

Docker for DevOps, Part 5 of 6: Create Production Server

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Prerequisites: none

Runtime: 01:27:24

Course description: This course will walk through developing and deploying a multi-service Flask and Ruby on Rails application with a focus on deploying it. Along the way you'll learn all the Docker basics as well as: Creating and preparing droplet, purchase and configuring a domain, centralized logging and planning to scale.

Course outline:

Creating a New Droplet

- Introduction
 - Creating a new droplet
 - Picking a hosting provider
 - Summary
- Kubernetes
 - Summary

Preparing your Droplet

- Introduction
- Preparing your droplet
- Signing up with digital ocean
- Picking a domain registrar
- Summary

Purchase and Configure a Domain

- Introduction
- Purchasing and configuring a domain
- Investigating lets encrypt
- Picking a certificate authority
- Using your certificates in production
- Verifying that your ssl cert is graded a plus
- Adding more services to your web app
- Summary

Centralized Logging

- Introduction
- Centralized logging
- Congrats you finished the main course
- Evaluating configuration management tools
- Exploring continuous integration ci
- Summary

Monitoring Metrics and Alerting

- Introduction
- Monitoring metrics and alerting
- Real Time Monitoring
- Summary

Planning to Scale

- Introduction
- Planning to scale