Setup AzureDevops CI CD Pipeline for App Service Application & Deploy to Dev ,QA, and Production Server. Add Approver for every stage.

steps

1.Create a folder and open the command prompt

2.Write the following commands, to create any application

>md HelloWorldApp

>cd HelloWorldApp

>dotnet new

>dotnet new sln

>dir

>dotnet new mvc -n HelloWorldApp.web

>dotnet sln HelloWorldApp.sln add HelloWorldApp.web\HelloWorldApp.web.csproj

>code .

>cd HelloWorldApp.web

>dotnet run

3. Create a project in Azure

4.From repository copy the git URL

5.Go to the command prompt and type the following command

> git add .

> git commit -m "Hello World First Commit"

> git remote add origin URL

> git branch

> git push -u origin --all

6.Now the files are pushed to project created in azure

7.Now create a pipeline > Use classic editor > next > ASP.NET Core-cli >create

8.Now a job will run

9.Now in Azure create a resource group and a web app

10.Now go to azure devops

11.Create a service connection with suitable name

12.Now create a release pipeline

13.Now create the first stage that’s deployment and choose the connection and webapp created

14.Now move on to the artifact and choose the pipeline created .

15.Now the first stage is deployed

16.Similarly for the second stage that’s QA ,create a web app and do the above steps

17.Likewise complete all the stages .

18. For approval go to the pre deployment option > enable approval> add the approvers mail id > and save.

19. When the approver approves it becomes a success.

