

Adv devops 2

The screenshot shows the AWS IAM console's 'Roles' page. The left sidebar contains navigation links for Identity and Access Management (IAM), including Dashboard, Access management, User groups, Users, Roles (selected), Policies, Identity providers, Account settings, Access reports, Access Analyzer, External access, Unused access, Analyzer settings, Credential report, Organization activity, and Service control policies. The main content area displays a list of roles with columns for Role name, Trusted entities, and Last activity. Below the list, there are sections for 'Roles Anywhere' and 'Access AWS from your non AWS workloads'.

Role name	Trusted entities	Last activity
AWSServiceRoleForSupport	AWS Service: support (Service-Linker)	-
AWSServiceRoleForTrustedAdvisor	AWS Service: trustedadvisor (Service-Linker)	-
Mohit-role-ix2q4yx0	AWS Service: lambda	16 days ago
S3ImageLogger-role-4lz5fdtt	AWS Service: lambda	-
S3ImageLogger-role-712yc106	AWS Service: lambda	-

Roles Anywhere Info
Authenticate your non AWS workloads and securely provide access to AWS services.

Access AWS from your non AWS workloads
Operate your non AWS workloads using the same authentication and authorization strategy that you use within AWS.

X.509 Standard
Use your own existing PKI infrastructure or use [AWS Certificate Manager Private Certificate Authority](#) to authenticate identities.

Temporary credentials
Use temporary credentials with ease and benefit from the enhanced security they provide.

The screenshot shows the 'Create role' wizard in the AWS IAM console, specifically Step 1: Select trusted entity. The left sidebar shows the progress: Step 1 (selected), Step 2: Add permissions, and Step 3: Name, review, and create. The main content area is titled 'Select trusted entity' and contains a 'Trusted entity type' section with five radio button options: AWS service (selected), AWS account, Web identity, SAML 2.0 federation, and Custom trust policy. Below this is a 'Use case' section with a dropdown menu set to 'EC2' and a description of the use case.

Trusted entity type

- ☒ **AWS service**
Allow AWS services like EC2, Lambda, or others to perform actions in this account.
- ☐ **AWS account**
Allow entities in other AWS accounts belonging to you or a 3rd party to perform actions in this account.
- ☐ **Web identity**
Allows users federated by the specified external web identity provider to assume this role to perform actions in this account.
- ☐ **SAML 2.0 federation**
Allow users federated with SAML 2.0 from a corporate directory to perform actions in this account.
- ☐ **Custom trust policy**
Create a custom trust policy to enable others to perform actions in this account.

Use case
Allow an AWS service like EC2, Lambda, or others to perform actions in this account.

Service or use case
EC2

Choose a use case for the specified service.
Use case
☒ **EC2**
Allows EC2 instances to call AWS services on your behalf.

Create role | IAM | Global

Untitled document - Google Doc

us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/roles/create?trustedEntityType=AWS_SERVICE&selectedService=EC2&selectedUseCase=EC2&policies...

Services

Search

[Alt+S]

Global

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IAM > Roles > Create role

Step 1

Select trusted entity

Step 2

Add permissions

Step 3

Name, review, and create

Name, review, and create

Role details

Role name

Enter a meaningful name to identify this role.

Mohit_Iam

Maximum 64 characters. Use alphanumeric and "+, @, _" characters.

Description

Add a short explanation for this role.

Allows EC2 instances to call AWS services on your behalf.

Maximum 1000 characters. Use letters (A-Z and a-z), numbers (0-9), tabs, new lines, or any of the following characters: _+@-/\()#%*~!;,:="

Step 1: Select trusted entities

Edit

Trust policy

```
1 {
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Effect": "Allow",
6       "Action": [
7         "sts:AssumeRole"
8       ],
9       "Principal": {

```

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Create role | IAM | Global

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us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/roles/create?trustedEntityType=AWS_SERVICE&selectedService=EC2&selectedUseCase=EC2&policies...

Services

Search

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Global

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IAM > Roles > Create role

Step 1

Select trusted entity

Step 2

Add permissions

Step 3

Add tags

Step 2: Add permissions

Edit

Permissions policy summary

Policy name	Type	Attached as
AWSElasticBeanstalkMulticontainerDocker	AWS managed	Permissions policy
AWSElasticBeanstalkWebTier	AWS managed	Permissions policy
AWSElasticBeanstalkWorkerTier	AWS managed	Permissions policy

Step 3: Add tags

Add tags - optional info

Tags are key-value pairs that you can add to AWS resources to help identify, organize, or search for resources.

No tags associated with the resource.

Add new tag

You can add up to 50 more tags.

Cancel

Previous

Create role

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Roles | IAM | Global

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us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/roles

Services

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Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access Analyzer

External access

Unused access

Analyzer settings

Credential report

Organization activity

Service control policies

Role Mohit_iam created.

View role

Info

Refresh

Delete

Create role

Roles (6)

Info

An IAM role is an identity you can create that has specific permissions with credentials that are valid for short durations. Roles can be assumed by entities that you trust.

Search

<input type="checkbox"/>	Role name	Trusted entities	Last activity
<input type="checkbox"/>	AWS-SSM-ROLE-OF-ITUSLEGALDEVISOT	AWS Service: trustedadvisor (service)	
<input type="checkbox"/>	Mohit_iam	AWS Service: ec2	-
<input type="checkbox"/>	Mohit-role-ix2q4ys0	AWS Service: lambda	16 days ago
<input type="checkbox"/>	S3ImageLogger-role-4lz5fdtt	AWS Service: lambda	-
<input type="checkbox"/>	S3ImageLogger-role-712yc106	AWS Service: lambda	-

Roles Anywhere

Info

Manage

Authenticate your non AWS workloads and securely provide access to AWS services.

Access AWS from your non AWS workloads

Operate your non AWS workloads using the same authentication and authorization strategy that you use within AWS.

X.509 Standard

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Temporary credentials

Use temporary credentials with ease and benefit from the enhanced security they provide.

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Configure environment | Elastic

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us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/create-environment

Services

Search

[Alt+S]

N. Virginia

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New accounts only support launch templates

Starting on October 1, 2024, Amazon EC2 Auto Scaling will no longer support the creation of launch configurations for new accounts. Existing environments will not be impacted. For more information about other situations that are impacted, including temporary option settings required for new accounts, refer to [Launch templates](#) in the Elastic Beanstalk Developer Guide.

Step 1

Configure environment

Step 2

Configure service access

Step 3 - optional

Set up networking, database, and tags

Step 4 - optional

Configure instance traffic and scaling

Step 5 - optional

Configure updates, monitoring, and logging

Step 6

Review

Configure environment

Info

Environment tier

Info

Amazon Elastic Beanstalk has two types of environment tiers to support different types of web applications.

☒ Web server environment

Run a website, web application, or web API that serves HTTP requests. [Learn more](#)

☐ Worker environment

Run a worker application that processes long-running workloads on demand or performs tasks on a schedule. [Learn more](#)

Application information

Info

Application name

Maximum length of 100 characters.

Application tags (optional)

Environment information

Info

Choose the name, subdomain and description for your environment. These cannot be changed later.

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Configure environment | Elastic

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us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/create-environment

Services

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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

PHP

Platform branch

PHP 8.3 running on 64bit Amazon Linux 2023

Platform version

4.3.4 (Recommended)

Application code info

Sample application

Existing version

Resolutions versions that you have uploaded

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Configure service access | Elastic Beanstalk

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us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/create-environment

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Step 2

Configure service access

Step 3 - optional

Set up networking, database, and tags

Step 4 - optional

Configure instance traffic and scaling

Step 5 - optional

Configure updates, monitoring, and logging

Step 6

Review

Service access

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.

Mohit_lam

EC2 key pair

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

Choose a key pair

EC2 instance profile

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

Mohit_lam

View permission details

Cancel

Skip to review

Previous

Next

docsaws.amazon.com/.../environments-cfg-autoscaling-launch-templates.html

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Set up networking, database, and tags

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us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/create-environment

Services

Search

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Step 2

Configure service access

Step 3 - optional

Set up networking, database, and tags

Step 4 - optional

Configure instance traffic and scaling

Step 5 - optional

Configure updates, monitoring, and logging

Step 6

Review

Virtual Private Cloud (VPC)

VPC

Launch your environment in a custom VPC instead of the default VPC. You can create a VPC and subnets in the VPC management console. [Learn more](#)

vpc-0b7dc0b0b3359b6ef | (172.31.0.0/16)

Create custom VPC

Instance settings

Choose a subnet in each AZ for the instances that run your application. To avoid exposing your instances to the Internet, run your instances in private subnets and load balancer in public subnets. To run your load balancer and instances in the same public subnets, assign public IP addresses to the instances. [Learn more](#)

Public IP address

Assign a public IP address to the Amazon EC2 instances in your environment.

☒ Activated

Instance subnets

Filter instance subnets

<input checked="" type="checkbox"/>	Availability Zone	Subnet	CIDR	Name
<input checked="" type="checkbox"/>	us-east-1a	subnet-00c0b7f6e	172.31.48.0/20	

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

How would you rate your experience with this service? ☆☆☆

Developer Tools > CodePipeline > Pipelines > Create new pipeline

Step 1 Choose creation option
Step 2 Choose pipeline settings
Step 3 Add source stage
Step 4 Add build stage
Step 5 Add deploy stage
Step 6 Review

Add source stage info

Step 3 of 6

Source

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

GitHub (Version 1)

Grant AWS CodePipeline access to your GitHub repository. This allows AWS CodePipeline to upload commits from GitHub to your pipeline.

Connected

You have successfully authenticated your account.

The GitHub (Version 1) action is not recommended
The selected action uses OAuth apps to access your GitHub repository. This is no longer the recommended method. Instead, choose the GitHub (Version 2) action to access your repository by creating a connection. Connections use GitHub Apps to manage authentication and can be shared with other resources. [Learn more](#)

Repository

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

How would you rate your experience with this service? ☆☆☆

Step 2 Choose pipeline settings
Step 3 Add source stage
Step 4 Add build stage
Step 5 Add deploy stage
Step 6 Review

Deploy - optional

Deploy provider
Choose how you deploy to instances. Choose the provider, and then provide the configuration details for that provider.

AWS Elastic Beanstalk

Region
US East (N. Virginia)

Input artifacts
Choose an input artifact for this action. [Learn more](#)

SourceArtifact
Defined by Source
No more than 100 characters

Application name
Choose an application that you have already created in the AWS Elastic Beanstalk console. Or create an application in the AWS Elastic Beanstalk console and then return to this task.

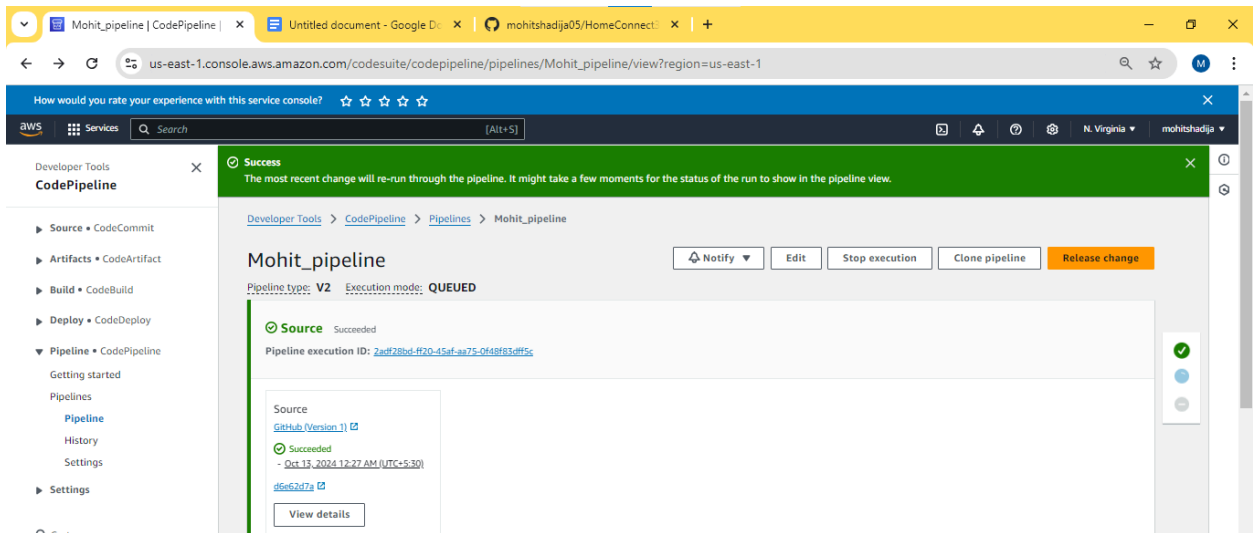
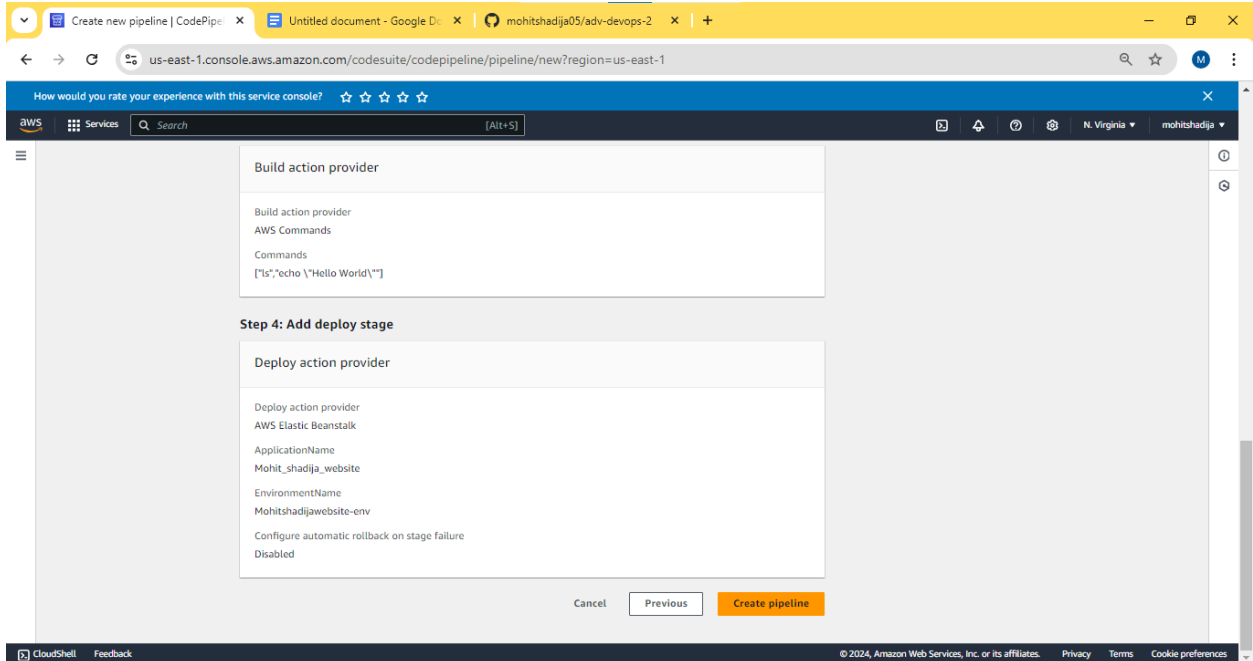
Mohit_shadja_website

Environment name
Choose an environment that you have already created in the AWS Elastic Beanstalk console. Or create an environment in the AWS Elastic Beanstalk console and then return to this task.

Mohitshadjawebiste-env

☐ Configure automatic rollback on stage failure

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Developer Tools

CodePipeline

Source • CodeCommit

Artifacts • CodeArtifact

Build • CodeBuild

Deploy • CodeDeploy

Pipeline • CodePipeline

Getting started

Pipelines

Pipeline

History

Settings

Settings

Go to resource

Feedback

Succeeded - 1 minute ago

55323c12

View details

55323c12 Source: harsh

Disable transition

Deploy Succeeded

Pipeline execution ID: 8ee2ef75-c51b-450d-ba40-24169f5f6c57

Start rollback

Deploy

AWS Elastic Beanstalk

Succeeded - Just now

View details

55323c12 Source: harsh

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