



KubeCon



CloudNativeCon

Europe 2019



KubeCon



CloudNativeCon

Europe 2019

Ready, Steady, CKA!

Tips and tricks for preparing and passing the CKA exam

Olive Power

Agenda



KubeCon



CloudNativeCon

Europe 2019

- CKA Course Overview
- Tips and Tricks
- Resources

CKA Course Overview



KubeCon



CloudNativeCon

Europe 2019

Scheduling 5% - Labels, Sets, Schedulers

Logging/Monitoring 5% - of cluster components

Application Lifecycle Management 8% - Deployments

Cluster Maintenance 11% - upgrades, backup

Security 12% - RBAC, admission control, Authn/z

Storage 7% - PV, PVC

Troubleshooting 10% - node / application failure

Core Concepts 19% - Architecture and Objects

Tips and Tricks



KubeCon



CloudNativeCon

Europe 2019

1. Kubernetes.io and sub pages are available
2. Know your way around the “Tasks” section of documentation
<https://kubernetes.io/docs/tasks/>
3. Manifests can be copied from the docs pages. Use `cat >> <yaml file> <<EOF > EOF`
4. Use `–dry-run` for quickly creating yaml files
5. Get to know Kubectl – use help and the cheat sheet
<https://kubernetes.io/docs/reference/kubectl/cheatsheet/>
6. Get to know your editor (vim) and timesaving commands (gg, G)
7. Alias `k=kubectl` and even more.. alias `kgp='kubectl get pods'`

Resources



KubeCon



CloudNativeCon

Europe 2019

1. <https://kubedex.com/7-5-tips-to-help-you-ace-the-certified-kubernetes-administrator-cka-exam/>
2. <https://kubernetes.io/docs/home/>
3. <https://blog.heptio.com/how-heptio-engineers-ace-the-certified-kubernetes-administrator-exam-93d20af32557>
4. <https://github.com/kubernauts/Kubernetes-Learning-Resources>
5. Managing Kubernetes – Brendan Burns and Craig Tracey

