

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

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**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
- 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