

[PDF] Serverless Architectures On AWS: With Examples Using AWS Lambda

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Serverless Architectures on AWS

Free book

There's a shift underway toward serverless cloud architectures. With the release of serverless compute technologies such as AWS Lambda, developers are now building entirely serverless platforms at scale. In these new architectures, traditional back-end servers are replaced with cloud functions acting as discrete single-purpose services. By composing and combining these serverless cloud functions together in a loose orchestration and adopting useful third-party services, developers can create powerful yet easy-to-understand applications.

Serverless Architectures on AWS teaches you how to build, secure, and manage serverless architectures that can power the most demanding web and mobile apps. You'll get going quickly with this book's ready-made real-world examples, code snippets, diagrams, and discussions of architectures that can be readily applied. By the end, you'll be able to architect and build your own serverless applications on AWS.

What's Inside

- First steps with serverless computing
- Important patterns and architectures
- Writing AWS Lambda functions and using the API Gateway
- Composing serverless applications using key services like Auth0 and Firebase
- Securing, deploying, and managing serverless architectures

Peter Sbarski is a well-known AWS expert, VP of engineering at A Cloud Guru, and head of Serverless.com.

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“Written with clear passion, an eye for detail, and a treasure trove of knowledge to share.”

—From the Foreword by Patrick Debois, Founder of devopsdays

“A pivotal book that is crucial to the exploitation of cloud computing.”

—From the Foreword by Dr. Donald F. Ferguson, Columbia University

“I wish every technical book was as well written and easy to read.”

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“Don't go serverless without this book ... not only to read once, but to have as a reference for the future.”

—Diego Santiago, Amazon Web Services

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Books Details:

Title: Serverless Architectures on A

Author: Peter Sbarski

Released:

Language:

Pages: 376

ISBN: 1617293822

ISBN13: 9781617293825

ASIN: 1617293822

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pdf, mobi, epub, azw, kindle

Description:

Summary

Serverless Architectures on AWS teaches you how to build, secure and manage serverless architectures that can power the most demanding web and mobile apps. Forewords by Patrick Debois (Founder of devopsdays) and Dr. Donald F. Ferguson (Columbia University).

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About the Technology

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About the Reader

This book is for software developers interested in back end technologies. Experience with JavaScript (node.js) and AWS is useful but not required.

About the Author

Dr. Peter Sbarski is a well-known AWS expert, VP of engineering at A Cloud Guru, and head of Serverlessconf.

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- Title: Serverless Architectures on AWS: With examples using AWS Lambda
 - Author: Peter Sbarski
 - Released:
 - Language:
 - Pages: 376
 - ISBN: 1617293822
 - ISBN13: 9781617293825
 - ASIN: 1617293822
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