Master Serverless Architecture with AWS Lambda and the Serverless Application Model

Are you ready to revolutionize your application development process and embrace the future of cloud computing? Look no further than AWS Lambda and the Serverless Application Model (SAM).

Running Serverless: Introduction to AWS Lambda and the Serverless Application Model by Gojko Adzic

★★★★☆ 4.5 out of 5

Language	: English
File size	: 15061 KB
Text-to-Speech	: Enabled
Enhanced typesetting	: Enabled
Print length	: 298 pages
Screen Reader	: Supported

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This comprehensive guide is your ultimate tool to master serverless architecture with AWS Lambda. Dive into the concepts, best practices, and real-world examples that will empower you to build scalable, cost-effective, and highly available applications without the hassle of managing servers.

Chapter 1: to Serverless Computing

- Understanding the benefits of serverless architecture

- Exploring the key concepts of Function-as-a-Service (FaaS)

- Comparing serverless to traditional application models

Chapter 2: Getting Started with AWS Lambda

- Creating and deploying your first Lambda function

- Understanding Lambda architecture and runtime options

- Working with Lambda triggers and event handling

Chapter 3: Advanced Lambda Techniques

- Optimizing Lambda performance for speed and efficiency

- Managing Lambda concurrency and scaling

- Integrating Lambda with other AWS services

Chapter 4: to the Serverless Application Model (SAM)

- Getting started with SAM and its benefits

- Understanding SAM templates and their structure

- Creating and deploying serverless applications using SAM

Chapter 5: Building Real-World Serverless Applications

- Developing an image processing pipeline with Lambda

- Building a data analytics application using Lambda and DynamoDB

- Creating a serverless API gateway with API Gateway and Lambda

Chapter 6: Best Practices for Serverless Applications

- Designing for scalability and availability

- Implementing security measures for serverless applications

- Monitoring and debugging serverless applications

Chapter 7: The Future of Serverless Computing

- Exploring emerging trends in serverless technology

- Discussing the future of AWS Lambda and the Serverless Application Model

- Case studies of successful serverless implementations

With this guide, you'll gain the knowledge and skills to:

- Understand the principles of serverless architecture and its advantages

- Master AWS Lambda and its features to build scalable and cost-effective applications

- Leverage the Serverless Application Model (SAM) to streamline your serverless development process

- Design and implement real-world serverless applications for various use cases

- Master best practices for building and maintaining secure and resilient serverless applications

Don't let server management hold you back. Embrace the future of cloud computing with AWS Lambda and the Serverless Application Model. Free Download your copy of this comprehensive guide today and unlock the transformative power of serverless architecture.

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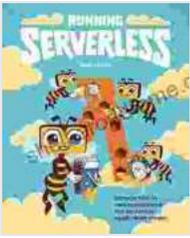
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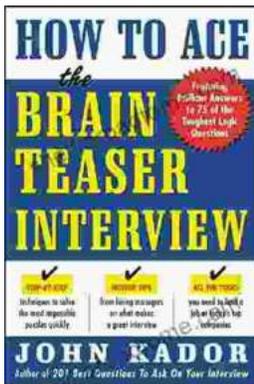
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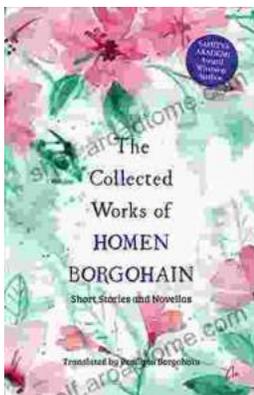
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