

LAB: Signup to AWS and create a Budget

You need:

- Your Credit Card
- An Email Address

Duration of the Lab: 15 Minutes.

Difficulty: Very easy.

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Open the Signup Page:

<https://portal.aws.amazon.com/billing/signup#/start>

Enter your email, a strong password and an account name. The account-name really doesn't matter for this step, you can choose any account name you like.

The screenshot shows the AWS Console Signup page. The header includes the AWS logo and a language dropdown set to 'English'. The main heading is 'Create an AWS account'. To the left, a promotional message states 'AWS Accounts Include 12 Months of Free Tier Access' and lists services like Amazon EC2, Amazon S3, and Amazon DynamoDB. To the right, a form is displayed with the following fields: 'Email address' (containing 'lesik4286@upcmall.com'), 'Password', 'Confirm password', and 'AWS account name' (containing 'myAccountName'). A yellow 'Continue' button is positioned below the form. At the bottom of the form, there is a link 'Sign in to an existing AWS account' and a small copyright notice: '© 2020 Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use'.

Contact Information

Fill in your Details:

The screenshot shows the 'Contact Information' page in the AWS Console. The page title is 'Contact Information' with a note 'All fields are required'. Below the title, it says 'Please select the account type and complete the fields below with your contact details.' There are two radio buttons for 'Account type': 'Professional' and 'Personal' (which is selected). Below this are input fields for 'Full name' (containing 'MYAWSAccount'), 'Phone number', 'Country/Region' (a dropdown menu showing 'United States'), 'Address' (with two sub-fields: 'Street, P.O. Box, Company Name, etc.' and 'Apartment, suite, unit, building, floor, etc.'), 'City', 'State / Province or region', and 'Postal code'. At the bottom, there is a checkbox labeled 'Check here to indicate that you have read and agree to the terms of the AWS Customer Agreement' and a yellow 'Create Account and Continue' button. The footer contains copyright information for Amazon Web Services, Inc. and links to 'Privacy Policy', 'Terms of Use', and 'Sign Out'.

Enter Credit Card Information

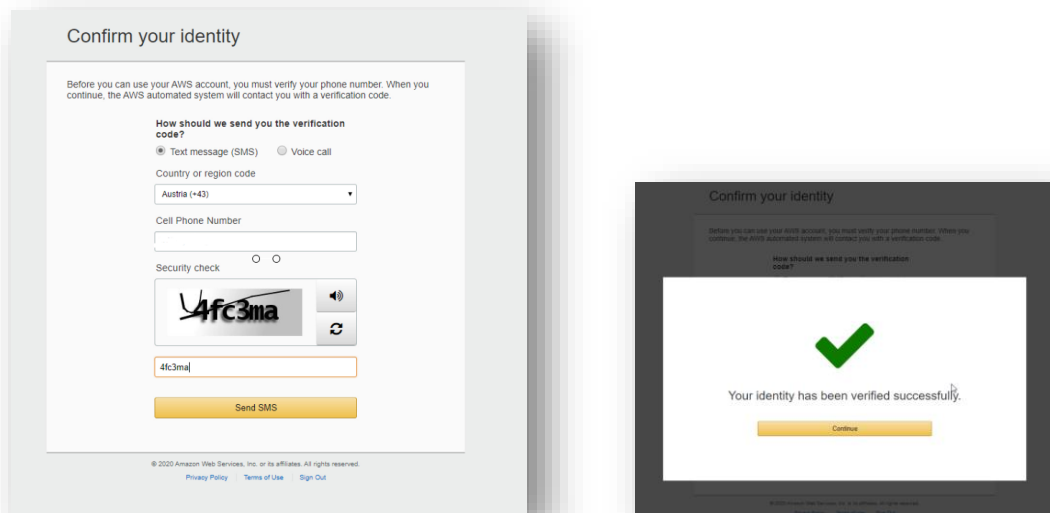
On the next page enter your CreditCard information

The screenshot shows the 'Payment Information' page in the AWS Console. It starts with a paragraph: 'We use your payment information to verify your identity and only for usage in excess of the AWS Free Tier Limits. We will not charge you for usage below the AWS Free Tier Limits. For more information, see the [frequently asked questions](#).' Below this is an information icon and a note: 'When you submit your payment information, we will charge \$1 USD/EUR to your credit card as a verification charge to ensure your card is valid. The amount may show as pending in your credit card statement for 3-5 days until the verification is completed, at which time the charge will be removed. You may be redirected to your bank website to authorize the verification charge.' The form fields include 'Credit/Debit card number' (with a card icon), 'Expiration date' (with dropdowns for '03' and '2020'), 'Cardholder's name', and 'Billing address'. There are two radio buttons for 'Billing address': 'Use my contact address' (which is selected) and 'Use a new address'. A yellow 'Verify and Add' button is at the bottom. The footer contains copyright information for Amazon Web Services, Inc. and links to 'Privacy Policy', 'Terms of Use', and 'Sign Out'.

ATTENTION: Just having an AWS account doesn't cost you anything. You pay for the resources. If you still need to have around \$1 available, because AWS will deduct the money from you to verify the card is working. You will get the \$ refunded back to you.

Confirm your Identity

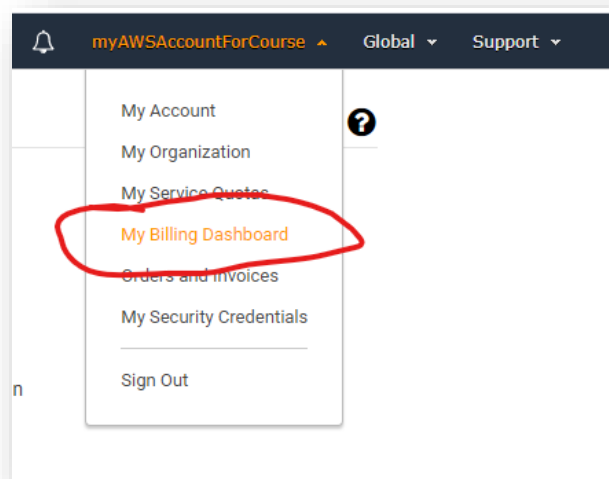
Next, AWS will ask to confirm your identity. Usually this doesn't take longer than 10 seconds:



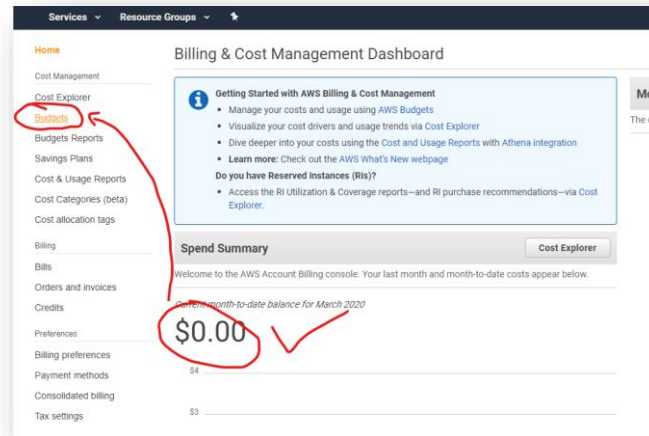
Create a Budget and Billing Alert

To be on the safe-side we also create a budget and an alert if we overspend our budget.

Click on your Account and then My Billing Dashboard:

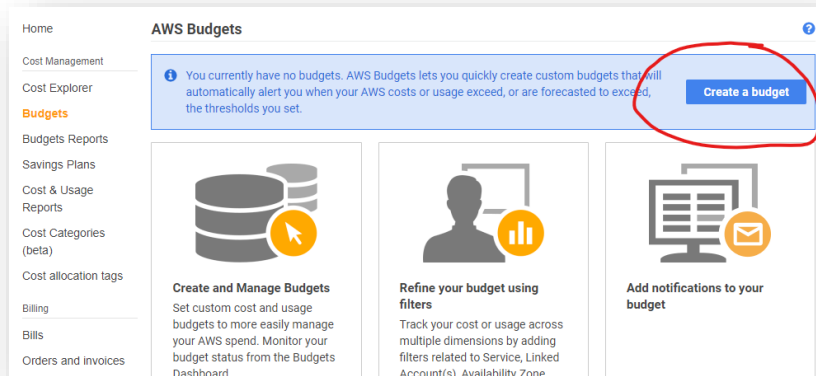


You will see that (hopefully) there are \$0.00 in your account balance currently. Let's click on budgets:

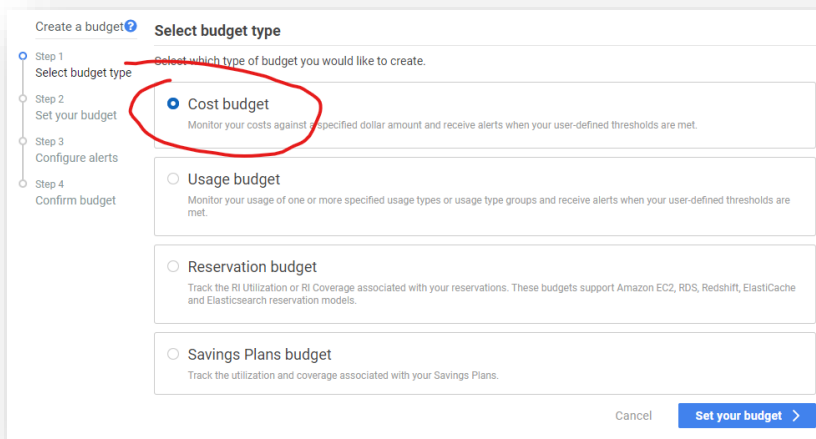


Create a new Budget:

Now let's create a budget for your whole account first, then add an alert if we overspend this budget.



Create a Cost-Based budget:



Create a budget for a really low amount, like \$0.1 or \$1, so you get notified as soon as you overspend this budget.

Enter a name, that's for your own reference. Then a Monthly, Recurring Budget. Fixed Amount with an amount of your choice. That's to trigger the billing alert.

The screenshot shows the AWS Budgets console interface. At the top, there's a navigation bar with the AWS logo, 'Services', 'Resource Groups', and user account information. A sidebar on the left lists the steps: 'Step 1: Select budget type' (active), 'Step 2: Set your budget', 'Step 3: Configure alerts', and 'Step 4: Confirm budget'. A blue information box at the top right 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.' The main section is titled 'Set your budget' and includes a sub-header 'Set your budget details, including your budgeted amount. From there, you can refine your budget using the optional budget parameters.' Below this, the 'Budget details' section contains a 'Name' field with 'My Course Budget', a 'Period' dropdown set to 'Monthly', and 'Budget effective dates' information. Under 'Budget effective dates', the 'Recurring Budget' option is selected. The 'Start Month' is set to 'Mar 2020'. The 'Budget amount' section shows the 'Fixed' option selected, with a description: 'Create a budget that tracks against a single monthly budgeted amount.' The 'Monthly Budget Planning' option is also visible. The 'Budgeted amount' field is set to '\$0.1'. There is a section for 'Budget parameters (optional)' and a collapsed 'Advanced Options' section at the bottom. The footer includes 'Feedback', 'English (US)', and copyright information for 2008-2020.

Create a budget ?

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

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

My Course Budget

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

Mar 2020

Budget amount

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

☐ **Monthly Budget Planning**
Specify your budgeted amount for each budget period.

Budgeted amount

\$0.1

Budget parameters (optional)

Advanced Options

Aggregate costs by

Feedback English (US) © 2008 - 2020, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use

Create an Alert for your Budget

In the wizard click on “Configure Alerts” to get to the next page.

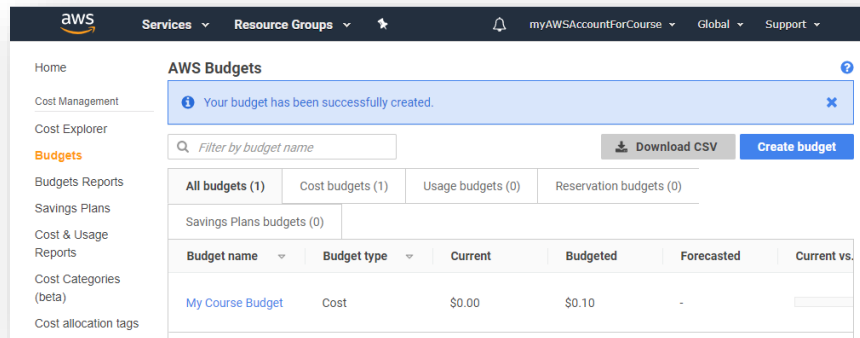
Enter 100% of the budgeted actual amount, your email address and confirm

The screenshot shows the 'Configure alerts' step of the AWS budget creation wizard. The left sidebar indicates the current step is 'Configure alerts'. The main content area shows 'Alert 1' configuration. Under 'Send alert based on:', 'Actual Costs' is selected. The 'Alert threshold' is set to '100' and the unit is '% of budgeted amount'. Below this, the notification condition is 'Actual Costs is Greater than 100% (\$0.10)'. There is an input field for 'Email contacts' with an 'Add email contact' button. At the bottom, there is a 'Confirm budget' button circled in red, along with 'Cancel' and 'Set up your budget' buttons.

On the next page have a look at the summary and create:

The screenshot shows the 'Confirm budget' step of the AWS budget creation wizard. The left sidebar indicates the current step is 'Confirm budget'. The main content area shows a summary of the budget details. The 'Cost budget' section shows 'My Course Budget' with a 'Monthly' period, starting 'Mar 1, 2020', and a 'Budgeted amount' of '\$0.10'. The 'Alerts' section shows 'Alert 1' with 'Actual Costs' and a threshold of 'Greater than 100% (\$0.1)' with '1 contact'. At the bottom, there is a 'Create' button circled in red, along with 'Cancel' and 'Configure alerts' buttons.

And you should have your Budget in your Overview.



LAB END
