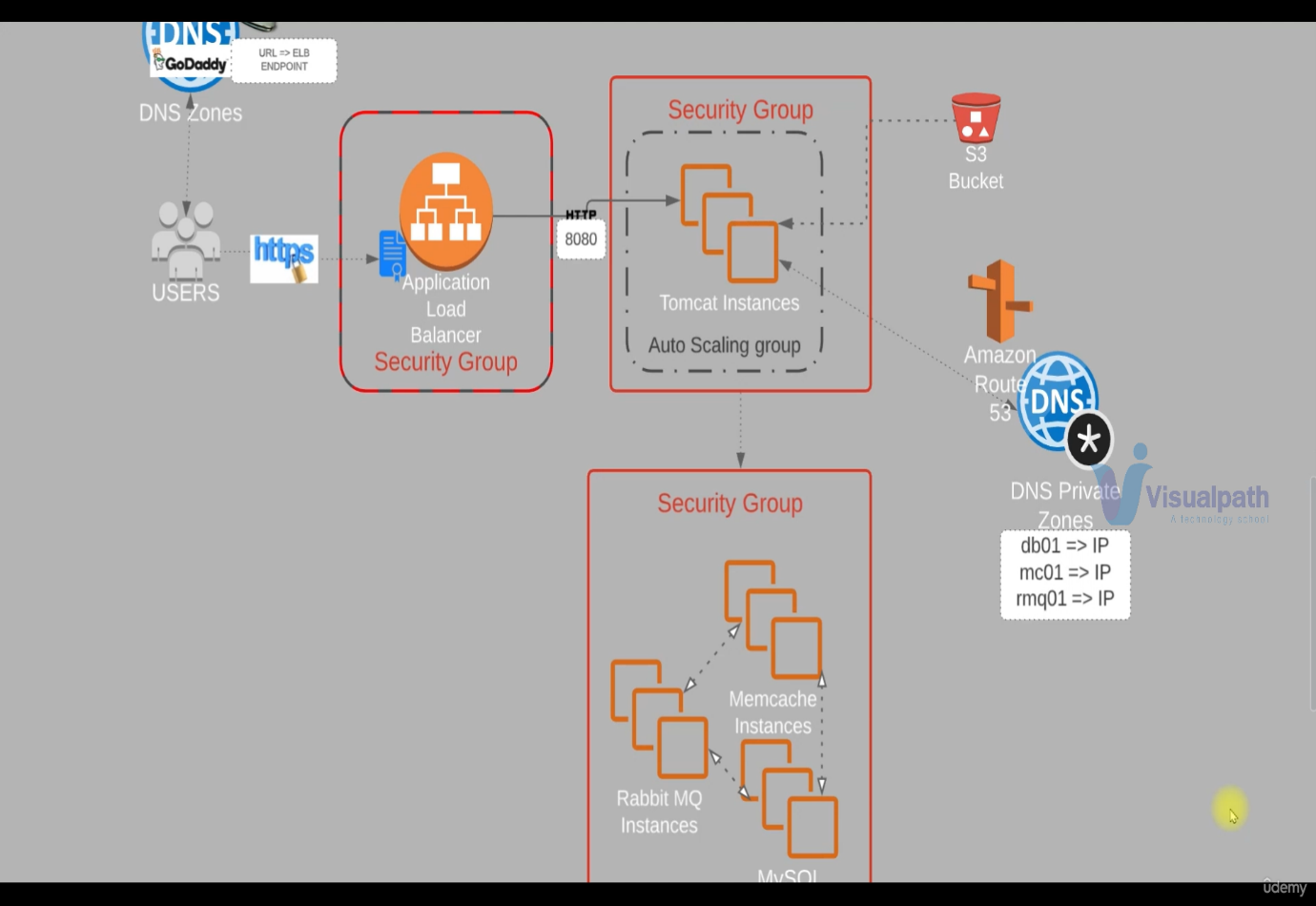
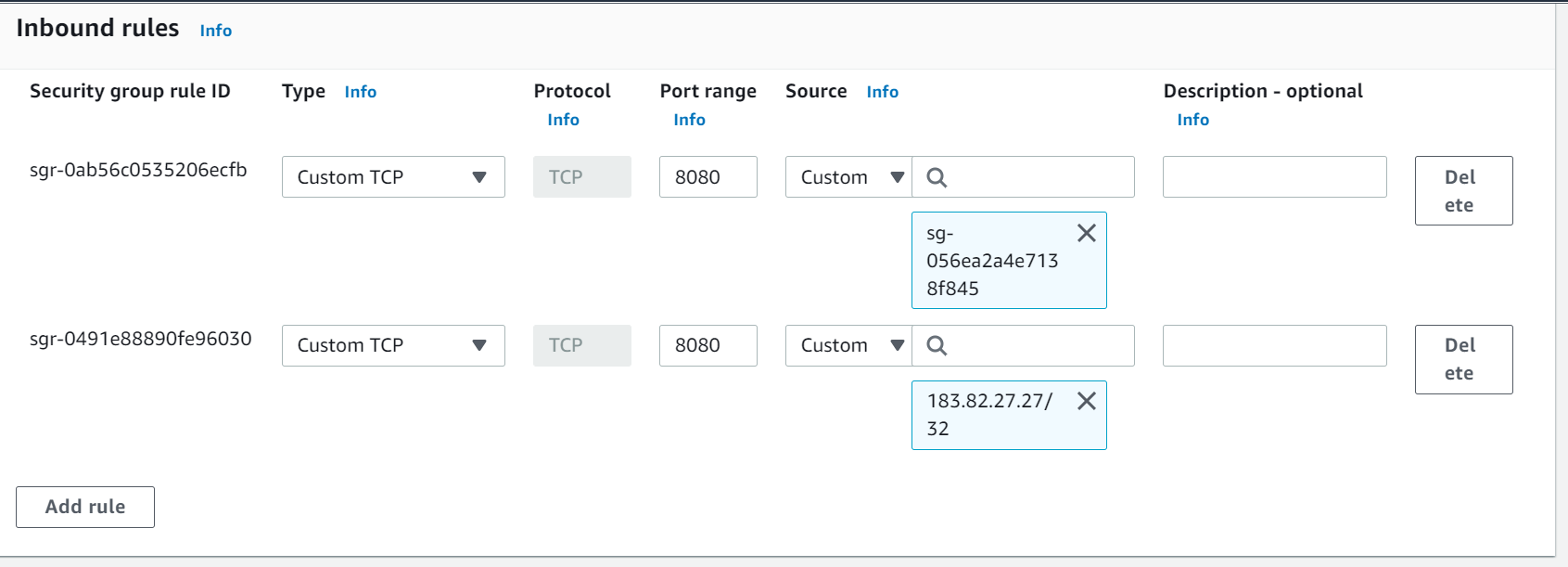
**Overall process flow:**

****

**Security groups:**

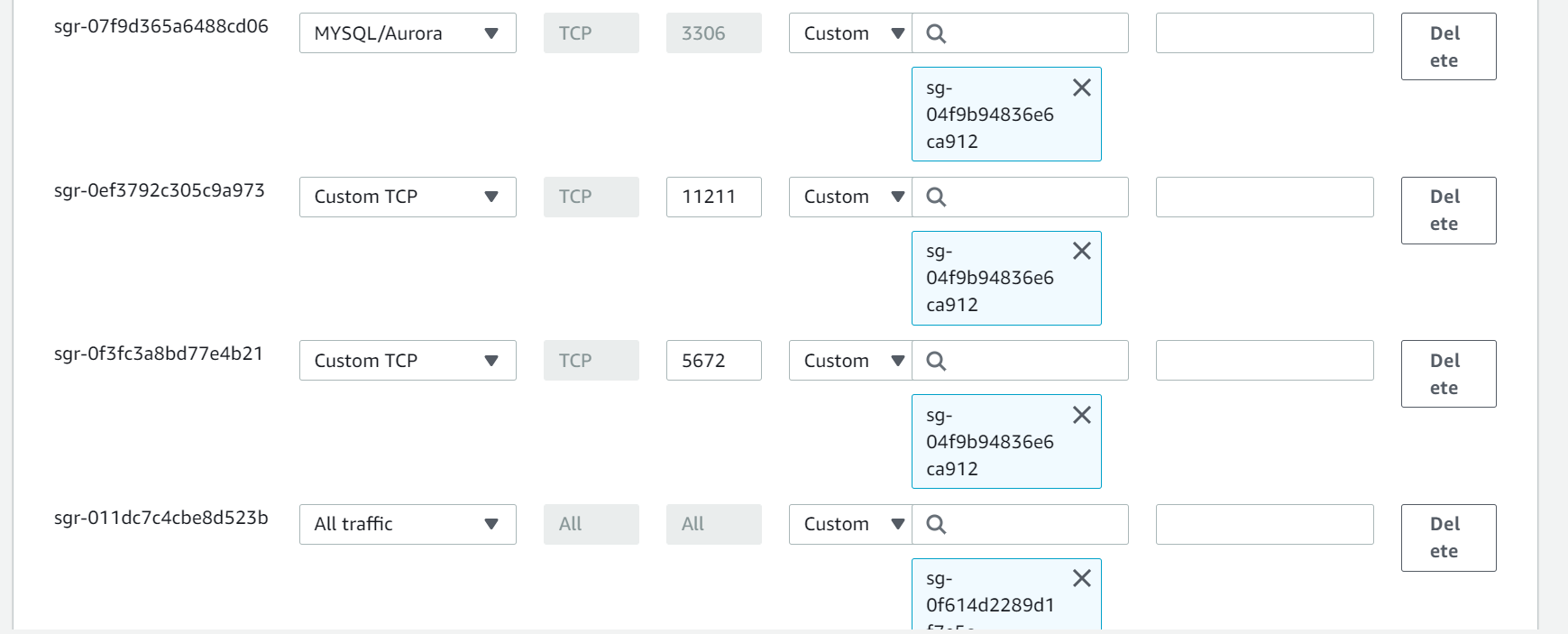
1. Security group for tomcat server

* This will accept traffic only from ELB



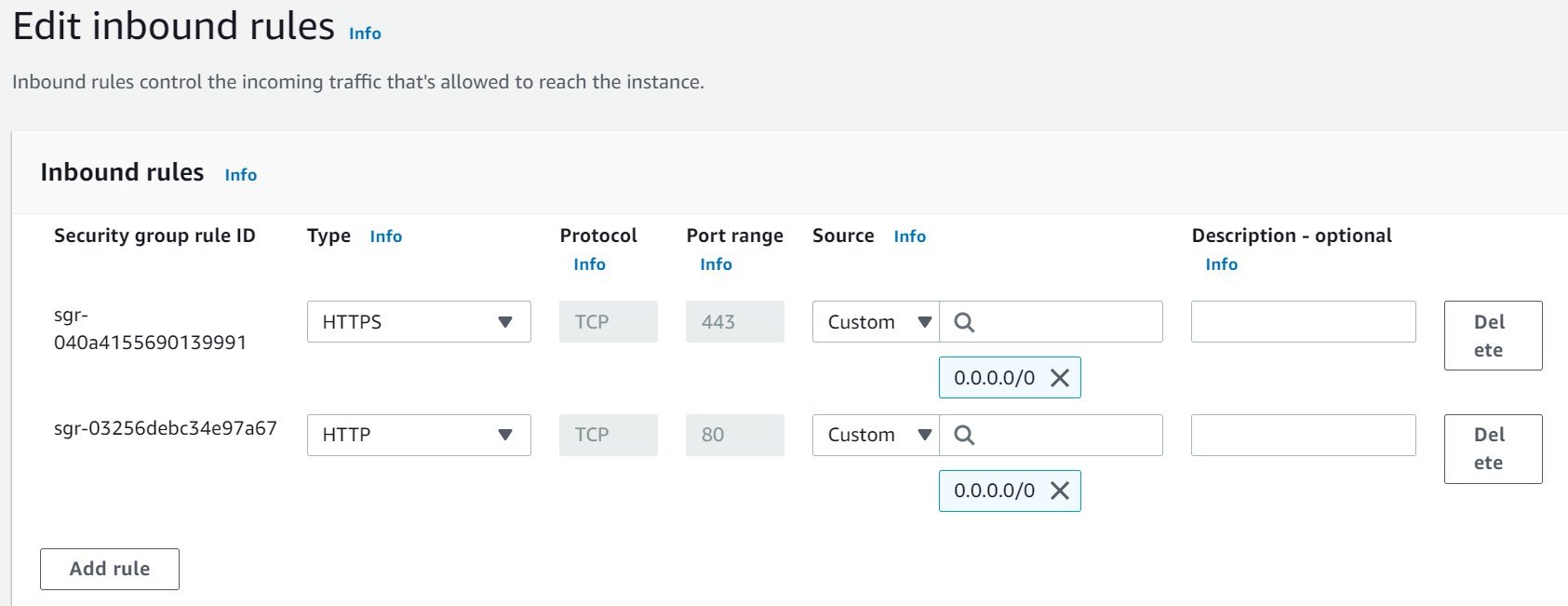
1. Security group for backend-services

* This will accept traffic only from tomcat server
* Memcached – 11211
* RabbitMq – 5672
* Mariadb- 3306
* All traffic from itself (for internal communication of these services)



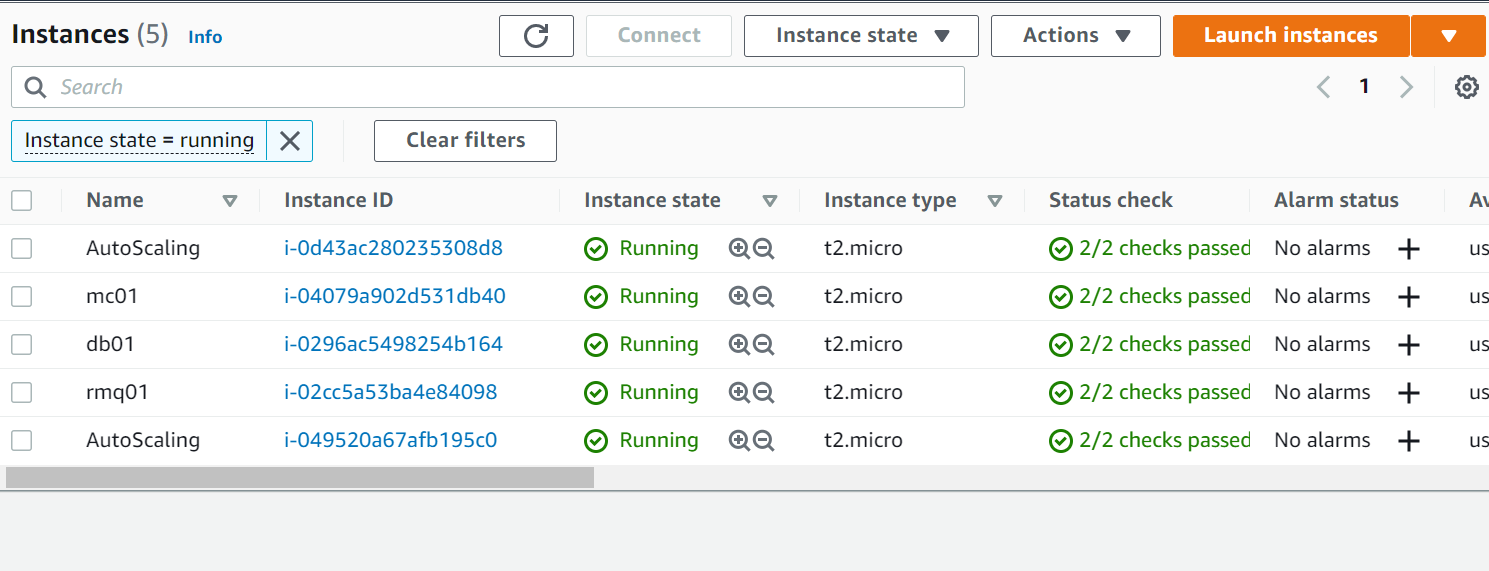
1. Security group for ELB

* This will accept HTTP/HTTPS from anywhere



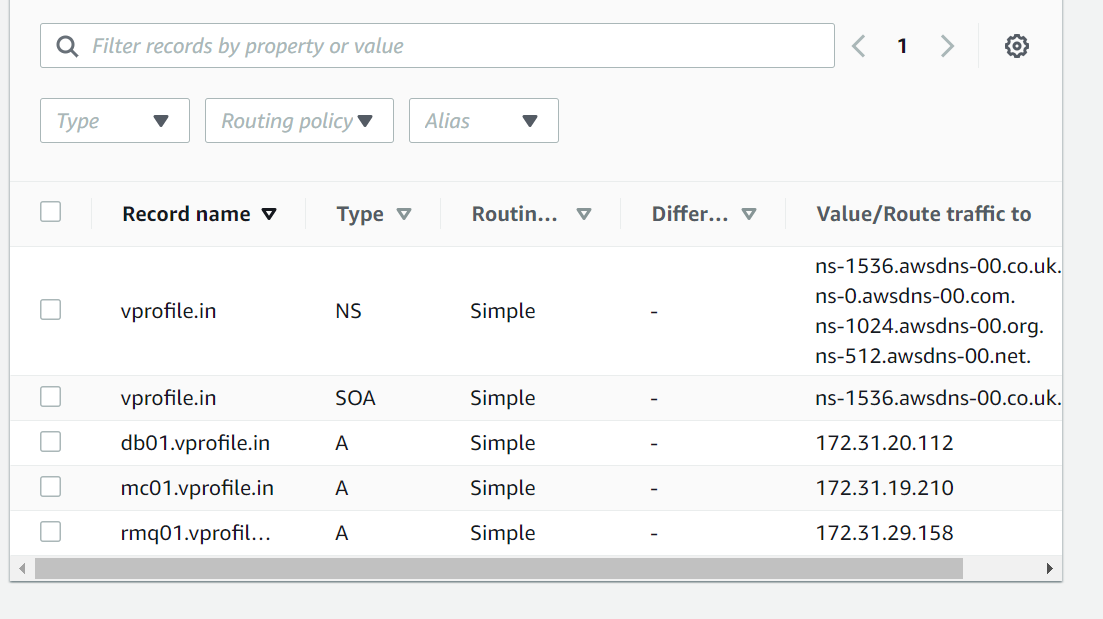
**EC2 Instances:**

Provisioned with respective services

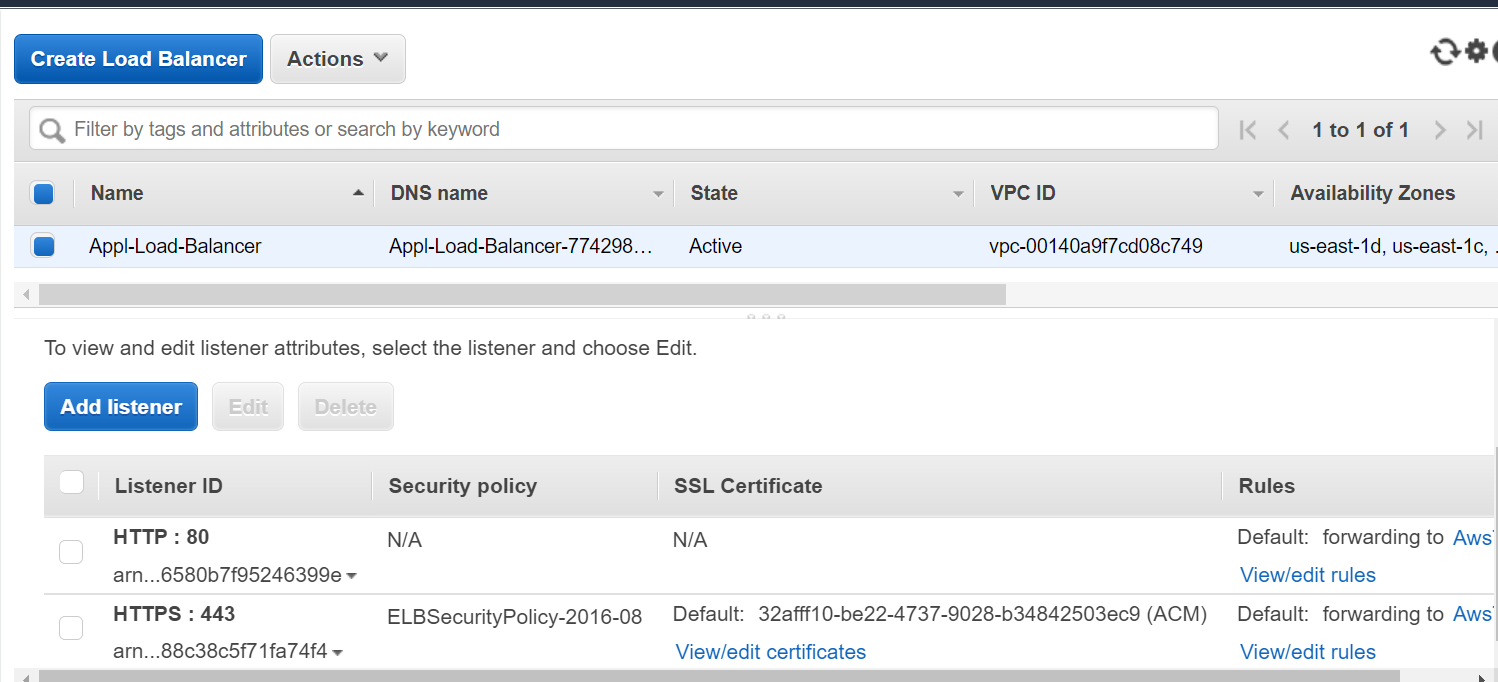


**Route 53:**

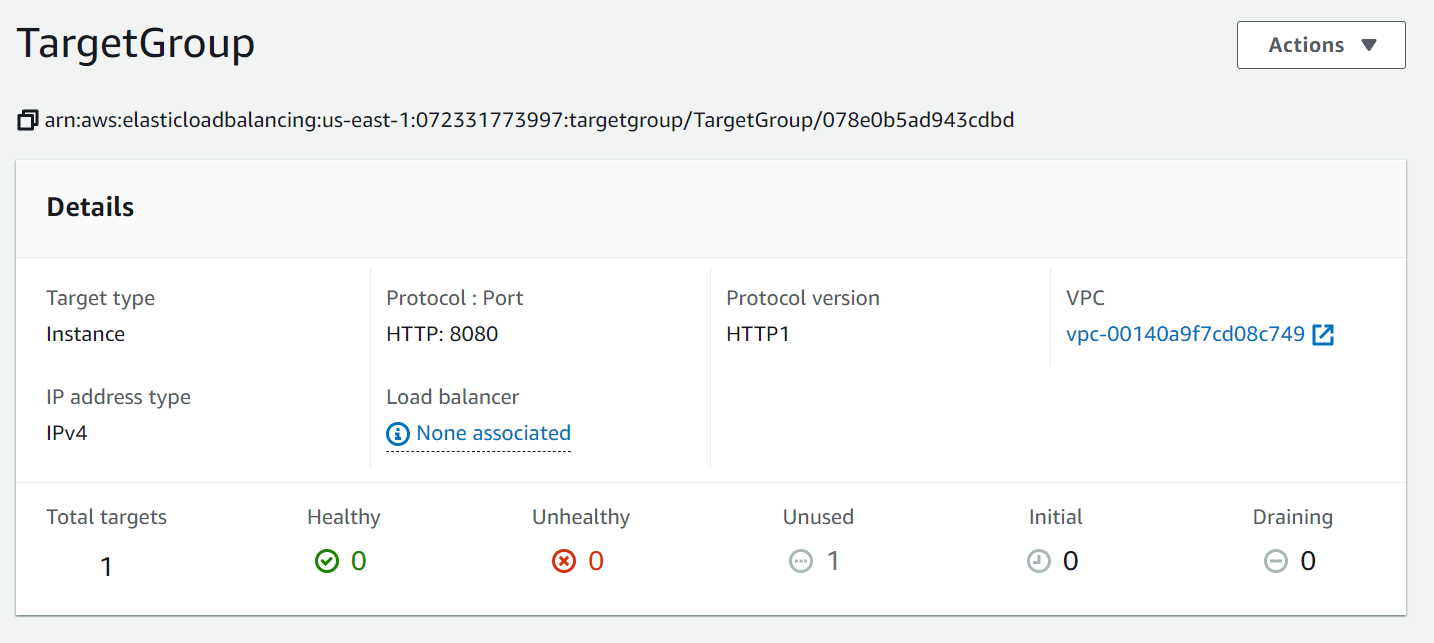
Private hosting zone with dns name mapped with corresponding private address of EC2 instance

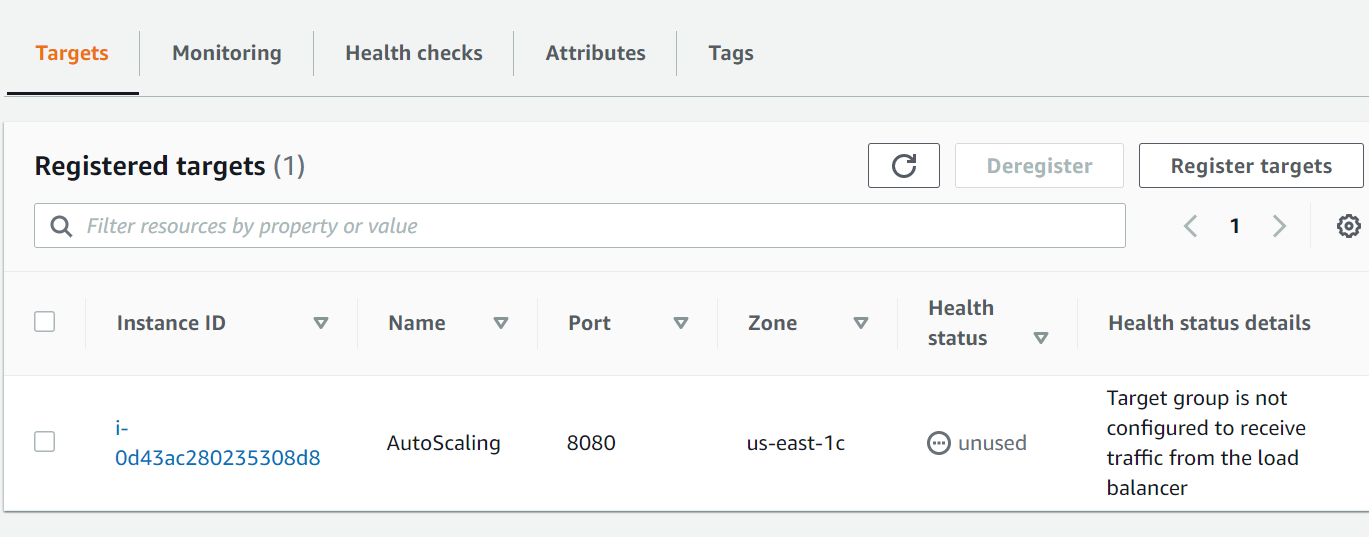


**Elastic load balancer:**

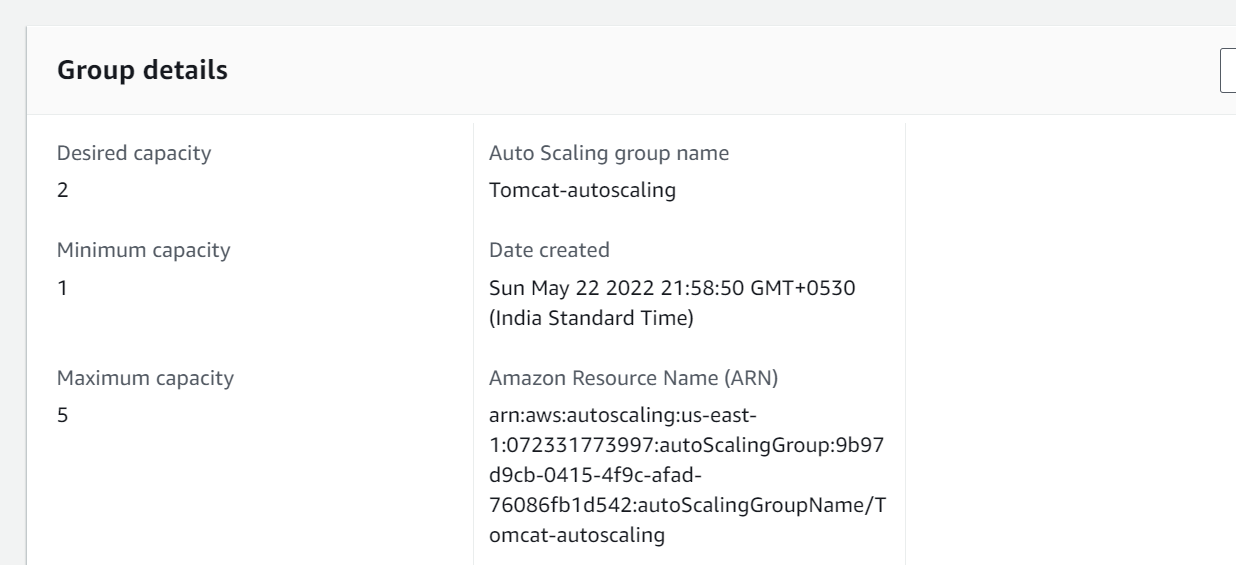


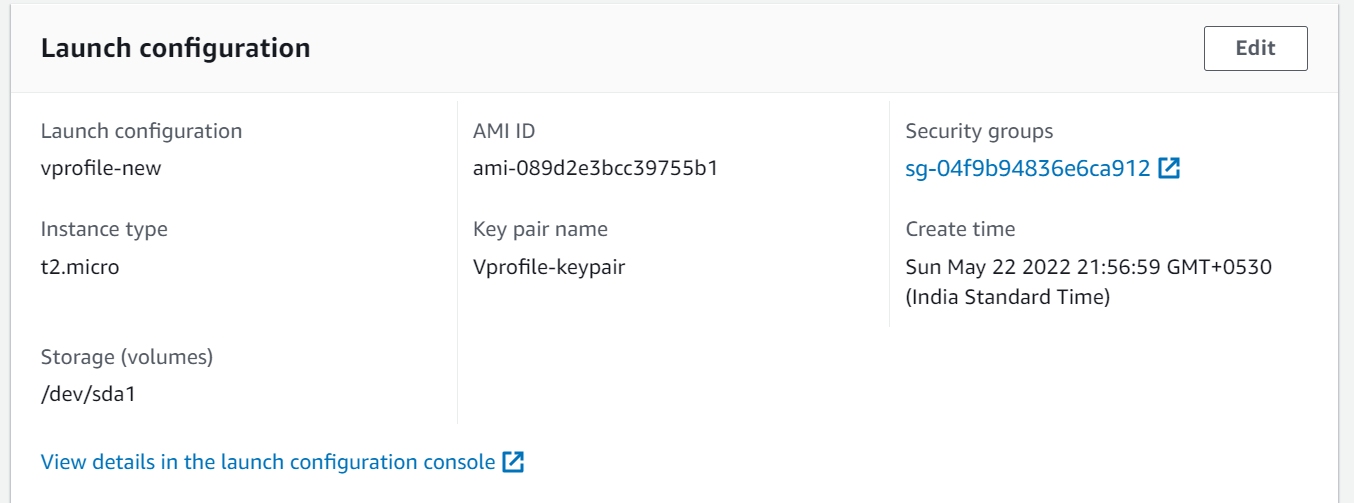
**Target groups:**

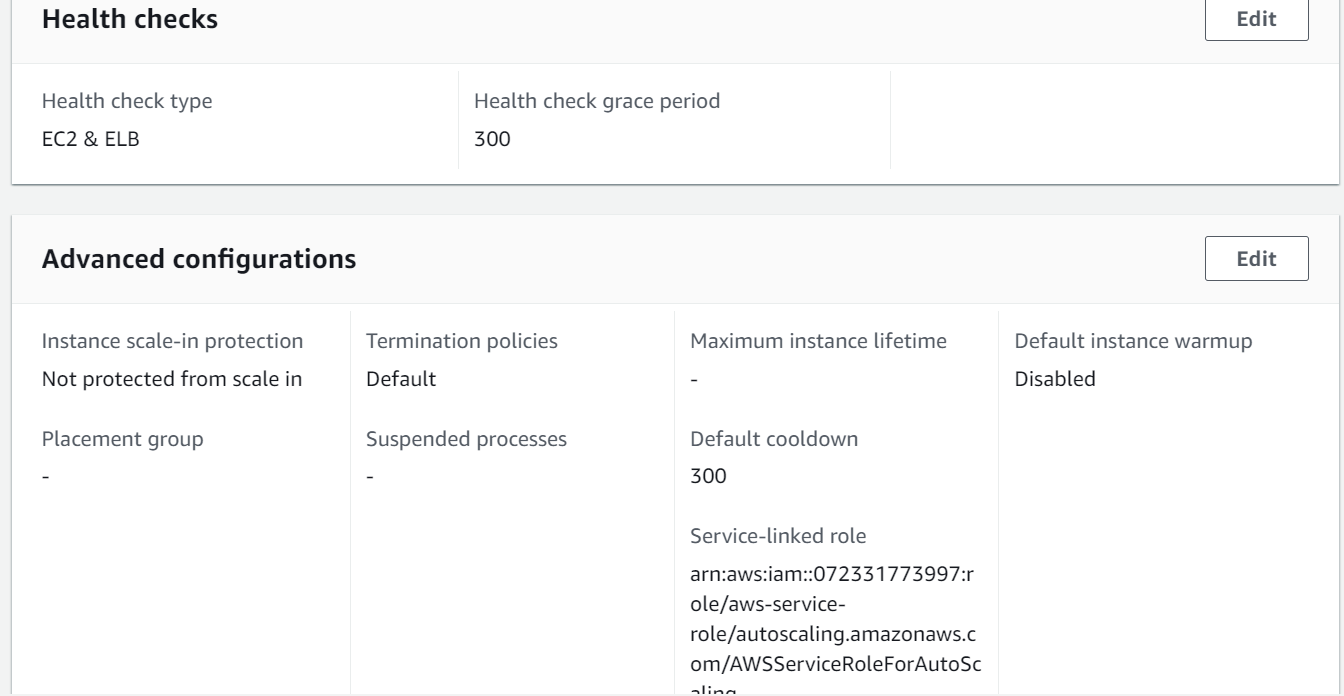




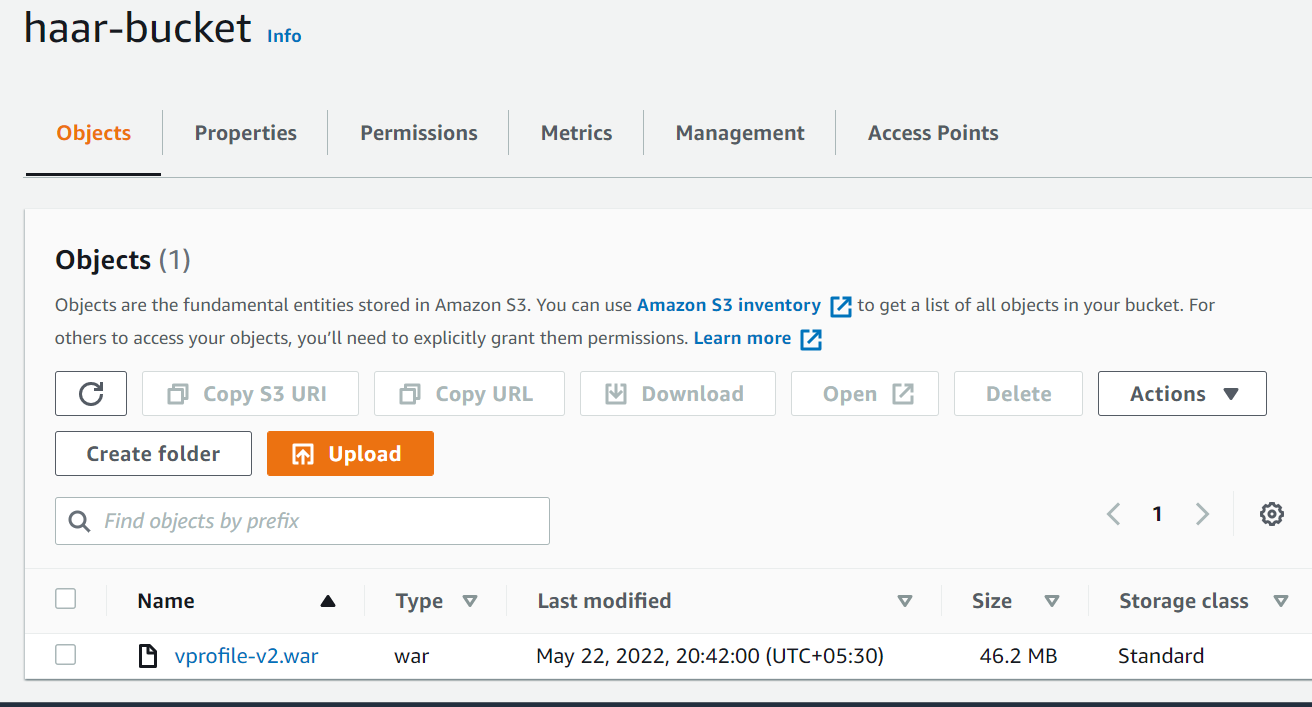
**Auto scaling group:**







**S3 bucket:**



**Application properties:**

#JDBC Configutation for Database Connection

jdbc.driverClassName=com.mysql.jdbc.Driver

jdbc.url=jdbc:mysql://db01.vprofile.in:3306/accounts?useUnicode=true&characterEncoding=UTF-8&zeroDateTimeBehavior=convertToNull

jdbc.username=admin

jdbc.password=admin123

#Memcached Configuration For Active and StandBy Host

#For Active Host

memcached.active.host=mc01.vprofile.in

memcached.active.port=11211

#For StandBy Host

memcached.standBy.host=127.0.0.2

memcached.standBy.port=11211

#RabbitMq Configuration

rabbitmq.address=rmq01.vprofile.in

rabbitmq.port=5672

rabbitmq.username=test

rabbitmq.password=test

#Elasticesearch Configuration

elasticsearch.host =192.168.1.85

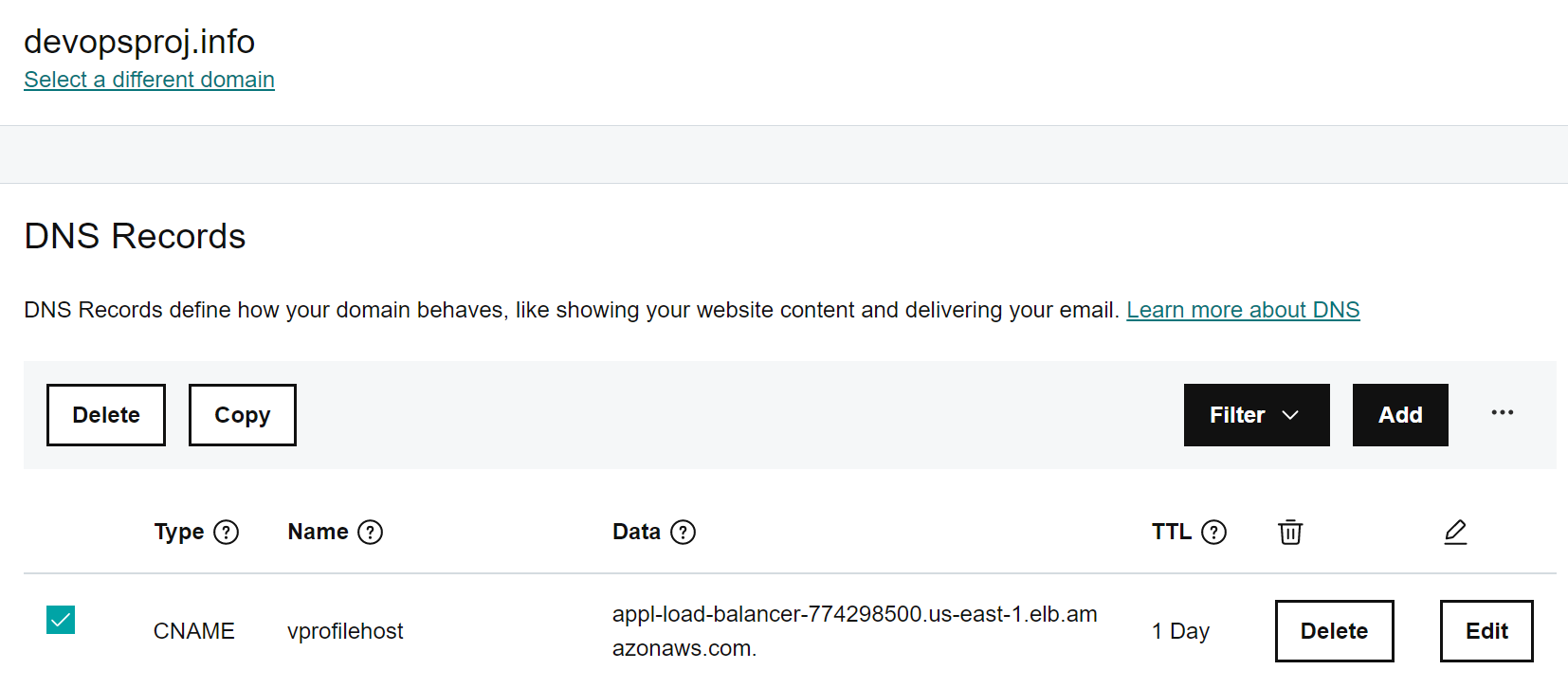
elasticsearch.port =9300

elasticsearch.cluster=vprofile

elasticsearch.node=vprofilenode

**Final deployment:**

Domain with cname record:



https://vprofilehost.devopsproj.info

