| 1 | |
|---------|---|
| * | Load balancer - (Distribute load to servers) |
| ZK. | Alogorithms used for load balancer- |
| | 1) Round robin 2) Least count policy. |
| | Aws -> Flastic Load Balancer (ELB) |
| | Health check - check it server is working or not , then take according actions. e.g. 2 servers cut of 2, this 2nd is not working V Traffic will be send to 191 server by checking health check. |
| | using loadbalancer we can acheive loose coupling or decoupled asschitecture. |
| <u></u> | Types of ELB- 1) classic load balancer (Layern) 2) Applicath 11 (Layern) 3) Cateway 11 (Layern) 4) NIW 11 (Layern) |
| | preactical- Netrix 80 80 Tenopolat 80 |
| | gerrens LB VGER |

| | + Var lwwo / html / index. html = / index. html. |
|-------|--|
| IK | Ivar 1 www / dws / ++mil index . h+mi = aws / index . r+mi |
| | (Data |
| | |
| 1) | LEC2 instance launch (allow 55h, http). |
| | (Snaptheet & NETFIX) |
| 2) | connect with server using putty (vertice) |
| | - sudo yum install httpd wget -y |
| | |
| | - cd /var/www/html/ |
| | - sudo wget (Netfix link) |
| | - sudo systemati start httpd |
| | enable httpd |
| | |
| 3) | Follow step 2 for 2nd cgnapchat). |
| | tollow step 2 to 2 |
| | |
| u) | Go to road balancing -> road balancess |
| | Give LB name Classic LB (create) |
| | Give LB name Classic LB |
| | (lower case (create) |
| (| |
| > | scheme -> NIW mapping -> mapping |
| | (Internet-Facing) (Default VPC) (Select all Azis) |
| | , ,) |
| | Listners of select set security gros & |
| | (lima -alla) |
| | GIVE TOUTE |
| | cadd rue, anow http. |
| | Health checks |
| | (HTTP, post 80, -> Advance health check ping path - /index.html) Setting |
| | (Set miniumum for practical) |
| | |
| ^ 1 | eate LB } 300500 CEnable gross zon less drawing instances |
| C) CA | eate LB } 30050 (Enable (10055 ZON LOB) draining instances |

| | we can't do routing easing pean in classic LB. |
|--------------|--|
| | APPIN LB -> Path Based 18: Page No. |
| | APPI" LB -> Path Based LB. Pape No. |
| | |
| | |
| | CERY DNC work |
| | CLB). |
| | selete -> LB |
| A. | |
| | pwd /vax/cowo/html |
| | sudo ma madir nettik. |
| | ed netflix/ |
| | |
| | cadd content & save). |
| | Come contraint & social |
| | MIC link I rai Mix |
| | DNS link / netflix -> content will shown |
| | \221 ; |
| 7- | Application LB_ |
| * | Target group -> create target grp -> select |
| | instances |
| | |
| | |
| | DO+OCOL: port (Target grp name) |
| VP | C (TP address (http: 80). (Homepage) |
| VP (DEF | TP address (http: 80). (Homepage) |
| , | Ct V |
| , | protocol version -> Health checks -> Adv. Health |
| , | protocol version -> Health checks -> Adv. Health |
| , | OFOTOCOI version -> Health checks -> Adv. Health (HTTP , index. html) Setting |
| , | protocol version -> Health checks -> Adv. Health |
| , | (HTTP) (HTTP, index.html) (Traffic port) Heathy, unhealthy. |
| , | (HTTP) Health checks -> Adv. Health checks (HTTP) (HTTP, index. html) Setting (Traffic Port) Heathy, unhealths. |
| , | (HTTP) Health checks -> Adv. Health checks -> Adv. Health checks (HTTP) (HTTP, index.html) Setting (Traffic Port) Heathy, unhealths. 5 other values keep |
| , | (HTTP) Health checks -> Adv. Health checks (HTTP) (HTTP, index. html) Setting (Traffic Port) Heathy, unhealths. |
| 6 p | (HTTP) Health checks -> Adv. Health checks (HTTP) (HTTP index. html) (Traffic Port) Heathy, unhealthy, rather values keep minimum |
| thear - | Protocol version -> Health checks -> Adv. Health (HTTP index.html) (Traffic Port) Heathy unhealthy refer values keep minimum The Register torgets Next - Success Code (200 |
| 6 p | HTTP (index.html) (HTTP) (HT |
| treat | Protocol version -> Health checks -> Adv. Health checks (HTTP) (HTTP, index. html) Setting (Traffic port) Heathy, unhealthy yallues keep minimum re = Register torgets Next - success code fre (select both instances) |
| treat | PROTOCOI VERSION -> Health checks -> Adv. Health Check (HTTPI) (HTTP, index.html) Setting (Traffic port) Heathy, unhealthy F alter Vallues keep minimum The Register targets Next - success code (200 (Select both instances) 80, include perding below |
| treat | Protocol version -> Health checks -> Adv. Health checks (HTTP) (HTTP, index. html) Setting (Traffic port) Heathy, unhealthy yallues keep minimum re = Register torgets Next - success code fre (select both instances) |
| Cyper Conger | Protocol version -> Health checks -> Adv. Health check (HTTP) (HTTP, index.html) CTraffic Port) Heathy, unhealthy Yours Keep Minimum The Register torgets. Next - success code Instances) 80, include pending below Home Thore |
| Cyper Conger | Protocol version -> Health checks -> Adv. Health (HTTP, index.html) (Traffic Port) Heathy, unhealthy Father values keep minimum re & Register torgets. Next (success code) instances) 80, include pending below Hore insex.html create 3 target grp for Nettlix (Snapchat) |
| Cyper Conger | Protocol version -> Health checks -> Adv. Health check (HTTP) (HTTP, index.html) CTraffic Port) Heathy, unhealthy Yours Keep Minimum The Register torgets. Next - success code Instances) 80, include pending below Home Thore |

WAT -> -mas to avoid malecious dan creat load belancer -> Apply LB -> LB ran Internet IP addr. Type + fercin (IPVH) (select all Az's) select SG which is created 7 creek LB. > listener & routing (HITTP, BO, Homepage). protocole port Detault copy DNS name -> Incognito -> website will be visible manage rules -> Add rule Listeners & rules -> Add condit Next Action types = (path) Frodrd to Inel fix 1 confirm > priority (# Snapchat) (1) Delete -7/LB 2) T (-3) To E(2 instances Mini Project create highly available architecture such that home page - Amazon home, I phones - iphone relactionics - playstation will be available.