**ELB**

🡪There is a two type of load balancer available

1. Static

🡪Here you have to manually write a static entry.

1. Dynamic

🡪Now a days our environment is scalable.

🡪When ever load increase number of pods increase and when load decrease number of pods decrease.

🡪Every time we can not go and write an entry so instead of static we are using **dynamic**.

🡪One static IP one static port we have provide to client.

🡪This IP-port also known as endpoint.

🡪This endpoint is to manage the things as a load balancer.

🡪Common mechanism we use for LB is round robing.

🡪For EC2 load balancer service is ELB.

🡪Elastic means on the fly without shutting down client you can add ram, pod or whatever you want.

🡪Anytime you can increase-decrease, scale-in-out, so known as Elastic.

🡪Most of aws service start with Elastic, no downtime.