

# Project Guideline and interview



# Problem statement



Deploy highly available big data and web servers on cloud



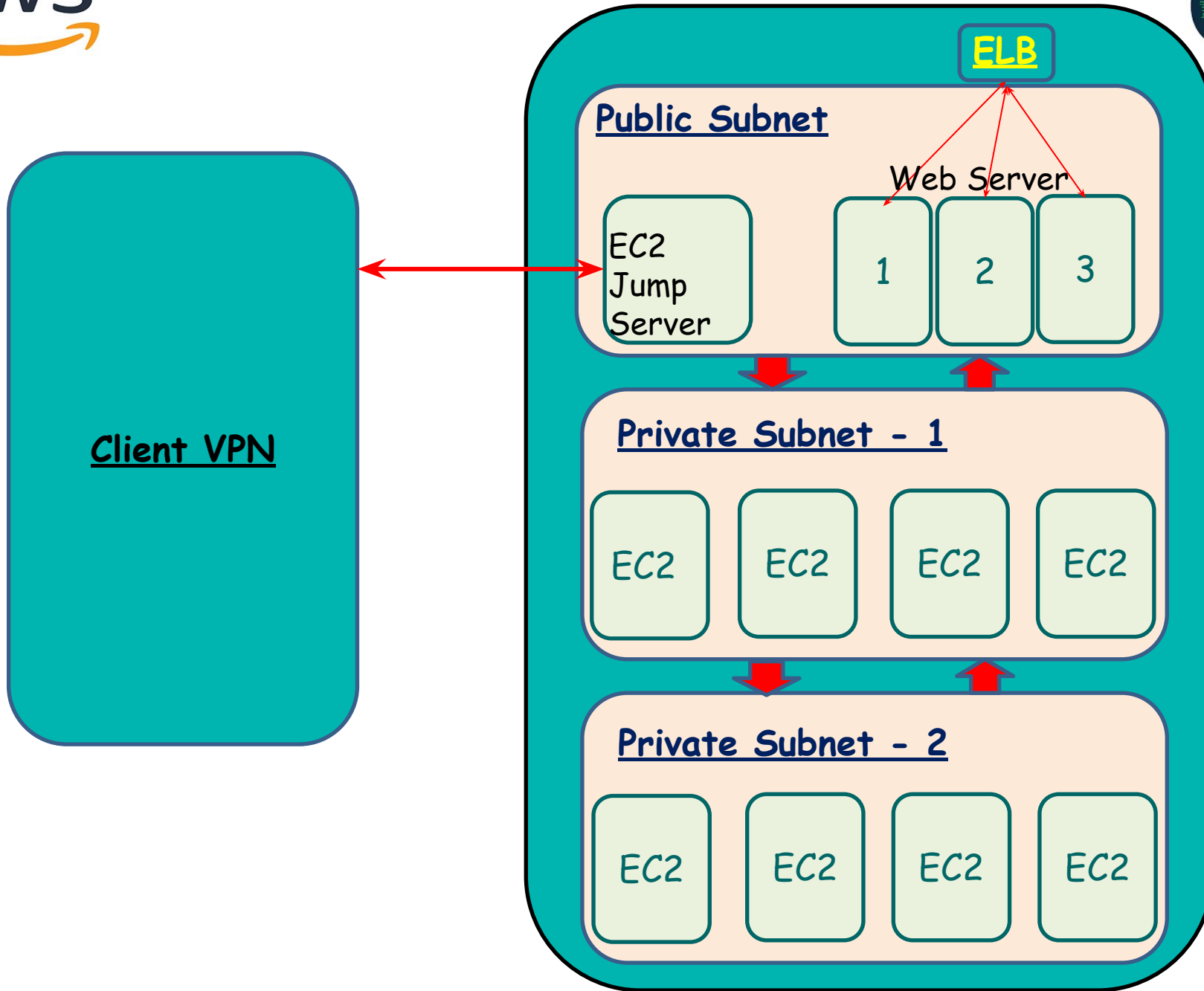
# Requirement Gathering

- Type of servers
- Storage
- VPC cidr
- Connectivity and network isolation
- capacity planning
- Data ingestion
- Auditing policies
- Access control
- Resource monitoring
- Backup and DR policy
- Cost management



# Deployment

- VPC creation
- VPC flowlogs
- Subnet (Public and private )
- NACL
- Route table config
- Security group
- Server creation (multi AZ)
- IAM role policy and user creation
- Deploying ASG and ELB for web servers
- Backup scripts
- Cloudtrail
- Cloudwatch alarm setup





# Maintenance

- User creation/Access control for server as well as AWS console
- Cloudtrail monitoring
- Resource monitoring
- VPC flowlog monitoring
- Server scaling
- DR testing
- new Service exploration
- refer day to day activities



# Mock scenarios -L1

- Introduction :
- Brief about the current role :
- Services worked on :
- Scenario based questions : (lost pem key , connection timeout etc)
- Linux responsibilities :