

Schedule	Docker For Both CKA & CKAD	Courses
Day 1	Monolithic and Microservice, Introduction to Container & Docker, Docker Installation & Architecture, Working with Containers	CKA and CKAD
Day 2	Docker Images, Docker Networking	
Day 3	Docker Storage & Dockerfile	
Day 4	Docker compose & Overview of Docker Swarm	
Schedule	CKA and CKAD Common	
Day 5	Introduction of Kubernetes, Master & Worker Components, Kubeadm tool	CKA and CKAD
Day 6	Kubernetes Cluster Creation and Configuration Kubernetes Basic building blocks	
Day 7	Deploying basic app deployment	
Day 8	Kubernetes Networking & Deploying Highly Available Application	
Day 9	Deployment rollout and pause Configuring Autoscaling with HPA	
Day 10	Perssitent Storage with NFS Advanced Scheduling	
Day 11	Kubernetes Security RBAC, ConfigmapK8s, Network Policies, Security Context	
Schedule	CKA Only	
Day 12	Cluster Resource Limit, Kubernetes Maintenance and Troubleshooting, Side-car Pattern	CKA
Day 13	Working with Application StackStatefulset , Daemonset Controller	
Day 14	Deploying Logging ELK stack, Highly Available Cluster, Cluster Upgrade, ETCD Backup and Restore	
Schedule	CKAD Only	
Day 12	Health Check Probes, Kubernetes Secrets	CKAD
Day 13	Kubernetes Application Troubleshooting, Multi-Conatiner Pattern, Jobs & Corn Jobs	
Day 14	JobsMulti-Stage Dockerfile Developing and Deploying Application stack end-to-end	
Schedule	CKA and CKAD Common	
Day 15	AKS Cluster and Adv Scheduling	CKA and CKAD
Day 16	Adv Networking, Helm Charts & Dynamic Storage Provisioning	