



Programming Microsoft Azure Service Fabric (Developer Reference)

By Haishi Bai



Download



Read Online



Get Print Book

Programming Microsoft Azure Service Fabric (Developer Reference) By Haishi Bai

Build exceptionally scalable cloud applications for fast-growing businesses

Microsoft Azure Service Fabric makes it easier than ever before to build large-scale distributed cloud applications. You can quickly develop and update microservice-based applications, efficiently operate highly reliable hyperscale services, and deploy the same application code on public, hosted, or private clouds. This book introduces all key Azure Service Fabric concepts and walks you through implementing several real-world applications. You'll find advanced design patterns, tuning tips, and lessons learned from early adopters—all from the perspective of developing and operating large projects in production.

Microsoft Azure evangelist Haishi Bai shows how to:

- Implement background services and use stateless services to handle user requests
- Solve state-management problems in distributed systems
- Package, stage, and deploy applications
- Upgrade applications in place, with zero downtime
- Leverage Quality of Service (QoS) options throughout app design, implementation, and operation
- Manage Service Fabric clusters with Windows PowerShell and the Management Portal
- Configure Service Fabric Diagnostics and analyze collected data
- Test functionality and performance
- Design Internet of Things (IoT) solutions that capture and manage petabytes of data
- Handle demanding real-time data-streaming compute scenarios
- Understand multitenancy and single-tenancy as logical architecture choices
- Build Service Fabric game engines to support large-scale, multiplayer online games
- Model complex systems with the Service Fabric Actors Pattern

About This Book

For all cloud developers who want to create and operate large-scale distributed cloud applications by using Microsoft Azure Service Fabric

For all IT professionals who want to integrate Windows Server and Microsoft Azure in any environment, including datacenters

 [**Download** Programming Microsoft Azure Service Fabric \(Develo ...pdf](#)

 [**Read Online** Programming Microsoft Azure Service Fabric \(Deve ...pdf](#)

Programming Microsoft Azure Service Fabric (Developer Reference)

By Haishi Bai

Programming Microsoft Azure Service Fabric (Developer Reference) By Haishi Bai

Build exceptionally scalable cloud applications for fast-growing businesses

Microsoft Azure Service Fabric makes it easier than ever before to build large-scale distributed cloud applications. You can quickly develop and update microservice-based applications, efficiently operate highly reliable hyperscale services, and deploy the same application code on public, hosted, or private clouds. This book introduces all key Azure Service Fabric concepts and walks you through implementing several real-world applications. You'll find advanced design patterns, tuning tips, and lessons learned from early adopters—all from the perspective of developing and operating large projects in production.

Microsoft Azure evangelist Haishi Bai shows how to:

- Implement background services and use stateless services to handle user requests
- Solve state-management problems in distributed systems
- Package, stage, and deploy applications
- Upgrade applications in place, with zero downtime
- Leverage Quality of Service (QoS) options throughout app design, implementation, and operation
- Manage Service Fabric clusters with Windows PowerShell and the Management Portal
- Configure Service Fabric Diagnostics and analyze collected data
- Test functionality and performance
- Design Internet of Things (IoT) solutions that capture and manage petabytes of data
- Handle demanding real-time data-streaming compute scenarios
- Understand multitenancy and single-tenancy as logical architecture choices
- Build Service Fabric game engines to support large-scale, multiplayer online games
- Model complex systems with the Service Fabric Actors Pattern

About This Book

For all cloud developers who want to create and operate large-scale distributed cloud applications by using Microsoft Azure Service Fabric

For all IT professionals who want to integrate Windows Server and Microsoft Azure in any environment, including datacenters

Programming Microsoft Azure Service Fabric (Developer Reference) By Haishi Bai Bibliography

- Sales Rank: #107532 in Books
- Brand: imusti
- Published on: 2016-06-20
- Original language: English
- Number of items: 1
- Dimensions: 8.90" h x 1.20" w x 7.30" l, .0 pounds
- Binding: Paperback
- 496 pages

 [**Download** Programming Microsoft Azure Service Fabric \(Develo ...pdf](#)

 [**Read Online** Programming Microsoft Azure Service Fabric \(Deve ...pdf](#)

Download and Read Free Online Programming Microsoft Azure Service Fabric (Developer Reference) **By Haishi Bai**

Editorial Review

About the Author

HAISHI BAI, senior technical evangelist at Microsoft, focuses on the Microsoft Azure compute platform, including IaaS, PaaS, networking, and scalable computing services.

Ever since he wrote his first program on an Apple II when he was 12, Haishi has been a passionate programmer and he later became a professional software engineer and architect. During his 19 years of professional life, he's faced various technical challenges and a broad range of project types that have given him rich experiences in designing innovative solutions to solve difficult problems.

Haishi is the author of a few cloud computing books. He's the co-host of Microsoft's Cloud Cover show (<https://channel9.msdn.com/shows/Cloud+Cover/>). He also runs a technical blog (<http://blog.haishibai.com>) with millions of viewers. His twitter handle is @HaishiBai2010.

Users Review

From reader reviews:

Sam Grimes:

Do you have favorite book? If you have, what is your favorite's book? Book is very important thing for us to understand everything in the world. Each e-book has different aim as well as goal; it means that book has different type. Some people really feel enjoy to spend their time to read a book. They may be reading whatever they have because their hobby is usually reading a book. How about the person who don't like looking at a book? Sometime, man or woman feel need book if they found difficult problem or maybe exercise. Well, probably you should have this Programming Microsoft Azure Service Fabric (Developer Reference).

Sam Hasse:

Book is to be different for every grade. Book for children until eventually adult are different content. We all know that that book is very important for people. The book Programming Microsoft Azure Service Fabric (Developer Reference) ended up being making you to know about other know-how and of course you can take more information. It doesn't matter what advantages for you. The reserve Programming Microsoft Azure Service Fabric (Developer Reference) is not only giving you a lot more new information but also to get your friend when you truly feel bored. You can spend your personal spend time to read your reserve. Try to make relationship together with the book Programming Microsoft Azure Service Fabric (Developer Reference). You never sense lose out for everything should you read some books.

Chester Hassel:

The publication with title Programming Microsoft Azure Service Fabric (Developer Reference) has a lot of information that you can learn it. You can get a lot of profit after read this book. This kind of book exist new

understanding the information that exist in this book represented the condition of the world right now. That is important to yo7u to know how the improvement of the world. This particular book will bring you inside new era of the internationalization. You can read the e-book on the smart phone, so you can read that anywhere you want.

Ann Reiter:

A lot of publication has printed but it differs from the others. You can get it by net on social media. You can choose the most beneficial book for you, science, comedy, novel, or whatever by simply searching from it. It is called of book Programming Microsoft Azure Service Fabric (Developer Reference). Contain your knowledge by it. Without leaving the printed book, it can add your knowledge and make you happier to read. It is most crucial that, you must aware about guide. It can bring you from one spot to other place.

Download and Read Online Programming Microsoft Azure Service Fabric (Developer Reference) By Haishi Bai #K19VNOQ7YBE

Read Programming Microsoft Azure Service Fabric (Developer Reference) By Haishi Bai for online ebook

Programming Microsoft Azure Service Fabric (Developer Reference) By Haishi Bai 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 Programming Microsoft Azure Service Fabric (Developer Reference) By Haishi Bai books to read online.

Online Programming Microsoft Azure Service Fabric (Developer Reference) By Haishi Bai ebook PDF download

Programming Microsoft Azure Service Fabric (Developer Reference) By Haishi Bai Doc

Programming Microsoft Azure Service Fabric (Developer Reference) By Haishi Bai Mobipocket

Programming Microsoft Azure Service Fabric (Developer Reference) By Haishi Bai EPub