**Task Description**

**AWS Task - 5**

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

**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 status*

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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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**Note :** Code commit cant able to perform in AWS for new customers