Task 3.1: AWS. Creating a Simple Pipeline (S3 Bucket).
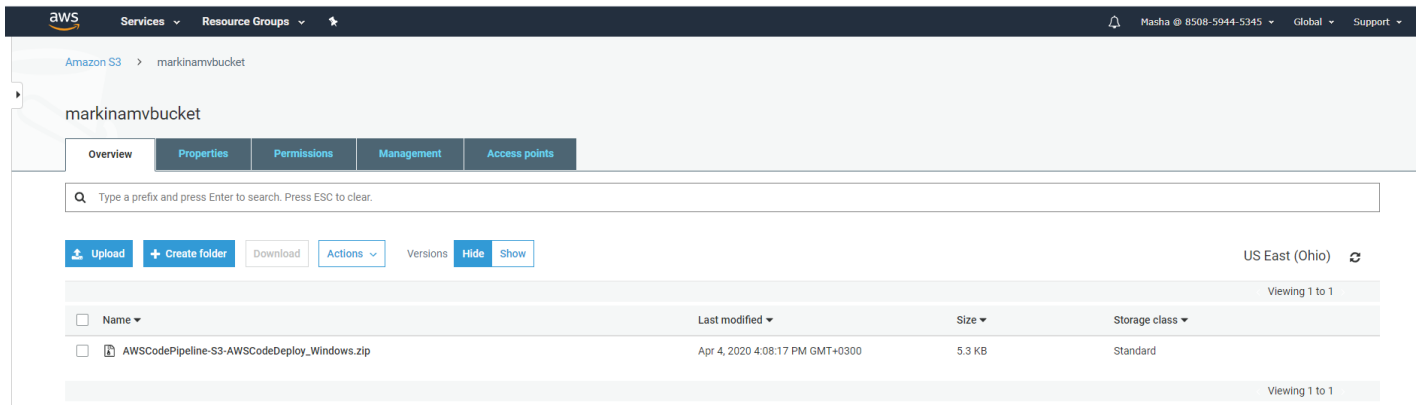
Markina Mariia

Tutorial:

https://docs.aws.amazon.com/codepipeline/latest/userguide/tutorials-simple-s3.html

Fulfilment:
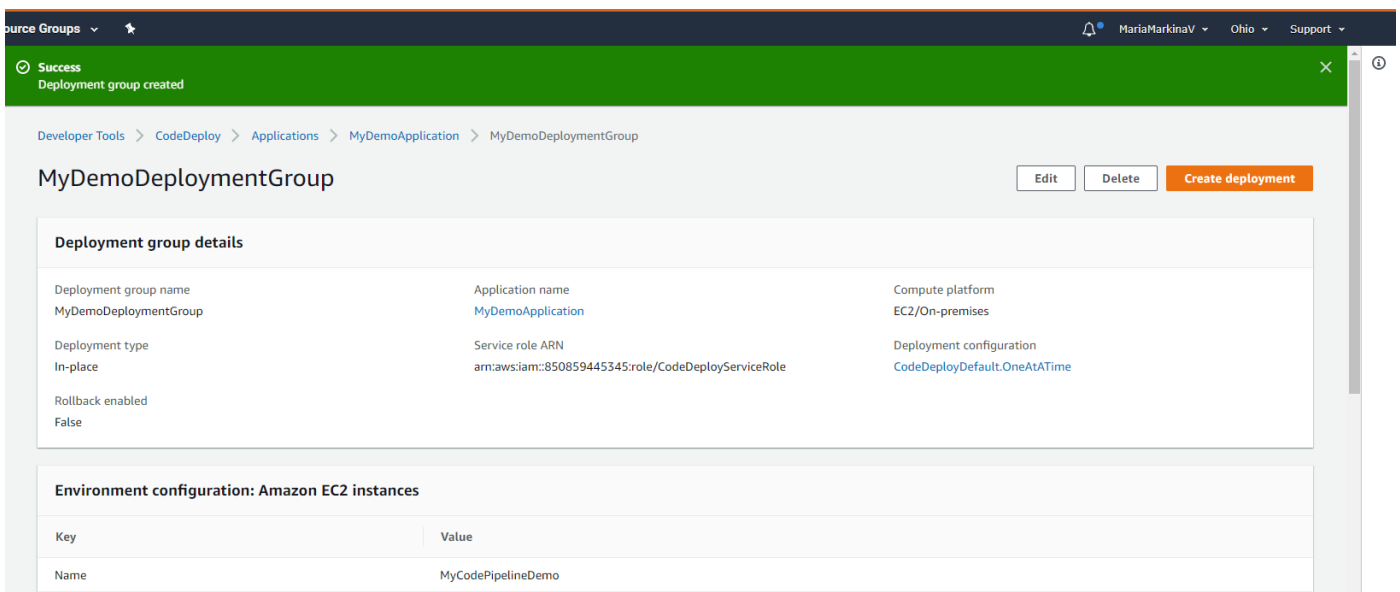
1) Step 1: Create an S3 Bucket for Your Application

2) Step 2: Create Amazon EC2 Windows Instances and Install the CodeDeploy Agent

3) Step 3: Create an Application in CodeDeploy

4) Step 4: Create Your First Pipeline in CodePipeline

MyFirstPipeline

[Notify ▼] [Edit] [Stop execution] [Clone pipeline] [Release change]

⊘ Source Succeeded
Pipeline execution ID: 29a9c9db-cce3-4518-8f23-018fe84545b8

Source ⓘ
Amazon S3 ⧉
⊘ Succeeded - 3 minutes ago

Source: Amazon S3 version id: 7EmPEY82sEIFhySWIzxJkv7g06qr.vqV

[Disable transition]

⊘ Deploy Succeeded
Pipeline execution ID: 29a9c9db-cce3-4518-8f23-018fe84545b8

Deploy ⓘ
AWS CodeDeploy
⊘ Succeeded - Just now
Details

Source: Amazon S3 version id: 7EmPEY82sEIFhySWIzxJkv7g06qr.vqV

Installing application on your instances | 2 of 2 instances updated | ⊘ Succeeded

Deployment details

Application	Deployment ID	Status
MyDemoApplication	d-RLPF4BG82	⊘ Succeeded
Deployment configuration	**Deployment group**	**Initiated by**
CodeDeployDefault.OneAtATime	MyDemoDeploymentGroup	User action
Deployment description		
-		

Revision details

Revision location	Revision created	Revision description
s3://codepipeline-us-east-2-949898064635/MyFirstPipeline/SourceArti/25hhEhg.zip?eTag=41d364270c65ab4c8e4c5e4015cf585d	4 minutes ago	Application revision registered by Deployment ID: d-RLPF4BG82

Deployment lifecycle events

Instance ID	Duration	Status	Most recent event	Events	Start time	End time
i-02b44222dae900c7a ⧉	1 minute 30 seconds	⊘ Succeeded	ValidateService	View events	Apr 4, 2020 6:02 PM (UTC+3:00)	Apr 4, 2020 6:04 PM (UTC+3:00)
i-0fa78043b98ad81fc ⧉	1 minute 54 seconds	⊘ Succeeded	ValidateService	View events	Apr 4, 2020 6:00 PM (UTC+3:00)	Apr 4, 2020 6:02 PM (UTC+3:00)

Congratulations!

You have successfully created a pipeline that retrieved this source application from an Amazon S3 bucket and deployed it to three Amazon EC2 instances using AWS CodeDeploy.

For next steps, read the AWS CodePipeline Documentation.

5) Step 5: Add Another Stage to Your Pipeline

This failure is by design, to demonstrate what happens when there is a failure in a pipeline stage:

6) Step 6: Disable and Enable Transitions Between Stages in CodePipeline

7) I wanted third stage to succeed, so I added 2 more instances and edited the CodePipelineProductionFleet deployment group before enabling of the transition: