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

Meet the expert: Nick Janetakis is a consultant who works with teams and individuals on Topics of Web Development: Ruby on Rails, Flask, Docker and Ansible, and is an instructor for Stone River eLearning

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