**ELASTIC LOAD BALANCER STICKY SESSIONS**

It is possible to impelement stickiness so that the same client is always redirected to the same instance behind the load balancer ad it is done with help of a cookie which the client send to the load balancer.

Diagram

Description automatically generated

Disadvantage:

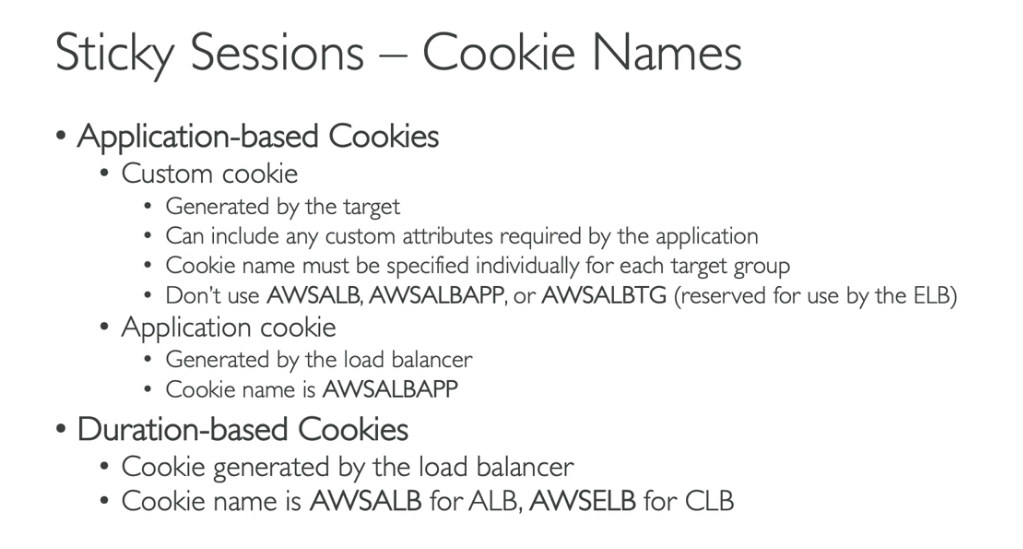
The disadvantage is that there may be an imbalance to the load over the backend ec2 instances as all the load may be send to one instance etc.

**TYPES OF COOKIES**

**1.APPLICATION BSED COOKIES:**these are the cookies that are generated by the application only and the duration is specified by the application only.

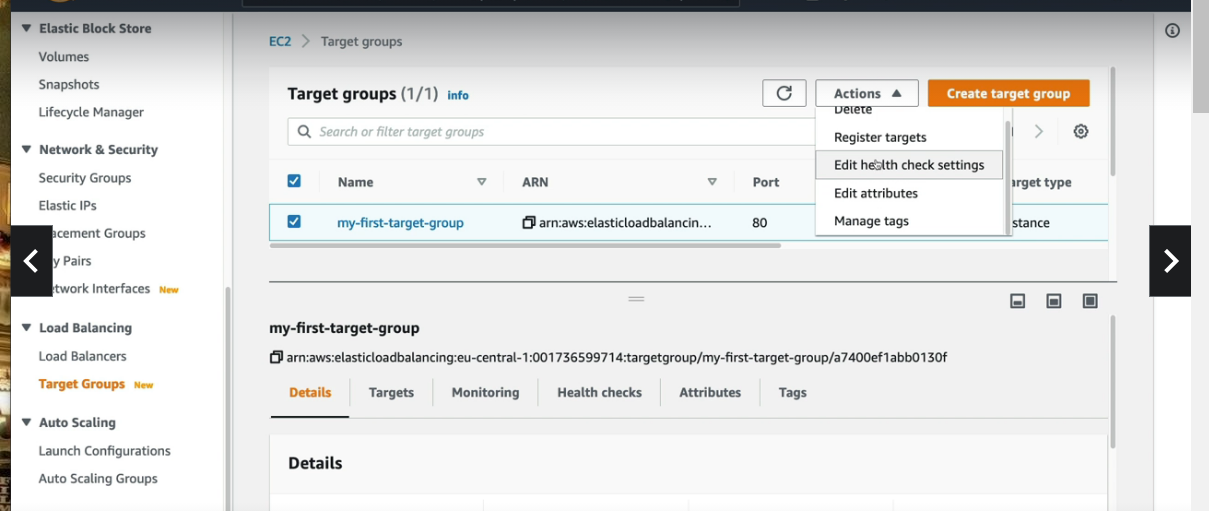
**2.DURATION BASED COOKIES:**

In the duration based cookie a duration is set by the load balancer itself for the session.



**HOW TO ENABLE STICKINESS**

1.go to target group lvele and from there go to actions and attributes.



2.Now tick stickiness

Graphical user interface, text, application, email

Description automatically generated

We can check for cookie in network tab

Graphical user interface, text, application, email

Description automatically generated

There is a cookie there you go to the session.