

Console Home | Console Home

Create S3 bucket | S3 | us-east-1

us-east-1.console.aws.amazon.com/s3/bucket/create?region=us-east-1&bucketType=general

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N. Virginia

AlexDempt@yadnesh01

General configuration

AWS Region

US East (N. Virginia) us-east-1

Bucket type

Info

☒ General purpose

Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

☐ Directory

Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

Bucket name

Info

project-newbucket2344

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

Choose bucket

Format: s3://bucket/prefix

Object Ownership

Info

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

☒ ACLs disabled (recommended)

All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

☐ ACLs enabled

Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

Object Ownership

Bucket owner enforced

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us-east-1.console.aws.amazon.com/s3/buckets/project-newbucket2344?region=us-east-1&bucketType=general&tab=objects

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Upload succeeded  
View details below.

Amazon S3 > Buckets > project-newbucket2344

project-newbucket2344 Info

Objects Properties Permissions Metrics Management Access Points

Objects (1) Info

Copy S3 URICopy URLDownloadOpen>DeleteActionsCreate folderUpload

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Find objects by prefixShow versions

	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	SampleApp_Linux.zip	zip	November 9, 2024, 12:33:59 (UTC+05:30)	5.2 KB	Standard

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Console Home | Console Home

Dashboard | EC2 | us-east-1

project\_1st\_rolw | IAM | Global

project-newbucket2344 - S3 bu

us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/roles/details/project\_1st\_rolw?section=permissions

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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

Related consoles

- IAM Identity Center

IAM > Roles > project\_1st\_rolw

project\_1st\_rolw

Allows EC2 instances to call AWS services on your behalf.

Summary

Creation date  
November 05, 2024, 13:08 (UTC+05:30)

ARN  
arn:aws:iam::047719614436:role/project\_1st\_rolw

Instance profile ARN  
arn:aws:iam::047719614436:instance-profile/project\_1st\_rolw

Last activity  
Yesterday

Maximum session duration  
1 hour

Permissions

Permissions policies (2)

You can attach up to 10 managed policies.

Search

Filter by Type  
All types

	Policy name	Type	Attached entities
<input type="checkbox"/>	AmazonEC2RoleforAWSCodeDeploy	AWS managed	1
<input type="checkbox"/>	AmazonSSMManagedInstanceCore	AWS managed	1

Permissions boundary (not set)

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us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances: Gmail YouTube YouTube All Bookmarks

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Name

project-server1

Add additional tags

Application and OS Images (Amazon Machine Image) Info

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

Search our full catalog including 1000s of application and OS images

Recents Quick Start

Amazon Linux

aws

macOS

Mac

Ubuntu

ubuntu

Windows

Microsoft

Red Hat

Red Hat

SUSE Linux

SUSE

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Amazon Linux 2023 AMI

ami-063d43db0594b521b (64-bit (x86), uefi-preferred) / ami-0085e579c65d43668 (64-bit (Arm), uefi)

Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible

Description

Amazon Linux 2023 is a modern, general purpose Linux-based OS that comes with 5 years of long term support. It is optimized for AWS and designed to provide a secure, stable and high-performance execution environment to develop and run your cloud applications.

Amazon Linux 2023 AMI 2023.6.20241031.0 x86\_64 HVM kernel-6.1

Summary

Number of instances Info

1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.6.2...read more

ami-063d43db0594b521b

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 750 hours of public IPv4 address usage per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel

Launch instance

Preview code

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us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:GmailYouTubeYouTubeAll Bookmarks

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Key pair name - requiredproject\_keypairCreate new key pair

▼ Network settings InfoEdit

Network Infovpc-0249edb10cd61eb69

Subnet InfoNo preference (Default subnet in any availability zone)

Auto-assign public IP InfoEnable

Additional charges apply when outside of free tier allowance

Firewall (security groups) InfoA security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

Create security groupSelect existing security group

We'll create a new security group called 'launch-wizard-5' with the following rules:

☒ Allow SSH traffic from

Helps you connect to your instanceAnywhere0.0.0.0/0

☐ Allow HTTPS traffic from the internet

To set up an endpoint, for example when creating a web server

☒ Allow HTTP traffic from the internet

To set up an endpoint, for example when creating a web server

Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

▼ Summary

Number of instances Info1

Software Image (AMI)Amazon Linux 2023 AMI 2023.6.2...read moreami-063d43db0594b521b

Virtual server type (instance type)t2.micro

Firewall (security group)New security group

Storage (volumes)1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 750 hours of public IPv4 address usage per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet

CancelLaunch instancePreview code

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[EC2](#) > [Instances](#) > [i-0b169d324b6d3ed5c](#) > Modify IAM role

## Modify IAM role [Info](#)

Attach an IAM role to your instance.

Instance ID

 [i-0b169d324b6d3ed5c](#) (project-server1)

IAM role

Select an IAM role to attach to your instance or create a new role if you haven't created any. The role you select replaces any roles that are currently attached to your instance.

project\_1st\_rolw



[Create new IAM role](#)

Cancel

Update IAM role



▼

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Launch an instance | EC2 | us-east-1

Instances | EC2 | us-east-1

project\_2nd\_role | IAM | Global

project-newbucket2344 - S3 bu

us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/roles/details/project\_2nd\_role?section=permissions

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Service control policies

Related consoles

IAM Identity Center

IAM > Roles > project\_2nd\_role

project\_2nd\_role

Allows CodeDeploy to call AWS services such as Auto Scaling on your behalf.

Delete

Summary

Edit

Creation date

November 05, 2024, 13:10 (UTC+05:30)

ARN

arn:aws:iam::047719614436:role/project\_2nd\_role

Last activity

Yesterday

Maximum session duration

1 hour

Permissions

Trust relationships

Tags

Last Accessed

Revoke sessions

Permissions policies (1)

Info

You can attach up to 10 managed policies.

Refresh

Simulate

Remove

Add permissions

Search

Filter by Type

All types

< 1 >

⚙️

<input type="checkbox"/>	Policy name	Type	Attached entities
<input type="checkbox"/>	AWSCodeDeployRole	AWS managed	1

▶ Permissions boundary (not set)

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☰

# Create deployment group

Application

Application  
MyDemoApplication  
Compute type  
EC2/On-premises

Deployment group name

Enter a deployment group name

100 character limit

Service role

Enter a service role

Enter a service role with CodeDeploy permissions that grants AWS CodeDeploy access to your target instances.

Deployment type

Choose how to deploy your application

Console Home | Con: x

Instances | EC2 | us-e x

project-deployment- x

Myfirstpipeline | Cod x

SampleApp\_Linux.zip x

AWS and Linux Expe x

Sample Deployment x

+

us-east-1.console.aws.amazon.com/codesuite/codedeploy/applications/MyDemoApplication/deployment-groups/project-deployment-group/edit?region=us-east-1

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Artifacts • CodeArtifact

Build • CodeBuild

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On-premises instances

► Pipeline • CodePipeline

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Feedback

Deployment type

Choose how to deploy your application

☒ In-place

Updates the instances in the deployment group with the latest application revisions. During a deployment, each instance will be briefly taken offline for its update

☐ Blue/green

Replaces the instances in the deployment group with new instances and deploys the latest application revision to them. After instances in the replacement environment are registered with a load balancer, instances from the original environment are deregistered and can be terminated.

Environment configuration

Select any combination of Amazon EC2 Auto Scaling groups, Amazon EC2 instances, and on-premises instances to add to this deployment

☐ Amazon EC2 Auto Scaling groups

☒ Amazon EC2 instances

1 unique matched instance. [Click here for details](#)

You can add up to three groups of tags for EC2 instances to this deployment group.  
**One tag group:** Any instance identified by the tag group will be deployed to.  
**Multiple tag groups:** Only instances identified by all the tag groups will be deployed to.

Tag group 1

Key

Remove tag

Add tag

+ Add tag group

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Console Home | Console Home

Launch an instance | EC2 | us-east-1

Instances | EC2 | us-east-1

Create deployment group | CodeDeploy

SampleApp\_Linux.zip - Object Storage

us-east-1.console.aws.amazon.com/codesuite/codedeploy/applications/MyDemoApplication/deployment-groups/new?region=us-east-1

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Feedback

Complete the required prerequisites before AWS Systems Manager can install the CodeDeploy Agent.

Make sure the AWS Systems Manager Agent is installed on all instances and attach the required IAM policies to them. [Learn more](#)

Install AWS CodeDeploy Agent

☐ Never

☐ Only once

☒ Now and schedule updates

Basic scheduler

Cron expression

14

Days

Deployment settings

Deployment configuration

Choose from a list of default and custom deployment configurations. A deployment configuration is a set of rules that determines how fast an application is deployed and the success or failure conditions for a deployment.

CodeDeployDefault.OneAtATime

or

Create deployment configuration

Load balancer

Select a load balancer to manage incoming traffic during the deployment process. The load balancer blocks traffic from each instance while it's being deployed to and allows traffic to it again after the deployment succeeds.

☐ Enable load balancing

► Advanced - optional

Cancel

Create deployment group

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☰

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

Choose creation option [Info](#)

Step 1 of 6

Creation options

Choose one of the following options to create your pipeline.

☐ Create pipeline from template  
Create a pipeline from a pre-built template for common scenarios.

☒ Build custom pipeline  
Build a pipeline from scratch to meet your specific needs.

Cancel

Next

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Console Home | Console H | x | Launch an instance | EC2 | x | Instances | EC2 | us-east-1 | x | project-deployment-grp | x | Create new pipeline | Code | x | SampleApp\_Linux.zip - Ob | x | +

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

aws Services Search [Alt+S]

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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

Choose pipeline settings

Step 2 of 6

Pipeline settings

Pipeline name

Enter the pipeline name. You cannot edit the pipeline name after it is created.

MyFirstPipeline

No more than 100 characters

Pipeline type

You can no longer create V1 pipelines through the console. We recommend you use the V2 pipeline type with improved release safety, pipeline triggers, parameterized pipelines, and a new billing model.

Execution mode

Choose the execution mode for your pipeline. This determines how the pipeline is run.

Superseded

A more recent execution can overtake an older one. This is the default.

Queued (Pipeline type V2 required)

Executions are processed one by one in the order that they are queued.

Parallel (Pipeline type V2 required)

Executions don't wait for other runs to complete before starting or finishing.

Service role

New service role

Create a service role in your account

Existing service role

Choose an existing service role from your account

Role ARN

arn:aws:iam::047719614436:role/service-role/codepipeline\_role

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☒ **Queued (Pipeline type V2 required)**  
Executions are processed one by one in the order that they are queued.

☐ **Parallel (Pipeline type V2 required)**  
Executions don't wait for other runs to complete before starting or finishing.


Service role

☐ **New service role**  
Create a service role in your account

☒ **Existing service role**  
Choose an existing service role from your account

Role ARN


## Variables

You can add variables at the pipeline level. You can choose to assign the value when you start the pipeline. Choosing this option requires pipeline type V2. [Learn more](#) 

No variables defined at the pipeline level in this pipeline.

Add variable

You can add up to 50 variables.

 The first pipeline execution will fail if variables have no default values.

► **Advanced settings**





Console Home | Console H | x | Launch an instance | EC2 | x | Instances | EC2 | us-east-1 | x | project-deployment-grp | x | Create new pipeline | Code | x | SampleApp\_Linux.zip - Ob | x | +

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

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Step 4  
Add build stage

Step 5  
Add deploy stage

Step 6  
Review

Deploy

Deploy provider

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

AWS CodeDeploy

Region

US East (N. Virginia)

Input artifacts

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

SourceArtifact X  
Defined by: Source

No more than 100 characters

Application name

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

MyDemoApplication X

Deployment group

Choose a deployment group that you have already created in the AWS CodeDeploy console. Or create a deployment group in the AWS CodeDeploy console and then return to this task.

project-deployment-grp X

☒ Configure automatic rollback on stage failure

☐ Enable automatic retry on stage failure

Cancel

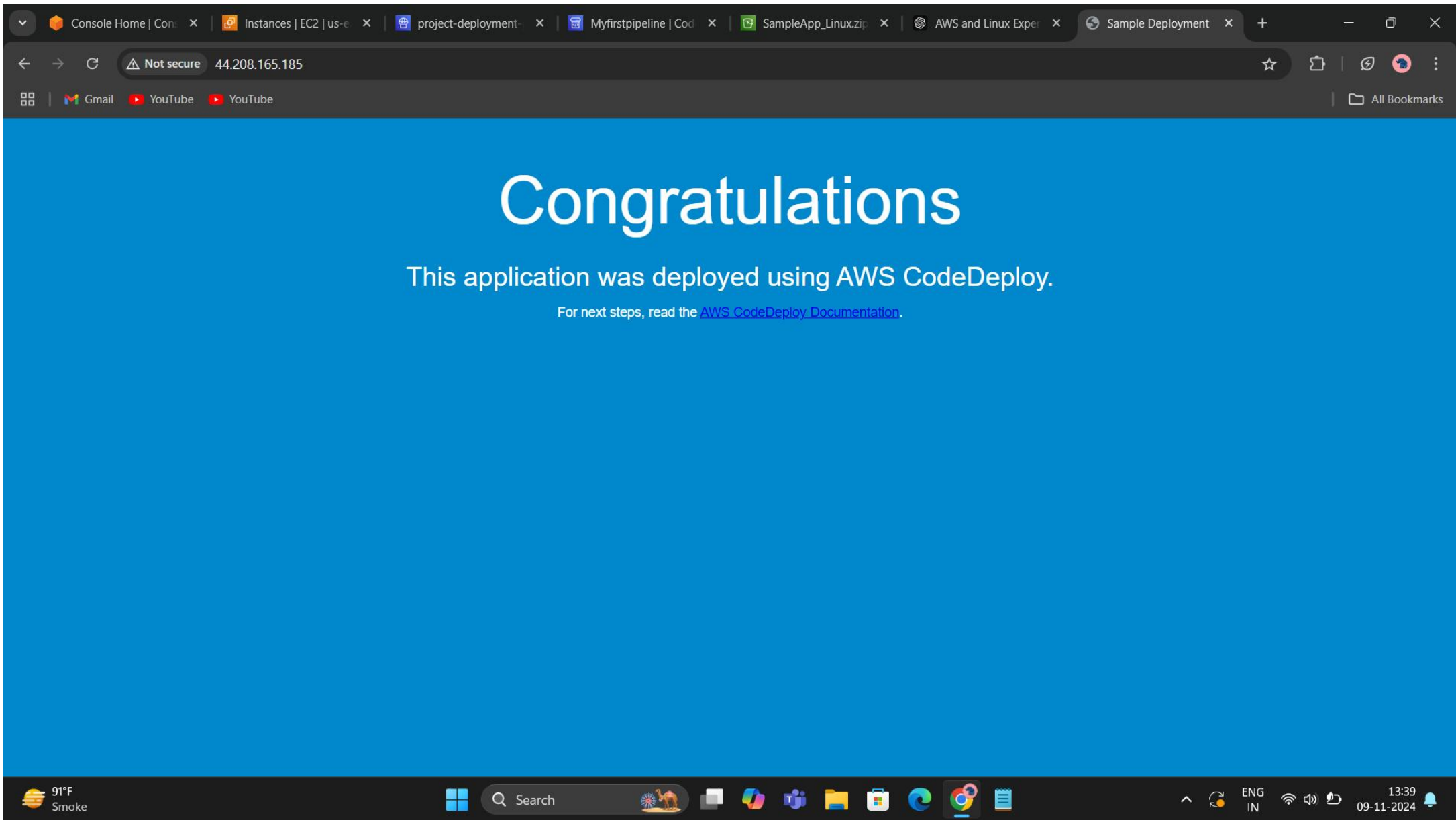
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Myfirstpipeline | Cod x

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AWS and Linux Exper x

Sample Deployment x

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us-east-1.console.aws.amazon.com/codesuite/codepipeline/pipelines/Myfirstpipeline/view?region=us-east-1

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Getting started

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Feedback

Myfirstpipeline

Pipeline type: V2 Execution mode: QUEUED

Edit Stop execution Clone pipeline Release change

Source Succeeded

Pipeline execution ID: 50a8335b-8014-4e3f-910a-10370d6104a8

Source

Amazon S3

Succeeded - 1 minute ago

View details

Source: Amazon S3 version id: WWElPoO8oVQXOh\_3aRk\_YHS9lmxzaEF9

Disable transition

Deploy Succeeded

Pipeline execution ID: 50a8335b-8014-4e3f-910a-10370d6104a8

Deploy

AWS CodeDeploy

Succeeded - Just now

View details

Source: Amazon S3 version id: WWElPoO8oVQXOh\_3aRk\_YHS9lmxzaEF9

Start rollback

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