AWS Academy Learner Lab

Student Guide

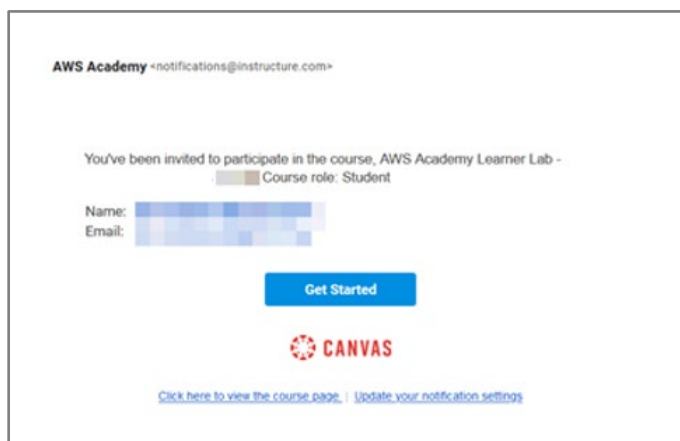CONFIDENTIAL – DO NOT DISTRIBUTE

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Introduction

This guide provides instructions for how to use AWS Academy Learner Labs. This guide covers setting up and logging in to your AWS Academy account, accessing a Learner Lab, and using a Learner Lab.

Setting up and logging in to your AWS Academy account

1. To set up your AWS Academy account, open your email invitation from AWS Academy (notifications@instructure.com) and choose **Get Started**.

   Note: If you don't see the email, check your junk, spam, or promotional mail folder.

2. Go to https://www.awsacademy.com/LMS_Login.

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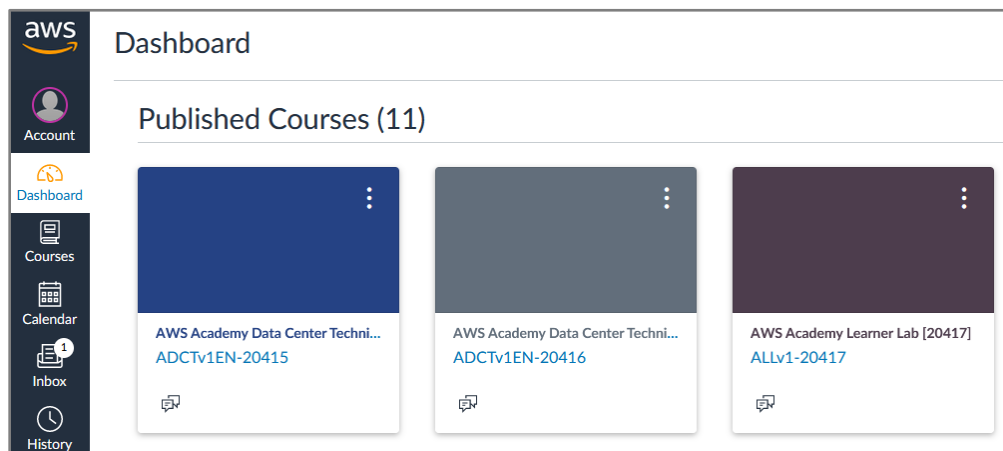CONFIDENTIAL – DO NOT DISTRIBUTE

3. Choose **Student Login**, and log in with your email address and password.

    Note: Use the email address that received the email invitation from AWS Academy.

Accessing a Learner Lab

1. From the LMS dashboard, choose the Learner Lab that you want to access. **Note:** If you have been invited to more than one course or Learer Lab, you will see multiple tiles on the dashboard.
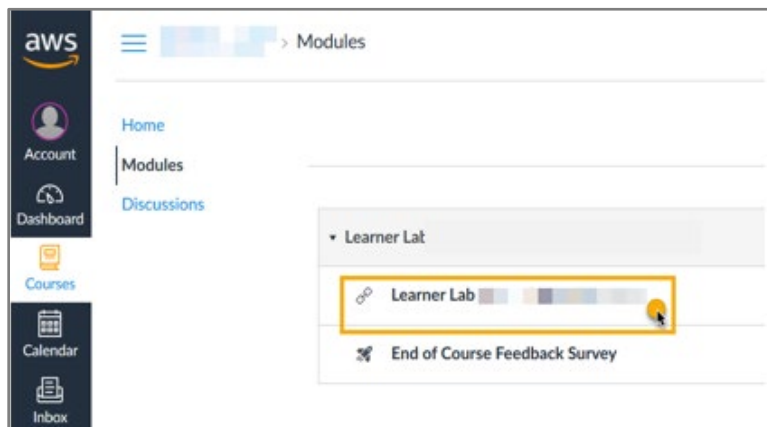
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2. In the navigation menu, choose **Modules.**
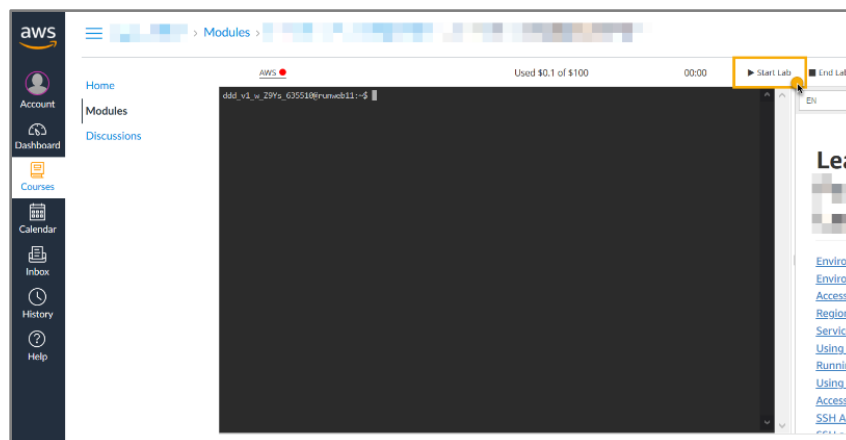

3. Choose the Learner Lab link.

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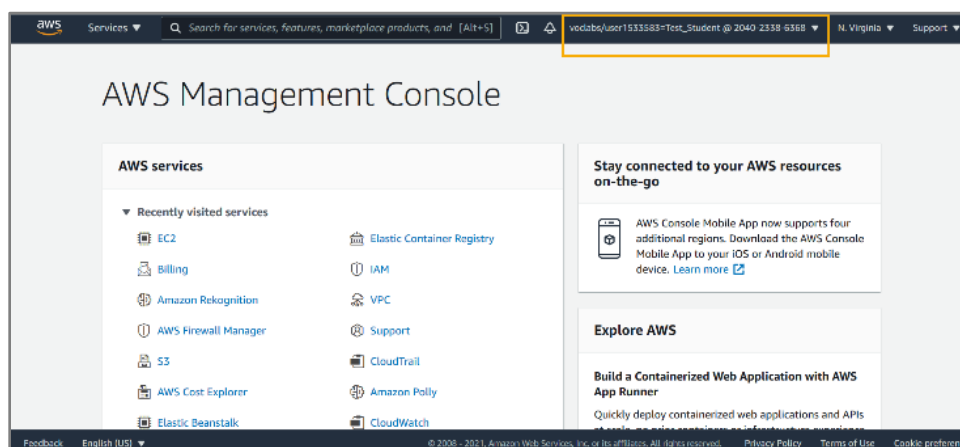CONFIDENTIAL – DO NOT DISTRIBUTE

Using a Learner Lab

1. To start the lab, choose **Start Lab**.

2. When the circle icon to the right of the AWS link in the upper-left corner turns green, the lab environment is ready to use. To launch the AWS Management Console in a new tab, choose the **AWS** link.

   You are logged in to the console with a temporary AWS account, which you can use as long as the lab session timer is active. The system will save your work when you end the session or the session timer expires.
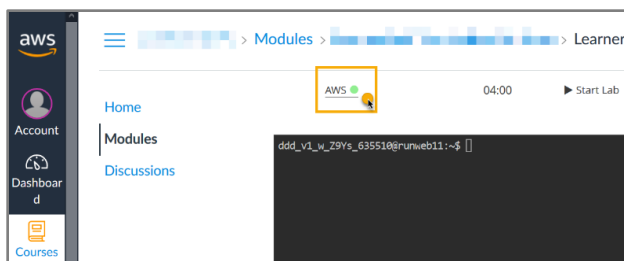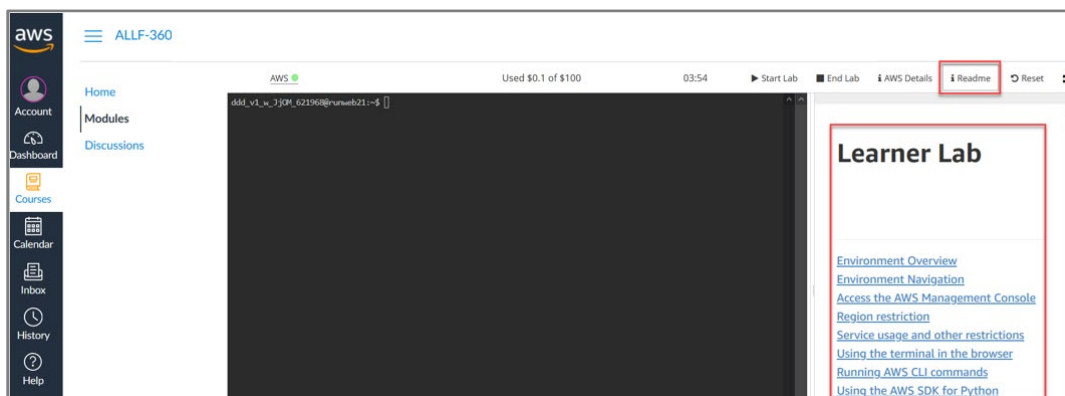
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Alternatively, you can use the terminal pane on the lab instructions pane to use the AWS Command Line Interface (AWS CLI) to interact with the temporary AWS account.
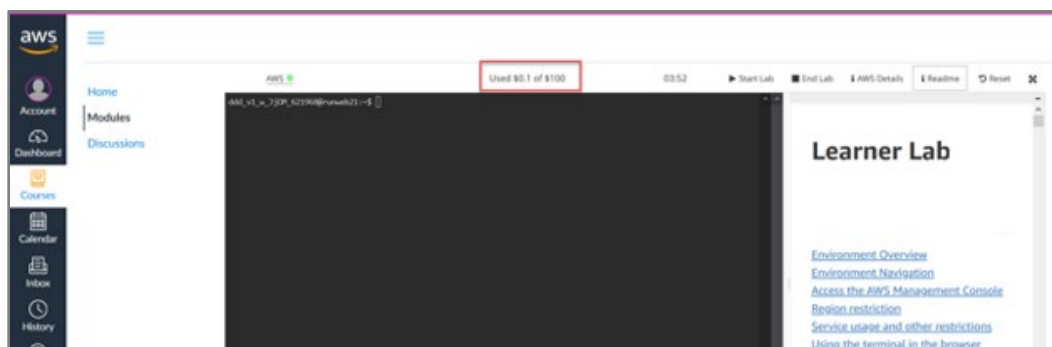

3. To see the lab instructions, return to the LMS and choose **Readme**.

   The instructions explain how to access and use your AWS account, the AWS services that are available to you, and the restrictions placed on some AWS services.

4. To monitor spending, see the area at the top of the lab instructions. **Note:** This information is provided by the AWS Budgets service and might be delayed by up to 8 hours. This is an approximate view of spending.

   Note: If you spend the entire budget, you will lose all of your work, and the system will deactivate your temporary AWS account. Your $100 budget is sufficient for most academic projects, as long as you take care to stay within the budget guidelines.
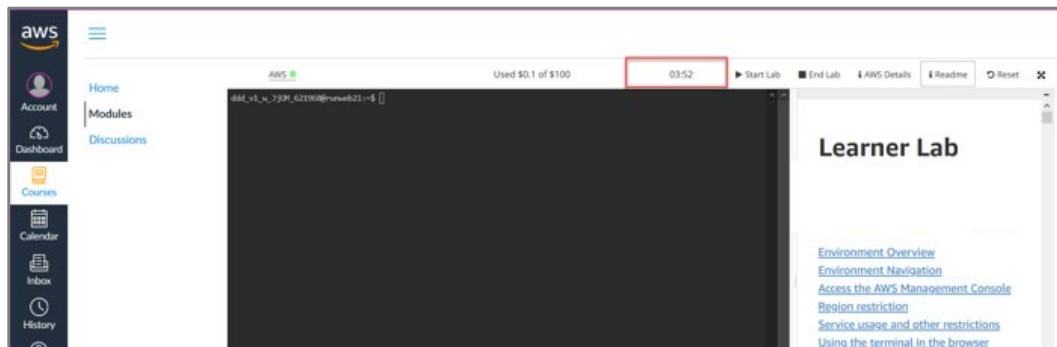
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5. To monitor your remaining session time, see the area at the top of the lab instructions. **Note:** If you are actively working and need more time, choose **Start Lab** again to reset your session timer.

6. *To delete all resources that you have configured in a lab and start with a fresh AWS account, choose* **Reset**. **Important: All work will be lost and cannot be recovered.**

   This option will not reset your budget. Any spending that you have incurred will continue to be tracked.

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7. When you are finished with the session, choose **End Lab**.

   Any running Amazon Elastic Compute Cloud (Amazon EC2) instances will be stopped. If you return and restart the lab, any stopped EC2 instances will restart and any other resources that you configured will still be available.

   Important: If you created and started other AWS resources such as a NAT gateway or Amazon Relational Database Service (Amazon RDS) database, those resources will continue to run in the background and incur charges, even outside of your lab session time.

Need help?

AWS Academy Learner Labs provide a long-running sandbox environment for you to explore AWS services. Your instructor might provide you with a specific assignment, or you might work on a project of your own.

If you have questions about how to use AWS services, choose the **Help** option in the LMS, and then choose **Ask Your Educator A Question**.

If the lab environment is not working as you expect, choose the **Help** option in the LMS, and then choose **Student Support Contact Form**.