Short Q/A

Hello!

I am Yeshwanth Reddy

I am here because I love to give presentations.

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Tag Kubernetes Bangalore on Twitter:
#k8sBLR

Single Node Kubernetes

Kubernetes is a :

Very active open source project

2k+ Contributors

75k+ Commits

Apache 2 licensed

Written in Go (or Golang)

Hosted by Cloud Native Computing Foundation(CNCF)

Why Deployments?

Scaling

With a deployment, you can specify the number of replicas you want, and deployment will scale-up or scale-down pods to meet that number of replicas
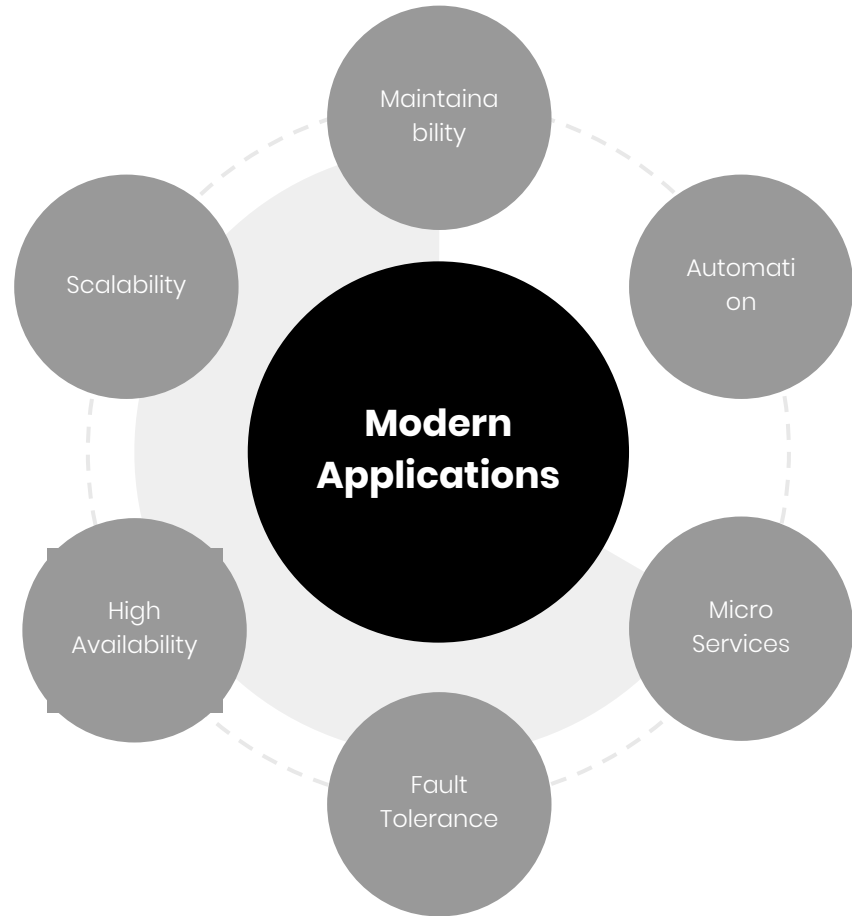
Rolling Updates

With deployments, changing the deployment image will gradually migrate the existing containers to the latest version of the container

Self-Healing

If a Pod is down for any reason, the deployment will immediately spin up a new one to replace it
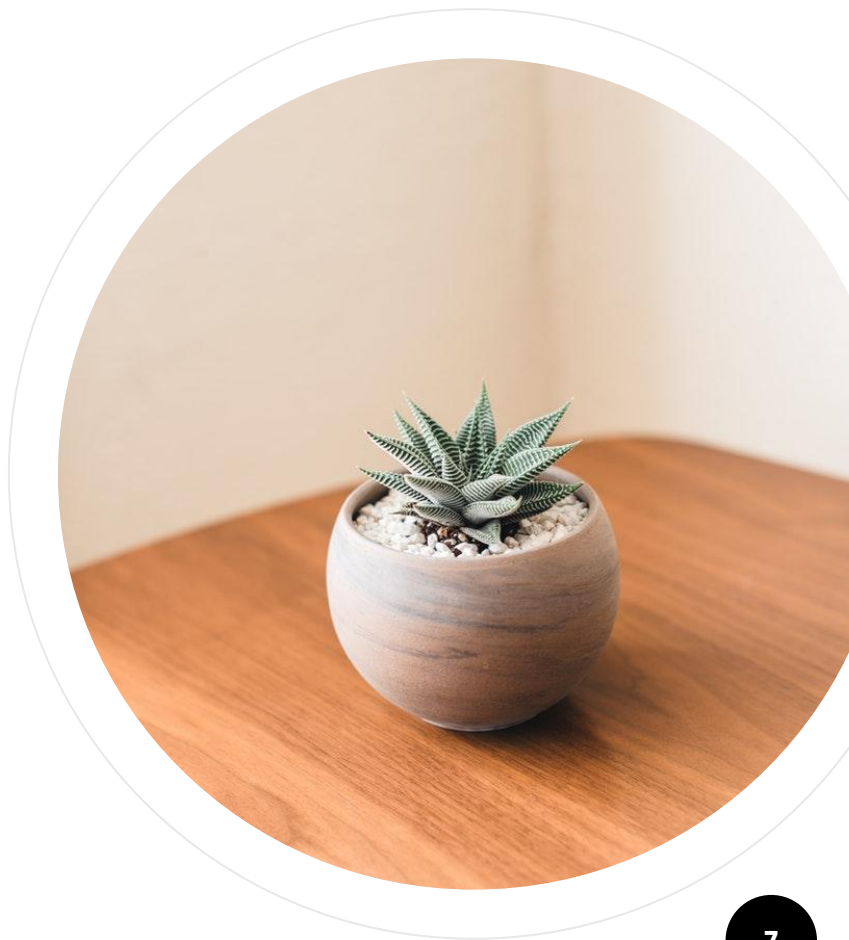
Modern Application Requirements

Maintainability

Automation

Scalability

Modern Applications

Micro Services

High Availability

Fault Tolerance

A picture is worth a thousand words

Kubernetes has a number of features. It can be thought of as:

- a container platform

- a microservices platform

- a portable cloud platform and a lot more.

Resources

1. https://kubernetes.io

2. https://kubernetesbootcamp.github.io/kubernetes-bootcamp/index.html

3. https://training.play-with-kubernetes.com/kubernetes-workshop/

4. https://www.cncf.io/phippy/

Presentation details

You can find my presentation at

https://github.com/imjuststarting/presentations/

For further queries and Doubts do join the Kubernetes Slack group at

http://slack.k8s.io

Thanks!

Any questions?

You can find me at

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