ECS

→ SETUP A HIGHLY AVAILABLE ECS CLUSTER WITH LOAD BALANCER AND DYNAMIC PORT MAPPING.

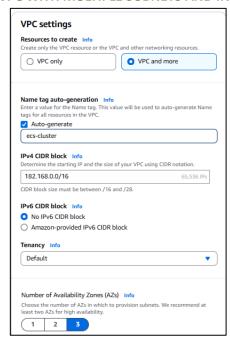
NOTE:

Your cluster should maintain atleast 6 tasks at any point of time and should be highly available across multiple AZ's. Use the below image from deployment: sabair0509/hiring-app:works

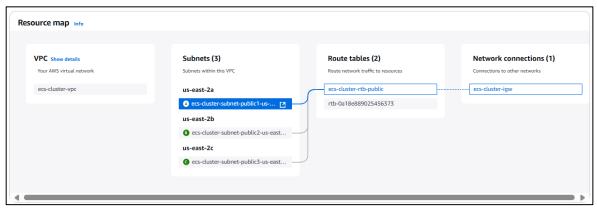
1. PREREQUISITES:

- AWS CLI INSTALLED AND CONFIGURED.
- DOCKER INSTALLED.
- ECS CLI INSTALLED.
- A VPC (VIRTUAL PRIVATE CLOUD) WITH MULTIPLE SUBNETS ACROSS DIFFERENT AZS

→ CREATE A VPC WITH MULTIPLE SUBNETS AND INTERNET GATEWAY ATTACHED TO IT

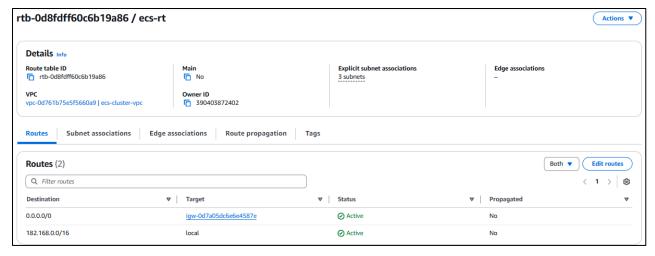


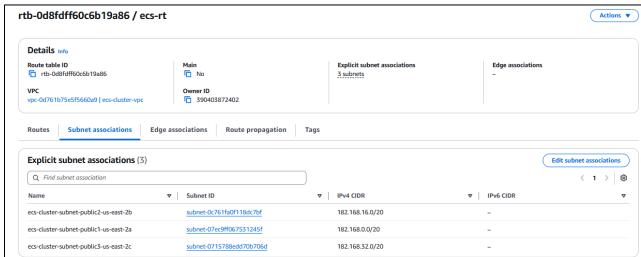




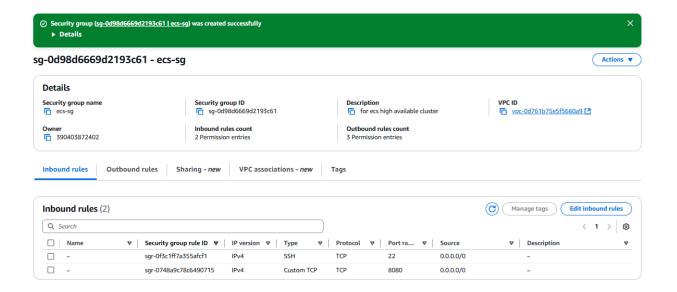
→ CREATE A ROUTE TABLE AND ATTACHED INTERNET GATEWAY ALONG WITH SUBNETS

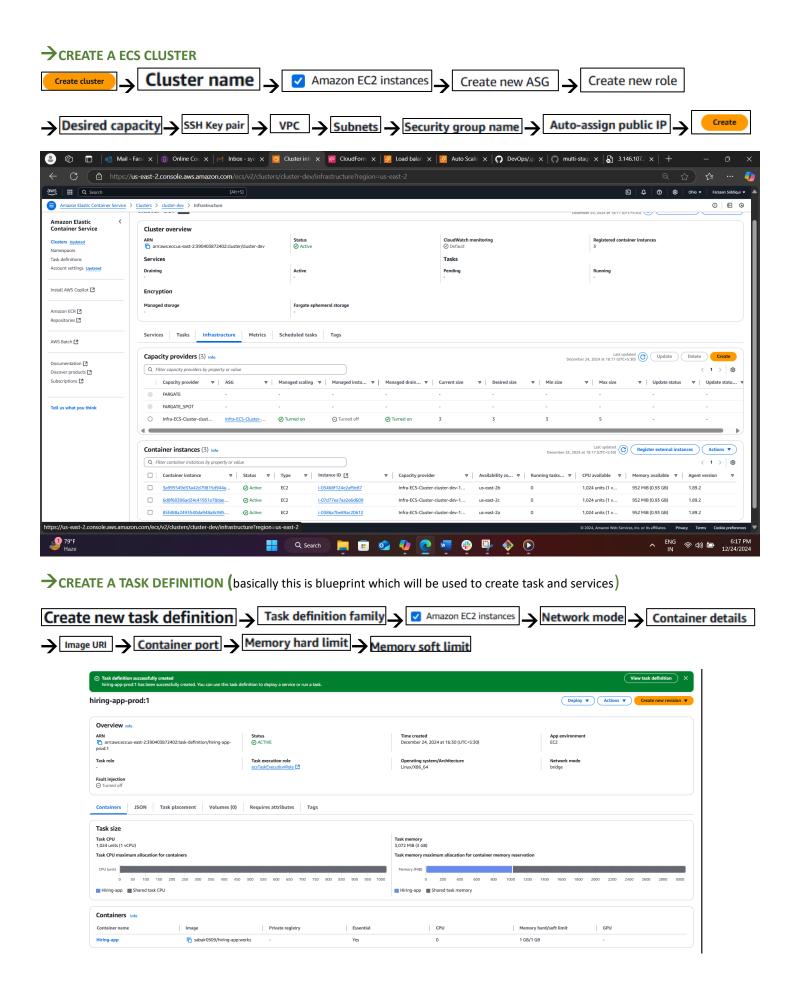




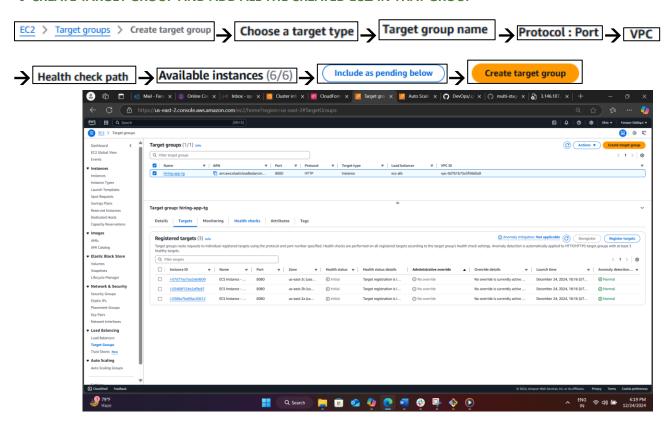


CREATE SECURITY GROUP AND ADD ROUTES IN SG FOR PORT 8080 AND 22

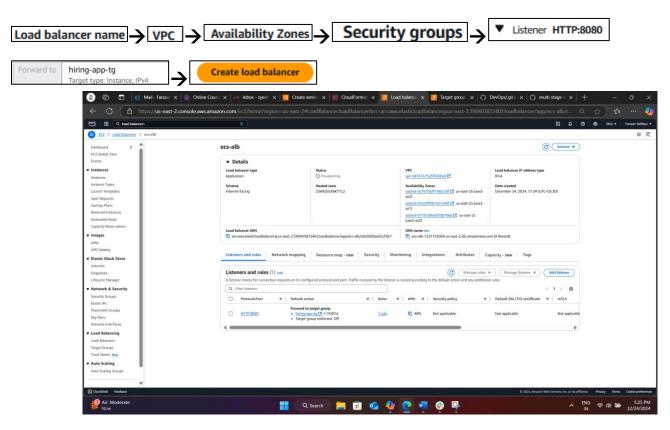




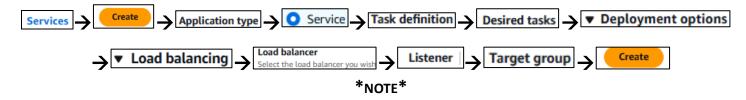
→ CREATE TARGET GROUP AND ADD ALL THE CREATED EC2 IN THAT GROUP



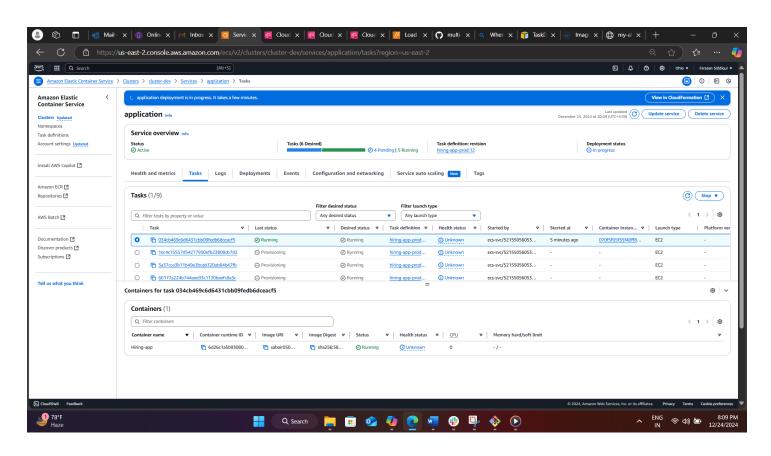
→ CREATE A APPLICATION LOAD BALANCER AND SET THE TARGET EC2 WHICH IS CREATED FOR ECS



→ CREATE A SERVICE IN CLUSTER



MAKE SURE YOU ADD CORRECT VPC AND CORRECT INSTANCES IN TARGET GROUPS AND ALSO IN SECURITY GROUP THE REQUIREED PORTS SSH AND HTTP ARE ALLOWED



→ CHECK ON BROWSER WITH / hiring FOLLOWED LOAD BALANCER URL



