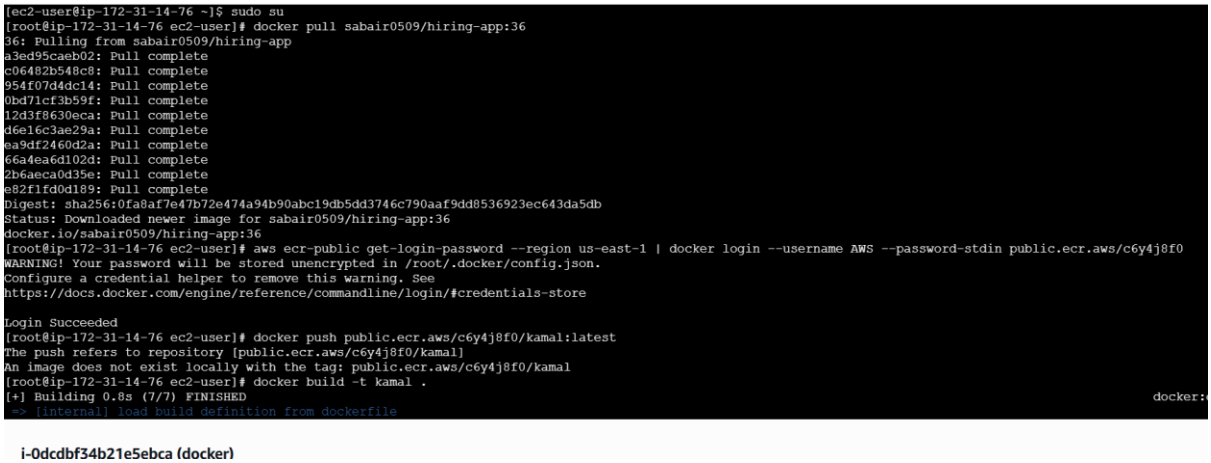
ECS

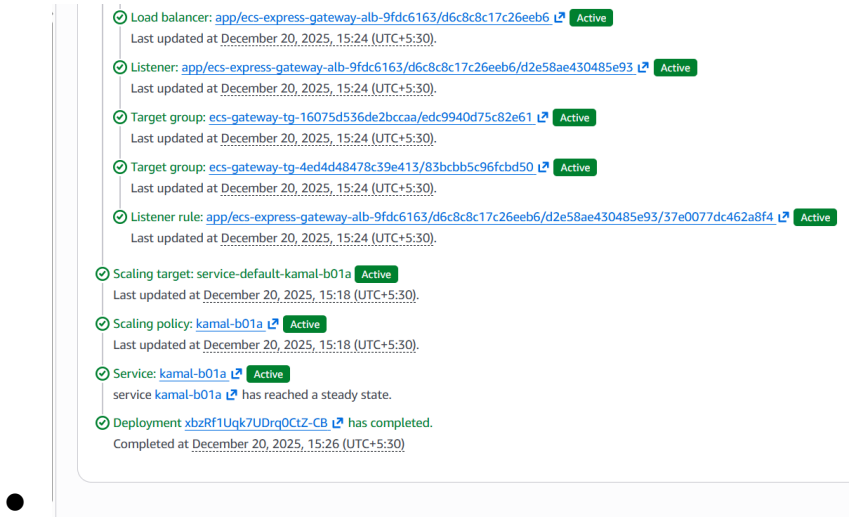
1. Setup a highly available ecs cluster with load balancer and dynamic port mapping.

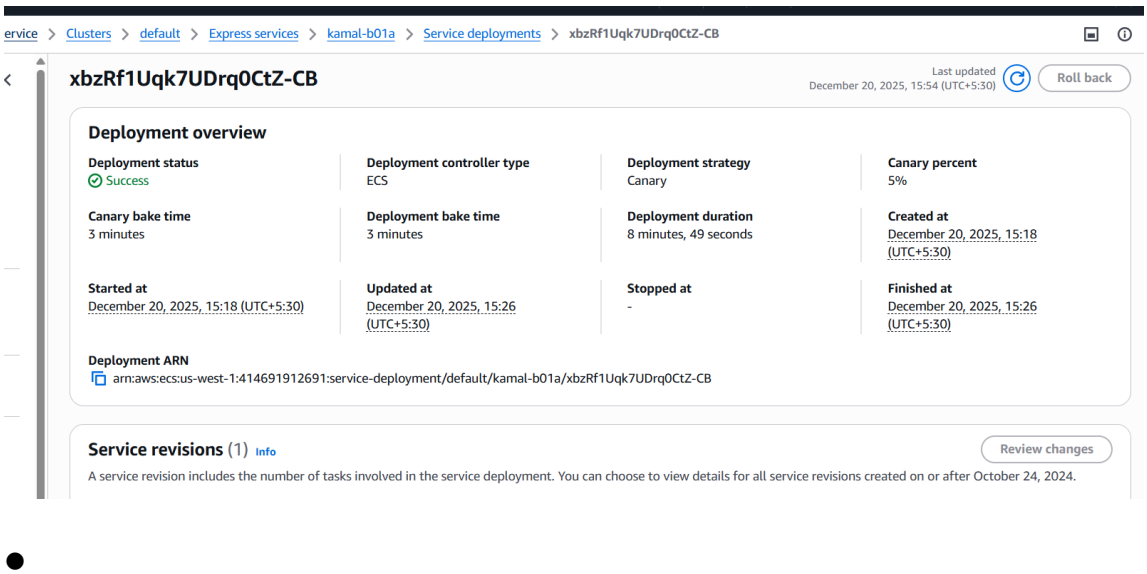
NOTE:

1. Your cluster should maintain atleast 6 tasks at any point of time and should be highly availble across multiple AZ's.
2. Use the below image from deployment: sabair0509/hiring-app:works
    - Launch an instance
    - Install docker key
    - And docker pull sabair0509/hiring-app:36
    - Configure aws
    - Add acces key and secret
    - Now .
    - Login to aws console
    - Go to ecr
    - Create a public repo
    - Now
    - Login to
    - aws ecr-public get-login-password --region us-east-1 | docker login --username AWS --password-stdin public.ecr.aws/c6y4j8f0



- Go to terminal
- Build the image
- And push that image
- Copty the image url
- Go to ecs
- Explore mode
- Add image id over ther
- And select default vpc
- Subnet
- Security groups
- And select 2 cpu utilization
- Select memory of 8gb
- Now,
- Ru the cluster


Load balancer: app/ecs-express-gateway-alb-9fdc6163/d6c8c8c17c26eeb6 Active
Last updated at December 20, 2025, 15:24 (UTC+5:30).
Listener: app/ecs-express-gateway-alb-9fdc6163/d6c8c8c17c26eeb6/d2e58ae430485e93 Active
Last updated at December 20, 2025, 15:24 (UTC+5:30).
Target group: ecs-gateway-tg-16075d536de2bccaa/edc9940d75c82e61 Active
Last updated at December 20, 2025, 15:24 (UTC+5:30).
Target group: ecs-gateway-tg-4ed4d48478c39e413/83bcbb5c96fcbd50 Active
Last updated at December 20, 2025, 15:24 (UTC+5:30).
Listener rule: app/ecs-express-gateway-alb-9fdc6163/d6c8c8c17c26eeb6/d2e58ae430485e93/37e0077dc462a8f4 Active
Last updated at December 20, 2025, 15:24 (UTC+5:30).
Scaling target: service-default-kamal-b01a Active
Last updated at December 20, 2025, 15:18 (UTC+5:30).
Scaling policy: kamal-b01a Active
Last updated at December 20, 2025, 15:18 (UTC+5:30).
Service: kamal-b01a Active
service kamal-b01a has reached a steady state.
Deployment xbzRf1Uqk7UDrq0CtZ-CB has completed.
Completed at December 20, 2025, 15:26 (UTC+5:30)


ervice > Clusters > default > Express services > kamal-b01a > Service deployments > xbzRf1Uqk7UDrq0CtZ-CB
xbzRf1Uqk7UDrq0CtZ-CB
Last updated
December 20, 2025, 15:54 (UTC+5:30)
Roll back
Deployment overview
Deployment status
Success
Deployment controller type
ECS
Deployment strategy
Canary
Canary percent
5%
Canary bake time
3 minutes
Deployment bake time
3 minutes
Deployment duration
8 minutes, 49 seconds
Created at
December 20, 2025, 15:18 (UTC+5:30)
Started at
December 20, 2025, 15:18 (UTC+5:30)
Updated at
December 20, 2025, 15:26 (UTC+5:30)
Stopped at
-
Finished at
December 20, 2025, 15:26 (UTC+5:30)
Deployment ARN
arn:aws:ecs:us-west-1:414691912691:service-deployment/default/kamal-b01a/xbzRf1Uqk7UDrq0CtZ-CB
Service revisions (1) Info
Review changes
A service revision includes the number of tasks involved in the service deployment. You can choose to view details for all service revisions created on or after October 24, 2024.