**AWS TASK 05**

Deploy a simple web application using AWS code commit, code build and deploy & access via browser and automate via codepipeline.

**Step 1:** Create an Ec2 instance.

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**Step 2:** Create a role in IAM with the AmazonEC2 Role for AWSCodeDeploy policy

1. Create “Code-Deploy-Guvi” role and attach AWSCodeDeploy, it is used for “CodeDeploy”

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1. Create “AWS-Code-Deploy-GUVI” role attach “AmazonS3fullaccess” “AWScodeDeployRole”, its for EC2 instance, attach it in Security IAM role.

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**Step3:** Install the Code deploy agent on the EC2 instance.

**sudo yum update -y**

**sudo yum install ruby -y**

**sudo yum install wget -y**

**cd /home/ec2-user**

**wget https://aws-codedeploy-us-east-1.s3.amazonaws.com/latest/install**

**chmod +x ./install**

**sudo ./install auto**

**sudo service codedeploy-agent start**

**sudo service codedeploy-agent statusA screenshot of a computer program

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**Step 4:** Create an application in Code Deploy.

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Then Create Deployment group.

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**Step 5:** Create a web application code in VScode and push it to Github.

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Step 6: Create a repository and add it to VScode and push it.

Code in GitHub after push:

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Step 7: Create Code Pipeline.

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After the pipeline deployment is completed, our site will be reachable.

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