Apache Mesos Cookbook

David Blomquist

Apache Mesos Cookbook

David Blomquist

Apache Mesos Cookbook David Blomquist

Key Features

- Learn to install and configure Mesos to suit the needs of your organization
- Follow step-by-step instructions to deploy application frameworks on top of Mesos, saving you many hours of research and trial and error
- Use this practical guide packed with powerful recipes to implement Mesos and easily integrate it with other application frameworks

Book Description

Apache Mesos is open source cluster sharing and management software. Deploying and managing scalable applications in large-scale clustered environments can be difficult, but Apache Mesos makes it easier with efficient resource isolation and sharing across application frameworks.

The goal of this book is to guide you through the practical implementation of the Mesos core along with a number of Mesos supported frameworks. You will begin by installing Mesos and then learn how to configure clusters and maintain them. You will also see how to deploy a cluster in a production environment with high availability using Zookeeper.

Next, you will get to grips with using Mesos, Marathon, and Docker to build and deploy a PaaS. You will see how to schedule jobs with Chronos. We'll demonstrate how to integrate Mesos with big data frameworks such as Spark, Hadoop, and Storm. Practical solutions backed with clear examples will also show you how to deploy elastic big data jobs.

You will find out how to deploy a scalable continuous integration and delivery system on Mesos with Jenkins. Finally, you will configure and deploy a highly scalable distributed search engine with ElasticSearch.

Throughout the course of this book, you will get to know tips and tricks along with best practices to follow when working with Mesos.

What you will learn

- Set up Mesos on different operating systems
- Use the Marathon and Chronos frameworks to manage multiple applications
- Work with Mesos and Docker
- Integrate Mesos with Spark and other big data frameworks
- Use networking features in Mesos for effective communication between containers
- Configure Mesos for high availability using Zookeeper
- Secure your Mesos clusters with SASL and Authorization ACLs
- Solve everyday problems and discover the best practices

About the Author

David Blomquist been working with computers since the 1980s. His first computer was an Apple Macintosh and the first networked computer he managed was a 10 terminal Xenix system. Since that time, David has held positions in virtually every area of IT, including operations, development, and architecture. David now specializes in designing Big Data, HPC, and Grid Computing systems with applications in Health Care and Science. Most recently, he has designed and deployed several large-scale clusters for the Federal Government.

Download and Read Free Online Apache Mesos Cookbook David Blomquist

From reader reviews:

Latrice Miller:

This Apache Mesos Cookbook are generally reliable for you who want to be considered a successful person, why. The reason of this Apache Mesos Cookbook can be on the list of great books you must have is actually giving you more than just simple examining food but feed an individual with information that probably will shock your previous knowledge. This book is actually handy, you can bring it everywhere and whenever your conditions in e-book and printed types. Beside that this Apache Mesos Cookbook giving you an enormous of experience for instance rich vocabulary, giving you tryout of critical thinking that we realize it useful in your day pastime. So , let's have it appreciate reading.

John Hickman:

Reading a e-book can be one of a lot of action that everyone in the world loves. Do you like reading book consequently. There are a lot of reasons why people like it. First reading a reserve will give you a lot of new details. When you read a book you will get new information since book is one of several ways to share the information or perhaps their idea. Second, reading through a book will make anyone more imaginative. When you examining a book especially hype book the author will bring that you imagine the story how the people do it anything. Third, you can share your knowledge to other folks. When you read this Apache Mesos Cookbook, you are able to tells your family, friends in addition to soon about yours reserve. Your knowledge can inspire average, make them reading a reserve.

Mandi Rice:

The particular book Apache Mesos Cookbook has a lot of information on it. So when you check out this book you can get a lot of help. The book was written by the very famous author. Tom makes some research just before write this book. This particular book very easy to read you will get the point easily after reading this book.

Mary Wright:

Do you have something that you want such as book? The reserve lovers usually prefer to pick book like comic, short story and the biggest an example may be novel. Now, why not hoping Apache Mesos Cookbook that give your entertainment preference will be satisfied through reading this book. Reading routine all over the world can be said as the method for people to know world a great deal better then how they react towards the world. It can't be stated constantly that reading practice only for the geeky man but for all of you who wants to be success person. So , for every you who want to start studying as your good habit, you are able to pick Apache Mesos Cookbook become your own starter.

Download and Read Online Apache Mesos Cookbook David Blomquist #3NLY61U7PIK

Read Apache Mesos Cookbook by David Blomquist for online ebook

Apache Mesos Cookbook by David Blomquist Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Apache Mesos Cookbook by David Blomquist books to read online.

Online Apache Mesos Cookbook by David Blomquist ebook PDF download

Apache Mesos Cookbook by David Blomquist Doc

Apache Mesos Cookbook by David Blomquist Mobipocket

Apache Mesos Cookbook by David Blomquist EPub