

ERROR & TROUBLESHOOTING PROMPTS

Error Prompt 1

i pushed code to **codecommit** but codepipeline is not triggering automatically, i already connected repository, what am i missing? explain possible misconfigurations step by step

Error Prompt 2

docker image is building locally in **cloud9** but when i push to **ECR** it fails with permission denied, i already logged in using aws ecr get-login-password, still error, explain where exactly iam role issue comes from

Error Prompt 3

ecs service is running but **tasks are stopping immediately**, no clear error shown, explain how to debug task stopped issue using logs and task definition

Error Prompt 4

application load balancer shows **unhealthy targets**, even though container is running, explain all possible reasons including port mismatch and health check path

Error Prompt 5

my container runs fine on localhost but fails on ECS, explain why **environment differences** cause this and how to fix it properly

Error Prompt 6

codepipeline shows success but **new changes are not reflecting** in application, explain caching, image tagging, and deployment issues

Error Prompt 7

auto scaling is not happening even when load increases, explain what metric is required and how scaling policy actually works in ECS

Error Prompt 8

ecs task cannot pull image from ecr, shows **CannotPullContainerError**, explain all reasons including repository policy and execution role

Error Prompt 9

database connection fails from ecs container but works locally, explain **private subnet networking issue**, security group and route table problem in detail

Error Prompt 10

load balancer DNS works but **/student endpoint works and /tutor doesn't**, explain listener rules and target group mapping clearly

Error Prompt 11

cloud9 docker build is extremely slow and sometimes stuck, explain why cloud9 behaves like this and how to optimize without upgrading instance

Error Prompt 12

codeDeploy fails with vague error during ECS deployment, explain how to read deployment logs and where exactly the failure usually occurs

Error Prompt 13

i accidentally pushed wrong image tag to ecr and pipeline deployed old version, explain how tagging strategy should be handled in CI/CD

Error Prompt 14

ecs service keeps restarting tasks again and again, explain **health check vs container startup timing issue** in detail

Error Prompt 15

my ALB is public but application is still not accessible from browser, explain full network path from internet gateway to container

Error Prompt 16

codepipeline fails at source stage sometimes and works sometimes, explain webhook and polling behavior in codecommit

Error Prompt 17

iam roles are very confusing, explain difference between **task role and execution role** with real example from my project

Error Prompt 18

ecs tasks are running but logs are empty in cloudwatch, explain what configuration i missed and how to enable logs properly

Error Prompt 19

database is in private subnet but ecs tasks in different subnet can't connect, explain subnet, route table, and security group relationship deeply

Error Prompt 20

overall project works sometimes and breaks sometimes, help me debug **intermittent issues** and explain how real-world cloud systems behave under load