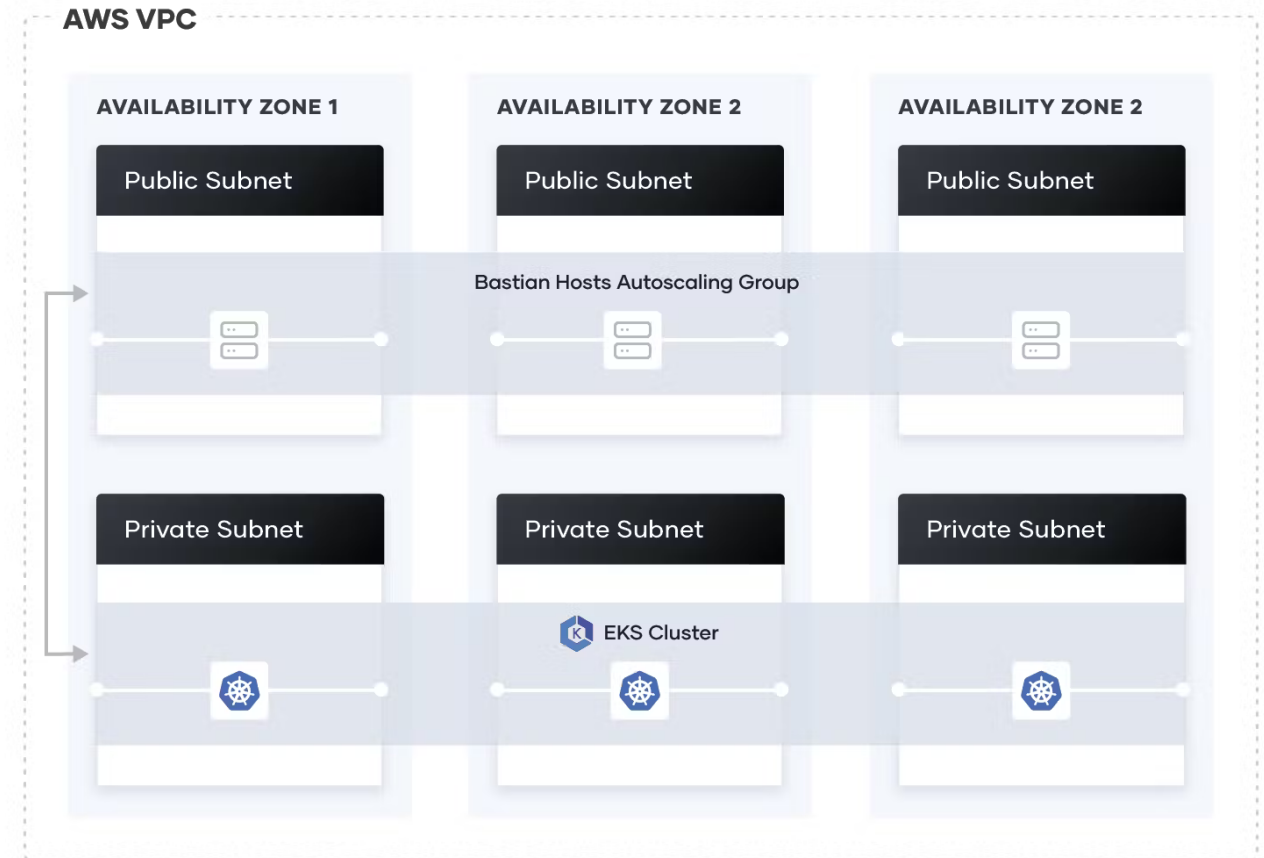


CMG Demo Step By Step

Steps to creating the application and infrastructure:

- Create Terraform for:
 - VPC
 - Subnets:
 - public-private subnet architecture to reduce exposure of resources
 - NAT Gateway:
 - to allow outbound internet access for the node groups (eg worker nodes pulling images)
 - Internet Gateway:
 - internet access for public subnets
 - Node Groups:
 - spread across availability zones for fault tolerance



- - RDS - AWS managed postgres database
 - ECS - Container Registry
- Kubernetes resources:
 - Cluster AutoScaler
 - Load Balancer type Services
 - Deployments
 - HorizontalPodAutoScaler
- Application:
 - Go Backend
 - React.JS Frontend
 - Sops for secret management
 - glue scripts for deployment and templating