High arailability & Scalability ELB BASG

Running an application on an Kuto Scaling Group

That scales the number of EC2 instances in and

out is Called Horizontal Scaling

Elastic Load Balances provide a static DNS name

Only NLB provided both static DNS name and

Static TP:

Application Load Balances Static DNS name

A ELB Sticky Session Feature ensures troffic for the same dient is always reducted Hot the some target (eg to instance) hups that the wint does not lose to EBS stop waisse wheat X- Forwarded - Port" wed to get the edient's requested a Postgo smulov 283 When wing can application load Bolaner mula to distribute traffic to your Ecza instances, the IP addices you'll recien enquests from sill will be the stub's springe I poladdessu To get the client's I Proddies, pla add an additional in header to lud "x-forwarded" For' contain the client's I paddws ? When you enable to FLB Hoth chales, your TELB won't sends traffic to unhealthy Evalued Ecz instances. Notwork load Balanus provide the highest performance and lowest latercy if your nontice experient constraining and Applicationes Load Balancess support to HTTP, Elastic Lad Balances Websocked Runolas bad sites ALBS con route traffic to different Taget Groups based on URL Path, Hostname, em Frip Headuse, and away istrings not or ilgal

Registered Targets in a Target groups for an appli Load Balances can not be Network 1 You can't attach an elastic IP add was to Application NLBS have one static IP address per Az and you can attach an Elastic IP address to it. Socieclassic load Balances how a static ons name The following cookie names are resorted by WHOTHE ELBIG WANSALB, JAWS ALBAPP, AWS ALBTE When cross - Tone boad Bataning is enabled, TECZ linetaryularin all Azsodo vay and regulered Series Name stodication (SNI): Feature is both ALBOARD NLB allows byou to cload multiple SSL custificates on prespistenes! at sister i Named attadication (CSNT) allows you to or resposed emoltiples HTTP's applications each with its SSL confificated on the same witer a more of the DSG can't go over the maximum capacity (you configured) during scale - out revents. You can configure the Auto Scaling Group to determine the EC2 instances's ALBO Healthe checks cinstead of Eczostatus check (default): When an UECZ instance fails the ALB Health cheeks not is marked unhealthy and will be terminated while the Asquarchesman un B2 instance.

