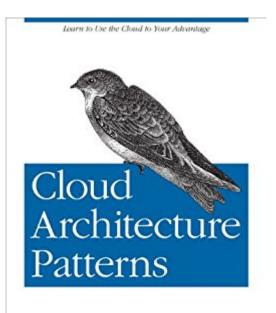
The book was found

Cloud Architecture Patterns: Using Microsoft Azure



O'REILLY"

Bill Wilder



Synopsis

If your team is investigating ways to design applications for the cloud, this concise book introduces 11 architecture patterns that can help you take advantage of cloud-platform services. Youâ [™]II learn how each of these platform-agnostic patterns work, when they might be useful in the cloud, and what impact theyâ [™]II have on your application architecture. Youâ [™]II also see an example of each pattern applied to an application built with Windows Azure. The patterns are organized into four major topics, such as scalability and handling failure, and primer chapters provide background on each topic. With the information in this book, youâ [™]II be able to make informed decisions for designing effective cloud-native applications that maximize the value of cloud services, while also paying attention to user experience and operational efficiency. Learn about architectural patterns for:Scalability. Discover the advantages of horizontal scaling. Patterns covered include Horizontally Scaling Compute, Queue-Centric Workflow, and Auto-Scaling.Big data. Learn how to handle large amounts of data across a distributed system. Eventual consistency is explained, along with the MapReduce and Database Sharding patterns. Handling failure. Understand how multitenant cloud services and commodity hardware influence your applications. Patterns covered include Busy Signal and Node Failure Distributed users. Learn how to overcome delays due to network latency when building applications for a geographically distributed user base. Patterns covered include Colocation, Valet Key, CDN, and Multi-Site Deployment.

Book Information

File Size: 618 KB Print Length: 182 pages Simultaneous Device Usage: Unlimited Publisher: O'Reilly Media; 1 edition (September 20, 2012) Publication Date: September 24, 2012 Sold by:Â Digital Services LLC Language: English ASIN: B009G8PYY4 Text-to-Speech: Enabled X-Ray: Not Enabled Word Wise: Not Enabled Lending: Not Enabled Enhanced Typesetting: Not Enabled Best Sellers Rank: #236,038 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #84 in Books > Computers & Technology > Networking & Cloud Computing > Networks, Protocols & APIs > LAN #103 in Books > Computers & Technology > Networking & Cloud Computing > Cloud Computing #979 in Kindle Store > Kindle eBooks > Computers & Technology > Programming

Customer Reviews

lâ ™ve read this book three times already. I did love it the first time and I enjoyed reading it once again now, almost two years later. Now, equipped with the experience coming from developing and deploying highly available/scalable applications in the cloud anyway, I see it under a different light. Moreover, having read other titles on the subject during these 20 months, allowed me to better value this one.Letâ [™]s start with the title: the title says these 200 pages are about cloud infrastructure patterns. This isnâ [™]t exactly true and could lead someone into believing that he gets something that he will not. If you do expect a problem:solution(s) book to common cloud issues, indeed, you will get disappointed. This title does not get you through cloud design challenges that you might face. It does, instead, give you guidelines, best practices that have proven successful in the development of cloud native applications. What the author does is to present the very basic concepts that better describe a cloud native application, such as scaling in and out, eventual consistency and asynchronous communication, just to mention a couple. Two years later, and after aetting through it three times. I would in fact rename this title into Introduction to cloud native application design. The topics are accurately described, often supported with real life examples. Through the book, the author illustrates how the different concepts apply to an hypothetic (does it exist?) cloud web application called Page of Photos, hosted on Microsoft Azure.I donâ ™t remember seeing any schematic representation of the concepts explained, which is a big negative point. Some image appears here and there, but they do not really add any value to the reader.

Download to continue reading...

Cloud Architecture Patterns: Using Microsoft Azure The Graphic Designer's Digital Toolkit: A Project-Based Introduction to Adobe Photoshop Creative Cloud, Illustrator Creative Cloud & InDesign Creative Cloud (Stay Current with Adobe Creative Cloud) Microsoft Azure: Planning, Deploying, and Managing Your Data Center in the Cloud Crochet: Easy Crochet Patterns: Crochet Patterns for Beginners (Crochet: Step by Step Crochet, Crochet Patterns, Easy Crochet Patterns, Crochet Patterns for Beginners, and Crochet Projects) Microsoft Surface Pro 4 & Microsoft Surface Book: The Beginner's Guide to Microsoft Edge, Cortana & Mail App on Microsoft Surface Pro 4 & Microsoft Surface Book Microsoft Azure Security Infrastructure Pro PowerShell for Microsoft Azure Exam Ref 70-532 Developing Microsoft Azure Solutions Programming for the Internet of Things: Using Windows 10 IoT Core and Azure IoT Suite (Developer Reference) Take Back Your Life!: Using Microsoft Outlook to Get Organized and Stay Organized: Using Microsoft(r) Outlook(r) to Get Organized and Stay Organized (Bpg-Other) Oracle Cloud Pocket Solutions Guide: Real Life Solutions for Oracle Cloud Oracle Database Cloud Cookbook with Oracle Enterprise Manager 13c Cloud Control Adobe Dreamweaver Creative Cloud Revealed (Stay Current with Adobe Creative Cloud) Adobe InDesign Creative Cloud Revealed (Stay Current with Adobe Creative Cloud) Exploring Adobe InDesign Creative Cloud (Stay Current with Adobe Creative Cloud) Understanding Cloud, IoT and Big data (Cloud, IoT & Big Data: Basic To AWS SA Professional Book 1) Cloud Computing for Complete Beginners: Building and Scaling High-Performance Web Servers on the Cloud An overview of Cloud Computing and Cloud Ready Application Development Securing the Cloud: Cloud Computer Security Techniques and Tactics In the Land of the Long White Cloud (In the Land of the Long White Cloud saga Book 1)

<u>Dmca</u>