



Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison- Wesley Microsoft Technology)

Boris Scholl, Trent Swanson, Daniel Fernandez

Download now

Read Online 

[Click here](#) if your download doesn't start automatically

Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology)

Boris Scholl, Trent Swanson, Daniel Fernandez

Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology) Boris Scholl, Trent Swanson, Daniel Fernandez
Book + Content Update Program

“Beyond just describing the basics, this book dives into best practices every aspiring microservices developer or architect should know.”

—Foreword by Corey Sanders, Partner Director of Program Management, Azure

Microservice-based applications enable unprecedented agility and ease of management, and Docker containers are ideal for building them. Microsoft Azure offers all the foundational technology and higher-level services you need to develop and run any microservices application. **Microservices with Docker on Microsoft Azure** brings together essential knowledge for creating these applications from the ground up, or incrementally deconstructing monolithic applications over time.

The authors draw on their pioneering experience helping to develop Azure’s microservices features and collaborating with Microsoft product teams who’ve relied on microservices architectures for years. They illuminate the benefits and challenges of microservices development and share best practices all developers and architects should know.

You’ll gain hands-on expertise through a detailed sample application, downloadable at github.com/flakio/flakio.github.io. Step by step, you’ll walk through working with services written in Node.js, Go, and ASP.NET 5, using diverse data stores (mysql, elasticsearch, block storage). The authors guide you through using Docker Hub as a service registry, and Microsoft Azure Container service for cluster management and service orchestration.

Coverage includes:

- Recognizing how microservices architectures are different, and when they make sense
- Understanding Docker containers in the context of microservices architectures
- Building, pulling, and layering Docker images
- Working with Docker volumes, containers, images, tags, and logs
- Using Docker Swarm, Docker Compose, and Docker Networks
- Creating Docker hosts using the Azure portal, Azure Resource Manager, the command line, docker-machine, or locally via Docker toolbox
- Establishing development and DevOps environments to support microservices applications
- Making the most of Docker’s continuous delivery options
- Using Azure’s cluster and container orchestration capabilities to operate and scale containerized microservices applications with maximum resilience
- Monitoring microservices applications with Azure Diagnostics, Visual Studio Application Insights, and Microsoft Operations Management Suite
- Developing microservices applications faster and more effectively with Azure Service Fabric

- An extensive sample application demonstrating the microservices concepts discussed throughout the book is available online

In addition, this book is part of InformIT's exciting new Content Update Program, which provides content updates for major technology improvements! As significant updates are made to Docker and Azure, sections of this book will be updated or new sections will be added to match the updates to the technologies. As updates become available, they will be delivered to you via a free Web Edition of this book, which can be accessed with any Internet connection. To learn more, visit informit.com/cup.

How to access the Web Edition: Follow the instructions inside to learn how to register your book to access the FREE Web Edition.

 [Download Microservices with Docker on Microsoft Azure \(includes ...pdf](#)

 [Read Online Microservices with Docker on Microsoft Azure \(include ...pdf](#)

Download and Read Free Online Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology) Boris Scholl, Trent Swanson, Daniel Fernandez

Download and Read Free Online Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology) Boris Scholl, Trent Swanson, Daniel Fernandez

From reader reviews:

Eloise Torres:

Within other case, little individuals like to read book Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology). You can choose the best book if you'd prefer reading a book. So long as we know about how is important a new book Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology). You can add expertise and of course you can around the world by way of a book. Absolutely right, mainly because from book you can understand everything! From your country until foreign or abroad you will end up known. About simple factor until wonderful thing you could know that. In this era, we could open a book as well as searching by internet system. It is called e-book. You need to use it when you feel fed up to go to the library. Let's learn.

Gregory Holloman:

Book is definitely written, printed, or illustrated for everything. You can learn everything you want by a e-book. Book has a different type. As it is known to us that book is important issue to bring us around the world. Beside that you can your reading talent was fluently. A publication Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology) will make you to end up being smarter. You can feel more confidence if you can know about every thing. But some of you think in which open or reading a book make you bored. It is not necessarily make you fun. Why they could be thought like that? Have you looking for best book or ideal book with you?

Caleb Hutto:

What do you about book? It is not important along? Or just adding material when you require something to explain what you problem? How about your time? Or are you busy individual? If you don't have spare time to try and do others business, it is make one feel bored faster. And you have free time? What did you do? Every individual has many questions above. They must answer that question mainly because just their can do this. It said that about e-book. Book is familiar on every person. Yes, it is appropriate. Because start from on jardín de infancia until university need this kind of Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology) to read.

Jeff Weaver:

Reading can called imagination hangout, why? Because when you find yourself reading a book particularly book entitled Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology) the mind will drift away trough every dimension, wandering in each aspect that maybe not known for but surely can become your mind friends. Imaging just about every word written in a reserve then become one application form conclusion and explanation in which maybe you never get just

before. The Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology) giving you another experience more than blown away the mind but also giving you useful information for your better life in this particular era. So now let us teach you the relaxing pattern at this point is your body and mind will probably be pleased when you are finished examining it, like winning a game. Do you want to try this extraordinary spending spare time activity?

Download and Read Online Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology) Boris Scholl, Trent Swanson, Daniel Fernandez #KJUBQPXDCIN

Read Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology) by Boris Scholl, Trent Swanson, Daniel Fernandez for online ebook

Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology) by Boris Scholl, Trent Swanson, Daniel Fernandez 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 Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology) by Boris Scholl, Trent Swanson, Daniel Fernandez books to read online.

Online Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology) by Boris Scholl, Trent Swanson, Daniel Fernandez ebook PDF download

Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology) by Boris Scholl, Trent Swanson, Daniel Fernandez Doc

Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology) by Boris Scholl, Trent Swanson, Daniel Fernandez Mobipocket

Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology) by Boris Scholl, Trent Swanson, Daniel Fernandez EPub

Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology) by Boris Scholl, Trent Swanson, Daniel Fernandez Ebook online

Microservices with Docker on Microsoft Azure (includes Content Update Program) (Addison-Wesley Microsoft Technology) by Boris Scholl, Trent Swanson, Daniel Fernandez Ebook PDF