PROJECT-5

1)Login to the AWS Console

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2)Create EC2 instance for Jenkins.

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3)Access the instance.

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4)Install required software packages(git) for the project and start the software(Jenkins,docker).

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5)Add Jenkins port number (8080) in security group and also the port which you will have in the github repo so you can work with in Jenkins. After adding the port open the Jenkins in browser with ipv4 address and complete the setup. Click on create a job.

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6)Copy project URL.

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7)Paste it in git of Source Code Management and change the branch name according to the branch which your project is available.

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8)Go to Build steps and select “Execution shell” and type the docker commands to run the project in container and click on “Save”.

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9)Click on “Build now”.

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10)You can check it in your terminal with “docker ps” command i.e., the container is running or not. Stop the container so that we can run pipeline because it will have same port number or you can change the port number.

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11)Click on create a job select pipeline.

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12)Select “Github project” and paste project repo URL.

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13)Go to “Pipeline” and select “Pipeline script from SCM”.

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14)Give the project URL and Script path and click on save.

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15)Click on “Build now”.

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16)You can check in terminal by using the command “docker ps”.

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