

# Lab 3 Back up a Kubernetes Application



## Lab 3

### **Back up a Kubernetes Application**





- Review Kubernetes basics and terminology
- Answer a series of initial challenge questions in the lab to ensure the user has mastered the Kubernetes terminology
- Use real keyboard commands to back up an actual Kubernetes application after installing Kasten K10

#### Pre-work requirements

For all users

- Blog for Lab 3
- Intro to Kubernetes
- Slides for Lab 3
- VOD for Lab 3

#### For advanced users

- Kasten K10 documentation
- Free Kasten K10 download



# **Lab 3 - Part 1**

# **Key Kubernetes Backup Terminology Review**





#### Terminology

- Why Backup in Kubernetes is different than what you might have done before
- Step by step backup procedure in Kubernetes
- Getting security right
- Reviewing the risks in the process
- Tips, tricks, gotchas



# **Lab 3 – Part 2**

## **Backing up an Application- hands on**



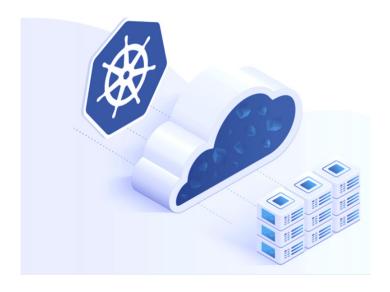
#### For Data Service MySQL

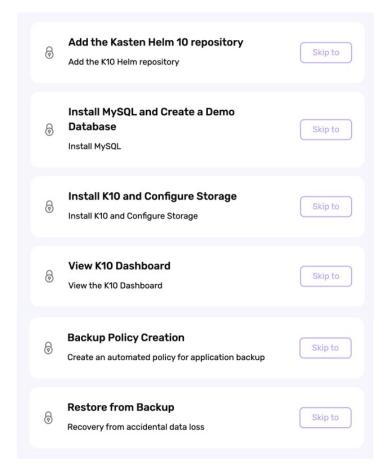
- Deploy Kasten K10
- Backup the data service
- Protect the data service
- Provide an example failure scenario
- Delete data
- Recover Kasten K10





# **Lab 3**Hands on Summary









# Thank You