

Interview Lab - Deployment Documentation

Domain: interview-lab.duckdns.org

AWS Region: ap-south-1

VPC: create-new

S3 static website: enabled

Terraform remote backend: enabled

Endpoints (path-based routing via ALB):

- /wordpress
- /microservice
- /ec2-instance1
- /ec2-docker1
- /ec2-instance2
- /ec2-docker2
- /static (S3)

Quick steps:

- 1) Bootstrap backend (see terraform/bootstrap-backend)
- 2) Init main terraform with backend-config and apply
- 3) Build microservice and push to ECR via GitHub Actions or locally

Notes:

- ACM certificate requires validation. Use HTTP validation with ALB if DNS cannot be changed.
- For cost control, use t2.micro for EC2 and db.t3.micro for RDS (free-tier may apply).

Files are included in the zip archive.