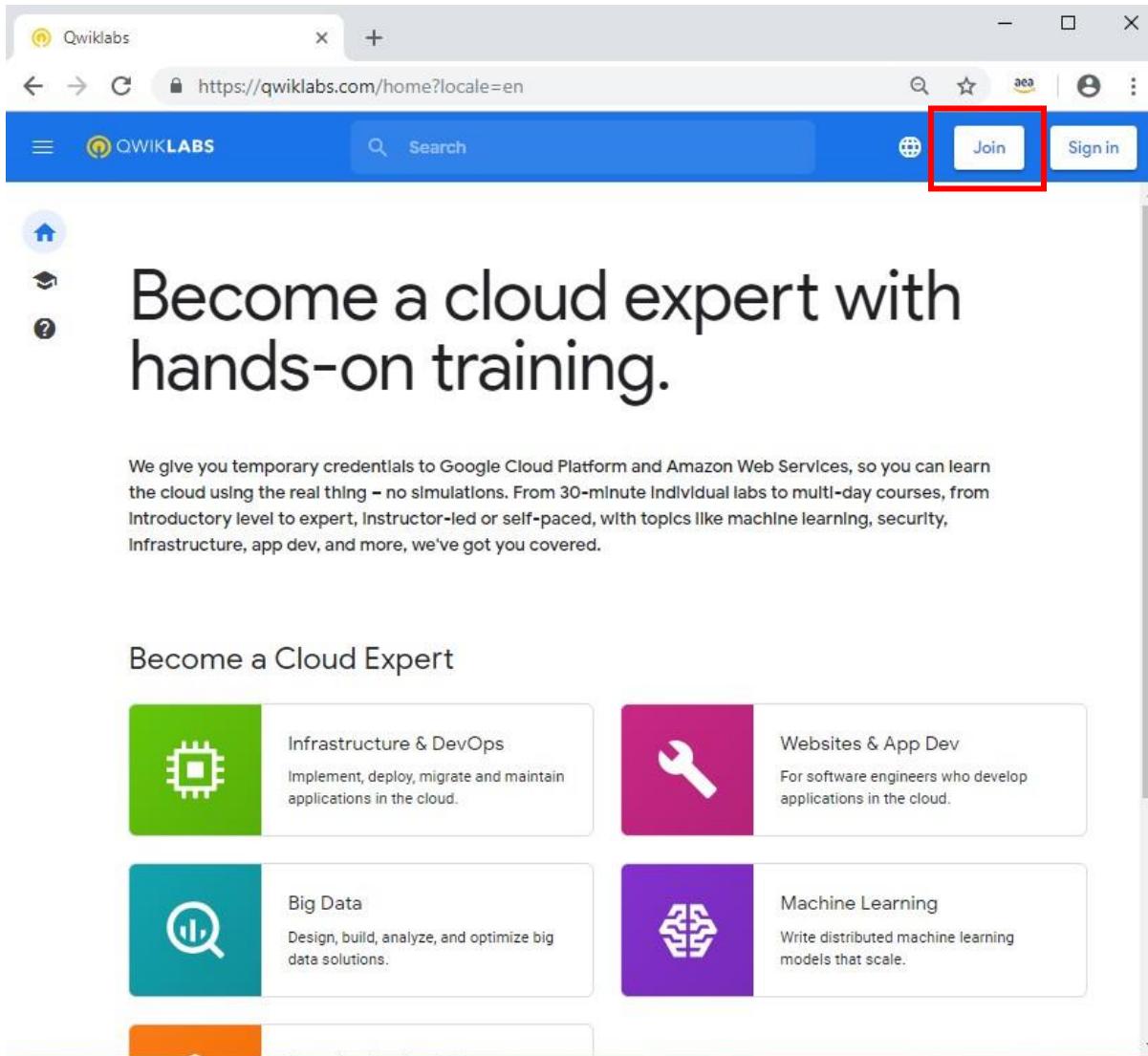


Navigate to amazon.qwiklabs.com

Using Qwiklabs requires a valid e-mail address to get started.

1. If you are new to Qwiklabs click **Join** from the top right of the home page.



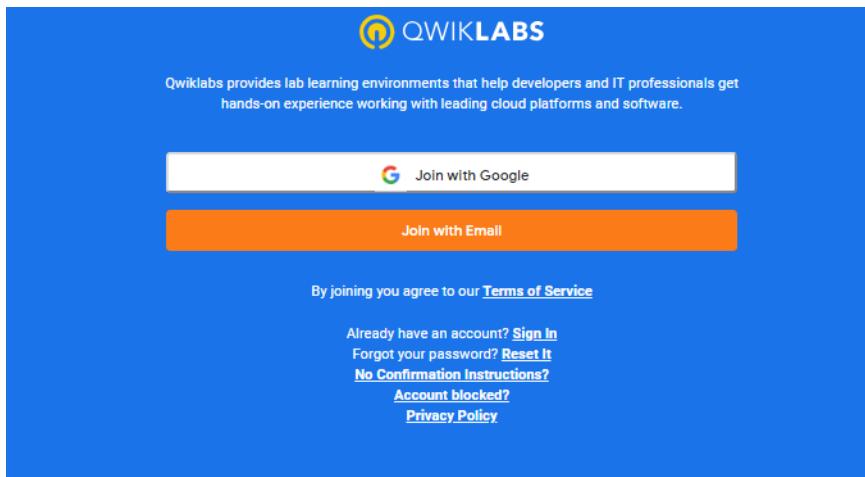
The screenshot shows the Qwiklabs home page. At the top, there is a navigation bar with a logo, a search bar, and two buttons: 'Join' and 'Sign in'. The 'Join' button is highlighted with a red box. Below the navigation bar, there is a large heading 'Become a cloud expert with hands-on training.' followed by a descriptive text about the services offered. At the bottom, there is a section titled 'Become a Cloud Expert' with four categories: 'Infrastructure & DevOps', 'Websites & App Dev', 'Big Data', and 'Machine Learning', each with a corresponding icon and a brief description.

We give you temporary credentials to Google Cloud Platform and Amazon Web Services, so you can learn the cloud using the real thing – no simulations. From 30-minute individual labs to multi-day courses, from introductory level to expert, instructor-led or self-paced, with topics like machine learning, security, infrastructure, app dev, and more, we've got you covered.

Become a Cloud Expert

 Infrastructure & DevOps Implement, deploy, migrate and maintain applications in the cloud.	 Websites & App Dev For software engineers who develop applications in the cloud.
 Big Data Design, build, analyze, and optimize big data solutions.	 Machine Learning Write distributed machine learning models that scale.

2. You are prompted to either join with an email address or a Google account.



3. If you choose **Join with Email** you must complete the form below and QwikLabs will send credentials to your email account where you must activate your account. Once that is done, you can return to Qwiklabs to sign in with your new user account. If you choose **Join with Google** you will be authenticated using your Google credentials.

A screenshot of the QwikLabs 'Join' page. The page has a blue header with the QwikLabs logo and a brief description: "Qwiklabs provides lab learning environments that help developers and IT professionals get hands-on experience working with leading cloud platforms and software." Below this is a large yellow 'Join' button. The main form area has several input fields: "First Name" (with placeholder "I"), "Last Name" (empty), "E-mail" (empty), "Company Name" (empty), "Password" (empty), "Password Confirmation" (empty), and a "reCAPTCHA" field with the text "I'm not a robot" and the reCAPTCHA logo. At the bottom is a blue 'Create a New Account' button. A note at the bottom of the page states: "By joining you agree to our [Terms of Service](#)".

4. Return to the Qwiklabs.com homepage and once you sign-on, the home page will display a welcome screen featuring your name.

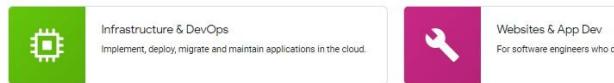
Welcome, Curtis!

We give you temporary credentials to Google Cloud Platform and Amazon Web Services, so you can learn the cloud using the real thing – no simulations. From 30-minute individual labs to multi-day courses, from introductory level to expert, instructor-led or self-paced, with topics like machine learning, security, infrastructure, app dev, and more, we've got you covered.

In Progress



Become a Cloud Expert



5. To view the entire catalog of self-paced labs, click **Catalog** from the left menu. A catalog search button is also available at the bottom of the page.

A screenshot of the Qwiklabs Catalog page. At the top, there is a blue header bar with the Qwiklabs logo and a search bar. On the left, a sidebar menu is open, showing "Home" (selected), "Catalog" (highlighted with a red box), "My Learning", and "Help". The main content area features a large "Welcome, Curtis!" message. Below it is a brief description of the service. Further down, there is an "In Progress" section with a thumbnail for the "Solutions Architect - Associate" lab, which is identical to the one shown on the homepage.

6. On the Catalog page, you can filter by several attributes including displaying free labs only. Choose a lab and click the link to begin.

11 results

Sort by: Relevance

- HANDS-ON LAB
♡ [S3: Multi-region Storage Backup with Cross-Region Replication](#)
This lab walks you through the process of enabling Cross-Region Replication on an S3 bucket. You will create source and destination buckets, enable versioning, then create various replication policies to demonstrate different methods of replicating objects.
 1h Free
- HANDS-ON LAB
♡ [Introduction to Amazon DynamoDB](#)
This lab teaches you about Amazon DynamoDB and walks you through how to create, query, view and delete a table in the AWS Management Console. For a demonstration, go to: <https://www.youtube.com/watch?v=uJWV3-m1pLo> For the lab to function as written, please DO NOT change the auto assigned region.
 40m Introductory Free 
- HANDS-ON LAB
♡ [Introduction to Amazon Simple Storage Service \(S3\)](#)
This lab demonstrates how to use an Amazon S3 bucket and manage files, or object, that are stored in the bucket. You will practice how to create a bucket, add an object, view an object, move an object, and delete an object and bucket in the AWS Management Console.
 1h Introductory Free 
- HANDS-ON LAB
♡ [Introduction to AWS Identity and Access Management \(IAM\)](#)
This lab shows you how to manage access and permissions to your AWS services using AWS Identity and Access Management (IAM). Practice the steps to add users to groups, manage passwords, log in with IAM-created users, and see the effects of IAM policies on access to specific services.
 45m Introductory Free 

Filter

Format (1) 

Any format
 Hands-On Lab
 Quest 
 Course

Level 

Duration 

Price (1) 

Any price
 Free
 1-5 credits
 6-10 credits
 11-25 credits
 More than 25 credits

Modality 

Language 

7. Once you choose a lab, the lab page will display an overview of the lab and the time allotted before it shuts down automatically. You can also scroll through the lab guide to read through all of the instructions.

← Introduction to AWS Lambda

Open Console

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. [Learn more](#).

Start Lab 00:45:00

Introduction to AWS Lambda

45 minutes Free ★★★★ Rate Lab

aws training and certification

SPL-88 Version 2.2.10

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Other questions? Contact us at <https://aws.amazon.com/contact-us/aws-training/>

Overview

- Start Lab
- Scenario
- Task 1: Create the Amazon S3 Buckets
- Task 2: Create an AWS Lambda Function
- Task 3: Test Your Function
- Task 4: Monitoring and Logging
- Conclusion
- End Lab

8. Click **Start Lab** to begin the lab and Qwiklabs loads the AWS resources in the background. Depending on the lab, you may see a progress bar tracking the loading time.

← Introduction to AWS Lambda

Open Console

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. [Learn more](#).

00:44:37

Start Lab End Lab

Introduction to AWS Lambda

45 minutes Free ★★★★ Rate Lab

aws training and certification

SPL-88 Version 2.2.10

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9. Before clicking **Open Console** make sure you have signed out of your personal AWS account. Click **Open Console** to launch the AWS console in a new browser tab which generates a temporary aws account.

← Introduction to AWS Lambda

Open Console

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. [Learn more](#).

00:44:37

Introduction to AWS Lambda

45 minutes Free ★★★★ Rate Lab

aws training and certification

SPL-88 Version 2.2.10

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- Conclusion
- End Lab

AWS Services ▾ Resource Groups ▾ *

awsstudent @ 2121-4357-49... Oregon ▾ Support ▾

AWS Management Console

AWS services

Find Services
You can enter names, keywords or acronyms.
Example: Relational Database Service, database, RDS

▼ Recently visited services
S3

▶ All services

Build a solution

Get started with simple wizards and automated workflows.

Launch a virtual machine With EC2 2-3 minutes 	Build a web app With Elastic Beanstalk 6 minutes 	Build using virtual servers With Lightsail 1-2 minutes 	Connect an IoT device With AWS IoT 5 minutes
Start a development project With CodeStar 5 minutes 	Register a domain With Route 53 3 minutes 	Deploy a serverless microservice With Lambda, API Gateway 2 minutes 	Create a backend for your mobile app With Mobile Hub 5 minutes

Access resources on the go

Access the Management Console using the AWS Console Mobile App. [Learn more](#)

Explore AWS

Run Serverless Containers with AWS Fargate
AWS Fargate runs and scales your containers without having to manage servers or clusters. [Learn more](#)

Amazon SageMaker
Machine learning for every developer and data scientist. [Learn more](#)

AWS Marketplace
Find, buy, and deploy popular software products that run on AWS. [Learn more](#)

Open Distro for Elasticsearch
A 100% open-source, community driven distribution of Elasticsearch with enterprise-grade security and alerting features. [Learn more](#)

10. Read and follow the step-by-step instructions carefully as you perform your lab tasks within the AWS console. Often, users run into problems by simply not reading carefully.

Task 1: Create the Amazon S3 Buckets

In this task, you will create two Amazon S3 buckets -- one for input and one for output.

3. In the **AWS Management Console**, on the **Services** menu, click **S3**.

4. Click **+Create bucket** then configure:

- Bucket name: **images-NUMBER**
- Replace **NUMBER** with a random number
- Copy the name of your bucket to a text editor
- Click **Create**

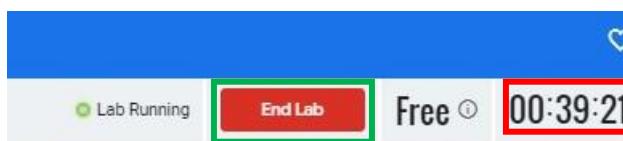
Every bucket in Amazon S3 requires a unique name such as *images-34523452345*.

► If you receive an error stating **The requested bucket name is not available**, then click the first **Edit** link, change the bucket name and try again until it works.

You will now create another bucket for output.

5. Click **+Create bucket** then configure:

11. Once the student has finished all lab tasks click the **End Lab** button. This will delete all AWS resources. If the allotted time runs out before the student has completed their lab, the lab will shut down and delete all resources and accounts.



Amazon S3 Buckets

3 buckets -- one for input and

Services menu, click S3.

Overview

Start Lab

Scenario

Task 1: Create the Amazon S3 Buckets

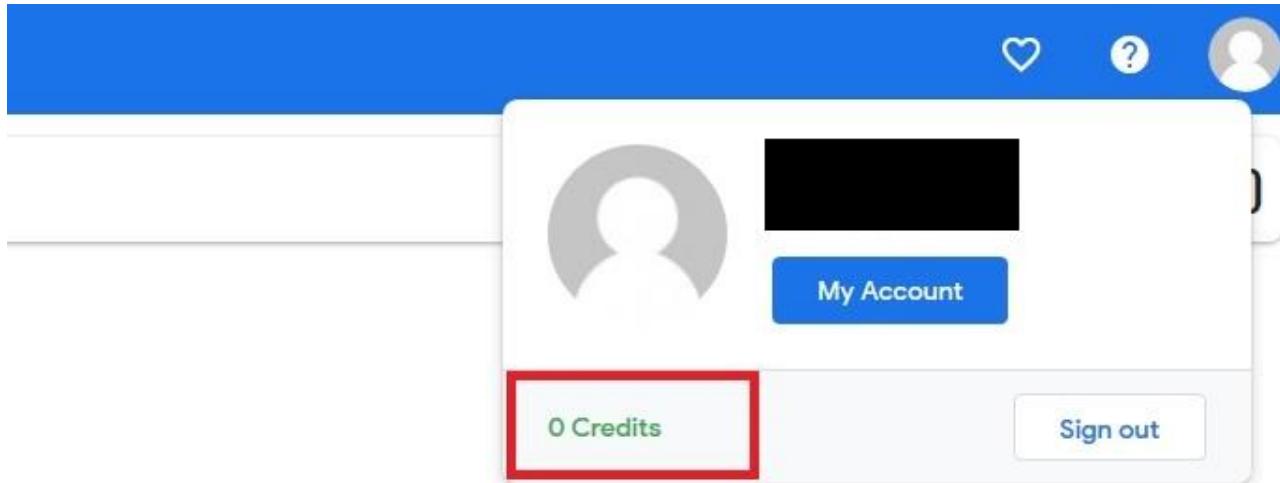
Task 2: Create an AWS Lambda Function

Task 3: Test Your Function

Task 4: Monitoring and Logging

Conclusion

12. That's it. Labs that are not free require credits. A student can buy credits by clicking on their account settings in the top right corner.



A screenshot of a web-based "Credits & Subscriptions" section. At the top, there are three navigation tabs: "Credits & Subscriptions" (which is selected and highlighted in blue), "Profile Info", and "Security". Below the tabs, the main content area has a title "Credits & Subscriptions". In the center, there is a message "You have 0 Credits" next to a cloud icon. To the right of this message is a blue button labeled "Buy Credits or Subscription", which is also highlighted with a red rectangular border. At the bottom of the page, there is a "Payment History" section with columns for Date, Item Purchased, Price, and Expiring. There is also a link "Share Your Credits with Friends".