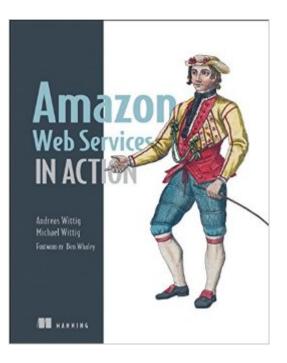
The book was found

Web Services In Action





Synopsis

Summary Web Services in Action introduces you to computing, storing, and networking in the AWS cloud. The book will teach you about the most important services on AWS. You will also learn about best practices regarding automation, security, high availability, and scalability. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Physical data centers require lots of equipment and take time and resources to manage. If you need a data center, but don't want to build your own, Web Services may be your solution. Whether you're analyzing real-time data, building software as a service, or running an e-commerce site, AWS offers you a reliable cloud-based platform with services that scale. All services are controllable via an API which allows you to automate your infrastructure. About the Book Web Services in Action introduces you to computing, storing, and networking in the AWS cloud. The book will teach you about the most important services on AWS. You will also learn about best practices regarding security, high availability and scalability. You'll start with a broad overview of cloud computing and AWS and learn how to spin-up servers manually and from the command line. You'll learn how to automate your infrastructure by programmatically calling the AWS API to control every part of AWS. You will be introduced to the concept of Infrastructure as Code with the help of AWS CloudFormation. You will learn about different approaches to deploy applications on AWS. You'll also learn how to secure your infrastructure by isolating networks, controlling traffic and managing access to AWS resources. Next, you'll learn options and techniques for storing your data. You will experience how to integrate AWS services into your own applications by the use of SDKs. Finally, this book teaches you how to design for high availability, fault tolerance, and scalability. What's InsideOverview of cloud concepts and patternsManage servers on EC2 for cost-effectivenessInfrastructure automation with Infrastructure as Code (AWS CloudFormation)Deploy applications on AWSStore data on AWS: SQL, NoSQL, object storage and block storageIntegrate 's pre-built servicesArchitect highly available and fault tolerant systemsAbout the ReaderWritten for developers and DevOps engineers moving distributed applications to the AWS platform. About the AuthorsAndreas Wittig and Michael Wittig are software engineers and consultants focused on AWS and web development. Table of ContentsPART 1 GETTING STARTEDWhat is Web Services? A simple example: WordPress in five minutesPART 2 BUILDING VIRTUAL INFRASTRUCTURE WITH SERVERS AND NETWORKINGUsing virtual servers: EC2Programming your infrastructure: the command line, SDKs, and CloudFormationAutomating deployment: CloudFormation, Elastic Beanstalk, and OpsWorksSecuring your system: IAM, security groups, and VPCPART 3 STORING DATA IN THE CLOUDStoring your objects: S3 and

GlacierStoring your data on hard drives: EBS and instance storeUsing a relational database service: RDSProgramming for the NoSQL database service: DynamoDBPART 4 ARCHITECTING ON AWSAchieving high availability: availability zones, auto-scaling, and CloudWatchDecoupling your infrastructure: ELB and SQSDesigning for fault-toleranceScaling up and down: auto-scaling and CloudWatch

Book Information

Paperback: 424 pages Publisher: Manning Publications; 1 edition (October 17, 2015) Language: English ISBN-10: 1617292885 ISBN-13: 978-1617292880 Product Dimensions: 7.3 x 0.9 x 9.2 inches Shipping Weight: 12.6 ounces (View shipping rates and policies) Average Customer Review: 4.9 out of 5 stars Â See all reviews (29 customer reviews) Best Sellers Rank: #10,347 in Books (See Top 100 in Books) #1 in Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Tools #1 in Books > Computers & Technology > Networking & Cloud Computing > Intranets & Extranets #1 in Books > Computers & Technology > Internet & Social Media > Web Browsers

Customer Reviews

The TL;DR summary: Why do you want to read this book? Because when it comes to providing support for complex cloud applications, Web Services (AWS) has no competition. Web Services in Action will help you learn what you need to know to build and deploy your application on AWS.Do I know what I am writing about? Well, yes, as a matter of fact. For the last two years I have been writing the software for nderground (a dot net domain). nderground is a private social network that is hosted on AWS and uses a number of AWS services that are discussed in Web Services in Action.The power that AWS provides comes at a cost: an extremely steep learning curve. When you first sign up for AWS you are presented with a huge variety of services that you can use to build you application. does provide some documentation on application architecture, but it tends to be an overview. does provide a fair amount of engineering documentation, but it never seems to be sufficient.The documentation provided by follows a pattern. The main page for a service appears to have been written by marketing and describes the service as "the greatest thing since sliced bread". Then there is the engineering documentation, which is complicated and, in some cases,

incomplete. In the case of 's Simple Notification Service I had to write code to implement an SNS service before I was able to understand what it could and could not do, since the documentation was not sufficient. Web Services in Action provides a good complement to 's documentation. Writing about AWS is a huge challenge since AWS is a vast and complex topic. The start of the book provides an introduction to Web Services, security and access control.

Download to continue reading...

How to Draw Action Figures: Book 2: More than 70 Sketches of Action Figures and Action Poses (Drawing Action Figures, Draw Action Figures Book, How Draw Action Poses, Draw Comic Figures) Web Services in Action Building Web Applications with ADO.NET and XML Web Services (Gearhead Press) PHP Web Services: APIs for the Modern Web Microsoft Win32 Developer's Reference Library - (Microsoft Developers Library Win 32 BASE SERVICES (Microsoft Win 32 -Base Services) Human Services in Contemporary America (Introduction to Human Services) What Customers Want: Using Outcome-Driven Innovation to Create Breakthrough Products and Services: Using Outcome-Driven Innovation to Create Breakthrough Products and Services Auditing & Assurance Services, 5th Edition (Auditing and Assurance Services) Auditing & Assurance Services with ACL Software Student CD-ROM with Connect (Auditing and Assurance Services) Document Engineering: Analyzing and Designing Documents for Business Informatics and Web Services (MIT Press) SOAP: Cross Platform Web Services Development Using XML Web Services Development with Delphi (Information Technologies Master Series) Programming Web Services with Perl Programming .Net Web Services Web Services Essentials (O'Reilly XML) Exam Ref 70-487 Developing Windows Azure and Web Services (MCSD) Securing Web Services with WS-Security: Demystifying WS-Security, WS-Policy, SAML, XML Signature, and XML Encryption Adaptive Web Services for Modular and Reusable Software Development: Tactics and Solutions Web Services Echo: The Ultimate User Guide to Master Echo In No Time (Echo 2016, user manual, web services, by , Free books, Free Movie, Alexa ... Prime, smart devices, internet) (Volume 4)

<u>Dmca</u>