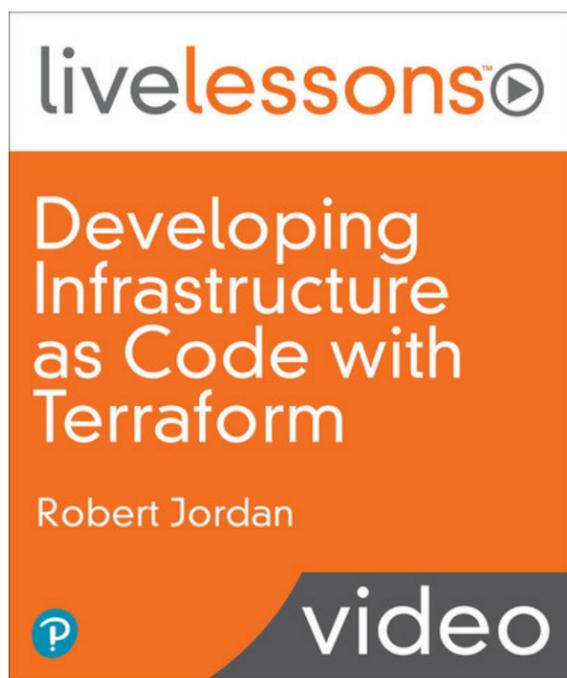


Developing Infrastructure as Code with Terraform LiveLessons

★★★★☆ [30 reviews](#)

By [Robert Jordan](#)



Start

TIME TO COMPLETE:
4h 10m

LEVEL:
Beginner to intermediate

TOPICS:
[Infrastructure as Code](#)

PUBLISHED BY:
[Pearson](#)

PUBLICATION DATE:
January 2020

4+ Hours of Video Instruction

Overview

Cloud computing has revolutionized the IT industry over the past decade. Now that the dust is settling, IT professionals are beginning to realize that the roles, responsibilities, and practices that previously made sense need to be re-examined. ***Developing Infrastructure as Code with Terraform LiveLessons*** lays out the road ahead and teaches cutting-edge tools and practices to quickly bring existing skills up to date or to jump-start a novice career. Infrastructure as Code (IaC) dissolves the boundaries between Dev and Ops to the point where infrastructure engineering is now a software development discipline. That's where this LiveLessons course comes in.

Description

Modern software development in the cloud has spurred myriad advances in efficiency for developers. Now, infrastructure engineers can leverage many of the same tools and practices to deploy reliable infrastructure. This course shows how to successfully integrate Infrastructure as Code (IaC) into your test and deployment pipelines.

This LiveLessons course introduces the philosophy behind IaC and covers how to implement IaC in your own environment using Terraform. Robert Jordan illustrates the critical tools and practices to successfully implement IaC in a collaborative production environment. Developers and Ops clientele will learn how to integrate IaC into test and deployment pipelines, how to enforce code review for infrastructure changes, and how to manage infrastructure change. The video combines PowerPoint slides, interactive web demonstrations, and code illustration.

About the Instructor

Robert Jordan has been designing, implementing, and deploying production applications for some of the world's largest media and scientific customers for more than 20 years. Throughout that time, he has successfully led projects on all major cloud platforms and is currently certified on both AWS and GCP platforms. He is also a co-founder of Pragmatic AI Labs.

Skill Level

- Beginner to Intermediate

What You Will Learn

Learn how to

- Build and test cloud infrastructure
- Create reproducible, immutable infrastructure with code
- Master industry-leading software Terraform
- Implement collaborative IaC teams

Learn to perform real-world deployment scenarios, including

- Collaborative IaC development
- Deployment stages (e.g., dev/stage/prod)
- Testing and debugging Terraform deployment

Who Should Take This Course

- Infrastructure Engineers
- System Architects
- Software Engineers
- Engineering Managers

Course Requirements

- Experience with Unix-like operating systems (The examples will all work on Windows, but many of the cloud deployments will run Linux)
- Experience with at least one cloud platform

About Pearson Video Training

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Download associated code at GitHub- <https://github.com/rojopolis/TerraformLiveLessons>.

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