

## ADV. DEVOPS EXPERIMENT : 2

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CLASS: D15B

ROLL\_NO: 06

The screenshot shows the AWS IAM console interface for creating a new IAM role. The left sidebar contains navigation links: "Configure instance traffic and scaling", "Step 5 - optional: Configure updates, monitoring, and logging", "Step 6: Review", and "Review". The main content area is divided into two sections: "Application information" and "Environment information".

**Application information** [Info](#)

Application name  
Deepa  
Maximum length of 100 characters.

▼ **Application tags (optional)**  
Apply up to 50 tags. You can use tags to group and filter your resources. A tag is a key-value pair. The key must be unique within the resource and is case-sensitive. [Learn more](#)

Key: Q deepa X Value - optional: Q CICD X Remove

Add new tag  
You can add 49 more tags.

**Environment information** [Info](#)  
Choose the name, subdomain and description for your environment. These cannot be changed later.

The screenshot shows the AWS IAM console interface for creating a new IAM role, specifically the "Platform" section. The left sidebar contains navigation links: "Search", "[Alt+S]", "N. Virginia", and "voclabs/user3386866-2022.deepa.behrani@ves.ac.in @ 5459-3233-".

**Platform** [Info](#)

Platform type  
☒ **Managed platform**  
Platforms published and maintained by Amazon Elastic Beanstalk. [Learn more](#)  
☐ **Custom platform**  
Platforms created and owned by you. This option is unavailable if you have no platforms.

Platform  
Python ▼

Platform branch  
Python 3.11 running on 64bit Amazon Linux 2023 ▼

Platform version  
4.1.2 (Recommended) ▼

[Alt+S]

N. Virginia

voclabs/user3386866=2022.deepa.behrani@ves.a

IAM roles, assumed by Elastic Beanstalk as a service role, and EC2 instance profiles allow Elastic Beanstalk to create and manage your environment. Both the IAM role and instance profile must be attached to IAM managed policies that contain the required permissions. [Learn more](#)

Service role

☐ Create and use new service role

☒ Use an existing service role

Existing service roles

Choose an existing IAM role for Elastic Beanstalk to assume as a service role. The existing IAM role must have the required IAM managed policies.

EMR\_EC2\_DefaultRole

EC2 key pair

Select an EC2 key pair to securely log in to your EC2 instances. [Learn more](#)

vockey

EC2 instance profile

Choose an IAM instance profile with managed policies that allow your EC2 instances to perform required operations.

EMR\_EC2\_DefaultRole

View permission details

Services

Search

[Alt+S]

N. Virginia

voclabs/user3386866=2022.deepa.behrani@ves.ac.in @ 5459-3233-...

Elastic Beanstalk

Applications

Environments

Change history

Application: Deepa

Application versions

Saved configurations

Environment: Deepa-env

Go to environment

Configuration

Events

Health

Logs

Monitoring

Elastic Beanstalk is launching your environment. This will take a few minutes.

Elastic Beanstalk

Environments

Deepa-env

Deepa-env

Info

Actions

Upload and deploy

Environment overview

Health

Unknown

Domain

-

Environment ID

e-74vhtvmjm8

Application name

Deepa

Platform

Change version

Platform

Python 3.11 running on 64bit Amazon Linux 2023/4.1.2

Running version

-

Platform state

Supported

Events

Health

Logs

Monitoring

Alarms

Managed updates

Tags

CloudShell

Feedback

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Successfully created Deepa06. To get the most out of your environment, see [Best practices for using AWS Cloud9](#)

AWS Cloud9 > Environments

Environments (1)						
<div>My environments</div>						
<div>&lt; 1 &gt;</div>						
Name	Cloud9 IDE	Environment type	Connection	Permissions	Owner ARN	
<a href="#">Deepa06</a>	<a href="#">Open</a>	EC2 instance	Secure Shell (SSH)	Owner	arn:aws:sts::545932335831:assumed-role/voclabs/user3386866-2022.deepa.behrani@ves.ac	

us-east-1.console.aws.amazon.com/codesuite/codepipeline/pipeline/new?region=us-east-1

Developer Tools > CodePipeline > Pipelines > Create new pipeline

Step 1

Choose pipeline settings

Step 2

Add source stage

Step 3

Add build stage

Step 4

Add deploy stage

Step 5

Review

Add source stage

Step 2 of 5

Source

Source provider

This is where you stored your input artifacts for your pipeline. Choose the provider and then provide the connection details.

AWS CodeCommit

Repository name

Choose a repository that you have already created where you have pushed your source code.

deepa

Branch name

Choose a branch of the repository

INFT

deepa for 545932335831 (Click here to retry)

