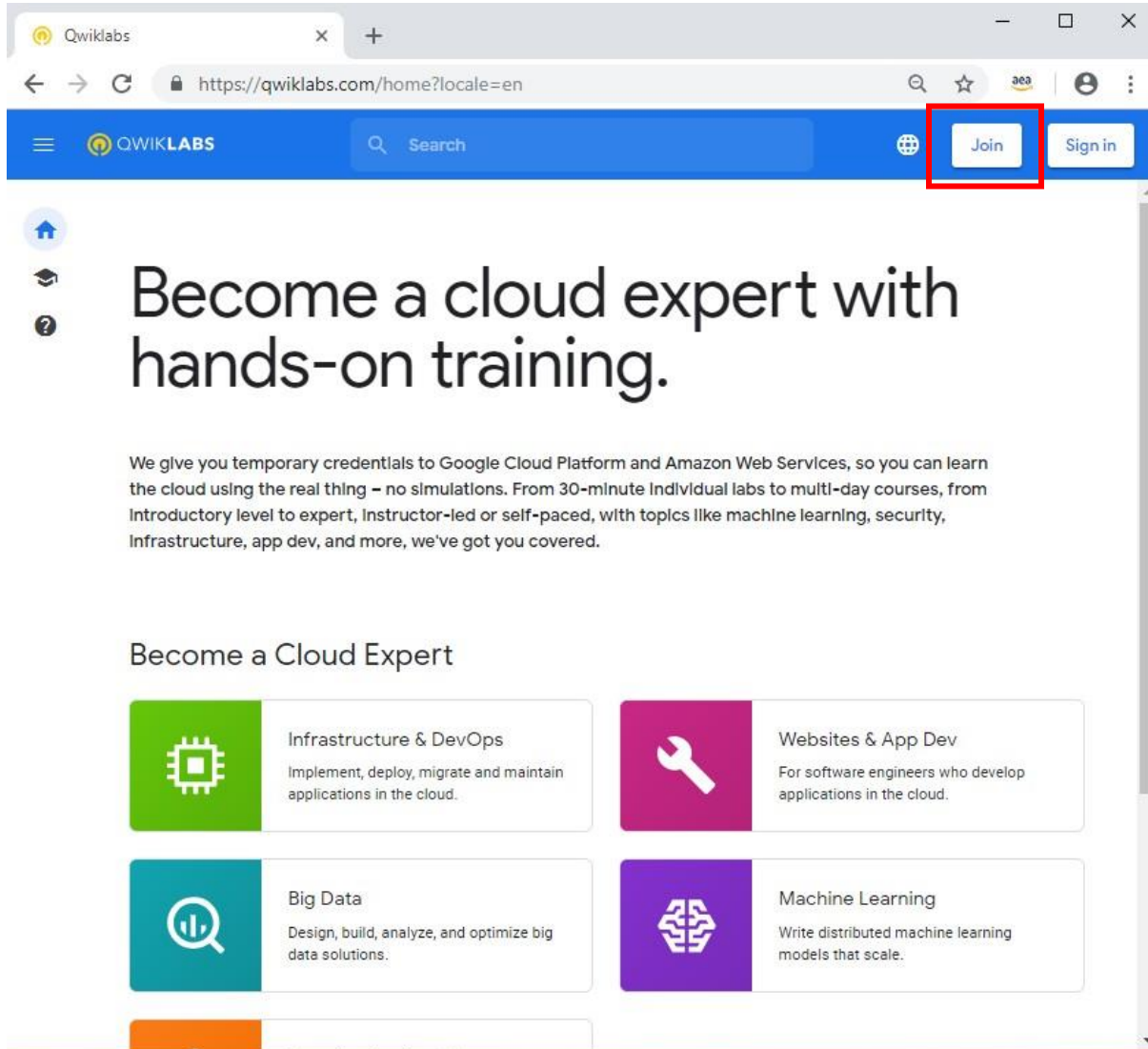


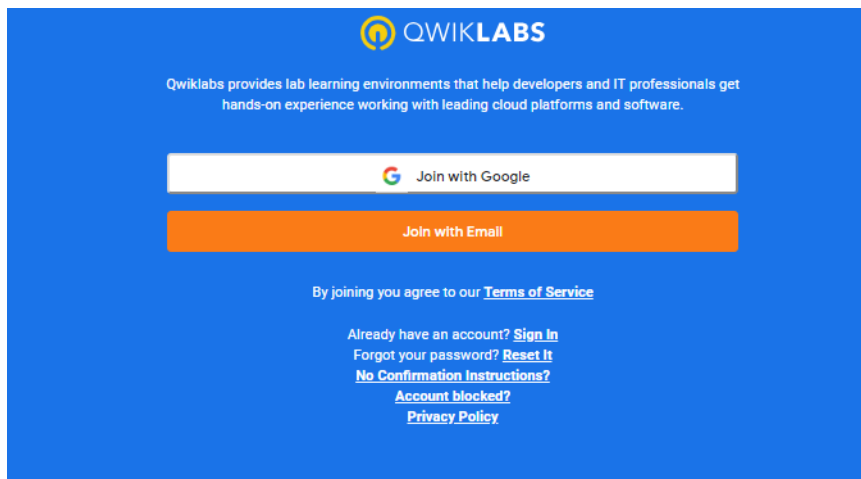
Navigate to [amazon.qwiklabs.com](https://qwiklabs.com)

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.

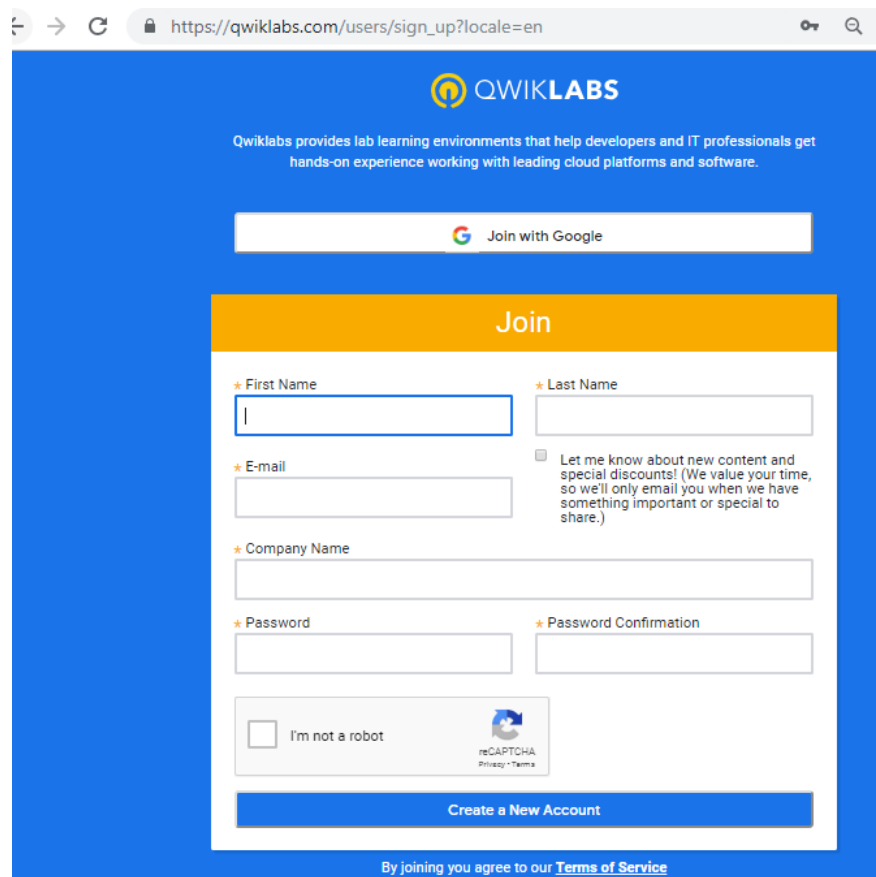


2. You are prompted to either join with an email address or a Google account.



The image shows the QwikLabs sign-up page. At the top is the QwikLabs logo. Below it is a description: "Qwiklabs provides lab learning environments that help developers and IT professionals get hands-on experience working with leading cloud platforms and software." There are two main buttons: "Join with Google" (white with a Google logo) and "Join with Email" (orange). Below these buttons, there is a link to "Terms of Service". At the bottom, there are links for "Already have an account? Sign In", "Forgot your password? Reset It", "No Confirmation Instructions?", "Account blocked?", and "Privacy Policy".

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.



The image shows the QwikLabs sign-up form. At the top is the QwikLabs logo. Below it is a description: "Qwiklabs provides lab learning environments that help developers and IT professionals get hands-on experience working with leading cloud platforms and software." There is a "Join with Google" button. Below that is a "Join" section with a yellow header. The form fields are: "First Name", "Last Name", "E-mail", "Company Name", "Password", and "Password Confirmation". There is a checkbox for "Let me know about new content and special discounts! (We value your time, so we'll only email you when we have something important or special to share.)". At the bottom of the form is a reCAPTCHA widget with the text "I'm not a robot" and a "Create a New Account" button. Below the form is a link to "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



QUEST

#### Solutions Architect - Associate

Achieving AWS Certification requires hands-on experience. This quest helps you get hands-on practice with several key services as you prepare for the AWS Certified Solutions Architect - Associate Exam. Visit AWS

### Become a Cloud Expert

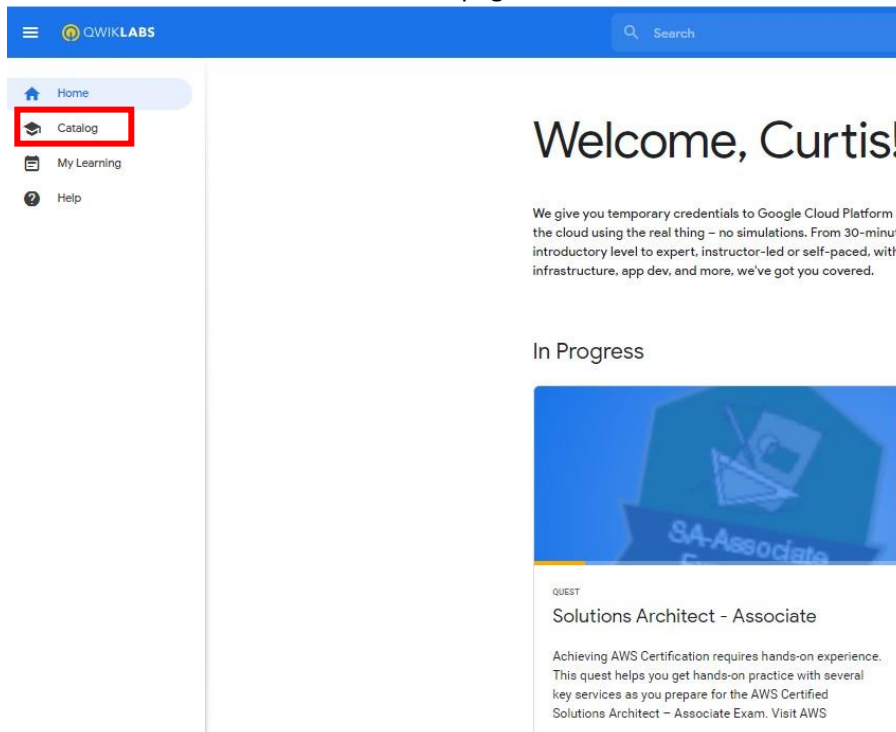


Infrastructure & DevOps  
Implement, deploy, migrate and maintain applications in the cloud.



Websites & App Dev  
For software engineers who dev

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.



The screenshot shows the Qwiklabs homepage with a blue header bar containing the Qwiklabs logo and a search bar. On the left, a navigation menu lists 'Home', 'Catalog' (highlighted with a red box), 'My Learning', and 'Help'. The main content area displays a 'Welcome, Curtis!' message, followed by a brief description of the platform's offerings. Below this, an 'In Progress' section features a card for the 'Solutions Architect - Associate' quest, which includes a description of the quest's purpose and a link to visit AWS.

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 ▾

 training and certification

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.

The screenshot shows the 'Introduction to AWS Lambda' lab page. At the top, there's a blue header with a back arrow, the title 'Introduction to AWS Lambda', and icons for heart, info, and user. Below the header, on the left, is a box with 'Open Console' and a caution note. The main content area has the title 'Introduction to AWS Lambda' in large font. Below it, it says '45 minutes Free' with a star rating and a 'Rate Lab' link. The AWS training and certification logo is present. Below that, it says 'SPL-88 Version 2.2.10' and a copyright notice. At the bottom, there are links for feedback and contact. On the right, there's a red-bordered box containing an 'Overview' section with links: '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', and 'End Lab'. In the top right corner, there is a green 'Start Lab' button and a timer showing '00:45:00'.

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.

This screenshot shows the same lab page as the previous one, but now with a green progress bar at the top. The 'Start Lab' button has changed to a red 'End Lab' button. The timer now shows '00:44:37'. The rest of the page content, including the title, description, and overview sidebar, remains the same.

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.

The image shows two screenshots from a training lab. The top screenshot is the 'Introduction to AWS Lambda' lab page. It features a blue header with a back arrow and the title 'Introduction to AWS Lambda'. On the left, a red-bordered box highlights an 'Open Console' button with a caution note: '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.' The main content area has the title 'Introduction to AWS Lambda' and 'aws training and certification' logo. It includes a timer '45 minutes', a 'Free' label, and a 'Rate Lab' button. Below this is the 'SPL-88 Version 2.2.10' and a copyright notice for Amazon Web Services, Inc. An 'Overview' sidebar on the right lists tasks: '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', and 'End Lab'. The bottom screenshot is the 'AWS Management Console' homepage. It has a dark blue header with the AWS logo, 'Services', 'Resource Groups', and a user profile 'awsstudent @ 2121-4357-49'. The main content area is divided into sections: 'AWS services' with a search bar and 'Recently visited services' (showing S3); 'Build a solution' with a grid of quick-start options like 'Launch a virtual machine', 'Build a web app', 'Build using virtual servers', 'Connect an IoT device', 'Start a development project', 'Register a domain', 'Deploy a serverless microservice', and 'Create a backend for your mobile app'; and 'Access resources on the go' with a link to the AWS Console Mobile App. The right sidebar contains 'Explore AWS' with links to 'Run Serverless Containers with AWS Fargate', 'Amazon SageMaker', 'AWS Marketplace', and 'Open Distro for Elasticsearch'.

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.](#)

# 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

Services Resource Groups

## AWS Management Console

**AWS services**

**Find Services**  
You can enter names, keywords or acronyms.

**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](#)

**aws** training and certification

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**

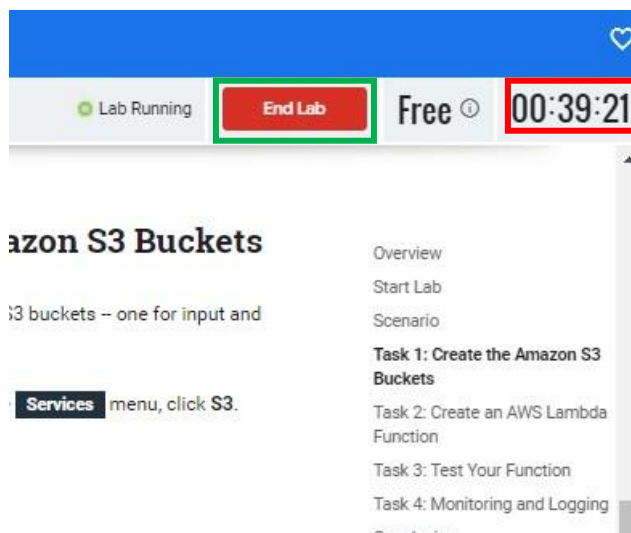
Every bucket in Amazon S3 requires a unique name such as *images-34523452345*.

💡 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.



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.

