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

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
- Kubernetes
- Summary