



Rookie Lab  
Learning Day Featuring Kubernetes  
Hosted by KubeCampus

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## Kubernetes Networking Fundamentals



### Objectives

- Review K8s networking terminology
- Answer a series of initial challenge questions in the lab to ensure the user has mastered the Kubernetes terminology
- Use real keyboard networking commands

### Pre-work requirements

For all users

- [Blog](#)
- [Intro to Kubernetes](#)
- Lab Series Overview slides

For more advanced users

- [Kasten K10 documentation](#)
- [Free Kasten K10 download](#)

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## Kubernetes Networking Fundamentals – Part 1



### Kubernetes Introduction

The network model is implemented by the container runtime on each node.

The most common container runtimes use [Container Network Interface](#) (CNI) plugins to manage their network and security capabilities

### Terminology

- Kubernetes Services
- Microservices
- Load Balancer
- ClusterIP
- NodePort

# Rookie Lab

## Kubernetes Networking Fundamentals – Part 2

### Commands for the Rookie Lab

- Kubernetes Services Review
- Deploy pod inside cluster
- Expose Pod via a ClusterIP service
- Test to confirm we can reach the pod through the service internally





Thank You