

Div/Roll No. : D15C/15

Open your AWS account and search for Cloud9 service inside Developer tools. Create a new Cloud9 environment by filling in the required details. Make sure you use an EC2 instance to create your environment.

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https://us-east-1.console.aws.amazon.com/cloud9control/home?region=us-east-1#/create/

🔍

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aws

Services

🔍 Search

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N. Virginia ▼

voclabs/user3385491-Moh

☰

New EC2 instance

Instance type [Info](#)

The memory and CPU of the EC2 instance that will be created for Cloud9 to run on.

☒ **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 web projects.

☐ **m5.large (8 GiB RAM + 2 vCPU)**
Recommended for production and most general-purpose development.

☐ **Additional instance types**
Explore additional instances to fit your need.

Platform [Info](#)

This will be installed on your EC2 instance. We recommend Amazon Linux 2023.

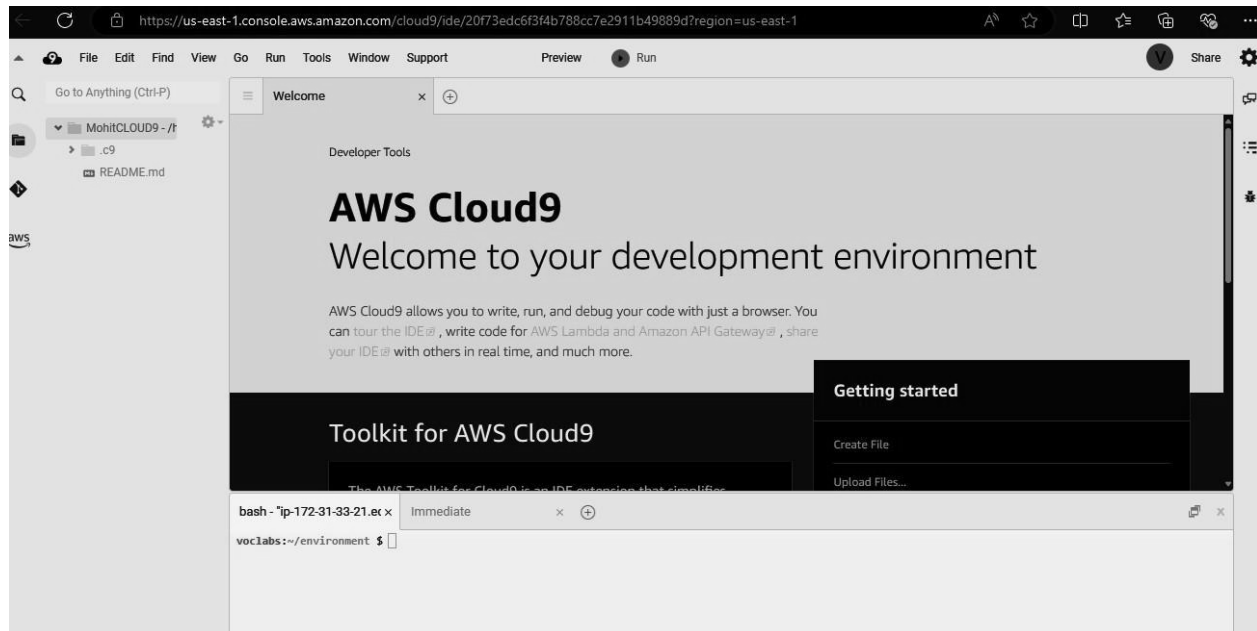
Amazon Linux 2023 ▼

Timeout

How long Cloud9 can be inactive (no user input) before auto-hibernating. This helps prevent unnecessary charges.

30 minutes ▼

We have successfully set up and launched our Cloud9 environment. Over here, we can build and develop programs as per our desire. We are also allowed to collaborate with multiple other users and access shared resources.



Moving on, we are supposed to create a new user. Give a suitable name to the user and decide the password for the same.

Specify user details

User details

User name

The user name can have up to 64 characters. Valid characters: A-Z, a-z, 0-9, and + = , . @ _ - (hyphen)

☒ Provide user access to the AWS Management Console - *optional*
If you're providing console access to a person, it's a [best practice](#) to manage their access in IAM Identity Center.

Console password

☐ Autogenerated password
You can view the password after you create the user.

☒ Custom password
Enter a custom password for the user.

- Must be at least 8 characters long
- Must include at least three of the following mix of character types: uppercase letters (A-Z), lowercase letters (a-z), numbers (0-9), and symbols ! @ # \$ % ^ & * () _ + - (hyphen) = [] { } ' "

☐ Show password

☒ Users must create a new password at next sign-in - Recommended
Users automatically get the [IAMUserChangePassword](#) policy to allow them to change their own password.

Create user group

Create a user group and select policies to attach to the group. We recommend using groups to manage user permissions by job function, AWS service access, or custom permissions. [Learn more](#)

User group name

Enter a meaningful name to identify this group.

adviksgroup

Maximum 128 characters. Use alphanumeric and '+,=, @, _' characters.

Permissions policies (951)




Filter by Type

Search

All ty... ▼

< 1 2 3 4 5 6 7 ... 48 >

⚙️

<input type="checkbox"/>	Policy name	Type	Use...	Description
<input type="checkbox"/>	 AdministratorAccess	AWS managed ...	Permis...	Provides full access to AWS service
<input type="checkbox"/>	 AdministratorAcce...	AWS managed	None	Grants account administrative perm
<input type="checkbox"/>	 AdministratorAcce...	AWS managed	None	Grants account administrative perm

Cancel

Create user group

Similarly, create a new group and provide a suitable name for them. Include the IAM users in this group together for our convenience, that is, to provide similar kinds of permissions to the entire group rather than an individual user.

← ↻ 🔒 https://us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/users/create

aws Services 🔍 Search [Alt+S]

Global mohitkerkar05

MSBCLOUD9 user group created.

Review and create

Step 4

Retrieve password

☒ Add user to group

☐ Copy permissions

☐ Attach policies directly

Add user to an existing group, or create a new group. We recommend using groups to manage user permissions by job function.

Copy all group memberships, attached managed policies, and inline policies from an existing user.

Attach a managed policy directly to a user. As a best practice, we recommend attaching policies to a group instead. Then, add the user to the appropriate group.

User groups (1/1)

Search

< 1 >

⚙️

<input checked="" type="checkbox"/>	Group name	Users	Attached policies	Created
<input checked="" type="checkbox"/>	MSBCLOUD9	0	-	2024-07-29 (Now)

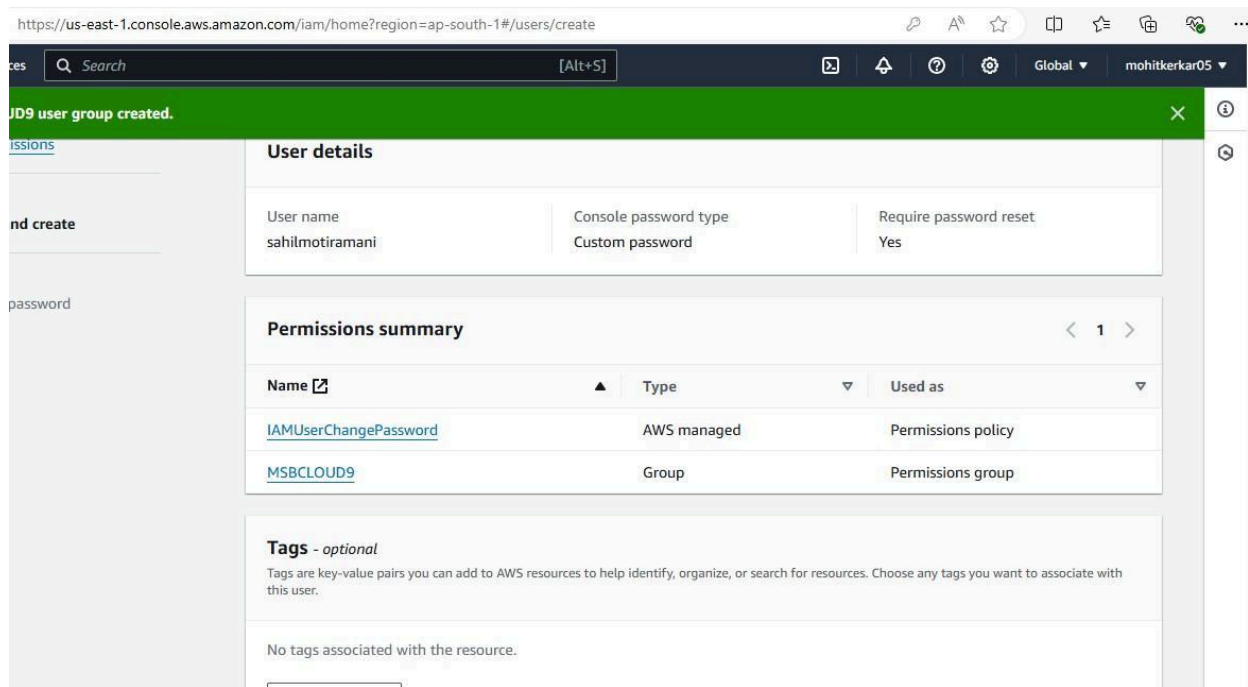
► Set permissions boundary - optional

Cancel

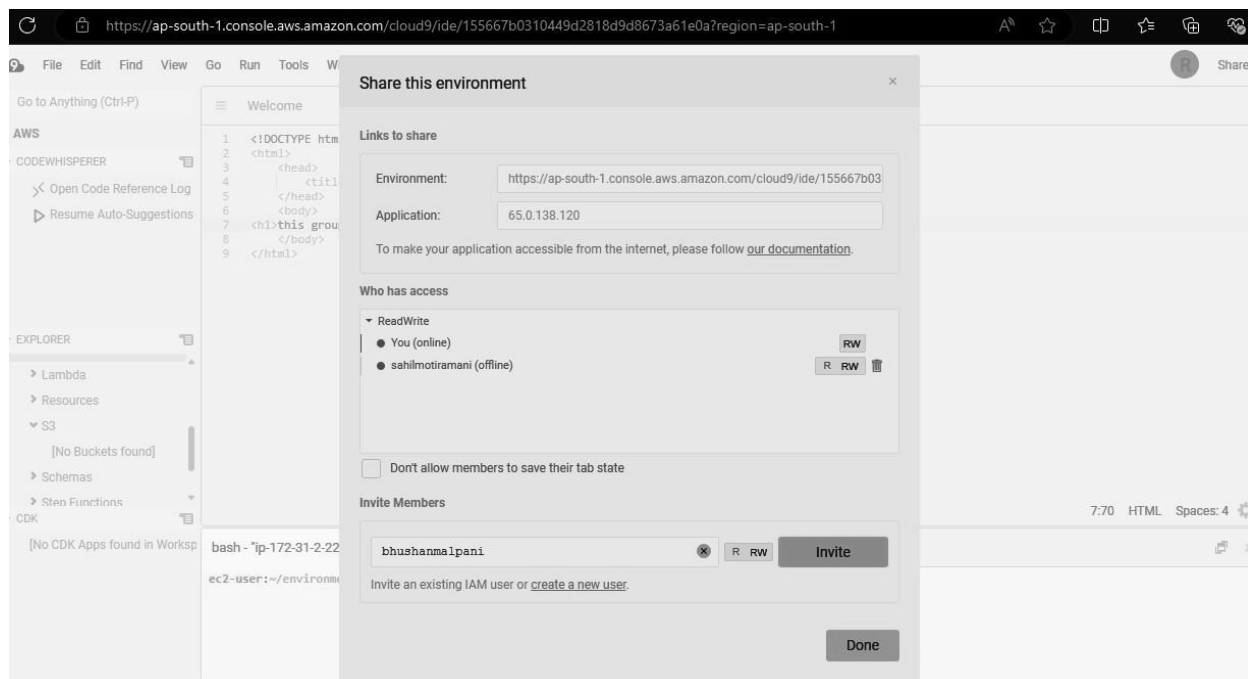
Previous

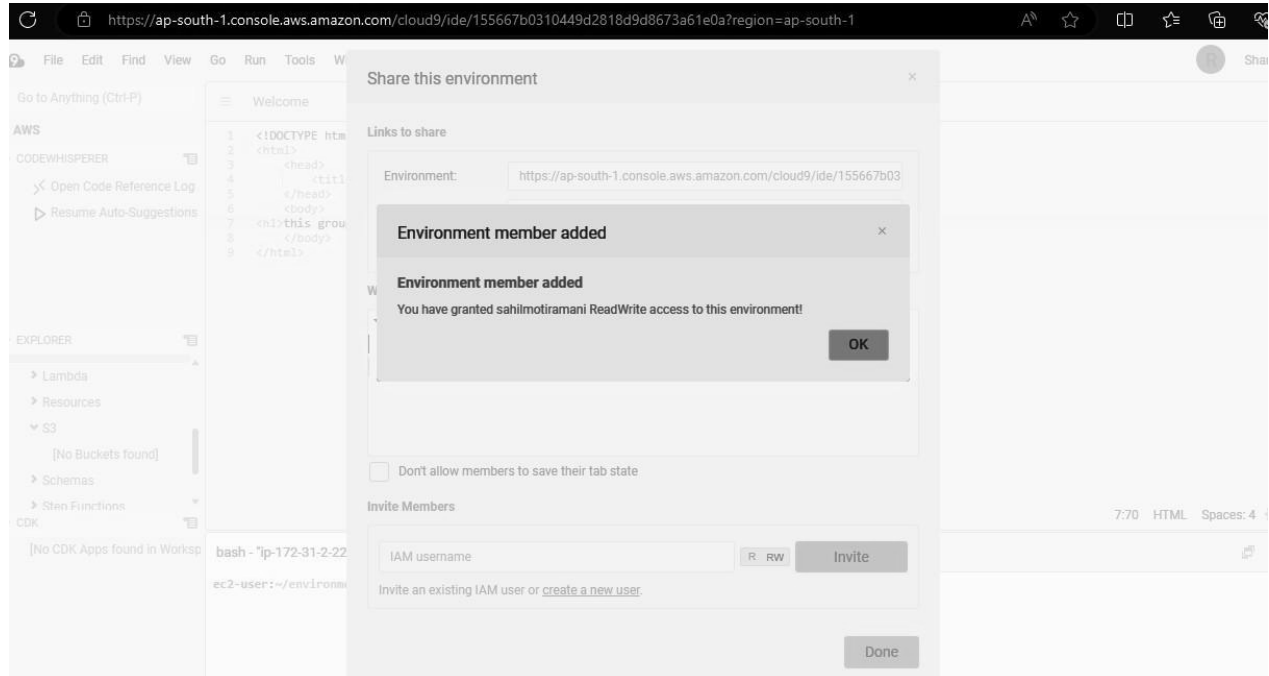
Next

The user has successfully been created i.e. There is a custom-made username and a password for the IAM user.



Go back to the cloud9 environment. Click on the share this environment option so as to allow other collaborators to access you environment. Include your newly made IAM user in this environment and enable Read/Write permissions for it.





Further, we are supposed to login from another browser using the credentials of the IAM user, to access the shared cloud9 environment with us.

These steps could not be completed because Cloud9 services have been disrupted and there is no access to the IAM user from the remote login.