

Course 11 – Introduction to Kubernetes Troubleshooting

Take your Kubernetes Knowledge to the Next Level!

Course 11 Introduction

Objectives and Prework



kubernetes

Objectives

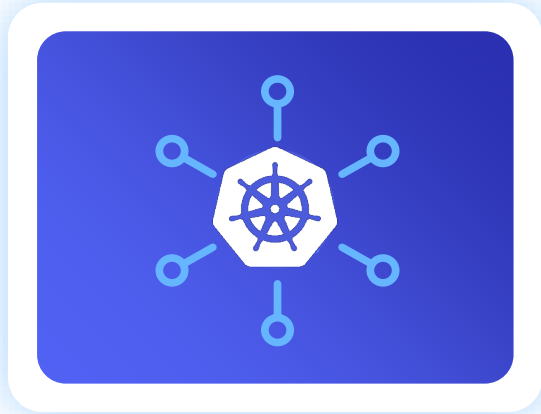
- Introduce the learner to Kubernetes Troubleshooting
- Explain the importance of Troubleshooting to maintaining a healthy Kubernetes deployment
- Study and understand various techniques and best practices in identifying and resolving issues within Kubernetes environments.
- Understand Kubernetes Logs, Kubectl, and other Kubernetes tools for debugging and problem solving

Prework Requirements

- For all users
 - [Blog for course 11](#)
 - [Slides for course 11](#)
 - [VOD for course 11](#)
- For advanced users
 - [K10 documentation](#)
 - [Free K10 download](#)

Lab 11 - Part 1

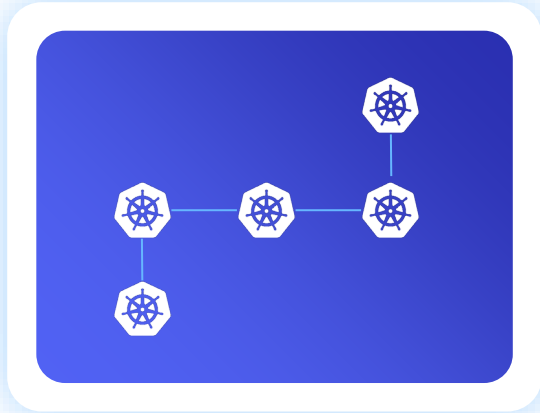
Troubleshooting Theory



- Key Troubleshooting Components and Common Kubernetes Problems
- Understanding Kubernetes Logs
- Working Effectively with Kubectl
- Troubleshooting Techniques explained

Lab 11 – Part 2

Troubleshooting Hands On



- Scenario 1- Troubleshooting Pods
- Scenario 2- Troubleshooting Containers
- Scenario 3- Troubleshooting Application Deployment Issues
- Scenario 4- Troubleshooting Resource and Configuration Issues



Thank You