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Adv.DevOps Lab 1

The screenshot displays the AWS Cloud9 console interface. At the top, the AWS logo and navigation menu are visible. The main header reads "Developer Tools" and "AWS Cloud9: A cloud IDE for writing, running, and debugging code". A prominent orange button labeled "Create environment" is shown. Below this, the "How it works" section explains that Cloud9 allows writing, running, and debugging code with just a browser. The "Getting started" section lists links for "Before you start", "Create an environment", "Working with environments", "Working with the IDE", and "Working with AWS Lambda". The "Benefits and features" section highlights "Code with just a browser" and "Code together in real time".

The bottom section shows the "Create environment" page with the following details:

- Name:** Sujal-lab1 (Limit: 60 characters, alphanumeric, and unique per user)
- Description - optional:** (Limit: 200 characters)
- Environment type:** ☒ 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:**
 - Instance type:** ☒ t2.micro (1 GiB RAM + 1 vCPU) (From our eligible shared pool)
 - ☐ t3.small (2 GiB RAM + 2 vCPU) (Recommended for small workloads)
 - ☐ m5.large (8 GiB RAM + 2 vCPU) (Recommended for production workloads)

Services

Search

[Alt+S]

N. Virginia

voclabs/user3402744-2022.sujal.tekwani@ves.ac.in @ 4852-8510...

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

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.

1

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

Services

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AWS Cloud9

Creating Sujal-lab1. This can take several minutes. While you wait, see [Best practices for using AWS Cloud9](#)

For capabilities similar to AWS Cloud9, explore AWS Toolkits in your own IDE and AWS CloudShell in the AWS Management Console. [Learn more](#)

My environments

Shared with me

All account environments

Documentation

AWS Cloud9

Environments

Environments (1)

Delete

View details

Open in Cloud9

Create environment

My environments

	Name	Cloud9 IDE	Environment type	Connection	Permission	Owner ARN
<input type="radio"/>	Sujal-lab1	Open	EC2 instance	Secure Shell (SSH)	Owner	arn:aws:sts::485285105453:assumed-role/voclabs/user3402744-2022.sujal.tekwani@ves.ac.in

