LOAD BALANCER

ELASTIC LOAD BALANCER

APPLICATION LOAD BALANCER
NETWORK LOAD BALANCER
CLASSIC LOAD BALANCER

LOAD BALANCER DISTRIBUTE TRAFFIC
THERE IS SINGLE POINT OF CONTACT
AVAILIBILTY INCREASE
ADD LORE LISTENER IN LOAD BALANCE
LISTENER CHECK FOR CONNECTION REQUEST FROM CLIENT USING PROTOCOL AND PORT
WE CONFIGURE AND FORWARD REQUEST TO TARGET GROUP
EACH TARGET GROUP ROUTES REQUEST REGISTERED TARGET
BEST PRACTICE DIFFERENT AVAILABILITY ZONE

NETWORK LOAD BALANCER
LISTENER---LISTEN PROTOCOL AND PORT NUMBER
TARGET GROUP
TARGET (EC2 INSTANCE)

NETWORK LOADBALNCER---FORTH LAYER--PORT NUMBER

TARGET GROUP--TARGET---HEALTH CHECK (MONITOR)

AUTOMATICALLY MONITOR IF ONE INSTANCE DOWN , NLB NEVER SEND REQUEST ON IT

NETWORK LOAD BALANCER----TCP ,UDP---LAYER 4
APPLICATION LOAD BALANCER---HTTP.HTTPS---LAYER 7

CHARGE AS PER LCU--LOAD BALANCER CAPACITY UNIT AS PER HOUR ,
DIMENSION---NEW CONNECTIVITY , ACTIVE CONNECTION . BANDWIDTH

PRACTICAL====

INSTANCE ---WEBSERVER---AVAILIBILTY ZOBE A
                                         AVAILIBILTY ZOBE B
LOAD BALANCE---CREATE---NAME --
                                         SCHEME---INTERNET

LISTENERS----TCP - 80

AVAILITY ZONE ----THERE ARE TARGETS

NEXT
TARGET GROUP
NAME
PROTOCOL-------TCP
PORT---------------80
TARGET TYPE ---IP / INSTANCE

HEALTH PROTOCOL-----HTTP
               PATH---/INDEX.HTML
ADVANCE HEATH CHECK

NEXT

REGISTER TARGET

TARGET

INSTANCE SELECT---PORT 80

CREATE

DISCRIPTION

DNS NAME

LISTENER--

-------TARGET GROUP--------------

REGOSTERED TARGET--STATUS ---HEALTHY

HEALTH CHECK

ACTION ---REGISTER AND DEREGISTER

COPY DNS ----OPEN ---IN TWO DIFFERENT BROWSER

SECOND INSTANCE STOP

LOAD BALANCE---TARGET GROUP---STATUS---UNHEALTHY