

AWS Academy

Mr. Poole

Open a browser

Suggested not to use Safari



First time?

Check your email

Course Invitation ➡ Inbox x

AWS Academy <notifications@instructure.com>
to me ▼

You've been invited to participate in a class at **AWS Academy**. The class is called **AWS Academy** Learner Lab - Foundation Services [5329]. Course role: Student

Name: **Jacob Poole Test**

Email:

Username: **none**

You'll need to register with Canvas before you can participate in the class.

[Get Started](#)



Create an account

This is not a Canvas account




Welcome Aboard!

You've been invited to join **AWS Academy Learner Lab - Foundation Services [5589]**. To accept this request you need a Canvas account. Click the link below to create a Canvas account.

[I Have a Canvas Account](#)

[Create My Account](#)

Fill out details and Create Account

 CANVAS

Welcome Aboard!

In order to finish signing you up for the course **AWS Academy Learner Lab - Foundation Services [5589]**, we'll need a little more information.

Login:

Password:

Time Zone:

☐ Yes, I'd like Canvas to provide my contact information to [Amazon Web Services\(AWS\)](#) so AWS can share the latest news about AWS services and related offerings with me by email, post or telephone.

You may unsubscribe from receiving AWS news and offers from at any time by following the instructions in the communications received. AWS handles your information as described in the [AWS Privacy Notice](#). Providing Canvas with your information may involve transferring it to another country. For questions about how Canvas will handle your information, please contact Canvas directly or refer to its privacy policy.

☒ I agree to the Canvas [Instructure Acceptable Use Policy](#) and to the [AWS Learner Terms and Conditions](#) The information you provide will be handled by AWS as described in the [AWS Privacy Notice](#).

Already set up account?

Head to: <https://awsacademy.instructure.com/>



Select “Student Login”




Student Login

(For students enrolled in a class)

学生の方はこちらからログインしてください。

已注册课程的学生请在这里登录

Once logged in select “Modules”


Account
Dashboard
Courses
Calendar
Inbox
History
Help

≡ ALLFv1-5589

Home
Modules
Discussions

AWS Academy Learner Lab - Foundation Services [5589]


Hi Everyone!

This is just a brief description of where to go to access Cloud9 which is what we'll be using to code!


From your home page, under courses, click Modules. Here you should find the "Learner Lab - Foundation Services". From here we will be using this lab to access Cloud9.

Click "Start Lab" and wait a second for it to load.

In the top left hand corner of the screen, you should see "AWS" with a green dot next to it. Click on this and that will take you to your AWS dashboard. *If the AWS dot is red, make sure you've started the lab.



Under AWS services, expand the services and look for "Developer Tools". There should be Cloud9, you can now click on that.



View Course Stream

View Course Calendar

View Course Notifications

To Do

Nothing for now

Recent Feedback

Nothing for now

Select “Learner Lab- Foundational Services”

The screenshot displays the AWS Learner Lab interface. On the left is a dark blue sidebar with the AWS logo at the top, followed by icons and labels for Account, Dashboard, Courses, Calendar, Inbox, History, and Help. The main content area has a header with a hamburger menu icon, the text 'ALLFv1-5589 > Modules', and a list of navigation links: Home, Modules (which is underlined), and Discussions. Below the navigation links is a list of items under the heading 'Learner Lab Foundation Services'. The items are: 'Learner Lab - Student Guide.pdf', 'Learner Lab - Foundational Services' (which is highlighted with a red arrow), and 'End of Course Feedback Survey'.

aws

Account

Dashboard

Courses

Calendar

Inbox

History

Help

≡ ALLFv1-5589 > Modules

Home

Modules

Discussions

▼ Learner Lab Foundation Services

- Learner Lab - Student Guide.pdf
- Learner Lab - Foundational Services
- End of Course Feedback Survey

Accept “Terms and Conditions”

Please read the terms and conditions shown below and click on the "I agree" button at the bottom of this page to continue.

Terms and Conditions

Welcome to the Vocareum, Inc. ("Vocareum") website located at www.vocareum.com (the "Site"). Please read these Terms of Service (the "Terms") and our Privacy Policy (<http://www.vocareum.com/privacy-policy/>) carefully because they govern your use of our Site and our web-based education and learning platform. To make these Terms easier to read, the Site and our platform are collectively called the "Services."

Using the functionality of our Services, teachers can create, customize and administer educational courses and invite students to participate in a class taught and supervised by the teacher using the online tools provided by Vocareum. Subject to your compliance with these Terms, Vocareum will make the Services available to you solely for the purpose of your internal, non-commercial use.

Click “Start Lab”

ALLFv1-5589 > Modules > Learner Lab Foundation Ser... > Learner Lab - Foundational Services

[Home](#)
[Modules](#)
[Discussions](#)

AWS

▶ Start Lab ■ End Lab ⓘ AWS Details ⓘ Readme ↺ Reset ✕

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Learner Lab - Foundational Level

- [Environment Overview](#)
- [Environment Navigation](#)
- [Access the AWS Management Console](#)
- [Region restriction](#)
- [Service usage and other restrictions](#)
- [Running the terminal in the browser](#)
- [Running AWS CLI commands](#)
- [Running the AWS SDK for Python](#)
- [Preserving your budget](#)
- [Accessing EC2 Instance\(s\)](#)
- [SSH Access to EC2 Instances](#)
- [SSH Access from Windows](#)
- [SSH Access from a Mac](#)

Environment Overview

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First time takes a couple of minutes

Wait for this light to turn **Green**

≡ ALLFv1-5589 > Modules > Learner Lab Foundation Ser... > Learner Lab - Foundational Services

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AWS ●

Start Lab End Lab AWS Details Readme Reset

ddd...@runweb59241:~\$

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Environment Overview

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Once green, Click on “AWS”

≡ ALLFv1-5589 > Modules > Learner Lab Foundation Ser... > Learner Lab - Foundational Services

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AWS 

Used \$0 of \$100

03:57

▶ Start Lab

■ End Lab

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✖

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EN-US -

Learner Lab - Foundational Level

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Environment Overview

Find and click on Cloud9

aws Services [Alt+S]

All services

Services by category

Compute	Developer Tools	Machine Learning
EC2	CodeStar	Amazon SageMaker
Lightsail	CodeCommit	Amazon Augmented AI
Lambda	CodeArtifact	Amazon CodeGuru
Batch	CodeBuild	Amazon DevOps Guru
Elastic Beanstalk	CodeDeploy	Amazon Comprehend
Serverless App Repository	CodePipeline	Amazon Forecast
AWS Outposts	Cloud9	Amazon Fraud Detector
EC2 Image Builder	CloudShell	Amazon Kendra
AWS App Runner	X-Ray	Amazon Personalize
Containers	AWS FIS	Amazon Polly
		Amazon Rekognition

Time to create an **Environment**!

Developer Tools

AWS Cloud9

A cloud IDE for writing, running, and debugging code

AWS Cloud9 allows you to write, run, and debug your code with just a browser. With AWS Cloud9, you have immediate access to a rich code editor, integrated debugger, and built-in terminal. You can get started in minutes and no longer have to spend the time to install local development machine.

New AWS Cloud9 environment

Create environment

Create a **Title**, hit “Next step”

AWS Cloud9 > Environments > Create environment

Step 1
Name environment

Step 2
Configure settings

Step 3
Review

Name environment

Environment name and description

Name
The name needs to be unique per user. You can update it at any time in your environment settings.

Limit: 60 characters

Description - *Optional*
This will appear on your environment's card in your dashboard. You can update it at any time in your environment settings.

Write a short description for your environment

Limit: 200 characters

Cancel

Next step

Don't change any settings, hit **Next Step**

Step 1
Name environment

Step 2
Configure settings

Step 3
Review

Configure settings

Environment settings

Environment type [Info](#)

Run your environment in a new EC2 instance or an existing server. With EC2 instances, you can connect directly through Secure Shell (SSH) or connect via AWS Systems Manager (without opening inbound ports).

☒ Create a new EC2 instance for environment (direct access)

Launch a new instance in this region that your environment can access directly via SSH.

☐ Create a new no-ingress EC2 instance for environment (access via Systems Manager)

Launch a new instance in this region that your environment can access through Systems Manager.

☐ Create and run in remote server (SSH connection)

Configure the secure connection to the remote server for your environment.

Instance type

☒ t2.micro (1 GiB RAM + 1 vCPU)

Free-tier eligible. Ideal for educational users and exploration.

☐ t3.small (2 GiB RAM + 2 vCPU)

Recommended for small-sized web projects.

☐ m5.large (8 GiB RAM + 2 vCPU)

Recommended for production and general-purpose development.

☐ Other instance type

Select an instance type.

t3.nano

Platform

☒ Amazon Linux 2 (recommended)

☐ Amazon Linux AMI

☐ Ubuntu Server 18.04 LTS

Cost-saving setting

Choose a predetermined amount of time to auto-hibernate your environment and prevent unnecessary charges. We recommend a hibernation settings of half an hour of no activity to maximize savings.

After 30 minutes (default)

IAM role

AWS Cloud9 creates a service-linked role for you. This allows AWS Cloud9 to call other AWS services on your behalf. You can delete the role from the AWS IAM console once you no longer have any AWS Cloud9 environments. [Learn more](#)

AWSServiceRoleForAWSCloud9

► Network settings (advanced)

No tags associated with the resource.

Add new tag

You can add 50 more tags.

Cancel

Previous step

Next step

Just Create Environment

AWS Cloud9 > Environments > Create environment

Step 1
Name environment

Step 2
Configure settings

Step 3
Review

Review

Environment name and settings

Name
AP Computer Science

Description
No description provided

Environment type
EC2

Instance type
t2.micro

Subnet

Platform
Amazon Linux 2 (recommended)

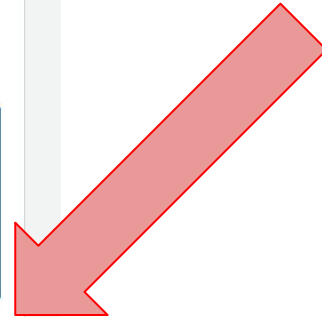
Cost-saving settings
After 30 minutes (default)

IAM role
AWSServiceRoleForAWSCloud9 (generated)

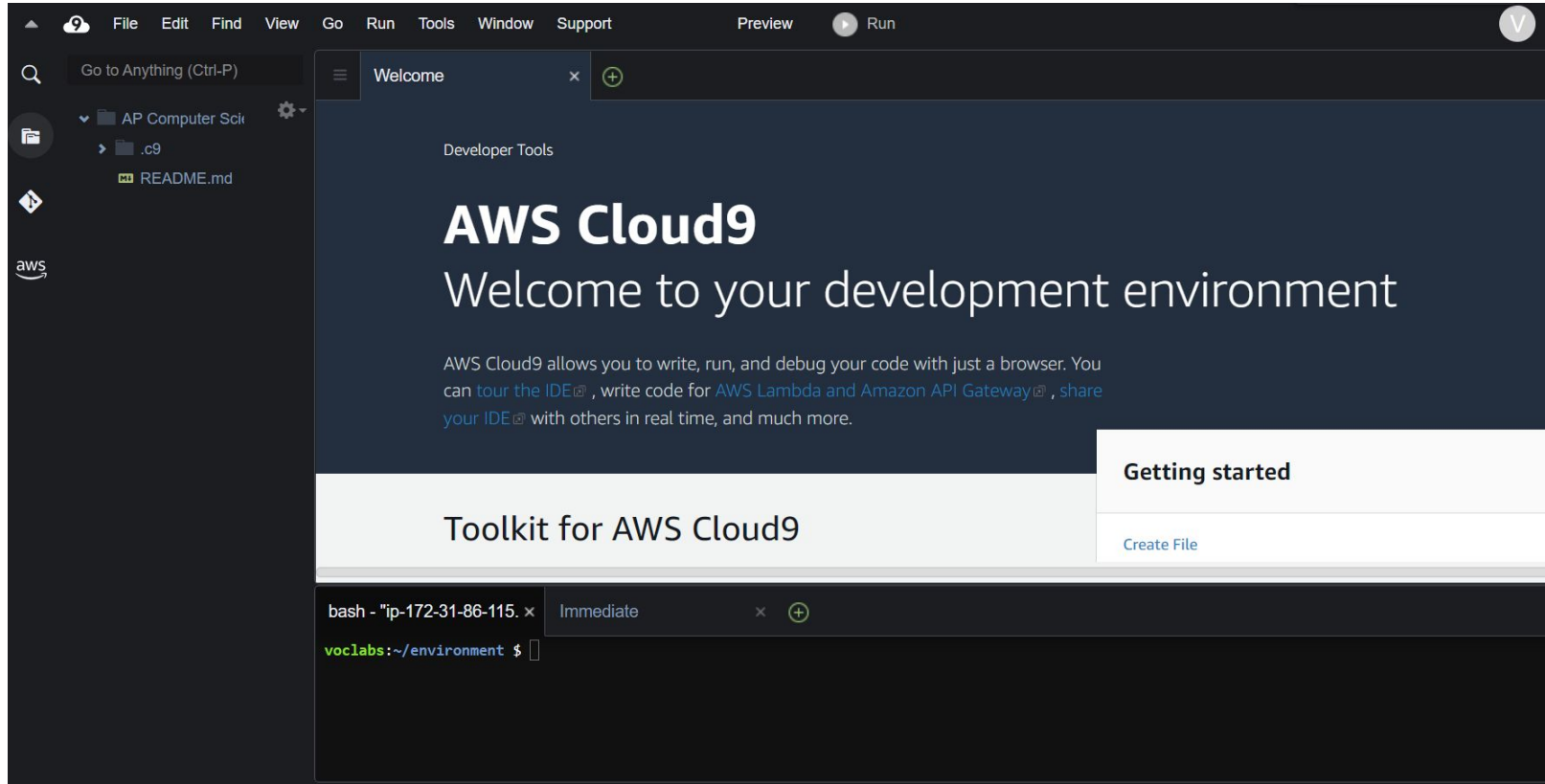
i We recommend the following best practices for using your AWS Cloud9 environment

- Use **source control and backup** your environment frequently. AWS Cloud9 does not perform automatic backups.
- Perform regular **updates of software** on your environment. AWS Cloud9 does not perform automatic updates on your behalf.
- **Turn on AWS CloudTrail in your AWS account** to track activity in your environment. [Learn more](#)
- Only share your environment with **trusted users**. Sharing your environment may put your AWS access credentials at risk. [Learn more](#)

Cancel Previous step **Create environment**

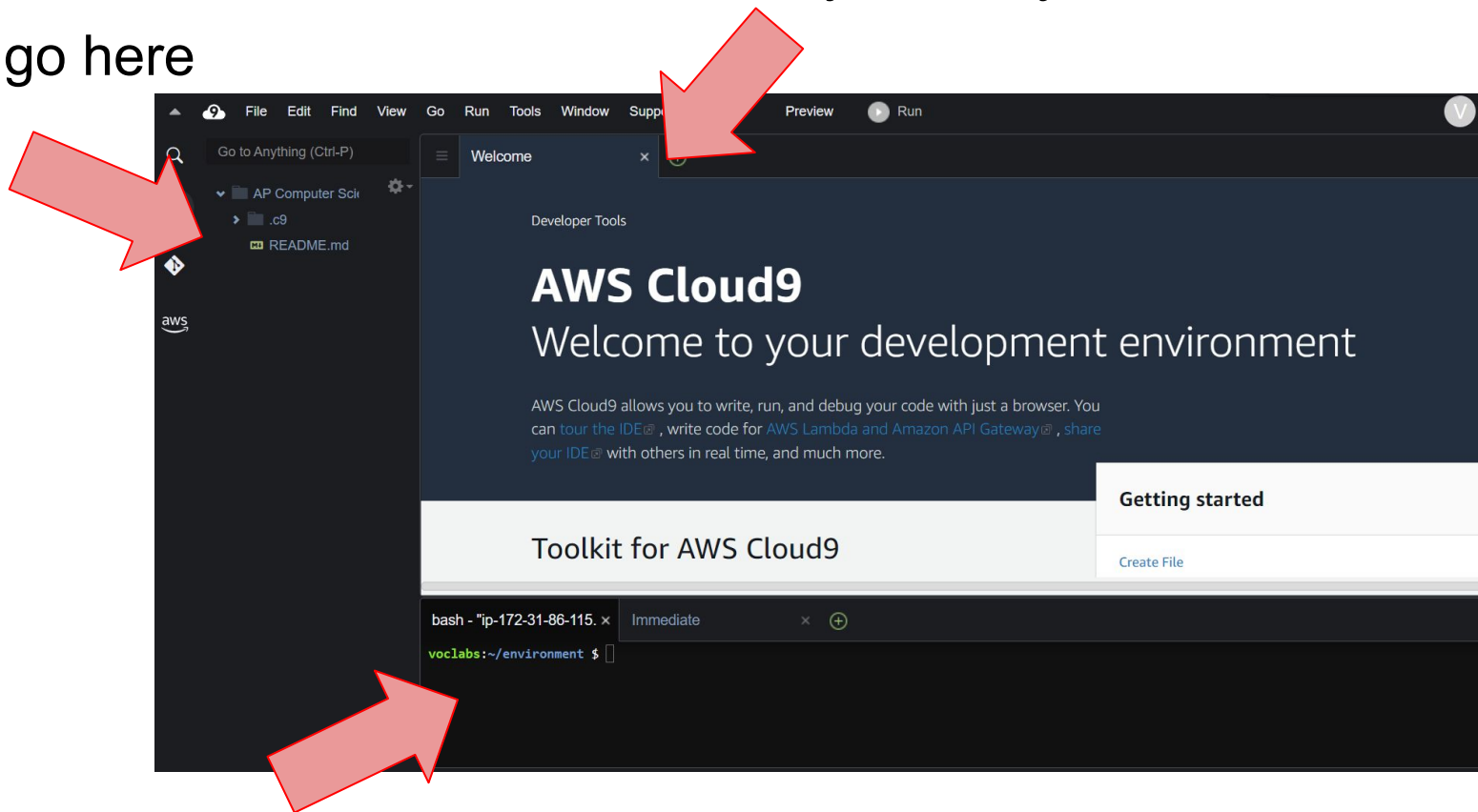


Welcome to your environment!



Where you edit your file!

Files go here



Your terminal for running code and using git

