Name: Anthea Gamjya

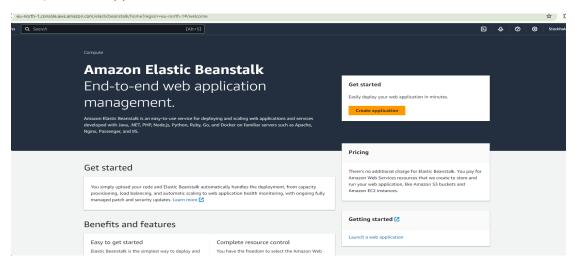
Roll no: A022

Date of submission: 30/1/24

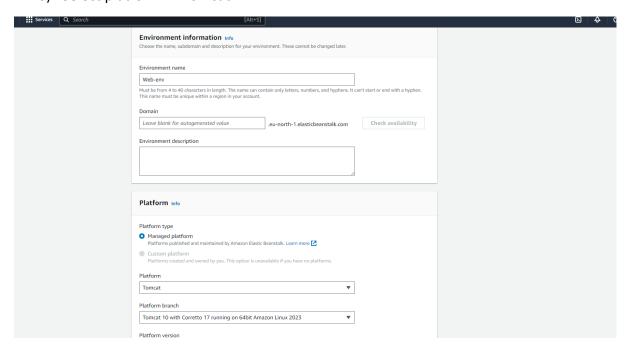
Practical 2:Implementation of PAAS using AWS

For tomcat (without code)

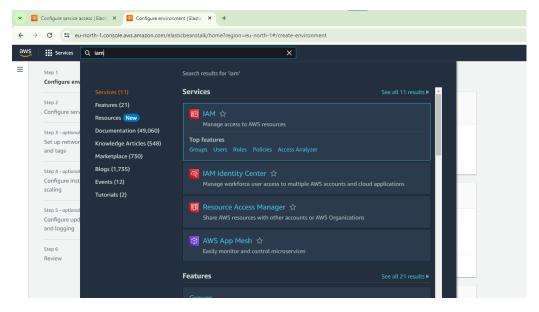
- 1) Login into your aws account
- 2) In services search elastic beanstalk
- 3) Create application



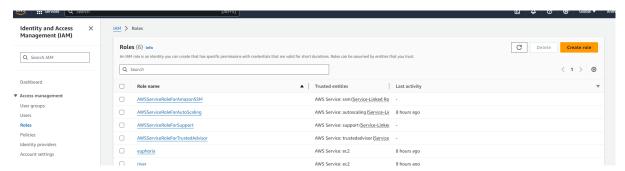
- 4) Create environment
- 5) Enter name
- 6) Select platform -> Tomcat



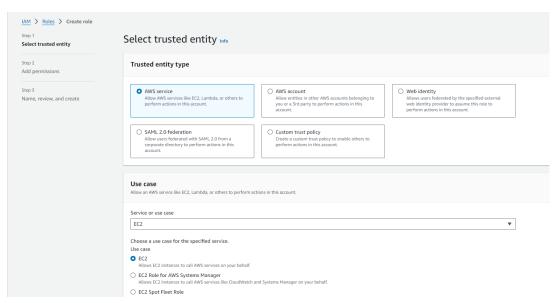
7) Duplicate the web page and from services select IAM



- 8) Click of Roles
- 9) Create Role



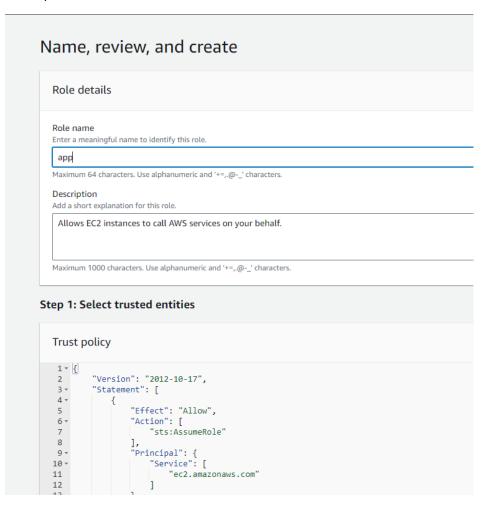
10) In the select entrusted entity > use case >select EC2



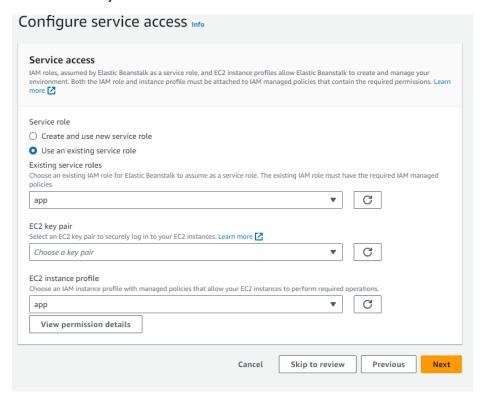
- 11) In add permissions search> beanstalk
- 12) Select the 3 -> docker,webTier,workerTier

		•	AWSElasticBeanstalkCustomPlatformforEC2Role	AWS managed
		+	AWSElasticBeanstalkEnhancedHealth	AWS managed
		+	AWSElasticBeanstalkManagedUpdatesCustomerRolePolicy	AWS managed
	~	+	AWSElasticBeanstalkMulticontainerDocker	AWS managed
		+	AWSElasticBeanstalkReadOnly	AWS managed
		+	<u>AWSElasticBeanstalkRoleCore</u>	AWS managed
		+	<u>AWSElasticBeanstalkRoleCWL</u>	AWS managed
		+	AWSElasticBeanstalkRoleECS	AWS managed
		+	<u>AWSElasticBeanstalkRoleRDS</u>	AWS managed
		+	<u>AWSElasticBeanstalkRoleSNS</u>	AWS managed
		+	AWSElasticBeanstalkRoleWorkerTier	AWS managed
	Z	+	<u>AWSElasticBeanstalkWebTier</u>	AWS managed
	~	+	AWSElasticBeanstalkWorkerTier	AWS managed

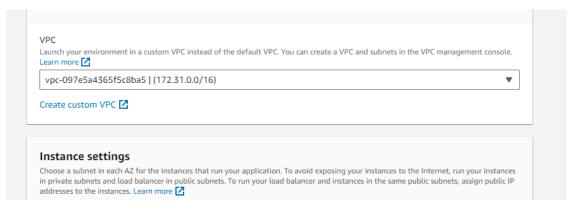
13) Enter the dets for Role



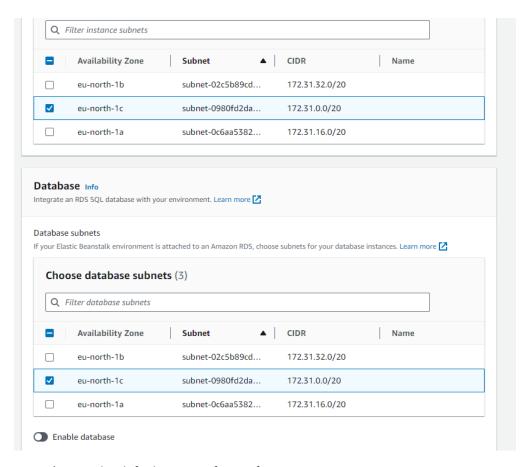
- 14) Role is created
- 15) Go back to the original web page(not the duplicated) > refresh and select the role which we created just now



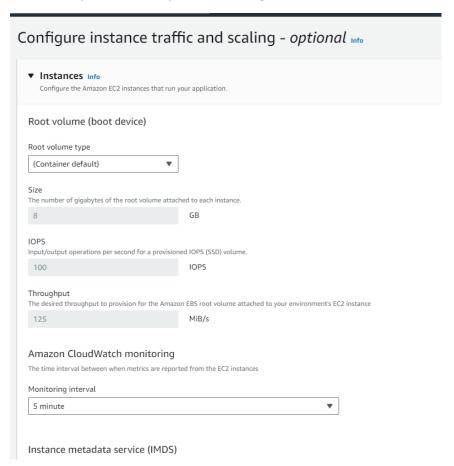
- 16) Next
- 17) Select the default vpc address



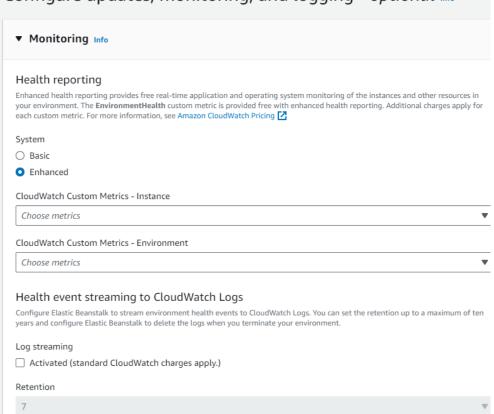
18) Select the cidr which is similar to vpc address



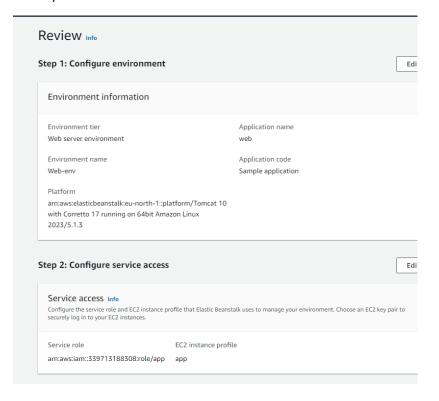
19) Keep the default options for configure



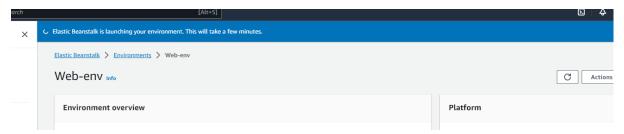
Configure updates, monitoring, and logging - optional Info



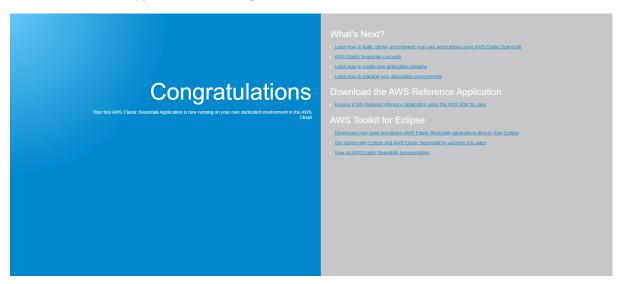
21) Review the dets



22) Create > elastic beanstalk is launching the environment

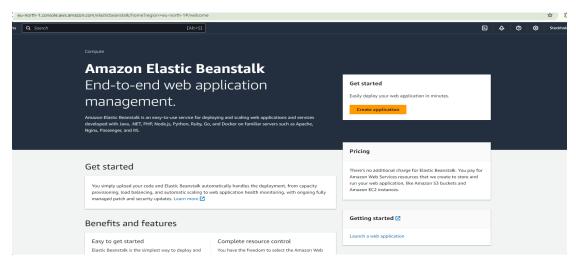


23) Tomcat cat application is running

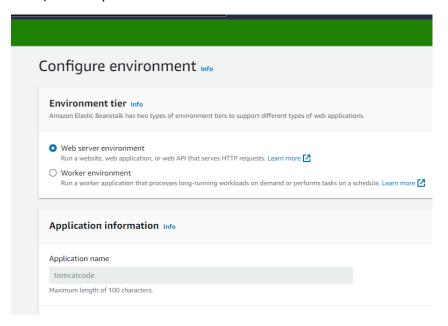


For tomcat (with code)

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

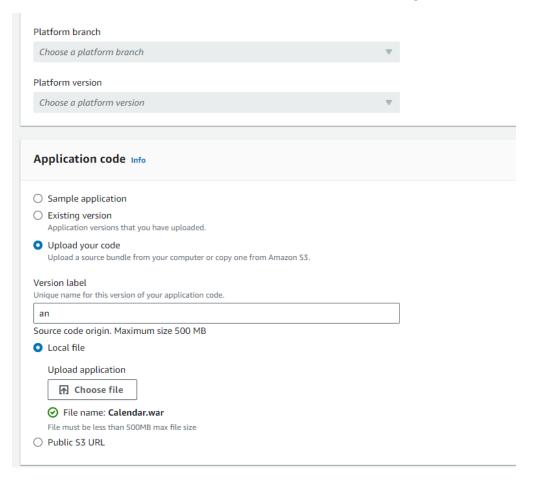


- 4) Create environment
- 5) Enter name
- 6) Select platform -> Tomcat

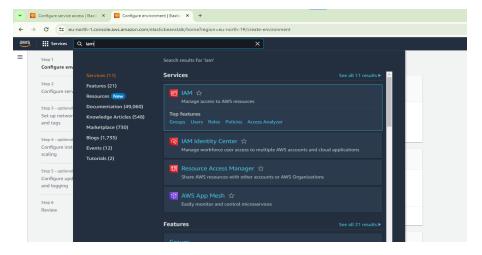


Application >app code> upload your code >

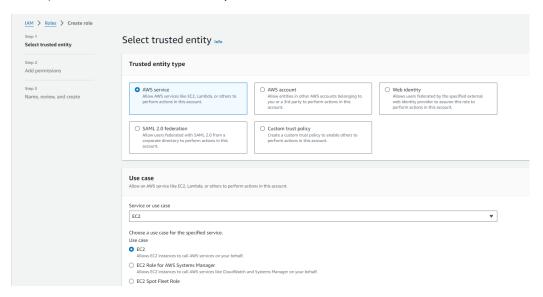
Write a version label -> local file -> choose file (calender.war from github)



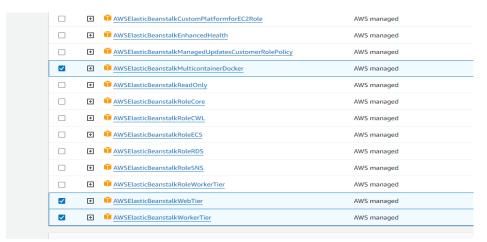
7) Duplicate the web page and from services select IAM



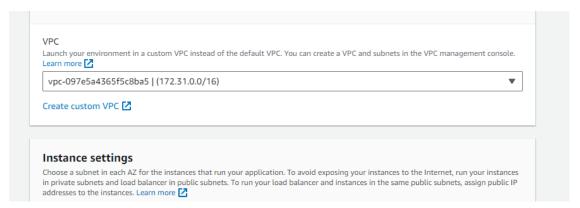
- 8) Click of Roles
- 9) Create Role
- 10) In the select entrusted entity > use case >select EC2



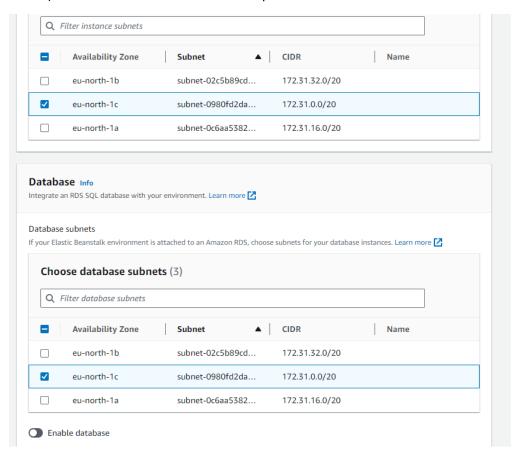
- 11) In add permissions search> beanstalk
- 12) Select the 3 -> docker, webTier, workerTier



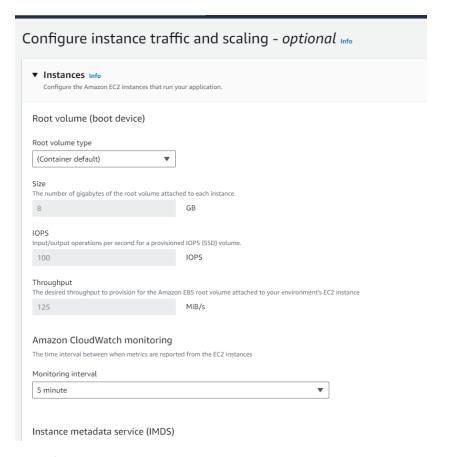
- 13) Enter the dets for Role
- 14) Role is created
- 15) Go back to the original web page(not the duplicated) > refresh and select the role which we created just now
- 16) Select the default vpc address



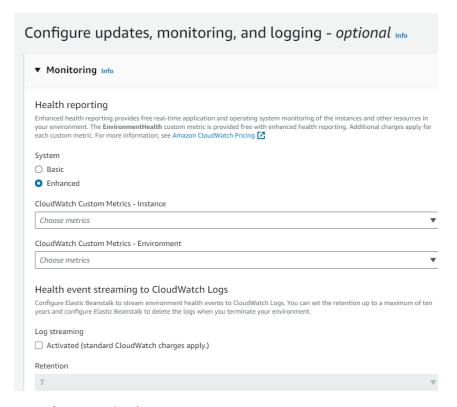
17) Select the cidr which is similar to vpc address



18) Keep the default options for configure

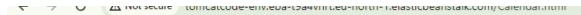


19)



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

- 23) Select domain
- 24) Calendar will be launched



GWT Calendar

Click on day to get date popup. Example Datepicker. Built with the tomcat war builder. $\underline{\text{http://code.google.com/p/gwt-examples/}}$

