracks against a single monthly budgeted amount.

Enter your budgeted amount (\$)  
Last month's cost: \$182.28

### Budget scope [Info](#)

Add filtering and use advanced options to narrow the set of cost information tracked as part of this budget

Scope options

All AWS services (Recommended)  
Track any cost incurred from any service for this account as part of the budget scope

Filter specific AWS cost dimensions  
Select specific dimensions to budget against. For example, you can select the specific service "EC2" to budget against.

▼ Advanced options

Aggregate costs by

Unblended costs

Supported charge types

Upfront reservation fees X

Recurring reservation charges X

Other subscription costs X Taxes X

Support charges X Discounts X

Actual cost

[View in AWS Cost Explorer](#)

Alerts

No alerts configured.

Cancel Previous **Next**

Feedback
Looking for language selection? Find it in the new [Unified Settings](#)
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## d. Configure alert for when actual cost exceeds 80% of budget threshold

Billing Console > Budgets > Create budget

Step 1 Choose budget type

Step 2 Set your budget

Step 3 Configure alerts

Step 4 - Optional Attach actions

Step 5 Review

**Configure alerts**

▶ How budget alerts work

**Budget amount**

Your budgeted amount: \$100.00  
To change your budgeted amount, go back to step 2.

No alert thresholds created.  
**Add an alert threshold**

Cancel Previous Next

**Budget preview**

Cost Data  
Aug 2021 - Aug 2022 (MTD) | Unblended costs

Date	Actual Cost	Budget
Aug 2021	~10	100
Nov 2021	~10	100
Feb 2022	~10	100
May 2022	~180	100

Actual cost    Budget

[View in AWS Cost Explorer](#)

**Alerts**

No alerts configured.

Feedback Looking for language selection? Find it in the new Unified Settings [\[Feedback\]](#)

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Configure the alert to be triggered when actual costs are greater than 80% of budgeted amount, as shown in the screen shot. Add your email address and the email address of anyone who should receive this alert in the **Email recipients** field.

Step 5 Review

**▼ Alert #1**

**Set alert threshold**

Threshold When should this alert be triggered?  
80 % of budgeted amount

Trigger How should this alert be triggered?  
Actual

**Summary:** When your actual cost is greater than 80.00% (\$80.00) of your **budgeted amount** (\$100.00), the alert threshold will be exceeded.

**Notification preferences - Optional**  
Select one or more notification preferences to receive alerts.

**Email recipients**  
Specify the email recipients you want to notify when the threshold has exceeded.  
my-email@amazon.com

Maximum number of email recipients is 10.

► [Amazon SNS Alerts](#) [Info](#)

► [Amazon Chatbot Alerts](#)

Feedback Looking for language selection? Find it in the new Unified Settings [\[Feedback\]](#)

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**Threshold**  
When should this alert be triggered?  
80 % of budgeted amount

**Trigger**  
How should this alert be triggered?  
Actual

**Summary:** When your actual cost is greater than 80.00% (\$80.00) of your **budgeted amount** (\$100.00), the alert threshold will be exceeded.

**Notification preferences - Optional**  
Select one or more notification preferences to receive alerts.

**Email recipients**  
Specify the email recipients you want to notify when the threshold has exceeded.  
my-email@amazon.com

Maximum number of email recipients is 10.

► Amazon SNS Alerts [Info](#)  
► Amazon Chatbot Alerts

**+ Add alert threshold**

Cancel Previous Next

Configure this alert to be triggered when forecasted costs are greater than 100% of the budgeted amount, as shown in the screen shot. Add your email address and the email address of anyone who should receive this alert in the **Email recipients** field.

**▼ Alert #2**

**Set alert threshold**

**Threshold**  
When should this alert be triggered?  
100 % of budgeted amount

**Trigger**  
How should this alert be triggered?  
Forecasted

**Summary:** When your forecasted cost is greater than 100.00% (\$100.00) of your **budgeted amount** (\$100.00), the alert threshold will be exceeded.

**Notification preferences - Optional**  
Select one or more notification preferences to receive alerts.

**Email recipients**  
Specify the email recipients you want to notify when the threshold has exceeded.  
my-email@amazon.com

Maximum number of email recipients is 10.

► Amazon SNS Alerts [Info](#)  
► Amazon Chatbot Alerts

Feedback Remove <

## f. Configure alert for when actual costs exceed your budget

threshold will be exceeded.

**Notification preferences - Optional**  
Select one or more notification preferences to receive alerts.

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

my-email@amazon.com

Maximum number of email recipients is 10.

▶ [Amazon SNS Alerts Info](#)  
▶ [Amazon Chatbot Alerts](#)

**+ Add alert threshold**

Cancel Previous Next

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Configure this alert to notify you when actual costs are greater than 100% of budgeted amount. Add your email address and the email address of anyone who should receive this alert in the **Email recipients** field.

**▼ Alert #3** Remove

**Set alert threshold**

Threshold When should this alert be triggered?	Trigger How should this alert be triggered?
100	% of budgeted amount ▾
Actual ▾	

Summary: When your actual cost is greater than 100.00% (\$100.00) of your **budgeted amount** (\$100.00), the alert threshold will be exceeded.

**Notification preferences - Optional**  
Select one or more notification preferences to receive alerts.

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

my-email@amazon.com

Maximum number of email recipients is 10.

▶ [Amazon SNS Alerts Info](#)  
▶ [Amazon Chatbot Alerts](#)

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## g. Attach actions (optional)

Choose **Next** to view the attach actions page.

will be exceeded.

**Notification preferences - Optional**  
Select one or more notification preferences to receive alerts.

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

my-email@amazon.com

Maximum number of email recipients is 10.

► [Amazon SNS Alerts Info](#)

► [Amazon Chatbot Alerts](#)

[+ Add alert threshold](#)

Cancel [Previous](#) [Next](#)

[Feedback](#) Looking for language selection? Find it in the new [Unified Settings](#)

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A budget action allows you to define and trigger cost-saving responses to reinforce a cost-conscious culture. You have the option to attach actions that run whenever your alert threshold has been exceeded, such as stopping an EC2 instance from incurring any further costs. You can select the alerts to which you would like to attach actions, then define these actions.



Step 3 - Optional  
**Attach actions**

Step 4  
Review

**What is a budget action?**  
A budget action allows you to define and trigger cost saving responses to reinforce a cost-conscious culture. You have the option to attach actions that run whenever your alert threshold has been exceeded, such as stopping an EC2 instance from incurring any further costs. You can select the alerts to which you would like to attach actions, then define these actions.

**How to get started?**  
To create a budget action, you will first need an alert threshold created from step 2. If you have already created an alert threshold select the type of action you want.

**▼ Alert #1 (0 actions attached)**

Threshold 80%	Email recipients my-email@amazon.com
Threshold measured against Actual Costs	Amazon SNS Not configured

**Add Action**

**► Alert #2 (0 actions attached)**

**► Alert #3 (0 actions attached)**

Cancel Previous Next

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Choose **Next** to review the budget details on the **Review** page.

Services Search for services, features, blogs, docs, and more [Option+S]

**▼ Alert #2 (0 actions attached)**

Threshold 100%	Email recipients my-email@amazon.com
Threshold measured against Forecasted Costs	Amazon SNS Not configured

**Add Action**

**▼ Alert #3 (0 actions attached)**

Threshold 100%	Email recipients my-email@amazon.com
Threshold measured against Actual Costs	Amazon SNS Not configured

**Add Action**

Cancel Previous Next

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Review your budget and then choose **Create budget** to create the budget and alerts.

Free Tier limit. After that, you simply pay as you go to create additional budgets.

**Billing Console > Budgets > Create budget**

**Step 1: Choose budget type**

**Budget type**

**Cost budget**  
Monitor your costs against a specified dollar amount and receive alerts when your user-defined thresholds are met.

**Step 2: Set up your budget**

**Budget details**

Name MyMonthlyBudget	Start date Aug 2022	Budget amount \$100.00
Period Monthly	End date -	

► Additional budget parameters

**Step 3: Configure alerts**

**Alerts**

<b>Alert #1</b> Threshold 80% of budgeted amount Threshold measured against Actual costs	<b>Alert #2</b> Threshold 100% of budgeted amount Threshold measured against Forecasted costs	<b>Alert #3</b> Threshold 100% of budgeted amount Threshold measured against Actual costs
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**Step 4: Attach actions - optional**

**Actions**

You have no budgets actions

**Create budget**

Feedback Looking for language selection? Find it in the new Unified Settings [\[?\]](#)

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## h. Inspect your new budget

To dive deeper into your budget details, select your new budget.

The screenshot shows the AWS Budgets console interface. On the left, there is a navigation sidebar with various links such as Purchase orders, Cost & Usage Reports, Cost Categories, Cost allocation tags, Free Tier, Billing Conductor, Cost Management, Cost Explorer, Budgets (which is highlighted in orange), Budgets Reports, Savings Plans, Preferences, and Billing preferences. The main area is titled 'Budgets (1) Info' and displays a table with one row. The row contains columns for Name (with 'MyMonthlyBudget' selected and highlighted with a red box), Thresholds (OK), Budget (\$100.00), Amount... (\$60.92), Forecas... (\$143.31), and Current vs. bu... (a progress bar). At the top right of the main area, there are buttons for 'Download CSV', 'Actions', and 'Create budget'. Below the table, there is a search bar with 'Find a budget' placeholder text, a 'Show all budgets' dropdown, and navigation arrows. At the bottom of the page, there are links for Feedback, Unified Settings, Copyright notice (© 2022, Amazon Web Services, Inc. or its affiliates.), and links for Privacy, Terms, and Cookie preferences.

From there, you can view your budget details, access a budget performance summary, and inspect your historical budget performance.



Screenshot of the AWS Cost Management console showing budget details and history.

**Budget Details:**

- Current vs. budgeted:** 60.91% (Amount spent: \$60.92 of \$100.00)
- Forecasted vs budgeted (MTD):** 143.31% (Amount spent: \$143.31 of \$100.00)
- Thresholds:** Exceeded (1)
- Actions:** -
- View all alerts:** View all alerts

**Budget History:**

- Budget history:** Bar chart showing actual cost versus budgeted cost from August 2021 to July 2022.
- Cost (\$):** Y-axis ranging from 0 to 200.
- Date:** X-axis showing months from Aug 2021 to Jul 2022.
- Legend:** Actual cost (blue bar) and Budgeted cost (grey bar).
- View in AWS Cost Explorer:** Link to view the budget in the AWS Cost Explorer.

**Monthly costs history:**

Date	Actual	Budgeted	Budget variance (USD)	Budget variance (%)
August 2022 (MTD)	\$60.92	\$100.00	\$39.09	39.09%
July 2022	\$182.28	-	-	-
June 2022	\$105.90	-	-	-
May 2022	\$9.68	-	-	-
April 2022	\$0.00	-	-	-

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## Conclusion

Congratulations! You have finished the **Control Your AWS Costs** tutorial.

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AWS products and services.

Continue your journey with AWS by following the next steps section below.

## Was this page helpful?



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## Next steps

### AWS Billing and Cost Management Documentation

AWS Billing and Cost Management is a web service that provides features that helps you pay your bills and optimize your costs. Amazon Web Services bills your account for usage, which ensures that you pay only for what you use.



### Billing and Cost Optimizations Essentials

View the getting started guide for Billing and Cost Optimization Essentials.

### Optimize Costs and Gain Visibility into Usage with Amazon S3 Storage Lens

Learn how to create, configure, and navigate an S3 Storage Lens dashboard. Understand the difference between free and advanced metrics and explore some use cases.

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Resources for AWS

Getting Started

Training and Certification

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