(NS)(SVC) svc.local

- Secret
- Volume
- Services DNS →
- Deploy an app KBS Cluster

V1
V2

4 Days × 4 Hrs
35 Hrs
→ 14 Hrs
10 — 48 Hrs   5-6 Days
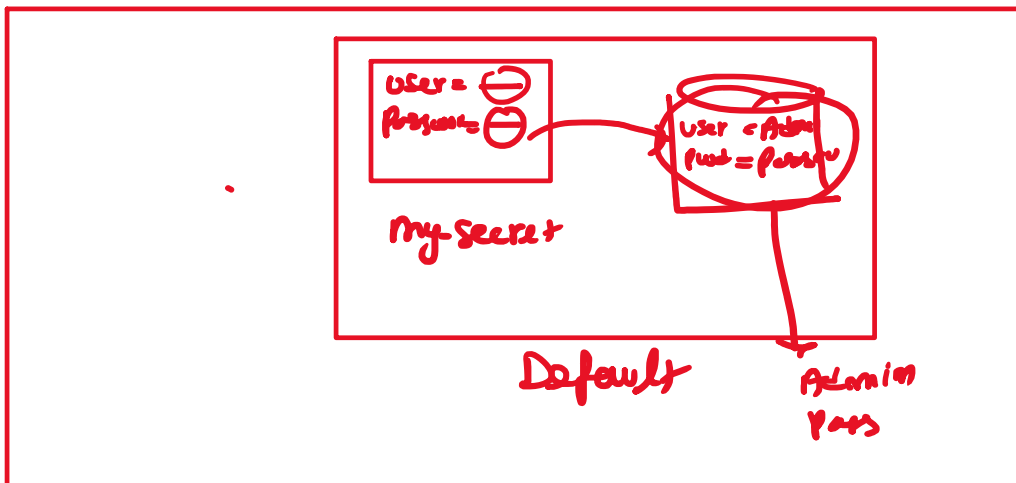
Secrets
Generic
Docker
TLS
1- Encrypte → Pod

User Name ✓
Pwd ✓
Docker Secret

User = ⊖
Password = ⊖

User = Admin
Pwd = Passw

My-Secret

Default   Admin Pass

describe   Encrypte
→ Daity Persistant
→ Storly im local

Volume → Docker

Empty Dir { }

Data
| 1 | 2 | 3 |

| 1 | 2 | 3 |

Test
Pod
Node-1   Node-2
Cluster

Host Path

Data
| 1 | 2 | 3 |

| 1 | 2 | 3 |

Test
Node-1   Node-2
Cluster

Service Account

Role Binding

User Account →
Service Account →

Node
SA1
API

SA2
Py

SA0
AMS
S/M

roles
list

Role-req

create
delete
Role-write

Cluster
Namespace

IAM
△ S/m

role-service

1) → SA ✓
2) → Role
3) → RoleBinding

1- K8S over Docker
2- K8S Architecture
3- Pod vs Container
4- Pod
5- Service
6- ReplicaSet
7- Deployment ← Rolling update
                Recreate
8- Node Selector
9- Node Affinity

15F → 14 K8S

10- Namespace
11- Resource Quota
12- ConfigMap
13- Secrets
14- Volume < Emptydir
               Hostpath
15- Web App Deployment
16- EKS cluster
17- Role, RoleBinding
         SA