EKS Infrastructure Flow:

1. VPC is created with CIDR block 10.0.0.0/16

2. Internet Gateway is attached to the VPC for internet connectivity

3. Two public subnets are created in different availability zones (us-east-1a, us-east-1b)

4. Route tables are configured to route traffic through the Internet Gateway

5. IAM roles are set up for both the EKS cluster and worker nodes with necessary permissions

6. EKS cluster is created with control plane in the public subnets

7. Node group is created with 2-3 worker nodes (t3.medium) distributed across the subnets