

TEKLRN

## **KUBERNETES LEVEL 1**

1. Concepts
  - Overview
  - What is Kubernetes?
2. Going back in Time
  - Traditional Deployment Era
  - Virtualized deployment Era
  - Container Deployment Era
3. Why you need Kubernetes and what it can do?
4. What Kubernetes is not
5. Kubernetes Concepts
  - Control Plane Components
  - Kube-apiserver
  - Etcd
  - Kube-scheduler
  - Kube-controller-manager
  - Cloud-controller-manager
6. Node Components
  - Kubelet
  - Kube-proxy
7. Container Runtime
8. Addons
  - DNS
  - Web UI(Dashboard)
  - Container Resource Monitoring
  - Cluster-level Logging