Name: Anthea Gamjya

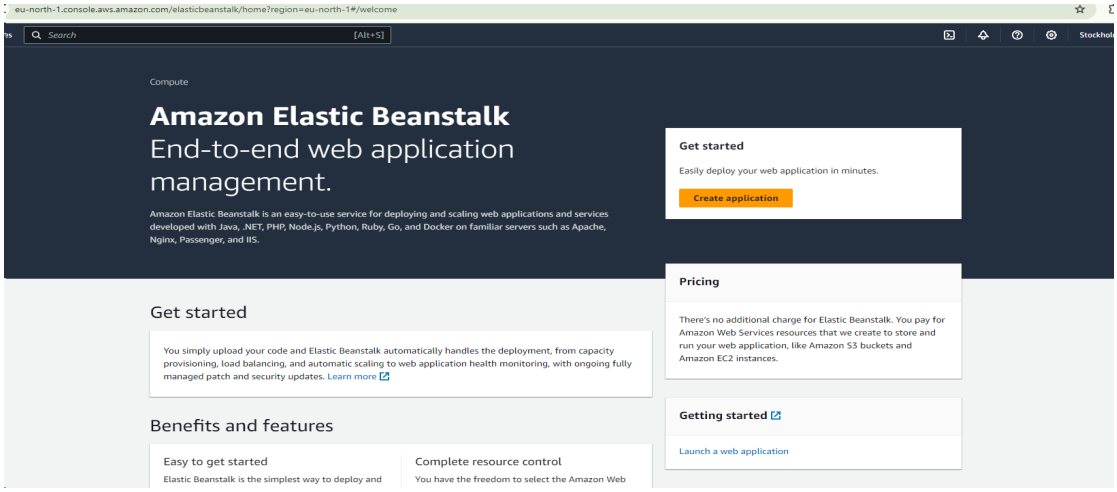
Roll no: A022

Date of submission: 30/1/24

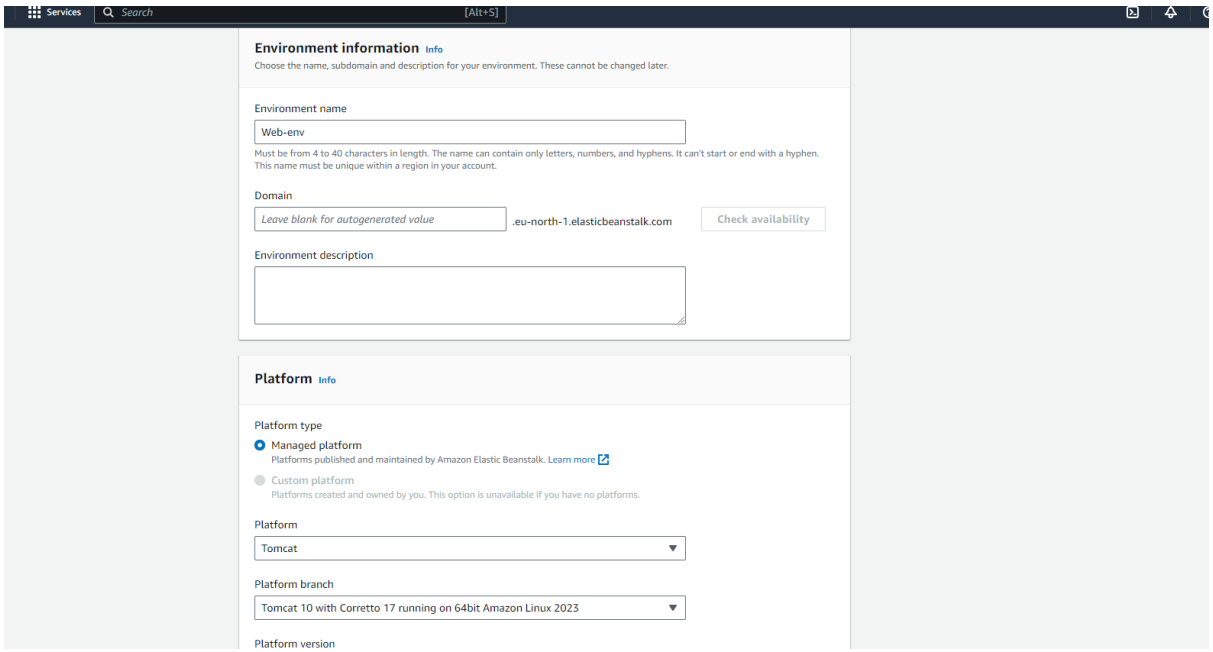
Practical 2:Implementation of PAAS using AWS

For tomcat (without code**)**

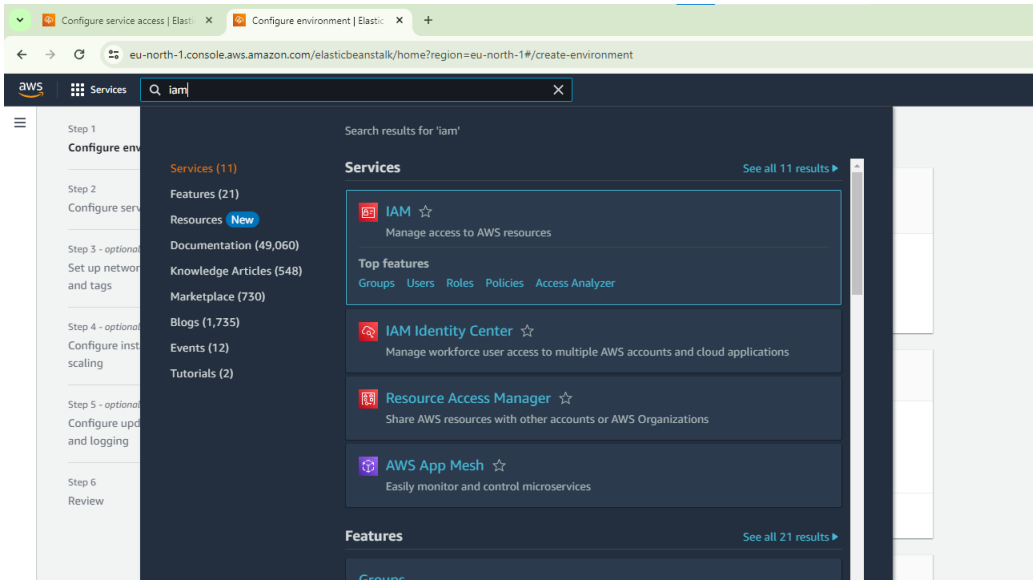
1) Login into your aws account
2) In services search elastic beanstalk
3) Create application



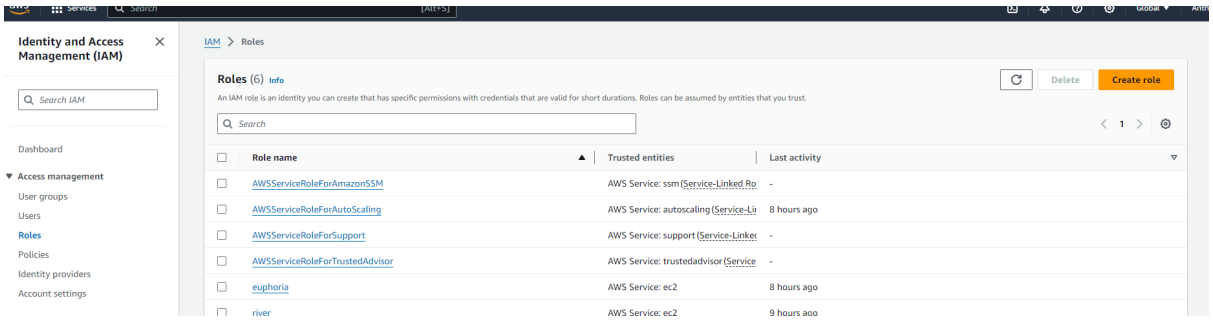
4) Create environment
5) Enter name
6) Select platform -> Tomcat



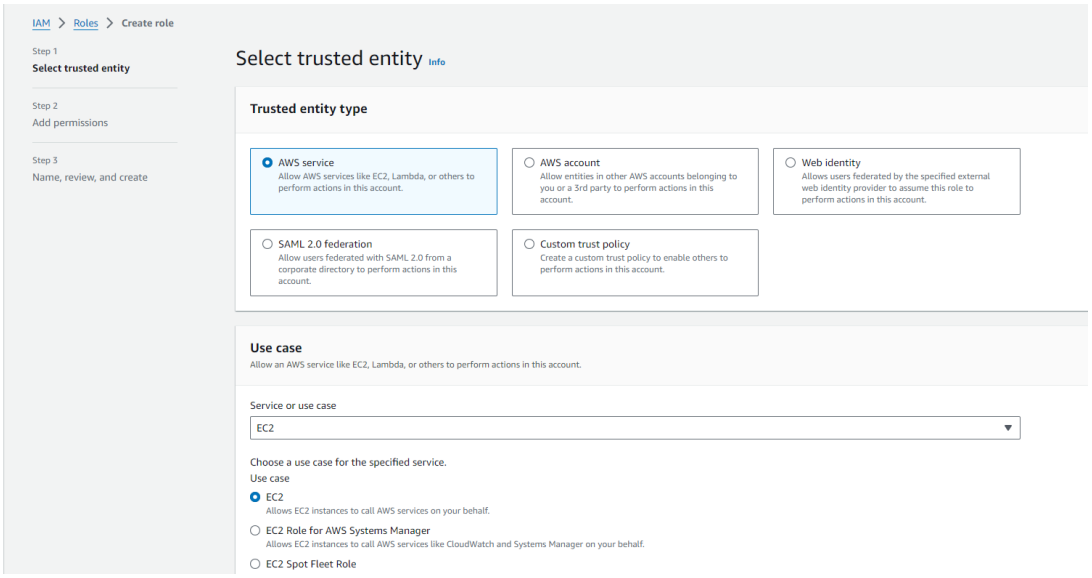
7) Duplicate the web page and from services select IAM



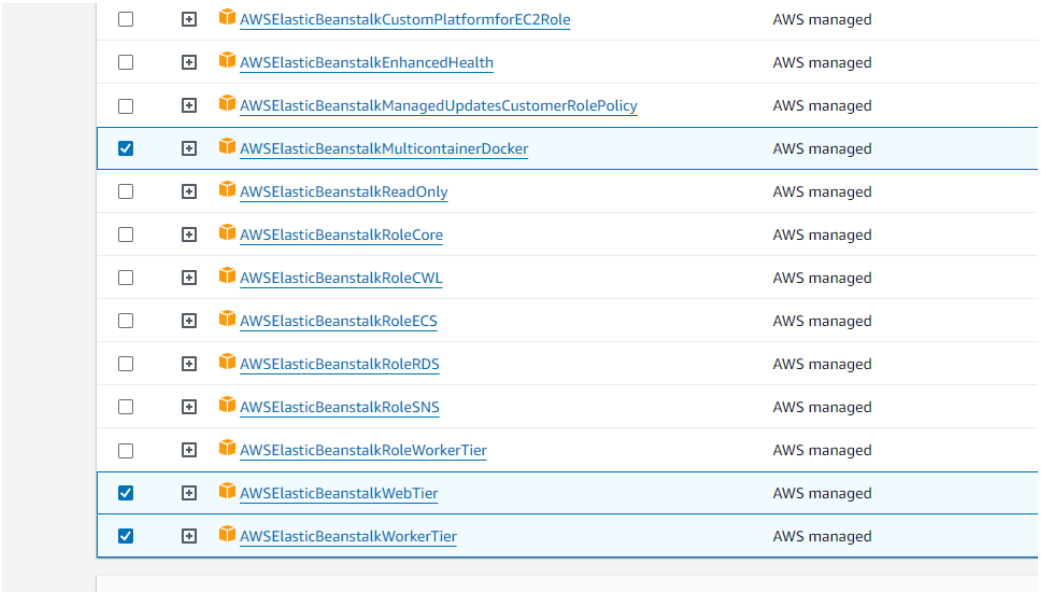
8) Click of Roles
9) Create Role



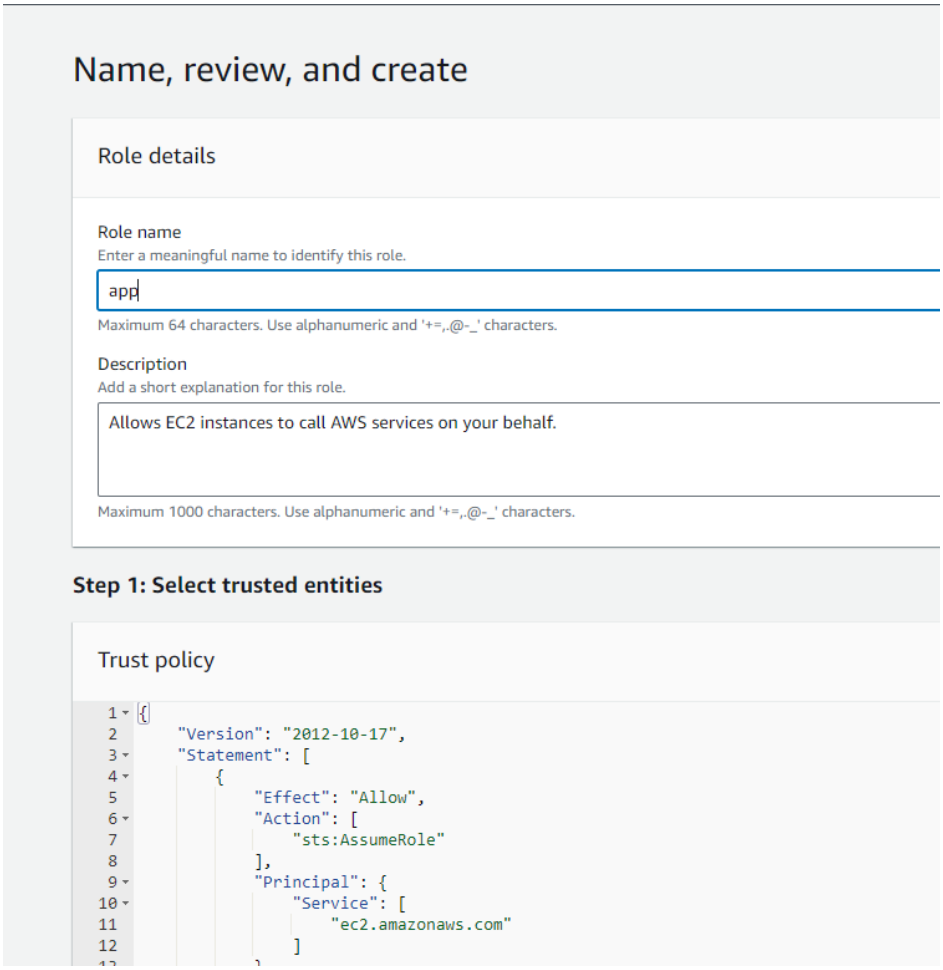
10) In the select entrusted entity > use case >select EC2



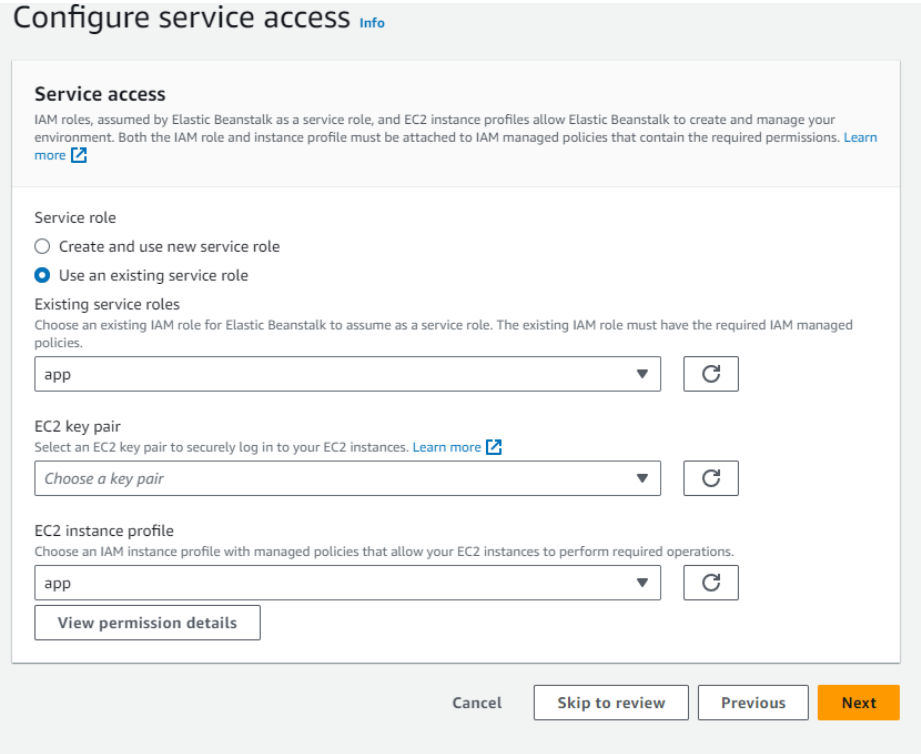
11) In add permissions search> beanstalk
12) Select the 3 -> docker,webTier,workerTier



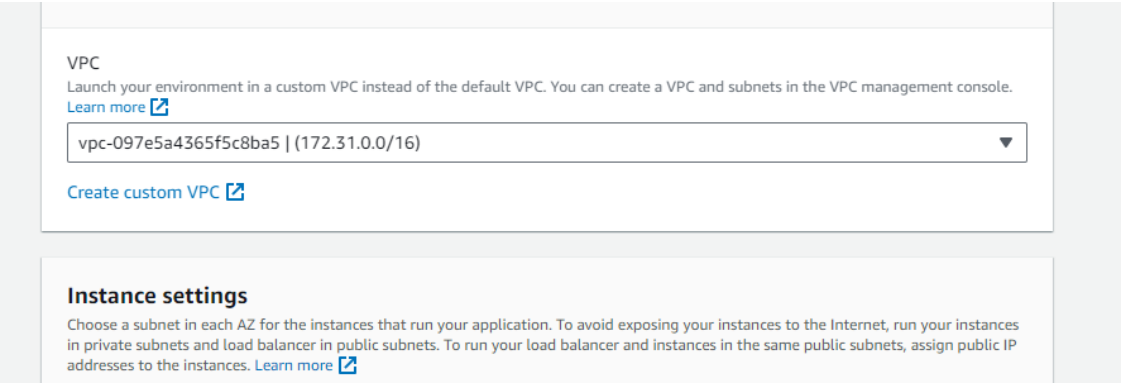
13) Enter the dets for Role



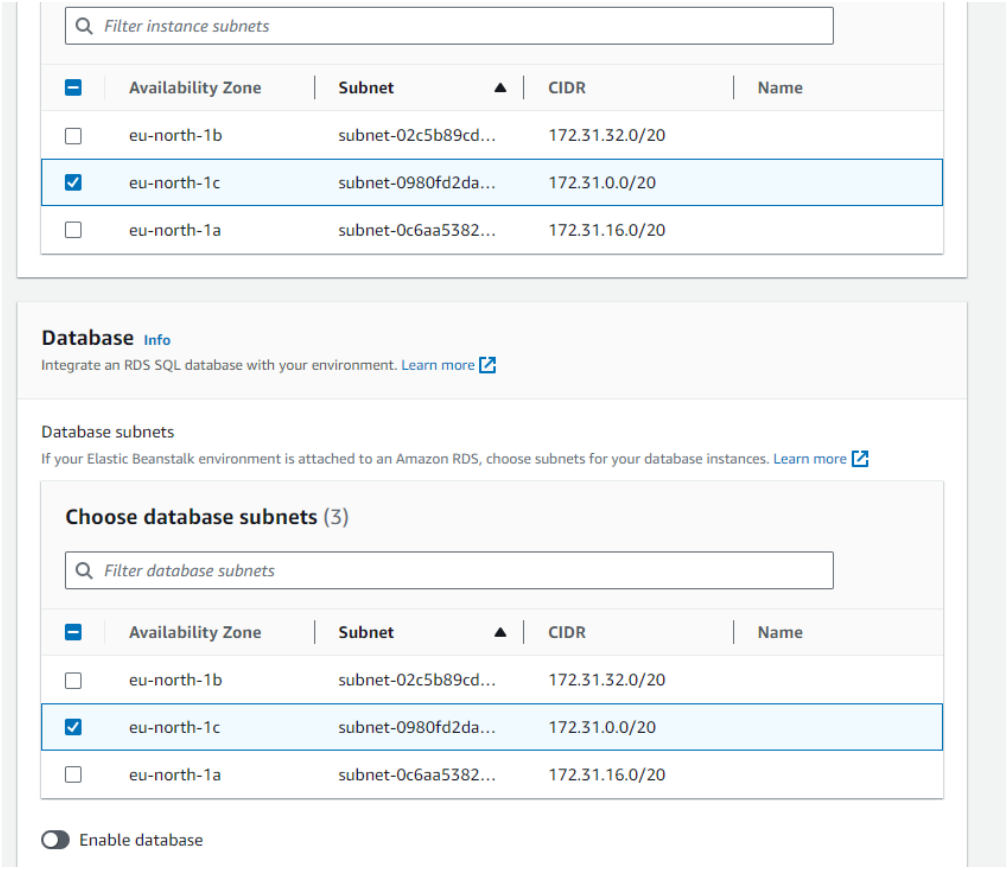
14) Role is created
15) Go back to the original web page(not the duplicated) > refresh and select the role which we created just now



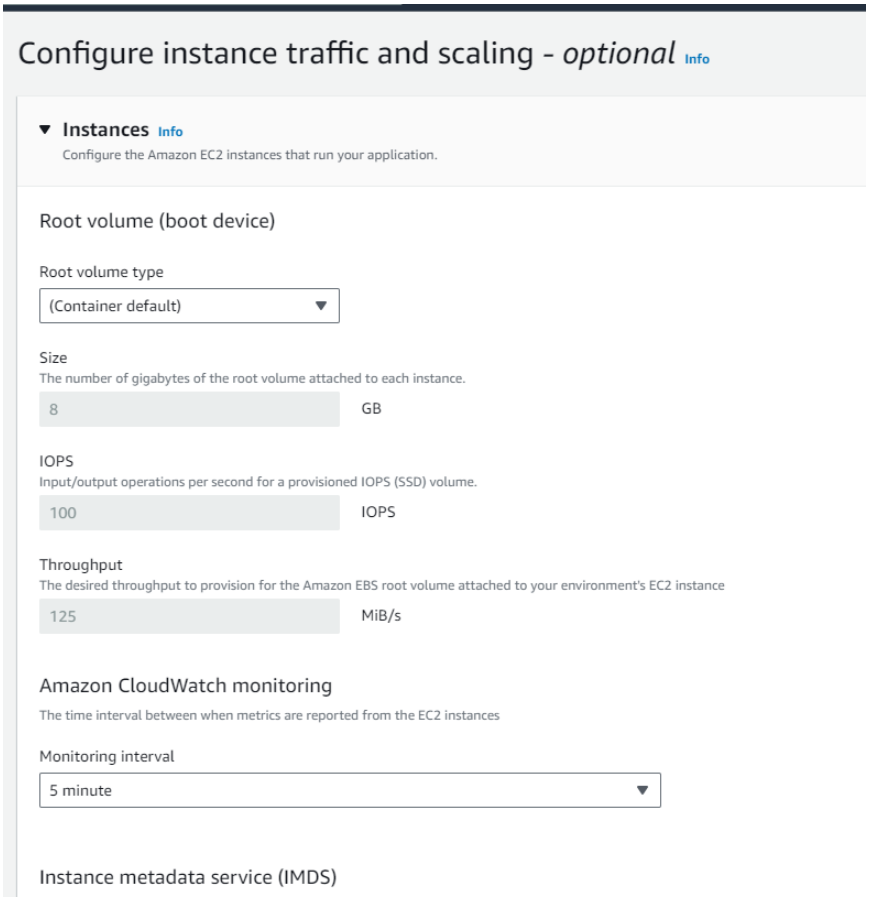
16) Next
17) Select the default vpc address



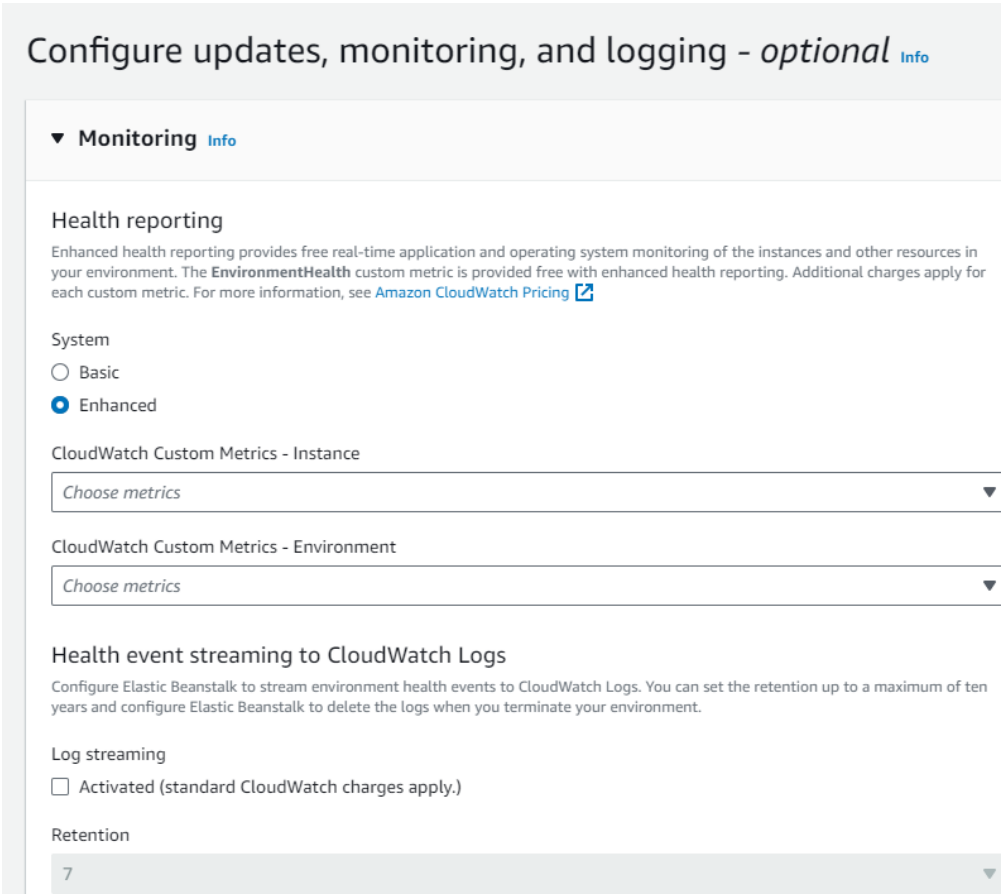
18) Select the cidr which is similar to vpc address



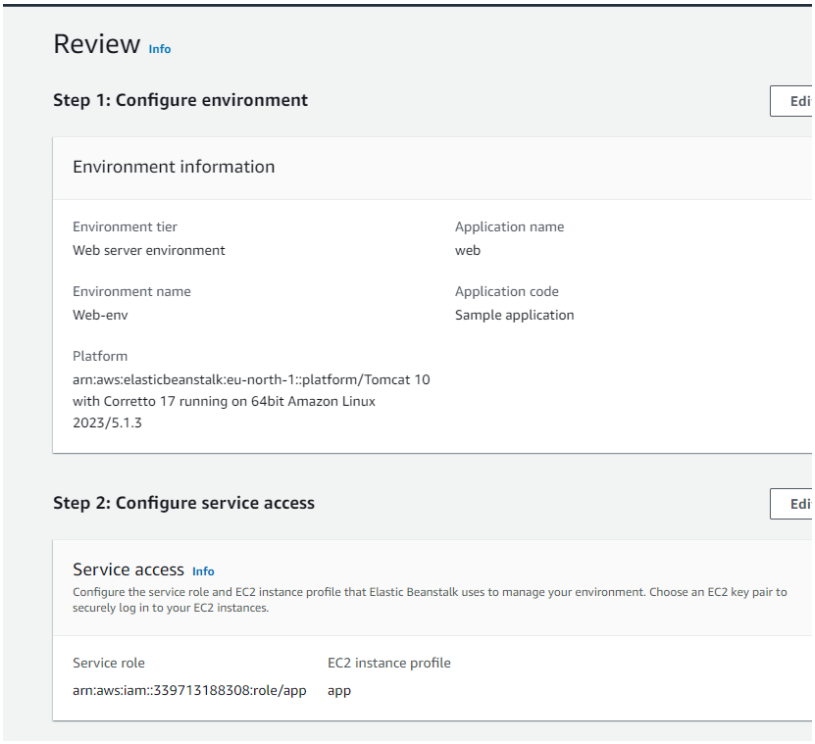
19) Keep the default options for configure



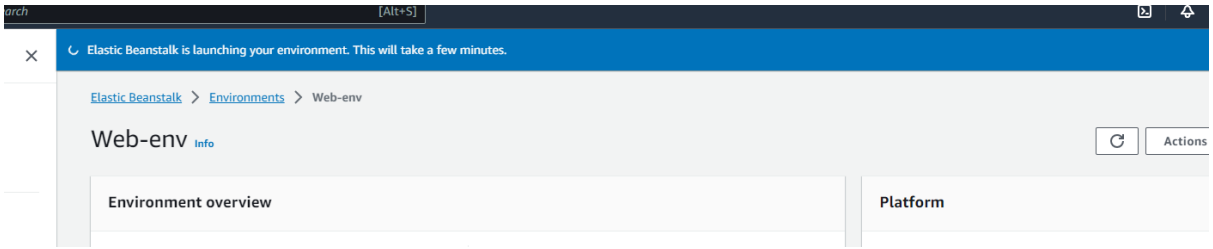
20)



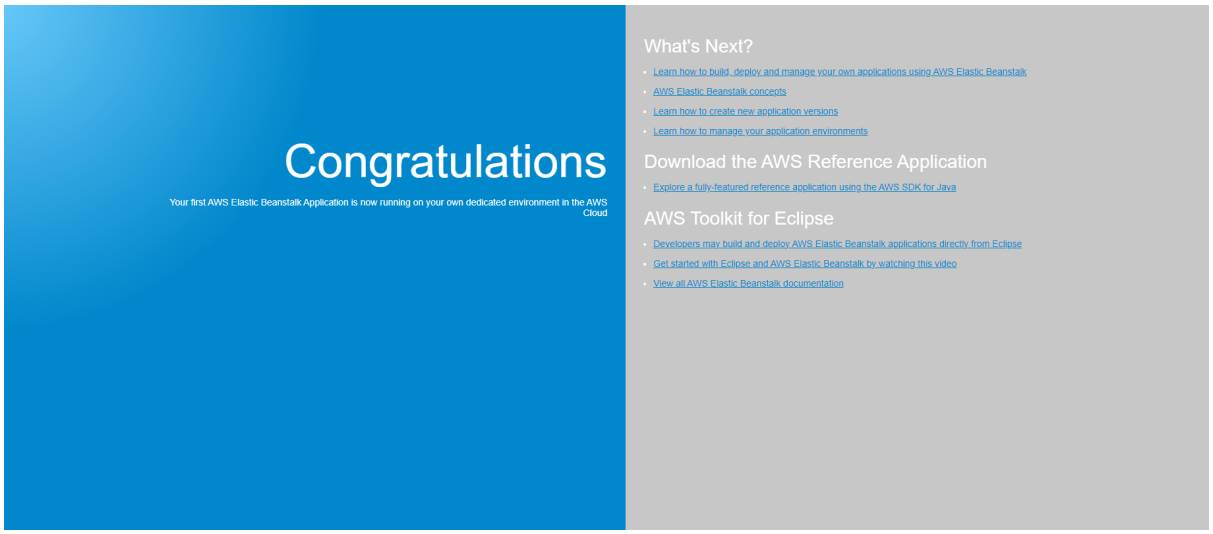
21) Review the dets



22) Create > elastic beanstalk is launching the environment

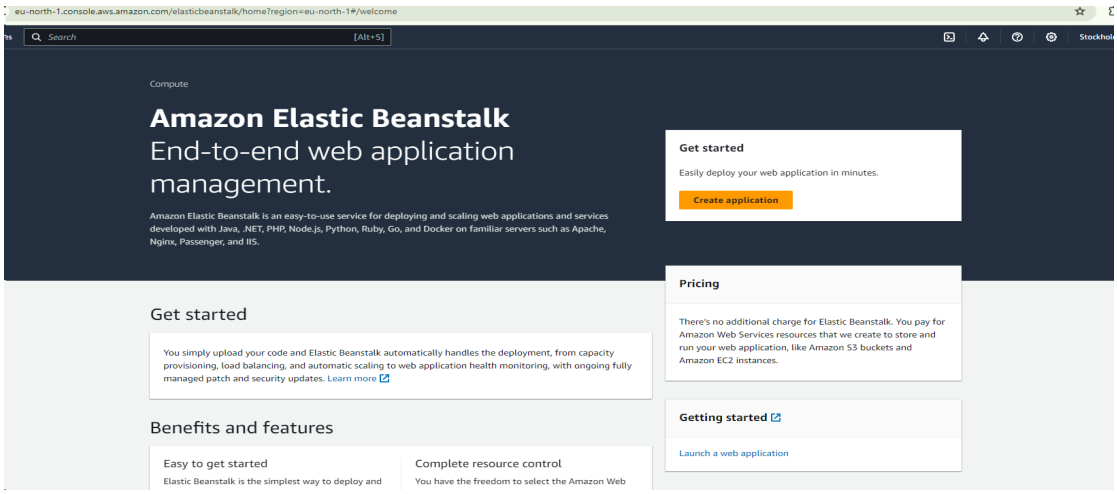


23) Tomcat cat application is running

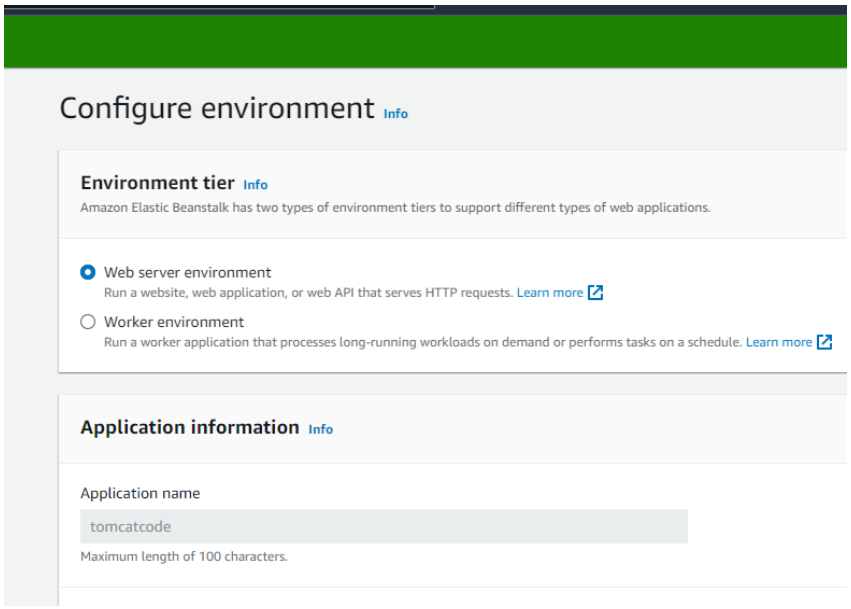


For tomcat (with code)

1) Login into your aws account
2) In services search elastic beanstalk
3) Create application

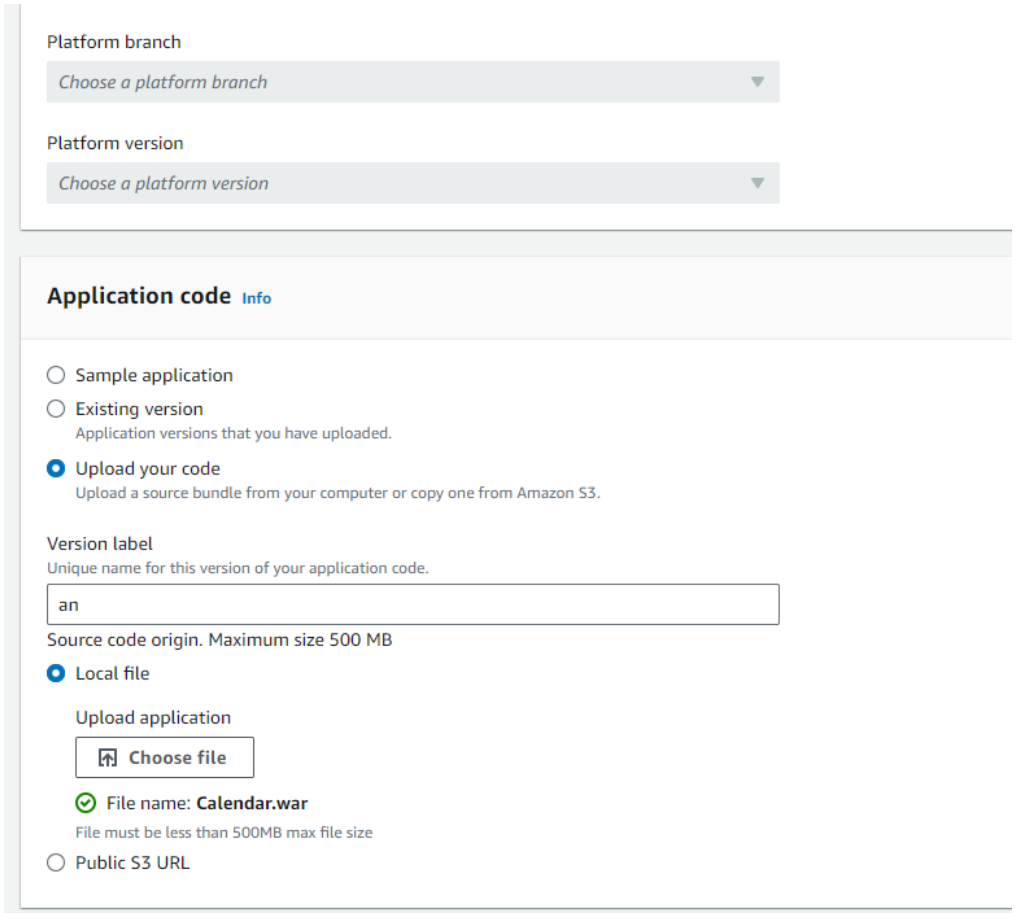


4) Create environment
5) Enter name
6) Select platform -> Tomcat

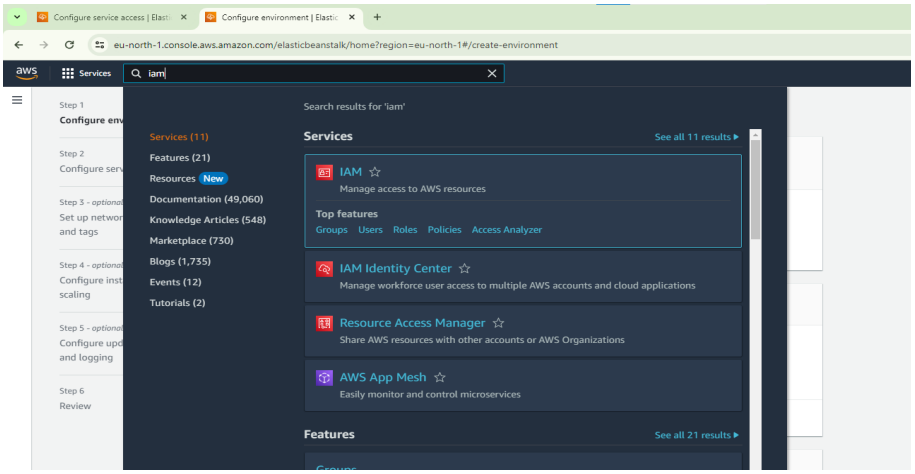


Application >app code> upload your code >

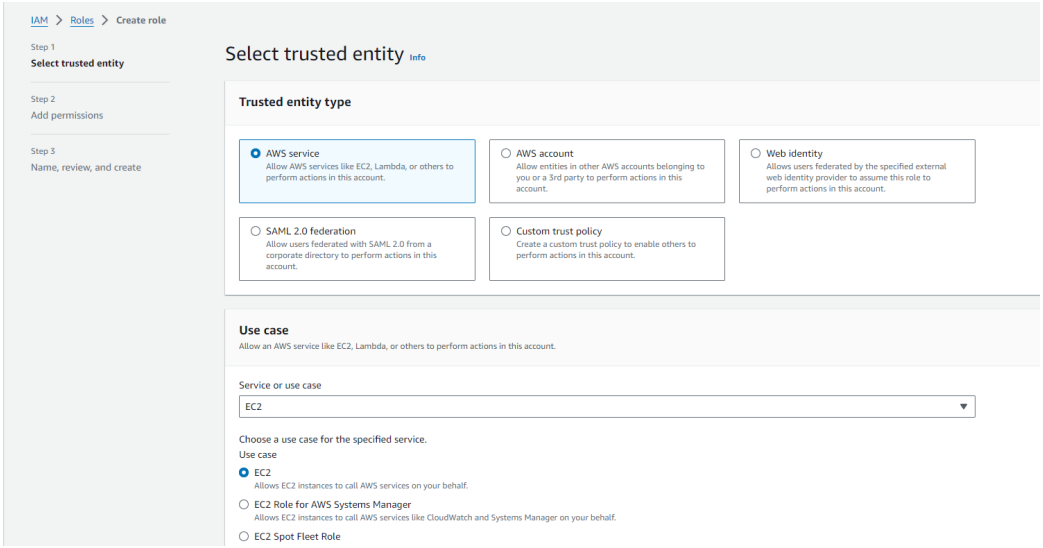
Write a version label -> local file ->choose file (calender.war from github)



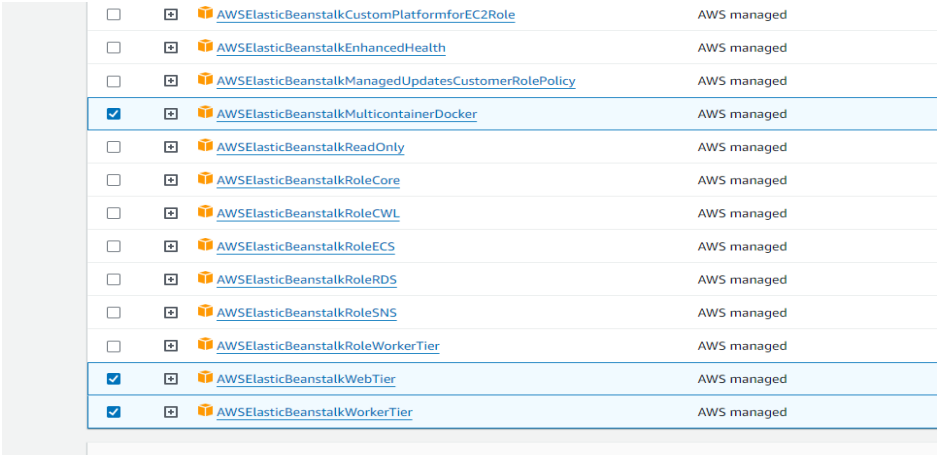
7) Duplicate the web page and from services select IAM



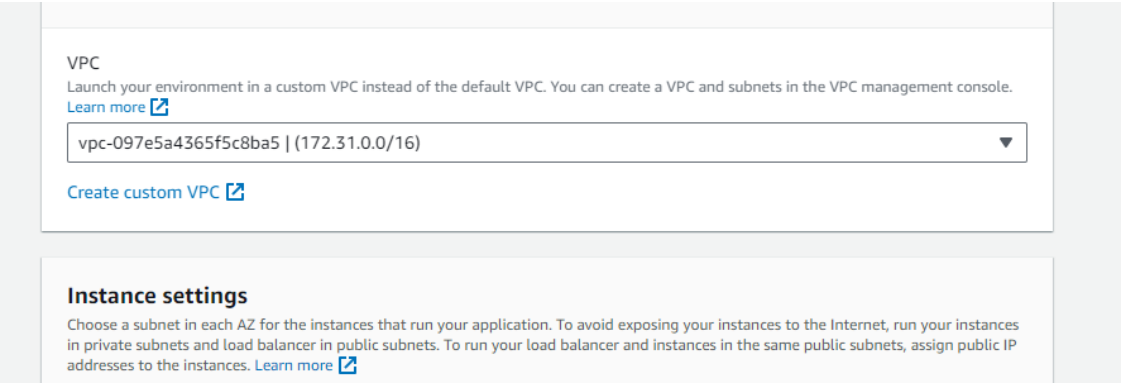
8) Click of Roles
9) Create Role
10) In the select entrusted entity > use case >select EC2



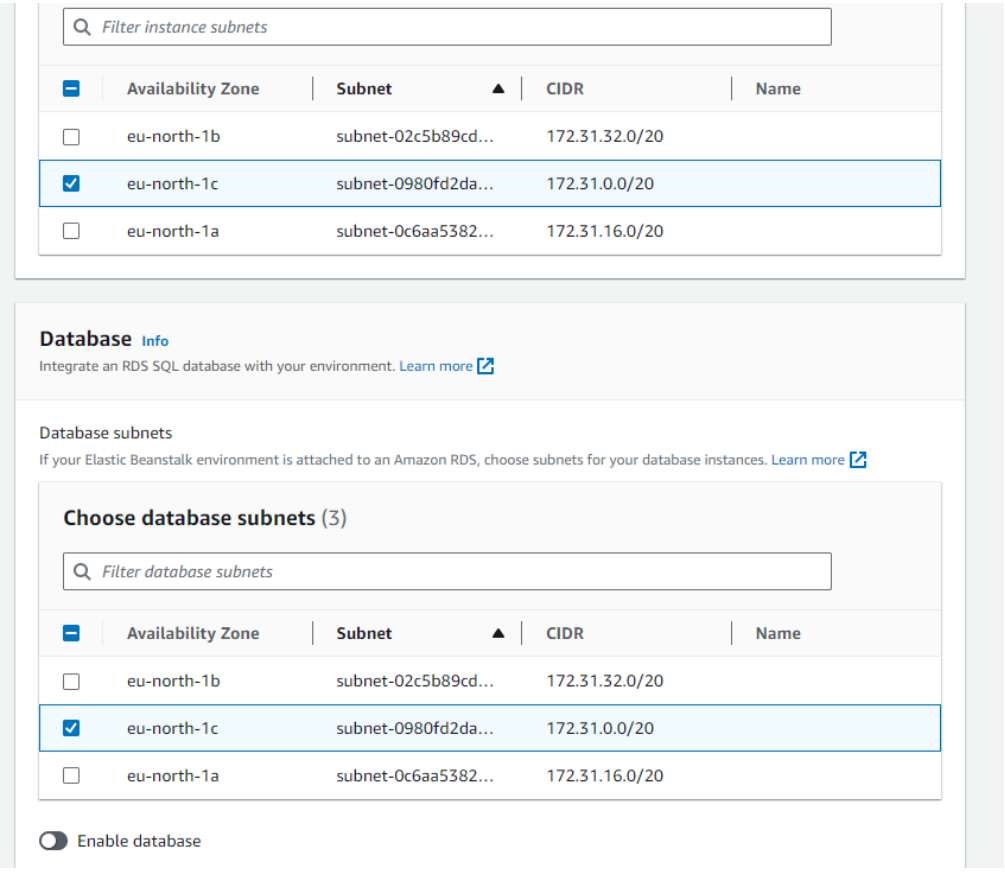
11) In add permissions search> beanstalk
12) Select the 3 -> docker,webTier,workerTier



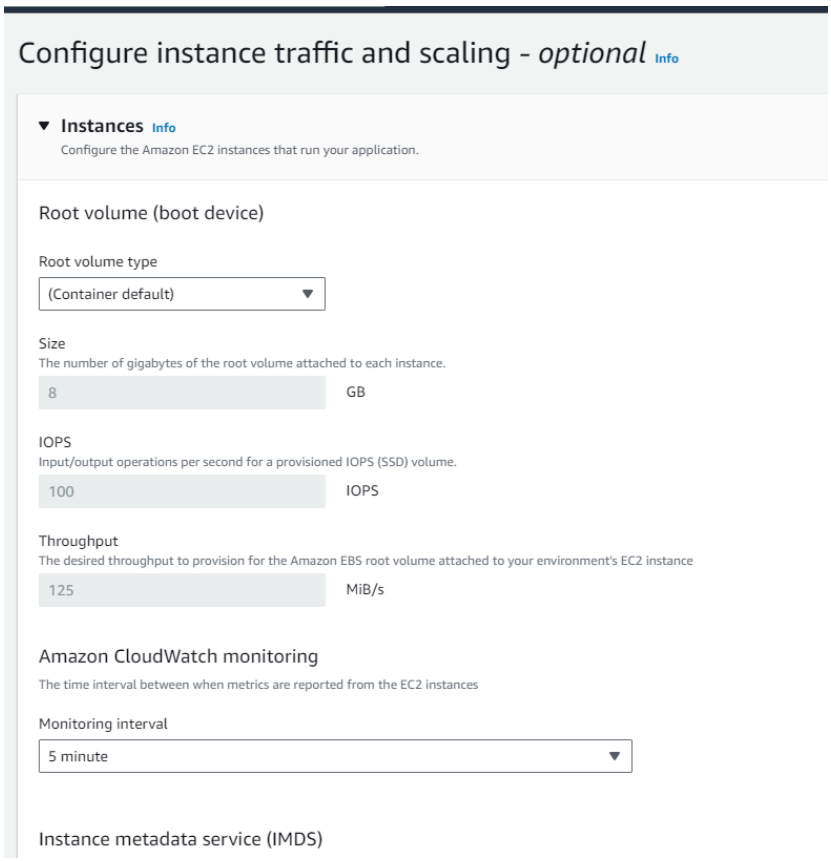
13) Enter the dets for Role
14) Role is created
15) Go back to the original web page(not the duplicated) > refresh and select the role which we created just now
16) Select the default vpc address



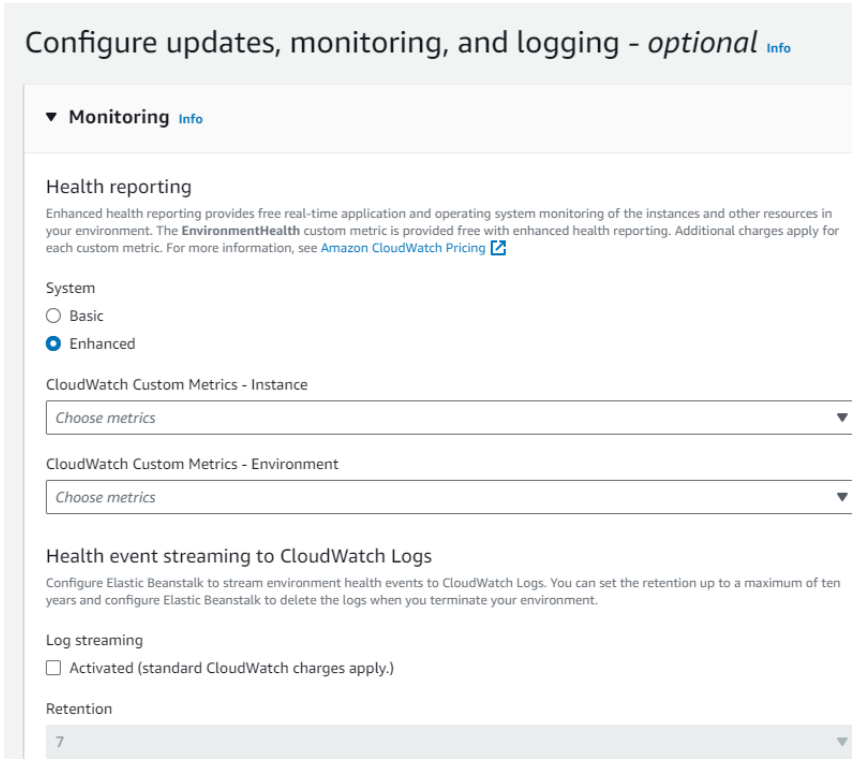
17) Select the cidr which is similar to vpc address



18) Keep the default options for configure



19)



20) Review the dets
21) Create > elastic beanstalk is launching the environment
22) Launched

23) Select domain
24) Calendar will be launched