



# Hello!

**I am Yeshwanth Reddy**

I am here because I love to give presentations.

You can find me at:

@golazynani on Twitter

@LazyNani in Slack

<https://www.linkedin.com/in/golazynani/>



# 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

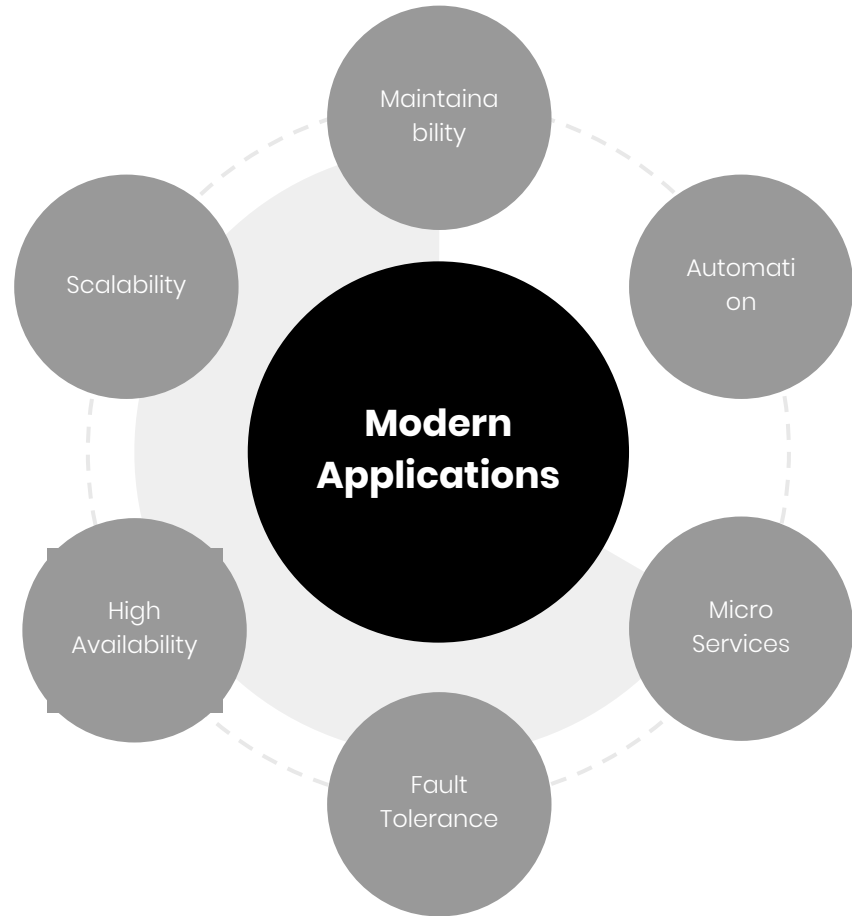
With deployments, changing the deployment image will gradually migrate the existing containers to the latest version of the container

## Self-Healing

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



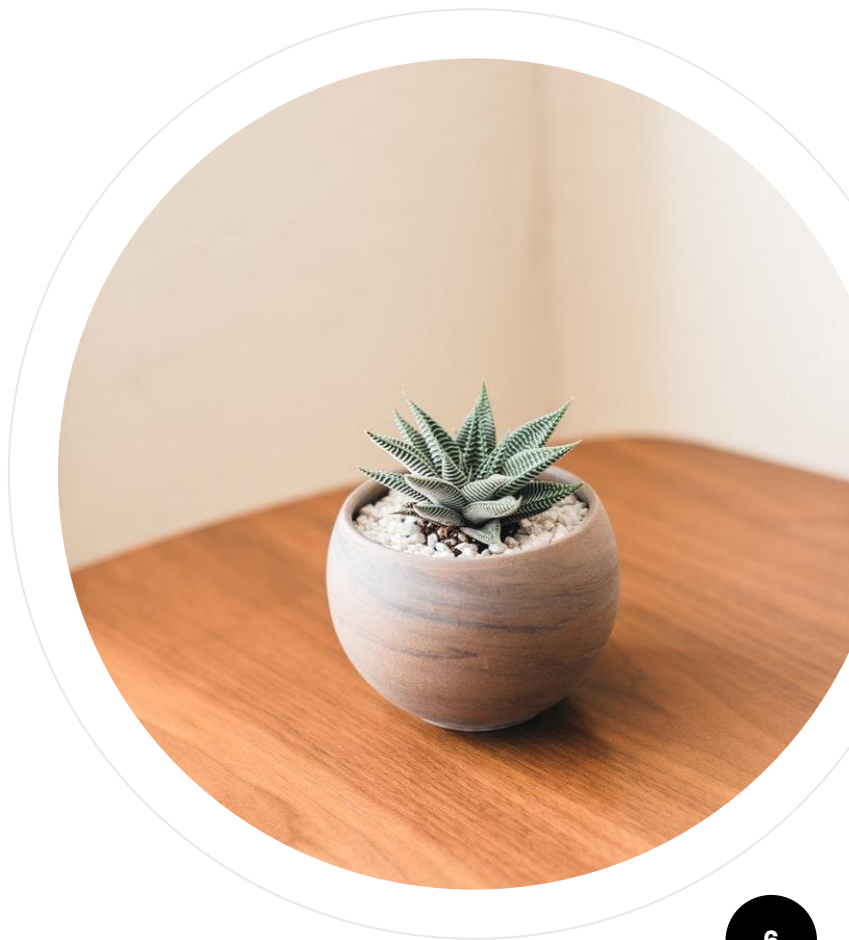
# Modern Application Requirements



# 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/>



# Thanks!

## **Any questions?**

You can find me at

- @golazynani on Twitter
- @LazyNani on Kubernetes Slack
- <https://www.linkedin.com/in/golazynani/>



# Presentation details

You can find my presentation at

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

