

Day 1	Evolution of IT, Why Containers ? What are Containers ?,Intro to Docker,Install Docker, Container Commands ,Docker Images,Container Orchestration
Day 2	Kube Architecture, Install, BootStrap, Components, Folders, Api-resources, Container network, Pods
Day 3	YAML, Multi-Pods, Static, Init, NameSpaces, master Pods, labels, limits, Env, Probes, Service
Day 4	Controllers- RC, RS, Deployments, Jobs, Cronjobs , Rollingupdates/Rollback, Services- ClusterIP, NodePort & Dashboard
Day 5	Scheduling- NodeSelector, Labels, Affinity, Taints & Tolerations, Namespace-limits, Drain/uncordon, etcd-backups, Monitoring
Day 6	Storage - EmptyDir, hostPath, PV, PVC, StorageClass, ConfigMap, Secrets, CloudDisk, Service-LB, StatefulSet-Headless Svc & Helm
Day 7	Security - Authn & Authz , Certificates, Roles, Cluster Roles, Config file, Contexts, Service Accounts & Security Context
Day 8	Network, DNS Tests, Network-Policy Troubleshoot, Ingress, Helm, HPA --- CKA EXAM