



K8s, DevOps, Multi-Cloud



Table of CONTENTS

Session Number

00

Certification & Learning Overview

01

Kubernetes Core Concepts - Part 1 History, Use cases & Architecture

02

Multi-Node K8s Cluster Deployment on AWS laaS

03

Deployments, Services,

K8s Internal DNS, Loadbalancers, Ingress Controller and Helm Package Manager

04

RBAC, Encryption Certificates,

Troubleshooting, Sidecar and Init containers

05

Data Persistance, ConfigMap,

Secrets, Resource Requests, Limits, Scheduling

06

Health Checks, Deployment Strategies and K8s REST API

07	K8s HA for Etcd & Cluster Upgrade
08	Review & Exam Tips
09	DevSecOps Tools & Concepts
10	Complete Deployment using Terraform EKS, ELB, AWS Secrets, ECR, CodePipeline, S3, Database, etc
11	Complete Deployment using Terraform EKS, ELB, AWS Secrets, ECR, CodePipeline, S3, Database, etc
12	Complete Deployment using Terraform Azure Kubernetes Service & Related Services
13	Complete Deployment using Terraform Azure Kubernetes Service & Related Services
14	Complete Deployment using Terraform Google Kubernetes Engine & Related Services
15	Complete Deployment using Terraform Google Kubernetes Engine & Related Services





