Load Balancer & Target group EC2

**First** launch instance

**Webserverone**

**Keyname**

**Network settings – chose subnet – example 1a** ---- this is imp not chose same subnet

**Select existing group - new group** -- imp this group put http port add on this group

**Advance option**

Put script to the **user dada**

#!/bin/bash

sudo amazon-linux-extras install nginx1

sudo systemctl start nginx

sudo systemctl enable nginx

cd /usr/share/nginx/html

sudo bash -c 'echo "hello server1" > index.html'

if you put server one ip now you see the “hello server1”

**second instance launch**

**webservertwo**

**Network settings – chose subnet – example 1d** ---- this is imp not chose same subnet

**Select existing group - new group** -- imp this group put http port add on this group

**Advance option**

Put script to the **user dada**

#!/bin/bash

sudo amazon-linux-extras install nginx1

sudo systemctl start nginx

sudo systemctl enable nginx

cd /usr/share/nginx/html

sudo bash -c 'echo "hello server22222" > index.html'

if you put server two ip now you see the “hello server222”

# Create load balancer:-

Go to **load balancer**

**Create load balancer**

Select **application load balancer**

Load balancer name :- newload

Select subnet when we create a launch instance those **1a** or 1**d**

**ap-northeast-1c**

**ap-northeast-1d**

**Select security group when you launch instance this existing group this group select**

**Create target group -- if you don’t have group then create first**

# **Target group**

Select **instance**

Target group name :- **newtarget**

**Next**

Select **two instance**

**Include as pending below**

**Create target group**

Then back to the **load balancer**

Select **newtarget** -- this is the target group

Wait few second for healty target group if this target group is **healthy** now your task is perform

Go to the **load balancer**

Copy **dns** like in this form

hello-new-load-server-1155109275.ap-northeast-1.elb.amazonaws.com

now you see the **server1** and **server2** output to the refresh console

but we want to single output to the any instance not two then

go to the **target group**

select **go to the action – edit attributes** – if you want to change the setting you change also

if clint want to access the data to the ip then you **sticky** **bit** on this **target group**

**stickiness** -ON

you set **day** also

**now you refresh**