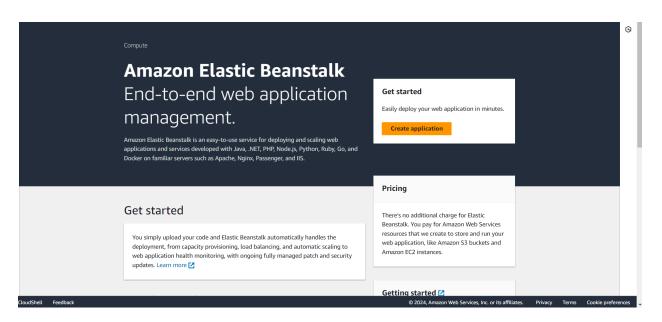
Name: Kshitij Hundre

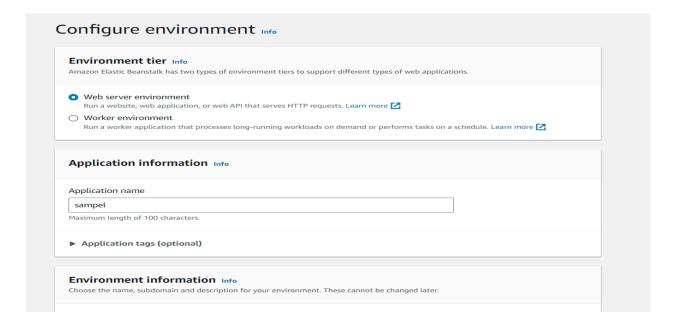
Div: D10C Roll No:18

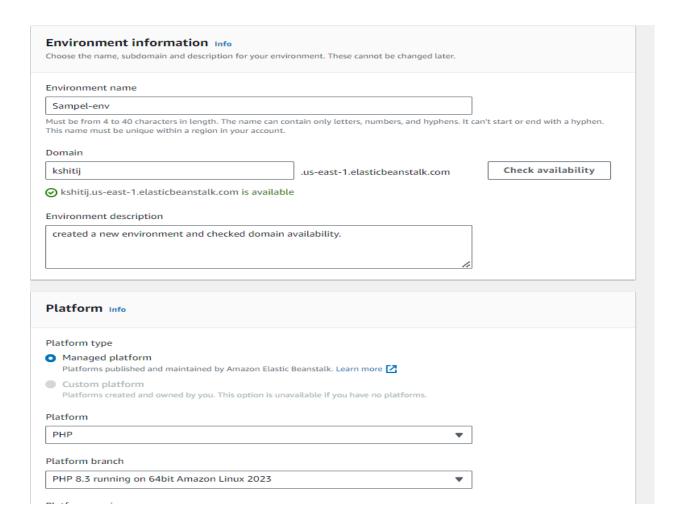
Practical No 2 : Elastic Beanstalk

1) Go to services and choose elastic Beanstalk.following page will appear.

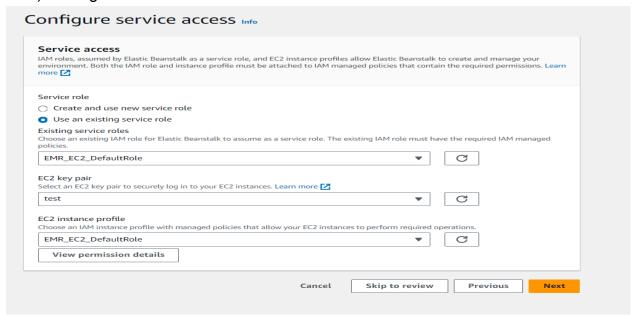


2) Configure the environment. Give the application name, check domain availability and choose PHP as platform. Then click next.

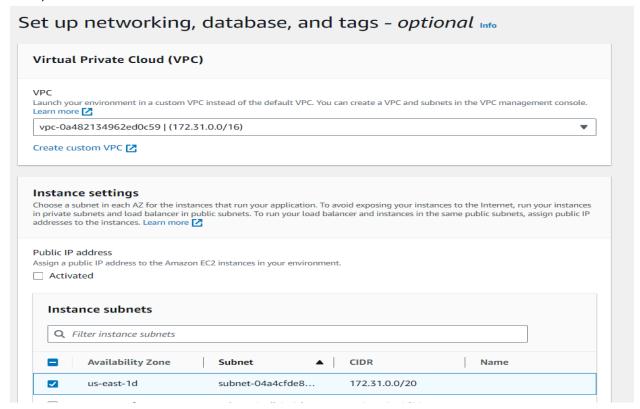




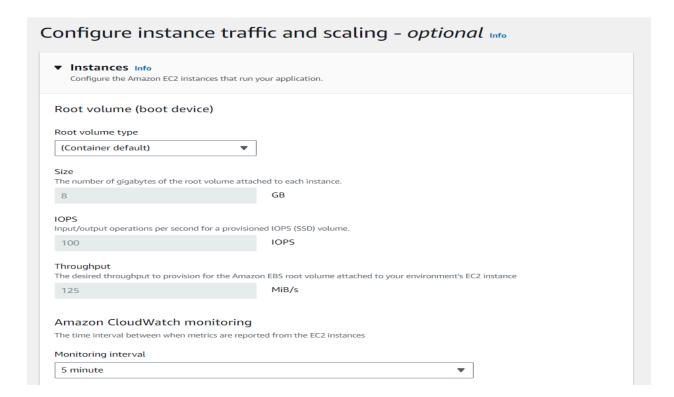
3) Configure the service access.

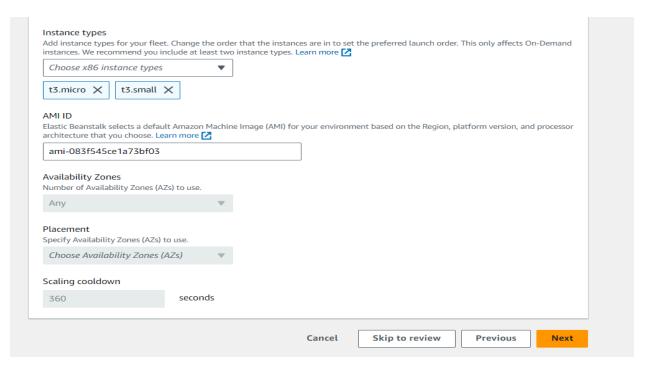


4) Choose one of the available VPC and instance subnet. Click next.

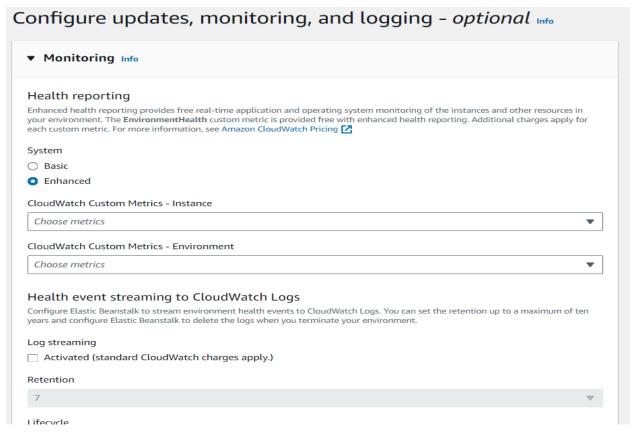


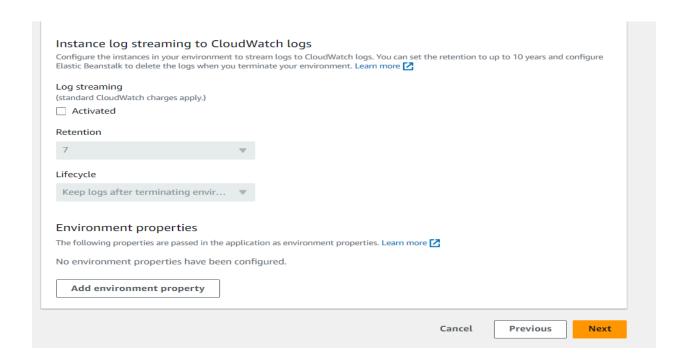
5) Configure instance traffic and scaling. Keep all the options as default.



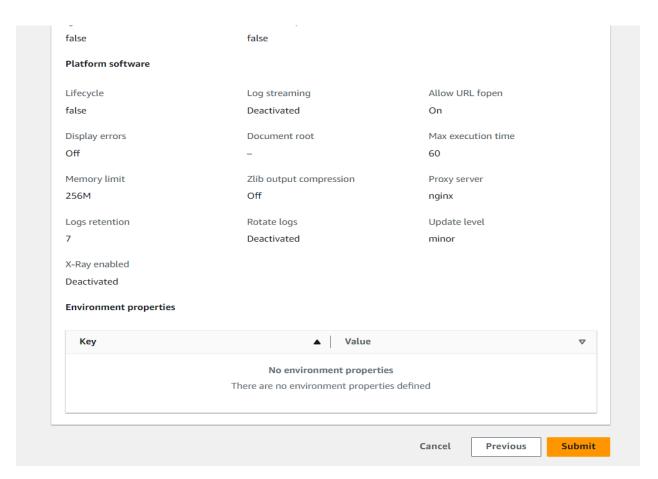


6) Configure updates, monitoring, and logging. Keep everything as default and click next.

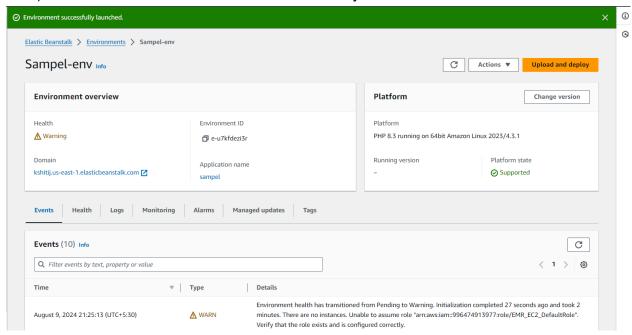




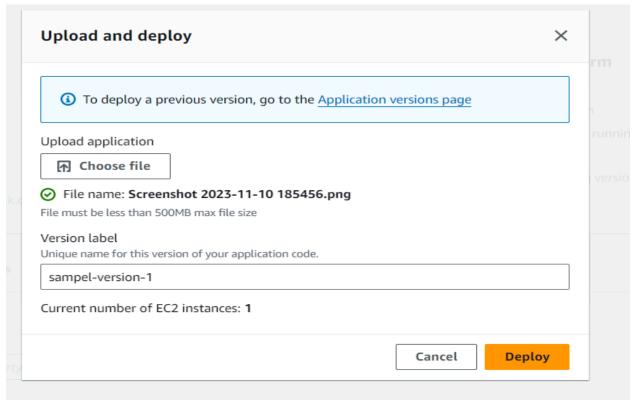
7) In the review section, click submit.

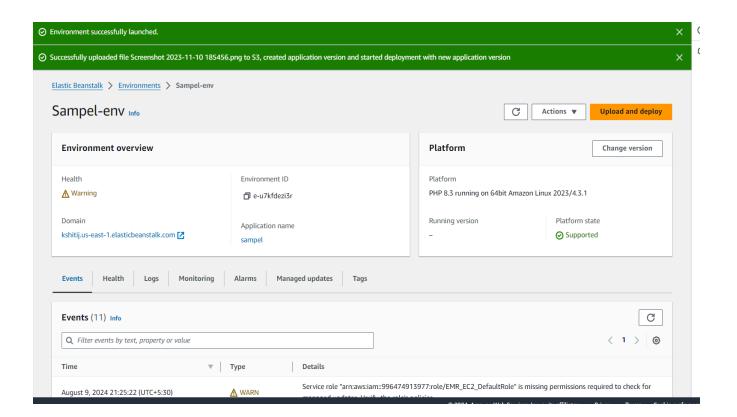


8) Environment has been created successfully.



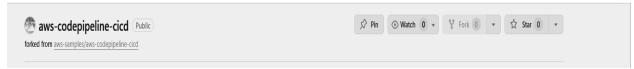
9) Deploy something on the recently created environment.



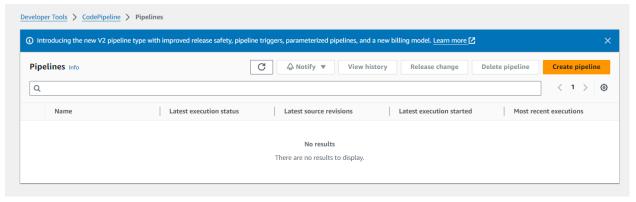


PIpeline Creation:

1) Fork a github repository. This forked repository will act as source for your code pipeline.



2) Go to developer tools and select CodePipeline and create a new pipeline



3) Create a pipeline:

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. Incedge 2020

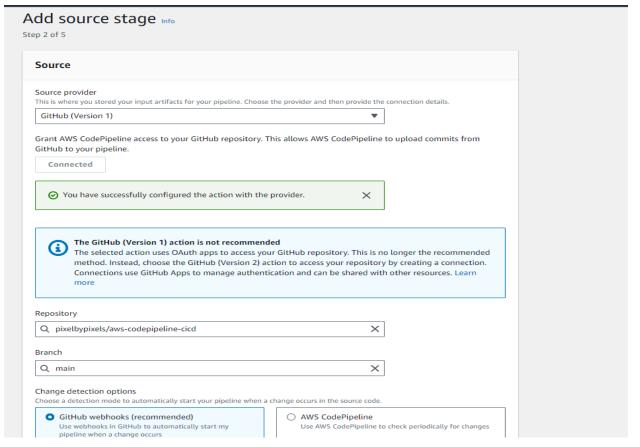
Choose pipeline settings Info

O Parallel (Pipeline type V2 required)

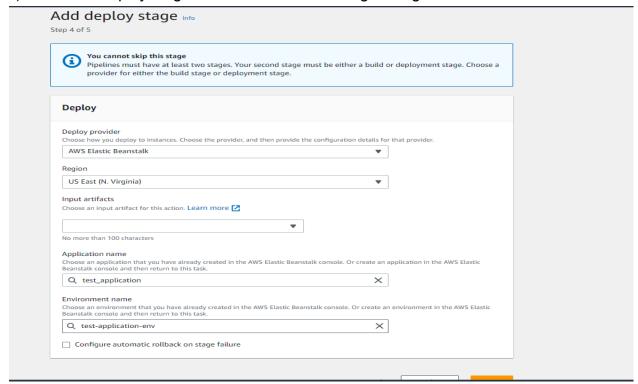
Pip	ipeline settings	
Pipe	line name	
nte	the pipeline name. You cannot edit the pipeline name after it is created.	
fir	tpipeline	
Ė	You can no longer create V1 pipelines through the console. We recommend you use the V2 pipeline type with improved release safety, pipeline triggers, parameterized pipelines, and a new billing model.	
xe	You can no longer create V1 pipelines through the console. We recommend you use the V2 pipeline type with improved release safety, pipeline triggers, parameterized pipelines, and a new billing model.	
Exe	You can no longer create V1 pipelines through the console. We recommend you use the V2 pipeline type with improved release safety, pipeline triggers, parameterized pipelines, and a new billing model.	

Add source stage Info Step 2 of 5 Source Source provider This is where you stored your input artifacts for your pipeline. Choose the provider and then provide the connection details. GitHub (Version 1) Grant AWS CodePipeline access to your GitHub repository. This allows AWS CodePipeline to upload commits from GitHub to your pipeline. **Connect to GitHub** The GitHub (Version 1) action is not recommended The selected action uses OAuth apps to access your GitHub repository. This is no longer the recommended method. Instead, choose the GitHub (Version 2) action to access your repository by creating a connection. Connections use GitHub Apps to manage authentication and can be shared with other resources. Learn Change detection options Choose a detection mode to automatically start your pipeline when a change occurs in the source code. GitHub webhooks (recommended) AWS CodePipeline Use AWS CodePipeline to check periodically for changes Use webhooks in GitHub to automatically start my pipeline when a change occurs

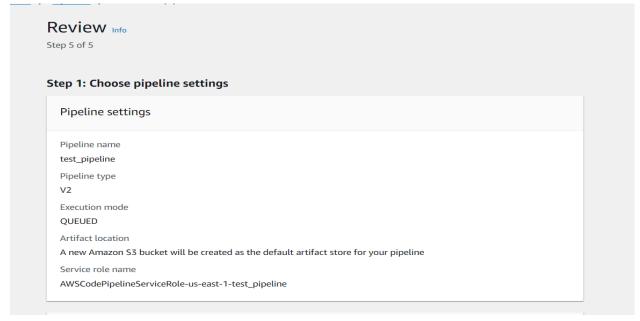
S



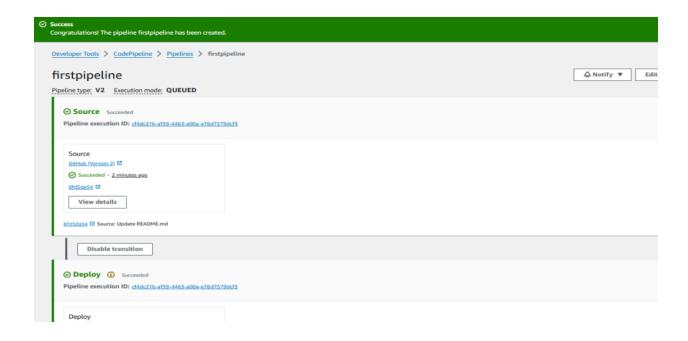
5) Go to the deploy stage and ensure the following settings.



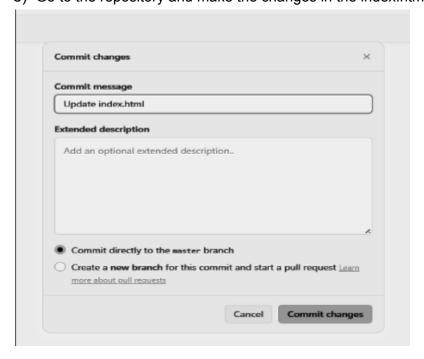
6) review the pipeline settings.



7) Then go ahead and check the URL provided in the EBS environment.



8) Go to the repository and make the changes in the index.html file and commit them



9)The changes that are committed can be noticed in the source panel in real time and to view the changes check the url (refresh it) and you can view the changes once the deployment section shows success.

Hello this is my first deployment D15C

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

For next steps, read the AWS CodePipeline Documentation. Incedge 2020