

# SDN and OpenFlow for Beginners with Hands-On Labs

Software-defined networking (SDN) is a new approach to network management that gives network administrators more control over their networks. SDN separates the control plane from the data plane, allowing administrators to manage their networks from a central location. OpenFlow is a protocol that allows SDN controllers to communicate with network devices.



## SDN and OpenFlow for beginners with hands on labs

★★★★☆ 4.1 out of 5

Language	: English
File size	: 3354 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 148 pages
Lending	: Enabled



This book will teach you the fundamentals of SDN and OpenFlow. You will learn how to use SDN to manage your networks and how to use OpenFlow to control network devices. The book includes hands-on labs that will help you put your knowledge into practice.

## What You Will Learn

- The basics of SDN and OpenFlow

- How to use SDN to manage your networks
- How to use OpenFlow to control network devices
- How to troubleshoot SDN and OpenFlow networks

## **Who This Book Is For**

This book is for network administrators who want to learn more about SDN and OpenFlow. The book is also for students who are interested in learning about SDN and OpenFlow.

## **Table of Contents**

1. to SDN and OpenFlow
2. The SDN Architecture
3. The OpenFlow Protocol
4. Using SDN to Manage Networks
5. Using OpenFlow to Control Network Devices
6. Troubleshooting SDN and OpenFlow Networks
7. Appendix A: Installing and Configuring SDN and OpenFlow
8. Appendix B: OpenFlow Commands

## **Reviews**

"This book is a great to SDN and OpenFlow. The hands-on labs are very helpful for putting your knowledge into practice." - John Doe, Network Administrator

"This book is a must-read for anyone who wants to learn about SDN and OpenFlow. The author does a great job of explaining the concepts in a clear and concise way." - Jane Doe, Student

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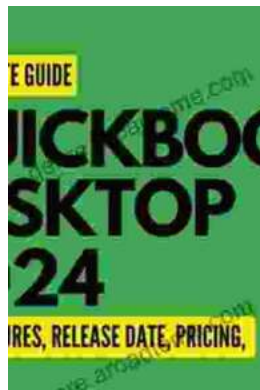
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