

# ExternalDNS on K8s

How to sync Services and Ingresses with external DNS Providers  
(on Exoscale Cloud)



whizus

When we run apps on Kubernetes, we usually do this



.. but when do we **DNS**?

On simple setups we just use wildcards...  
like **\*.dev.whizus.net**

Which just points to an IP (like 1.2.3.4)

But...

If we use serviceType: LoadBalancer we get “random” IPs...

If we use different levels  
(like \*.dev..., \*.staging..., \*.erik..., \*.dimis.special... a.s.o)...

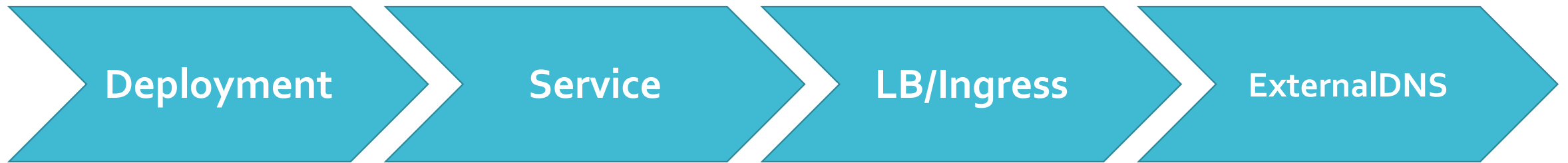
we have to manage them...

and if we have backup clusters  
(AZ-BCK-B...a.s.o, or federations)...

and even multiple DNS providers  
(exoscale, rcode0, cloudflare...)

... we have FUN 😊

## Let's talk about ExternalDNS



to manage all the DNS related stuff, we simply add a “small” extrastep

DEMO on  EXOSCALE

Demo: <https://asciinema.org/a/65PPSNwHKH8BtrLF2nwvn5D5Y>

Speakerdeck: <https://speakerdeck.com/dklesev>

GitHub: <https://github.com/whizus>

Exoscale: <https://exoscale.com>

WhizUs: <https://whizus.com>

We're hiring!



Thank You!