

# AWS Cost & Billing Management Cheat Sheet

*Business Science*

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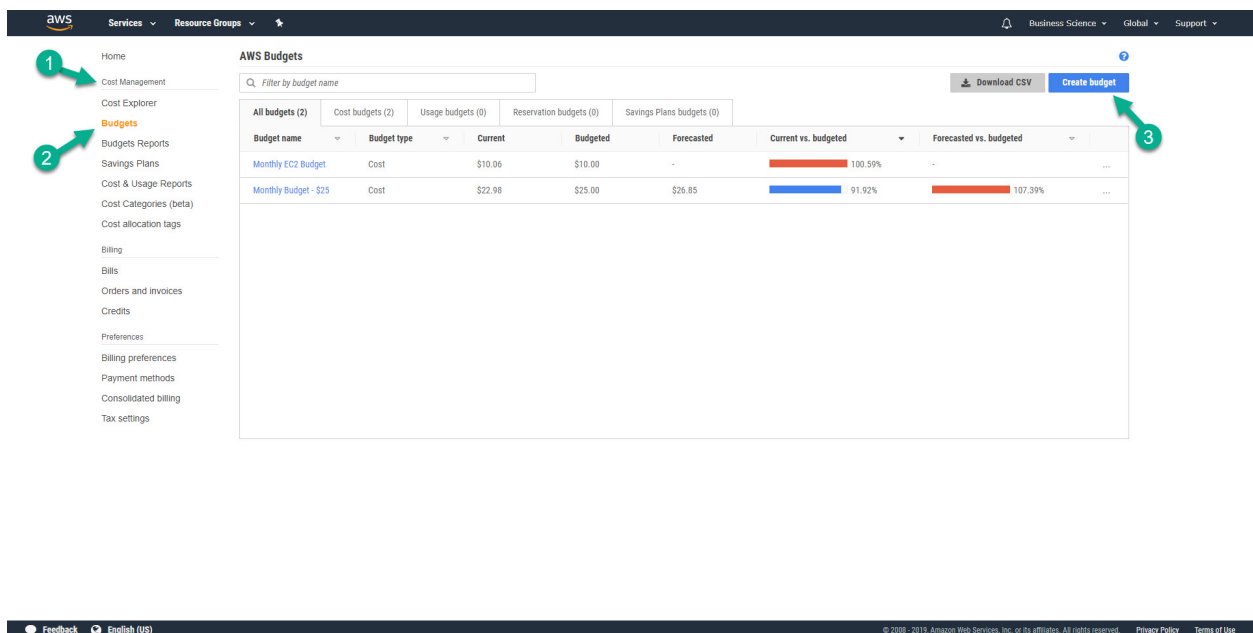
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## Overview

These instructions will help you set up billing alerts to prevent cost creep.

## Navigate to Budgets inside Cost Management

Click “Create Budget”



The screenshot shows the AWS Budgets console. The sidebar on the left contains navigation links. The main content area displays a table of budgets. A 'Create budget' button is located in the top right corner of the main area. Red circles and arrows highlight the 'Create budget' button (labeled 3), the 'Budgets' link in the sidebar (labeled 2), and the 'Home' link in the sidebar (labeled 1).

Budget name	Budget type	Current	Budgeted	Forecasted	Current vs. budgeted	Forecasted vs. budgeted
Monthly EC2 Budget	Cost	\$10.06	\$10.00	-	100.59%	-
Monthly Budget - \$25	Cost	\$22.98	\$25.00	\$26.85	91.92%	107.39%

## Step 1 - Select “Cost Budget”

## Step 2 - Set your budget

1. Name your budget.
2. Add Budget Ammount.
3. Use filtering to target specific services (e.g. EC2 Specific Budget). Leave filters blank for an overall budget.

The screenshot shows the AWS 'Set your budget' console. A sidebar on the left lists the steps: Step 1: Select budget type, Step 2: Set your budget (highlighted), Step 3: Configure alerts, and Step 4: Confirm budget. The main area is titled 'Set your budget' and contains the following sections:

- Budget details:** Includes a 'Name' field with the value 'e.g. Monthly EC2 Budget' (annotated with a green arrow and '1'), a 'Period' dropdown set to 'Monthly', and 'Budget effective dates' with options for 'Recurring Budget' (selected) and 'Expiring Budget'.
- Budget amount:** Includes a 'Fixed' option (selected) and a 'Monthly Budget Planning' option. The 'Fixed' option has a 'Budgeted amount' field set to '\$1,000.00' (annotated with a green arrow and '2') and a 'Last month's cost' of '\$15.53'.
- Budget parameters (optional):** Includes a 'Filtering' section with a 'Service' dropdown set to 'EC2-Instances (Elastic Compute Cloud - Compute)' (annotated with a green arrow and '3'). Below this is a list of services with checkboxes, including 'EC2-Instances (Elastic Compute Cloud - Compute)' and 'EC2-Other'.

At the bottom right, there is a bar chart titled 'Unblended costs (\$)' showing costs for various months from Nov 2018 to Nov 2019. The chart shows a significant spike in Nov 2018 and smaller spikes in Dec 2018, Sep 2019, Oct 2019, and Nov 2019.

## Step 3 - Make Alerts

1. Use the threshold to specify when to trigger alert.
2. Set up email contacts to for email alerts.

aws Services Resource Groups

Create a budget

Step 1: Select budget type  
Step 2: Set your budget  
Step 3: Configure alerts  
Step 4: Confirm budget

### Configure alerts

You can send budget alerts via email and/or Amazon Simple Notification Service (Amazon SNS) topic. To send a budget alert, you must provide at least one email contact or valid SNS topic ARN.

**Budgeted amount** [Edit](#)  
\$500

**Alert 1**

**Send alert based on:**

- ☒ Actual Costs
- ☐ Forecasted Costs

**Alert threshold**

80 % of budgeted amount

Notify the following contacts when **Actual Costs** is **Greater than -- (-)**

**Email contacts**

example@domain.com

[Add email contact](#)

☐ Notify via Amazon Simple Notification Service (SNS) topic [Learn more](#)

**AWS Chatbot Notifications** - Optional [Learn more](#)

AWS customers can send notifications to Chime or Slack by simply mapping an AWS SNS topic to a chat room. To receive alerts via the AWS Chatbot, you will need to create and configure an Amazon SNS topic (instructions above). To manage your AWS Chatbot configuration, please click [here](#).

[+ Add new alert](#)

Cancel < **Set up your budget** Confirm budget >

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## Step 4 - Confirm Budget

Review and accept if correct.