

# 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.

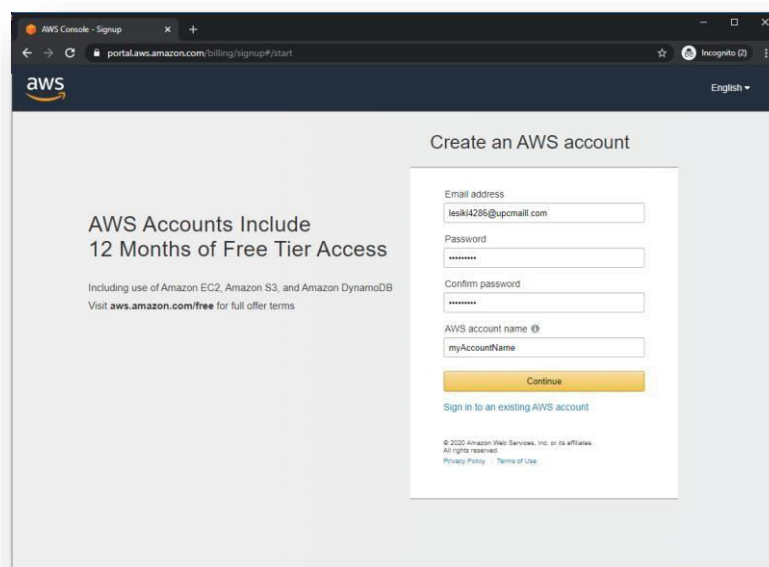
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## Open the Signup Page:

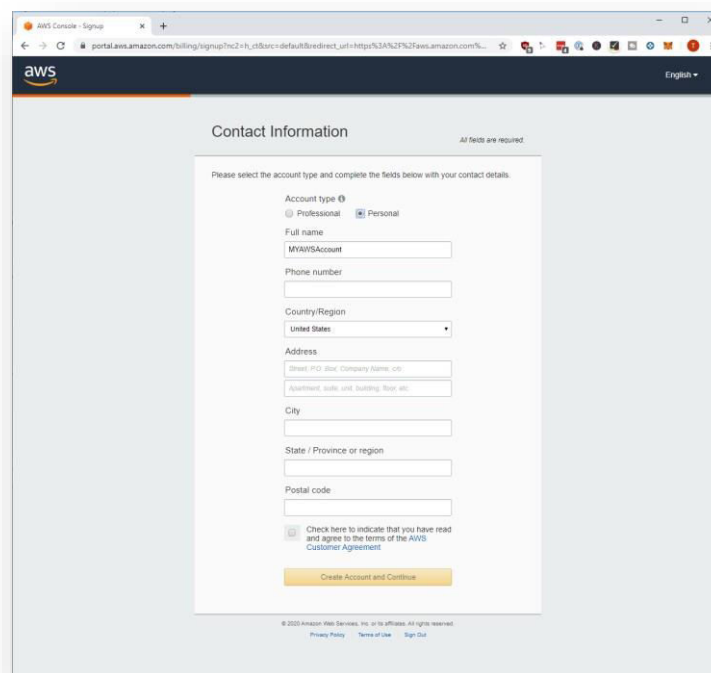
<https://portal.aws.amazon.com/billing/signup#/start>

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.

A screenshot of a web browser showing the AWS Console Signup page. The browser's address bar displays 'portal.aws.amazon.com/billing/signup#/start'. The page features the AWS logo and the heading 'Create an AWS account'. On the left, a promotional message states 'AWS Accounts Include 12 Months of Free Tier Access' with details about Amazon EC2, S3, and DynamoDB. On the right, a form is provided for account creation, containing fields for 'Email address' (filled with 'lesik4286@upmail.com'), 'Password' (masked with dots), 'Confirm password' (masked with dots), and 'AWS account name' (filled with 'myAccountName'). A yellow 'Continue' button is positioned below the form. At the bottom of the form, there is a link to 'Sign in to an existing AWS account' and a footer with copyright information and links to 'Privacy Policy' and 'Terms of Use'.

## Contact Information

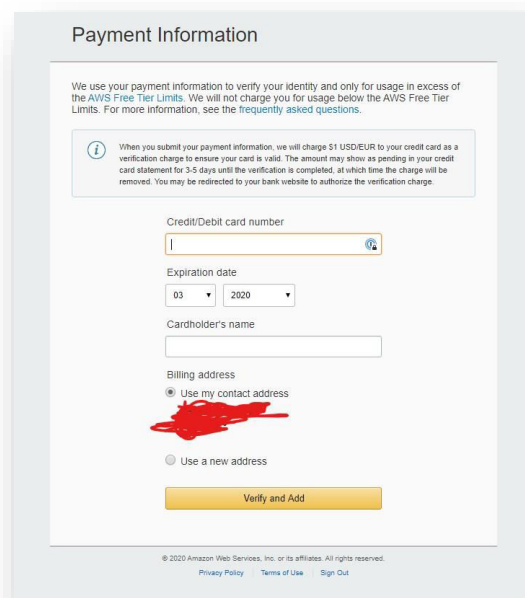
Fill in your Details:



The screenshot shows the 'Contact Information' step of the AWS account creation process. The page has a dark blue header with the AWS logo and 'English' language selector. The main content area is light gray and contains a white form titled 'Contact Information' with a note 'All fields are required.' The form instructs the user to 'Please select the account type and complete the fields below with your contact details.' It features two radio buttons for 'Account type': 'Professional' (unselected) and 'Personal' (selected). Below this are input fields for 'Full name' (containing 'MYAWSAccount'), 'Phone number', 'Country/Region' (a dropdown menu showing 'United States'), and 'Address' (with sub-fields for 'Street, P.O. Box, Company Name, etc.' and 'Apartment, suite, unit, building, floor, etc.'). There are also fields for 'City', 'State / Province or region', and 'Postal code'. A checkbox is present for 'Check here to indicate that you have read and agree to the terms of the AWS Customer Agreement'. At the bottom of the form is a yellow 'Create Account and Continue' button. The footer includes copyright information for 2020 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

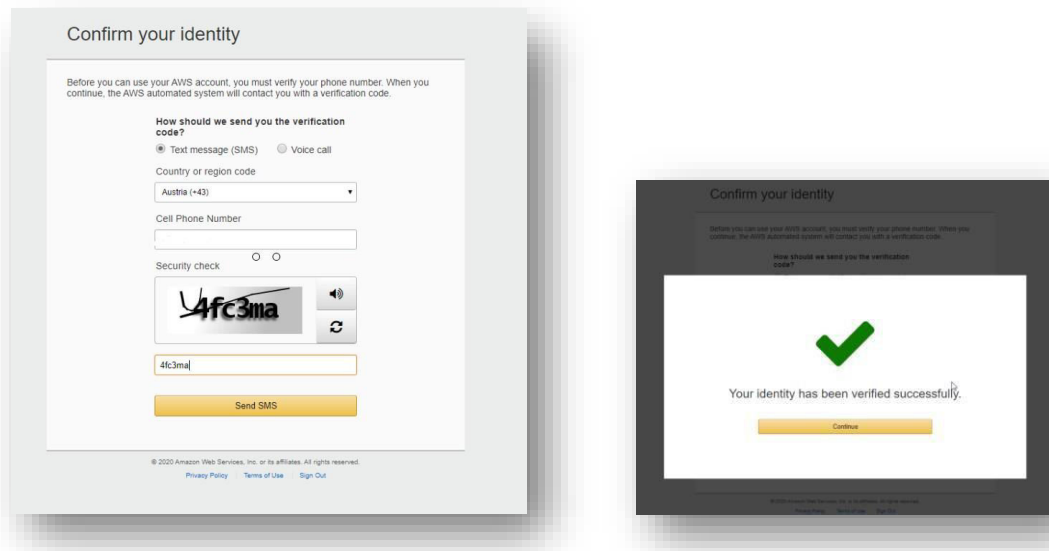


The screenshot shows the 'Payment Information' step of the AWS account creation process. The page has a light gray background. At the top, it says 'Payment Information'. Below this is a paragraph explaining that payment information is used for verification and that a \$1 USD/EUR verification charge will be applied to the credit card. An information icon (i) is next to this text. Below the paragraph is a form with the following fields: 'Credit/Debit card number' (a long text input field), 'Expiration date' (two dropdown menus showing '03' and '2020'), and 'Cardholder's name' (a text input field). Below these is a section for 'Billing address' with two radio buttons: 'Use my contact address' (selected) and 'Use a new address'. The 'Use my contact address' option is accompanied by a redacted image. At the bottom of the form is a yellow 'Verify and Add' button. The footer includes copyright information for 2020 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

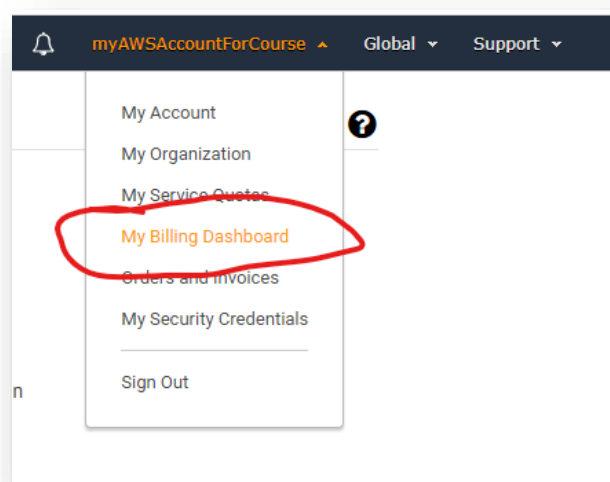
Next, AWS will ask to confirm your identity. Usually this doesn't take longer than 10 seconds:



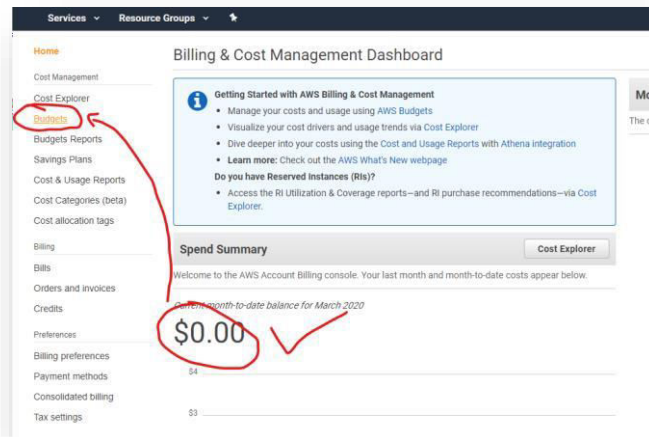
## Create a Budget and Billing Alert

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:

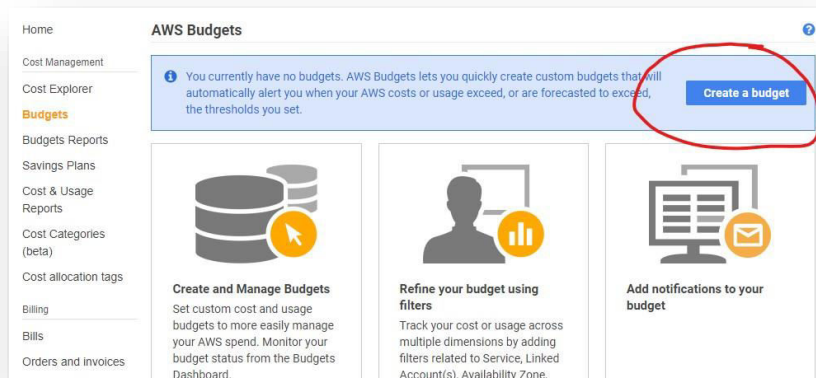


You will see that (hopefully) there are \$0.00 in your account balance currently. Let's click on budgets:

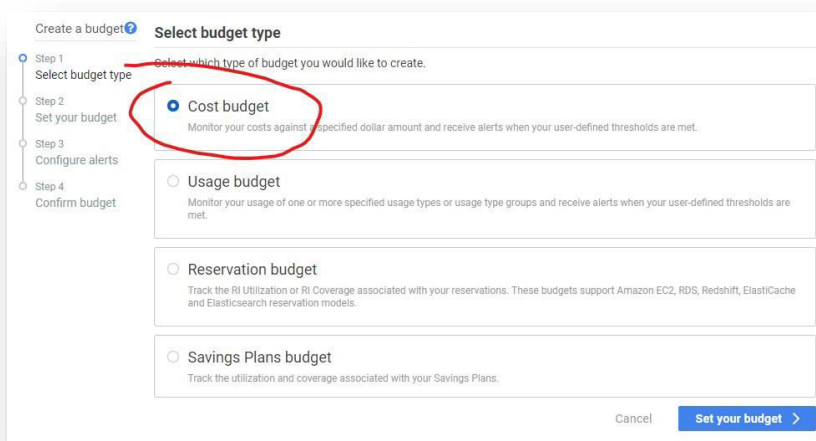


Create a new Budget:

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', 'Step 2: Set your budget' (which is the current step), '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 content area 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 is the 'Budget details' section. It has a 'Name' field with the value 'My Course Budget'. The 'Period' is set to 'Monthly'. Under 'Budget effective dates', it explains that recurring budgets renew on the first day of every monthly billing period. There are two radio button options: 'Recurring Budget' (which is selected) and 'Expiring Budget'. The 'Start Month' is set to 'Mar 2020'. The 'Budget amount' section has two options: 'Fixed' (selected) and 'Monthly Budget Planning'. The 'Fixed' option description says 'Create a budget that tracks against a single monthly budgeted amount.' The 'Monthly Budget Planning' option description says 'Specify your budgeted amount for each budget period.' Below this, the 'Budgeted amount' is set to '\$0.1'. There is a section for 'Budget parameters (optional)' which is currently collapsed. At the bottom, there's a section for 'Advanced Options' which is also collapsed, showing 'Aggregate costs by'. The footer contains a 'Feedback' link, 'English (US)' language selector, and copyright information: '© 2008 - 2020, Amazon Web Services, Inc. or its affiliates. All rights reserved.' along with 'Privacy Policy' and 'Terms of Use' links.

Create a budget?

Step 1  
Select budget type

Step 2  
Set your budget

Step 3  
Configure alerts

Step 4  
Confirm budget

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**

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

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## 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. A red circle highlights the 'Send alert based on:' section, where 'Actual Costs' is selected. Another red circle highlights the 'Alert threshold' input field, which contains '100'. A red arrow points to the 'Email contacts' input field. At the bottom, the 'Confirm budget' button is circled in red. The 'Set up your budget' button is also visible.

aws Services Resource Groups myAWSAccountForCourse Global Support

Create a budget **Configure alerts**

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

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: \$0.1

**Alert 1**

Send alert based on:  
☒ Actual Costs  
☐ Forecasted Costs

Alert threshold: 100 % of budgeted amount

Notify the following contacts when Actual Costs is Greater than 100% (\$0.10)

Email contacts

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

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 and alerts. The 'Cost budget' section shows the budget name 'My Course Budget', period 'Monthly', start date 'Mar 1, 2020', end date '-', and budgeted amount '\$0.10'. The 'Alerts' section shows 'Alert 1' with 'Actual Costs' and 'Greater than 100% (\$0.1)' and '1 contact'. The 'Create' button is circled in red. The 'Configure alerts' button is also visible.

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Create a budget **Confirm budget**

Please review your budget details and alerts settings. Then select Create to finish creating your budget.

**Cost budget**

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

**Budget details**

Name: My Course Budget  
Period: Monthly  
Start Date: Mar 1, 2020  
End Date: -  
Budgeted amount: \$0.10

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

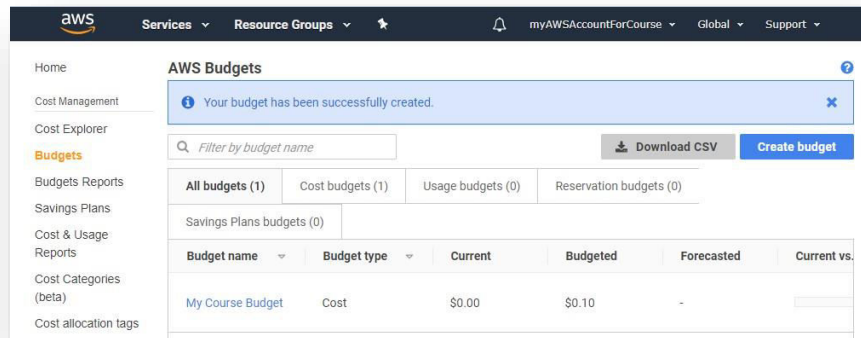
**Alerts**

Alert 1  
Actual Costs | Greater than 100% (\$0.1) | 1 contact

Cancel < Configure alerts Create

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And you should have your Budget in your Overview.



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LAB END

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