

KUBERNETES

konfessions

I wish I knew It Before !!

Soumil Khandelwal

- » DevOps , Developer and Open Source Fan
- » Platform Engineer @LambdaTest



DISCLAIMER

1. Its a piece of Cake !

K DELETE POD



Riverly with HPA

K DELETE DEPLOY

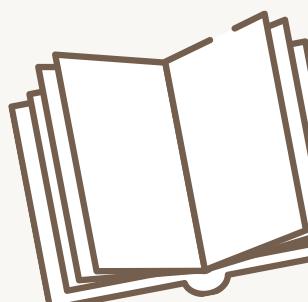


Father of Pod

ARGO IS HERE



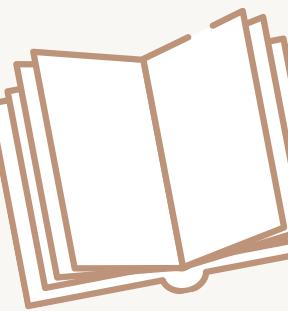
Argo is God





Konfession !

- ▶ Helm or GitOps or a combo
- ▶ Third Party tools
- ▶ Understand the system



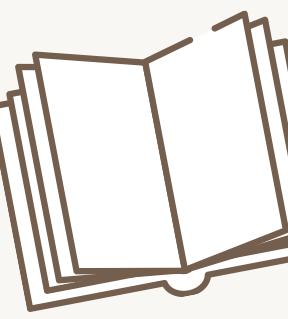
STAGE CLUSTER

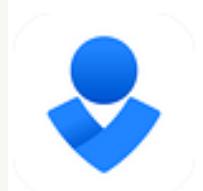
2. Maze of Clusters !

Connections via Bastions

**UPDATE THE
CONFIGMAPS**

ARE You SURE !!!





Opsgenie APP 5:56 PM

#73652: There were some failures when running smoke jobs on production. Please check [hyp_smoke_alerts channel](#)



hyperexecute-smokealerts-bot APP 9:53 PM

Hyperexecute UI Smoke Job ALERT:
stage UI Smoke Job is failed please check



Opsgenie APP 5:49 PM

#73649: There were some failures when running smoke jobs on production. Please check [hyp_smoke_alerts channel](#)



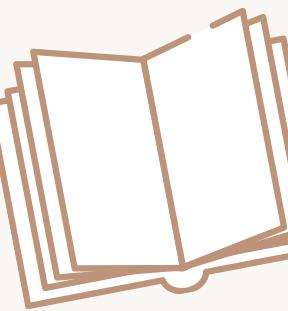
hyperexecute-smokealerts-bot APP 6:35 PM

Hyperexecute Windows vm-rescheduling Smoke Job ALERT:
stage Windows vm-rescheduling Smoke Job is failed for Windows-10 please check

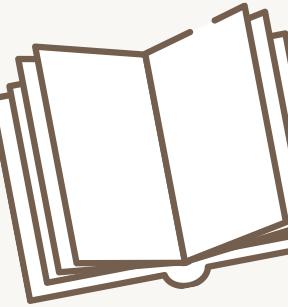


Konfession !

- Before Apply, always verify the cluster.
`kubectl config current-context`
- Use Dry Runs
`--dry-run=client`
- Prevent Friday Deployments



3. Tussle with the Devs !



Konfession !

RESOURCE QUOTAS



per Namespace

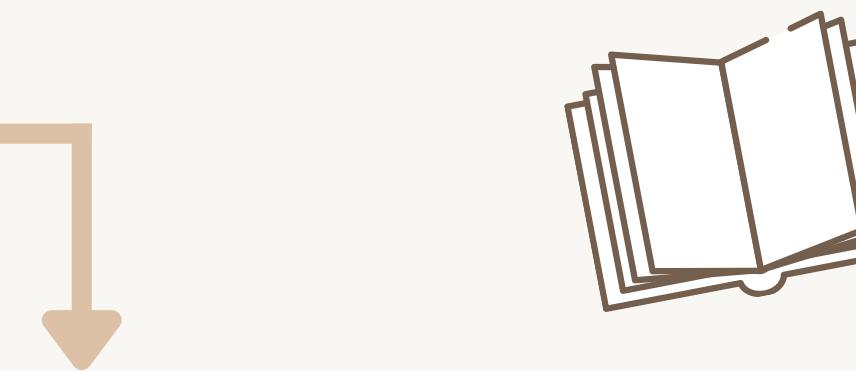


LIMITRANGE



**Admission
Controller**

CAPACITY PLANNING



**QOS
PriorityClass
Replicas
Perfect Node**

...

THANK YOU FOR LISTENING

Linkedin

