

Deployment Options

Custom Data Center



Install + configure everything on your own

Machines

Kubernetes Software

Cloud Provider



Install + configure most things on your own

Create + connect machines

Install + configure software

Manually or via kops etc



Use a managed service

Define cluster architecture

Services like AWS EKS

AWS EKS vs AWS ECS

AWS EKS
(Elastic Kubernetes Service)

Managed service for Kubernetes
deployments

No AWS-specific syntax or philosophy
required

Use standard Kubernetes
configurations and resources

AWS ECS
(Elastic Container Service)

Managed service for Container
deployments

AWS-specific syntax and philosophy
applies

Use AWS-specific configuration and
concepts

AWS EKS Deployment Steps

Create Cluster + Nodes



Connect kubectl to AWS EKS Cluster

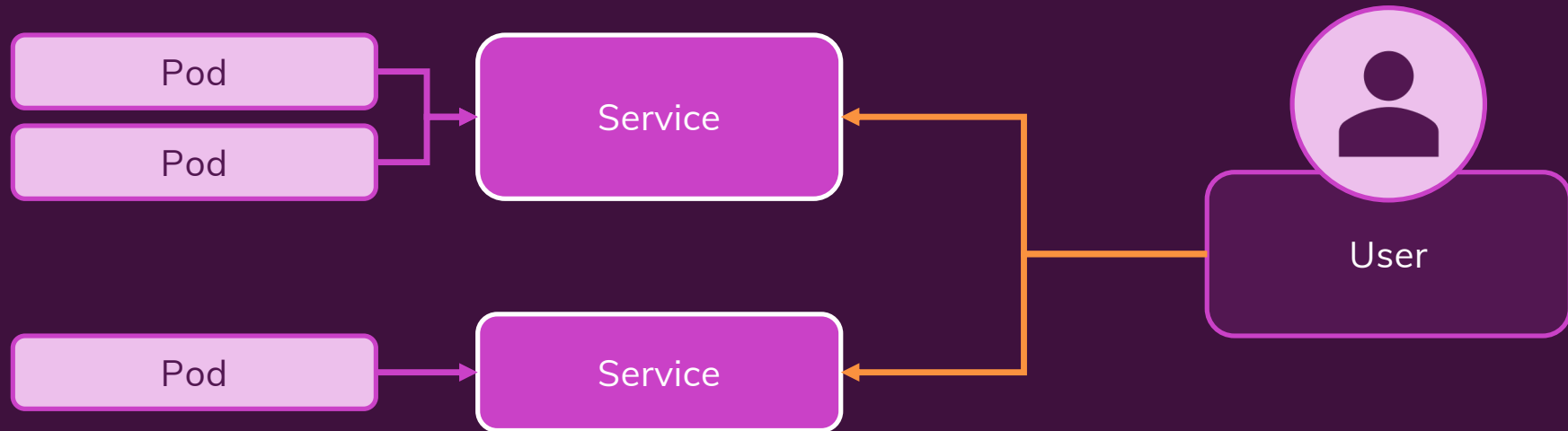


kubectl apply ...



Optional: Add additional AWS
resources (e.g. AWS EFS)

Connecting with Services



Using Ingress

