Name: Ankam Ravi Kumar

# Elastic Beanstalk Assignment

## Problem Statement:

You work for TechArkit Corporation. Your corporation wants to launch a new web-based application and they do not want their servers to be running all the time. It should also be managed by AWS. Implement suitable solutions.

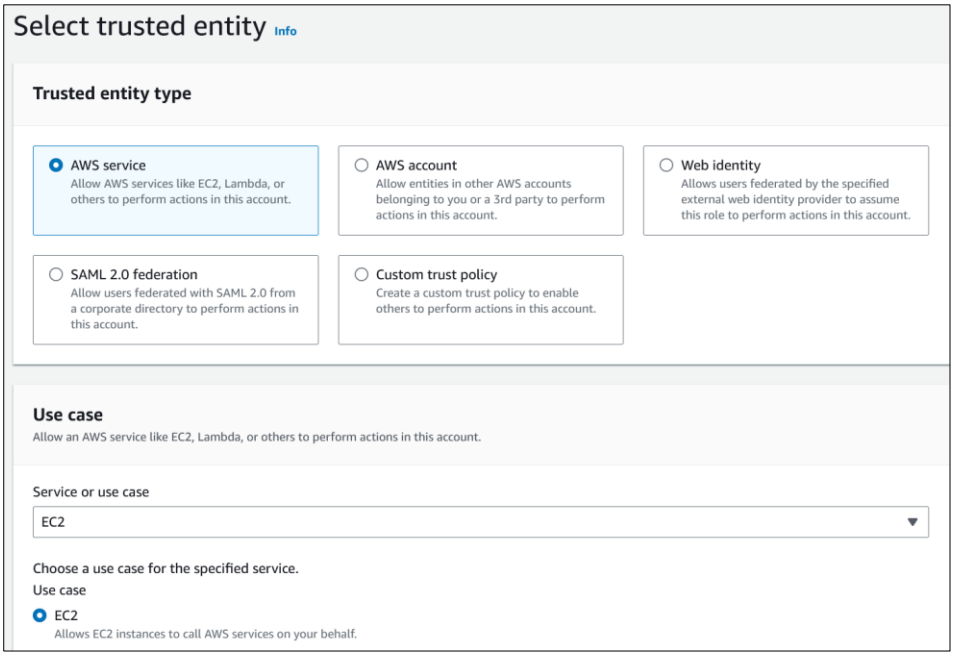
## Tasks To Be Performed:

1. Create an Elastic Beanstalk environment with the runtime as PHP.

2. Upload a simple PHP file to the environment once created

## Answer

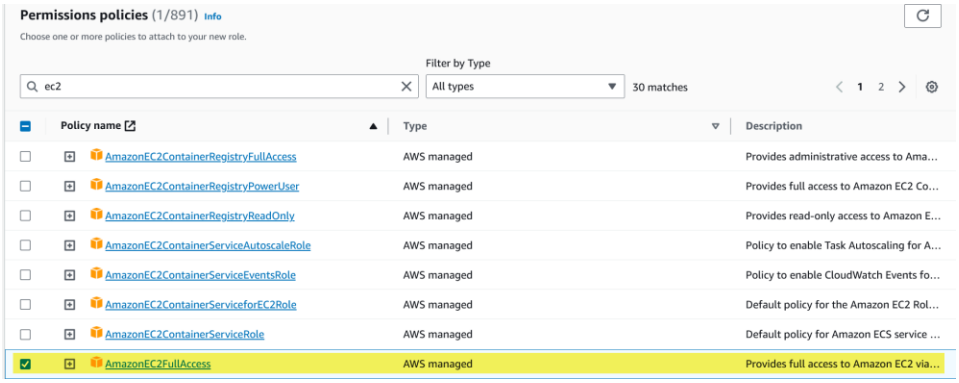
Go to IAM service and Create a Role




- Select AWS Service
- EC2 (Service name)

Click **Next**

Name: Ankam Ravi Kumar

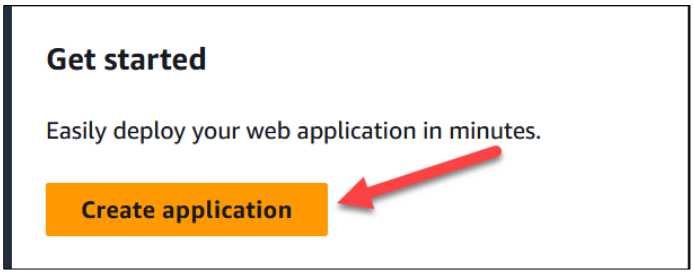



Select EC2 Full access

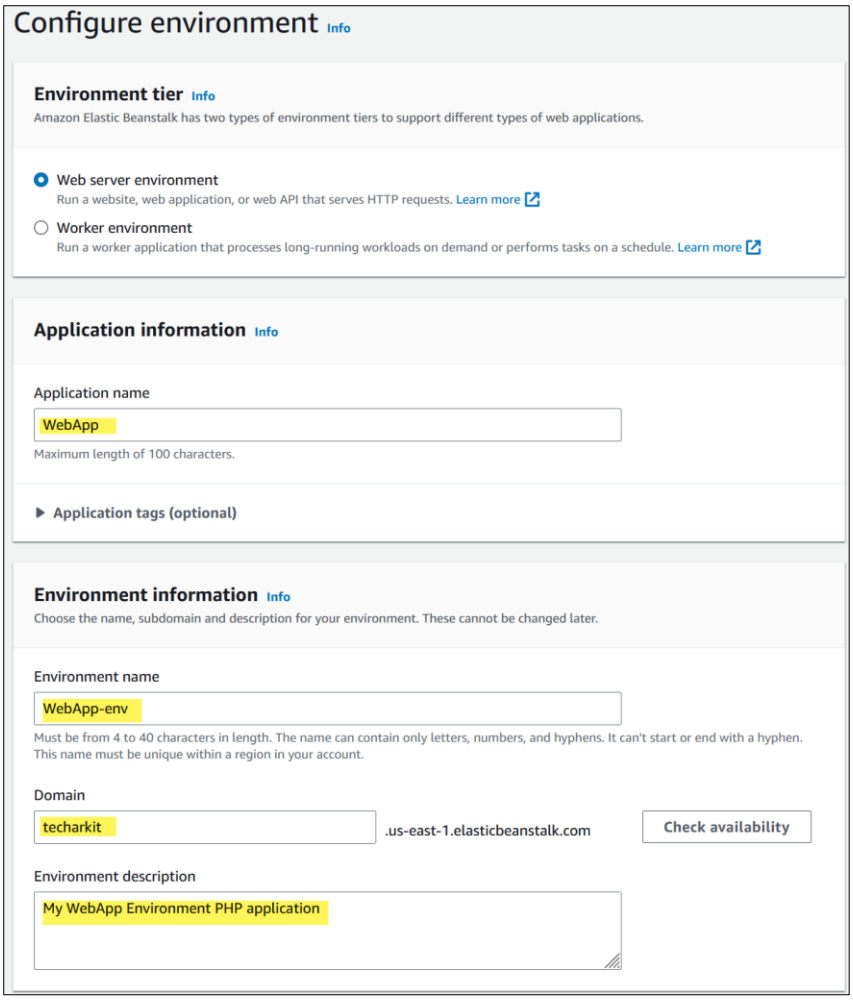
Click **Next**


Click **Create Role**

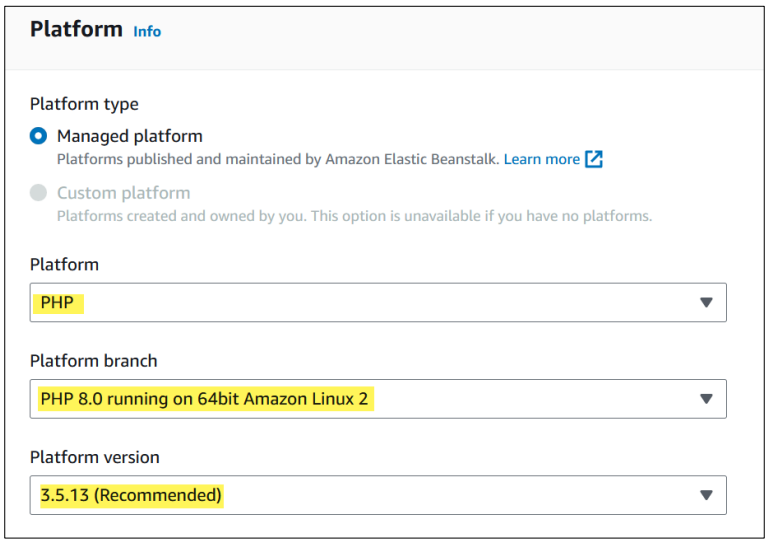

Login to AWS Web Console, Direct to Elastic Beanstalk using the search bar



Name: Ankam Ravi Kumar

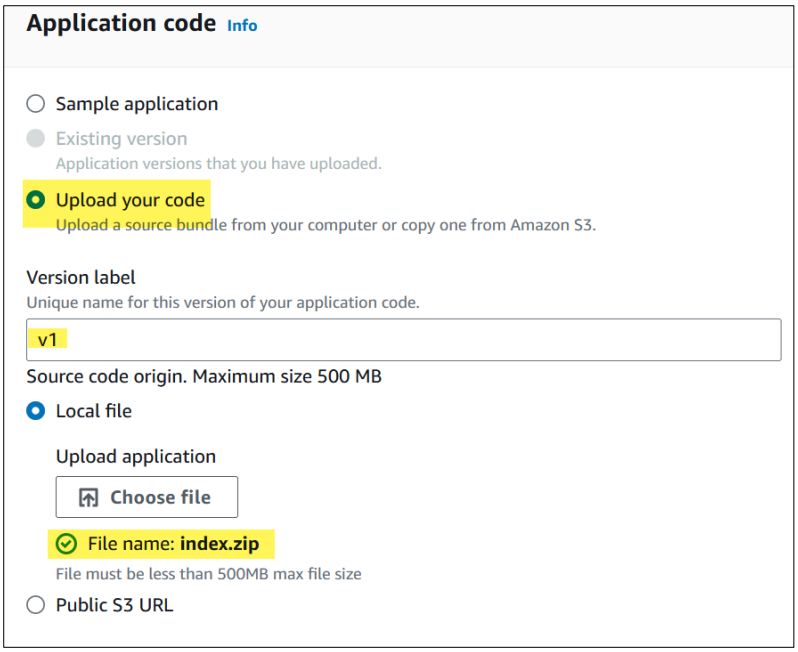



- Provide your application name.
- Environment name is auto-populated based on app name
- Provide the domain name if you wanted to customize otherwise leave blank it will auto create for you.

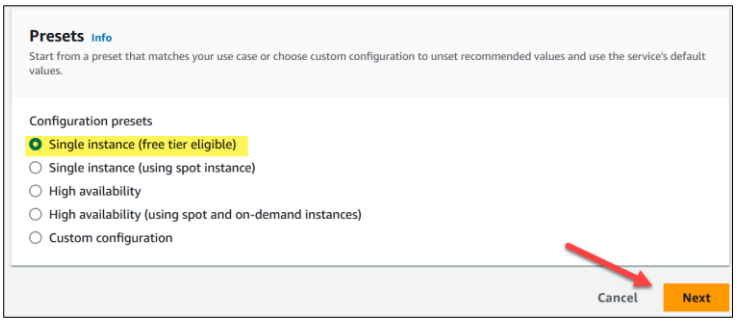



Select as a Managed platform since it is managed service by AWS, we no need worry about underlining infrastructure.

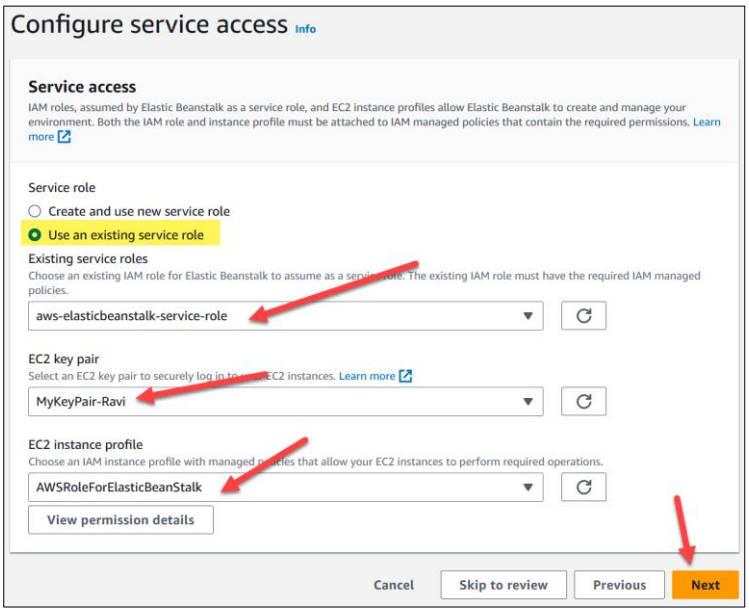
Name: Ankam Ravi Kumar




Select **Upload your code**, specify the version number, Local file since we have code at the local system, Upload it.



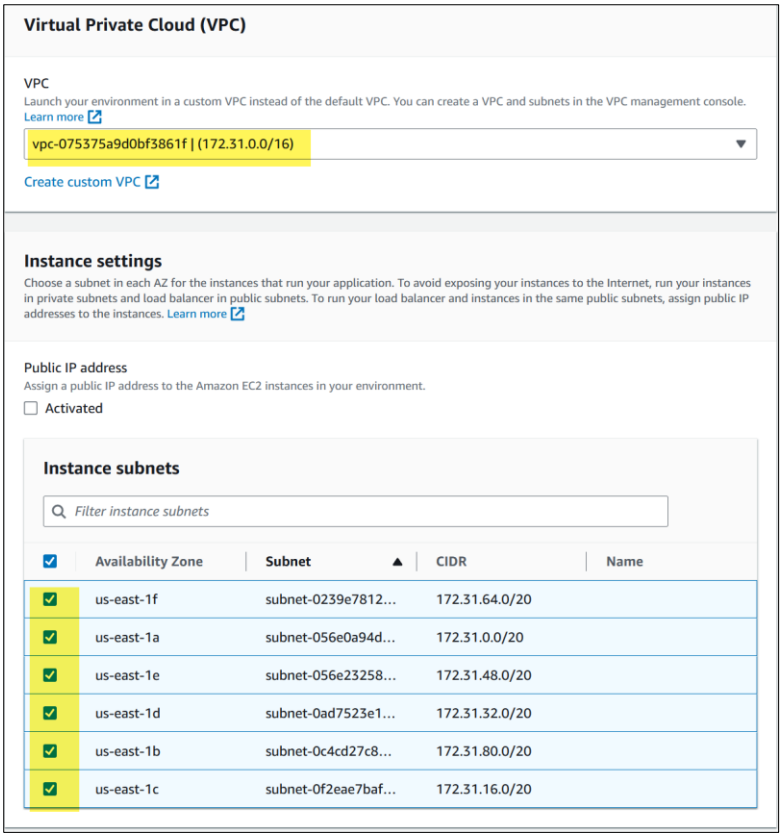

Click **Next**



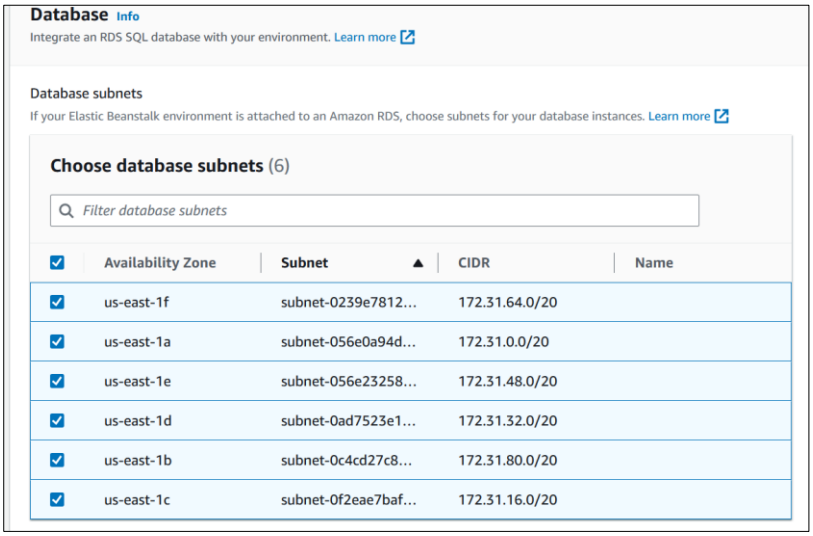

Select the existing role which we have created at the first step

Name: Ankam Ravi Kumar

Click **Next**



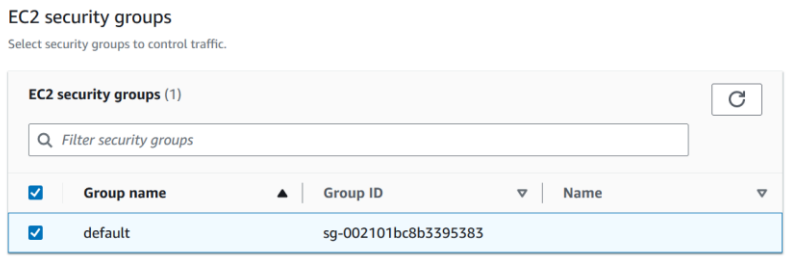

Select the VPC and Subnets to deploy the application




Click **Next**

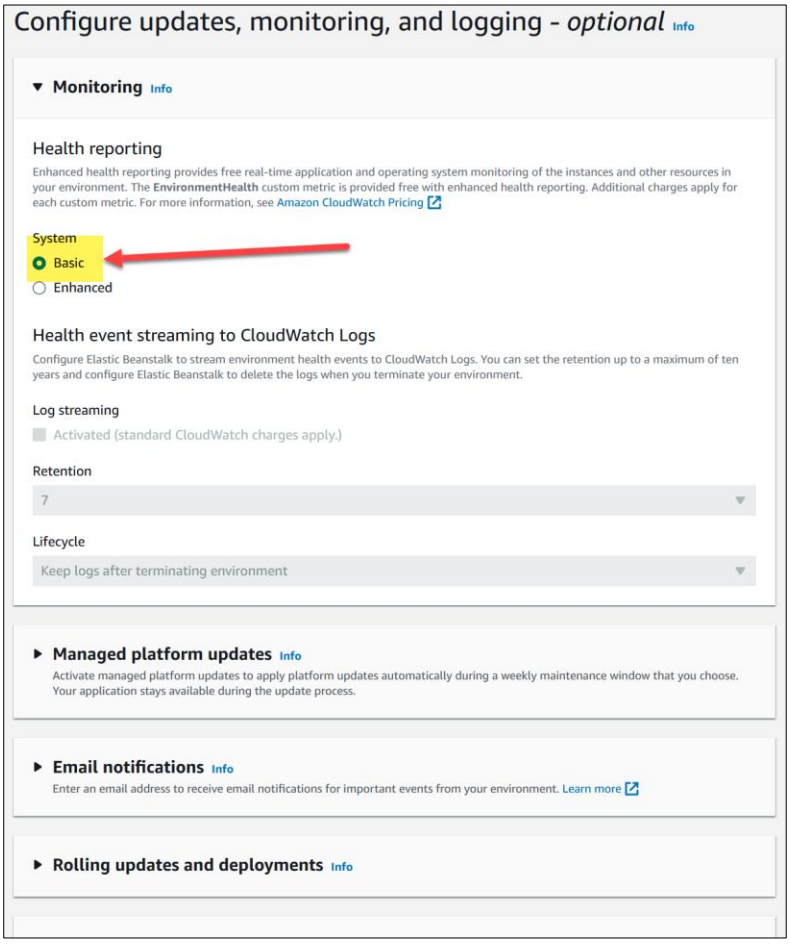
Configure instance traffic and scaling – optional

Name: Ankam Ravi Kumar



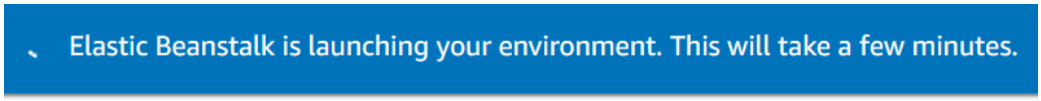

Select the correct EC2 Security groups.

Click **Next**



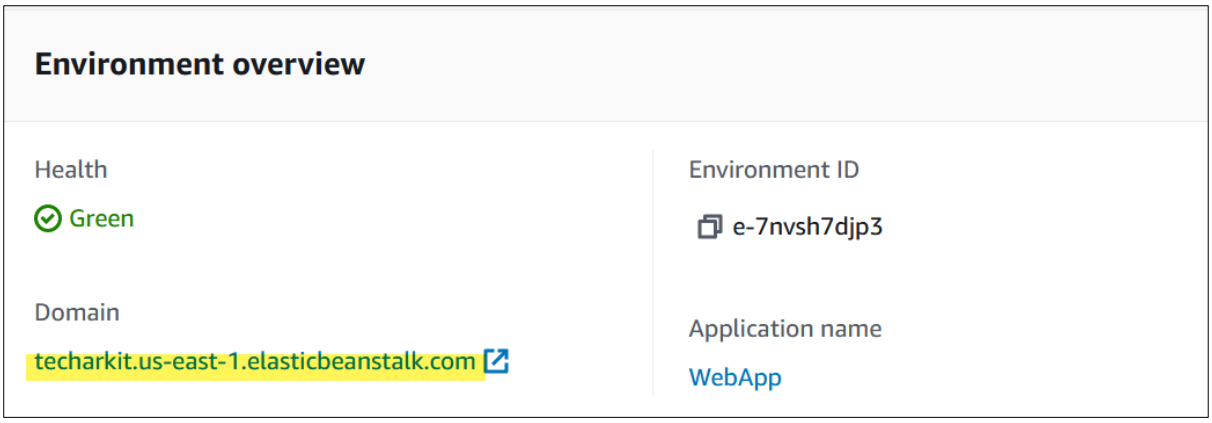

Click **Next**

Click **Submit**

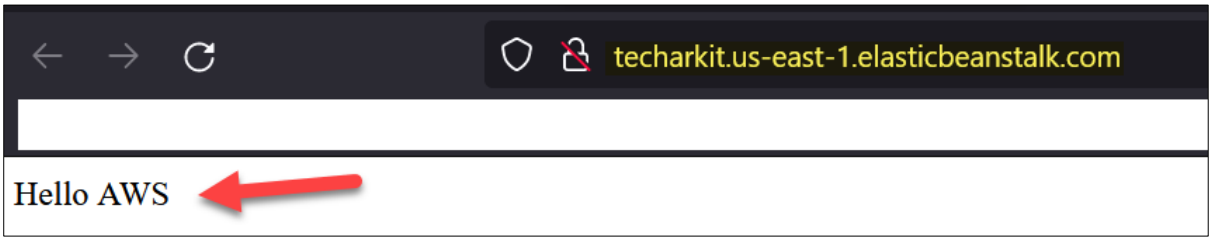



It will take a few minutes to bring up the application environment.

Name: Ankam Ravi Kumar




Access the application using the above URL.




The application is deployed and accessible.