

Adv devops 1

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 with preconfigured AWS CLI. You can get started in minutes and no longer have to spend the time to install local applications or configure your development machine.

New AWS Cloud9 environment

Create environment

How it works

Create an AWS Cloud9 development environment on a new Amazon EC2 instance or connect it to your own Linux server through SSH. Once you've created an AWS Cloud9 environment, you will have immediate access to a rich code editor, integrated debugger, and built-in terminal with pre-configured AWS CLI – all within your browser.

Using the AWS Cloud9 dashboard, you can create and switch between many different AWS Cloud9 environments, each one containing the custom tools, runtimes, and files for a specific project.

Getting started

- [Before you start](#) (2 min read)
- [Create an environment](#) (2 min read)
- [Working with environments](#) (15 min read)
- [Working with the IDE](#) (10 min read)

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[AWS Cloud9](#) > [Environments](#) > Create environment

Create environment [Info](#)

Details

Name

Harshit-lab1

Limit of 60 characters, alphanumeric, and unique per user.

Description - optional

Limit 200 characters.

Environment type [Info](#)

Determines what the Cloud9 IDE will run on.

☒ **New EC2 instance**

Cloud9 creates an EC2 instance in your account. The configuration of your EC2 instance cannot be changed by Cloud9 after creation.

☐ **Existing compute**

You have an existing instance or server that you'd like to use.

New EC2 instance

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Network settings

Info

Connection

How your environment is accessed.

☐ AWS Systems Manager (SSM)

Accesses environment via SSM without opening inbound ports (no ingress).

☒ Secure Shell (SSH)

Accesses environment directly via SSH, opens inbound ports.

▶ VPC settings

Info

▶ Tags - optional

Info

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

The following IAM resources will be created in your account

• **AWSServiceRoleForAWSCloud9** - 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](#)

Cancel

Create

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Harshit-lab1 - .hoy

.cs9

README.md

aws

Welcome

Untitled1

```
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5   <title>
6     First Web Page
7   </title>
8 </head>
9
10 <body>
11   Hello World!
12 </body>
13 </html>
14
15
```

bash - "ip-172-31-35-152" x

Immediate

x

voclabs:~/environment \$

CodeWhisperer

AWS profile: default

