

Learn Amazon Web Services In A Month Of Lunches

Discover the infinite world of Amazon Web Services (AWS) and become a master of cloud computing! Amazon Web Services is the world's most comprehensive and broadly adopted cloud platform. That is why millions of people, developing startups, corporations, and even government agencies use 175 features on an everyday basis. If AWS sounds like a must-have tool, you are right, but how about learning how to use this universal platform? Don't worry, we have figured it out for you with "AWS: The Ultimate Step-by-Step Guide from Beginners to Advanced for Amazon Web Services". This comprehensive volume can teach you everything from the basis of AWS to more advanced functions, so you can ace this cloud platform and get the security and innovation you deserve. Written by top experts in cloud computing and AWS, this easy-to-follow guide is great for getting a grasp at what Amazon Web Services can do for you, as well as how to master this new and improved cloud platform. What can you learn with this AWS handbook? You will start your journey by understanding what AWS and what it can really do for you and your business. Afterward, you will get a short and comprehensive background of how this cloud platform was born and its history. Learning the first steps of AWS is going to be simple once you have a view of what cloud computing is and what are the main benefits of AWS. Now that you have acquired the basic knowledge, you can move on to the more advanced steps: learning about service development for website owners, AWS storage devices, big data and notification services, security, database, and cost management. With this book, you can:

- Improve your knowledge about cloud systems and data analysis
- Get a handle on the basic concepts of AWS
- Make it easier to work with the 175 features of the AWS platform
- Learn about the myths surrounding AWS that you should stop and get the real facts instead
- Understand why knowing about cloud computing is a real asset for you and your company
- Learn how AWS was born and developed by the experts behind it
- Discover some of the weaknesses of the system and how to make them work in your advantage
- Understand why the feature of cloud computing for the big players lies in Amazon Elastic Compute Clouding
- Learn the role of AWS in advanced systems and innovative ideas such as big data, machine learning, and AI
- Become a better professional that can help you advance in your career or grow your business
- Enjoy a secured database system that will never fail you or your company
- Learn how to use platform available in almost any region of the world, with no compromises on location
- Experience innovative ideas and become a highly skilled professional! And much more!

Still having doubts? Don't worry, this book is easy to follow and will thoroughly explain every concept in a simple way that is easy to understand by everyone. Don't hesitate and start your AWS learning journey NOW! ? Click [Buy Now With 1-Click](#) or [Buy Now](#) to get started

Develop, deploy, and integrate web applications with AWS

About This Video

Get to grips with implementing your organization's security policies within AWS. Learn to develop high-performance web applications in the real world using AWS. An all-inclusive guide that will get you up-to-speed with building and managing applications on the AWS platform

In Detail

Whether you're looking for compute power, database storage, content delivery, or other functionality, AWS has the services to help you build advanced applications with increased flexibility, scalability, and reliability. The "Getting Started with Amazon Web Services" video course is designed to provide you with AWS basics and fundamentals. The course covers many aspects of AWS. You will master the essential concepts of the AWS platform and the AWS Management Console. Furthermore, you will be introduced to the security measures provided by AWS using AWS Identity and Access Management (IAM). This course will allow you to cover the foundational services of AWS, including the Computing, Networking, and Storage services of AWS. Finally, you will be able to scale and manage your infrastructure using different management tools. When you've finished this course, you will have experience working with AWS services that will help you as you work on your own applications.

Have you heard about Amazon Web Services - AWS? If you have, that's nice, but if you haven't, I'll tell you. Amazon Web Services is known to be a subsidiary under Amazon which has so far provided individuals, companies or even governments with platforms for on-demand cloud computing on a metered pay as you go basis. In total, these services about cloud computing provide some sort of primitive technical infrastructure that are technical and also distributed computing building blocks as well as tools. Now, if you have really chosen to learn about Amazon Web Services, you're definitely going to be needing this particular book. I have taken time to explicitly open the grey areas of AWS in this book, ranging from cloud computing, understanding the business philosophy behind Amazon, the Amazon Web Services Management Console, Services of the platform, application integration, among others. These are the benefits you stand to gain by reading through this book. This book has everything you need to know about Amazon Web Services for you to advance from beginners to advanced level for AWS. Basically, you need not look anywhere else as this book has systematically done justice to Amazon Web Services. Enjoy

Profit with Amazon Web Services—as a Buyer, Seller, or Independent Developer In a few short years, Amazon has evolved from an online bookstore into a complex marketplace comprised of thousands of vendors, millions of customers, and an ever-widening selection of products. With the launch of Amazon Web Services, buyers and sellers have unprecedented access to the immense body of data underpinning this marketplace. Mining Amazon Web Services: Building Applications with the Amazon API shows you what you can do with these powerful tools, and exactly how to do it. As a buyer, you'll build applications that let you comparison-shop far more effectively, consistently saving money and finding exactly the right product. As a seller, you'll leverage Amazon Web Services in ways that help you attract more customers, make more commissioned referrals, and improve your bottom line. This book is also a great resource for independent developers who want to create and publish—even make money with—applications for others. Here's some of what you'll find covered inside: Performing complex product searches Analyzing the data obtained in your searches Connecting Amazon Web Services to a local database Building a Web Services-based shopping cart Using Amazon-supported search technologies, including XML over HTTP and SOAP Improving speed and reliability Building applications for mobile devices Building and publishing applications for others All that's required is some basic experience with any one of several programming languages, including VBA, Visual Basic 6, Visual C++ 6, Visual Basic .NET, Visual C# .NET, Java, and PHP, all of which are fully represented in the book's downloadable code.

Understand the steps necessary to host your website using the Amazon Web Services (AWS) platform. You will be able to set up your website for the first time or migrate your existing website. Explore scenarios, considerations, and steps for three types of websites, including hosting a static website, a content management system (CMS) based website, and a full-featured enterprise level website. Topic areas such as content storage in S3, compute resources in EC2, Route53 DNS Management, email services setup using Simple Email Service as well as strategies for high availability, fault tolerance, and website maintenance are covered. Website Hosting and Migration with Amazon Web Services is organized in a way that allows you to start with simple concepts using AWS core services that allow you to build knowledge and confidence using AWS services while exploring the latest technology on this ever-updating platform. Using AWS to host your website offers you more control over your infrastructure, content delivery, and ability to scale to fit your website needs. It's time to take control and take your website to the next level. This engaging resource: Explains how to use the Amazon Web Services Free Tier to evaluate the platform for hosting your website Walks you through the setup and migration steps for three unique and popular web hosting scenarios Delivers hands-on experience with base concepts that can be built upon to grow and improve your website infrastructure Provides sample resources to test and understand the setup

process fully What You'll Learn Evaluate Amazon Web Services (AWS) offered on the platform that may benefit your website Set up and maintain three unique types of websites using AWS core services, enabling you to gain a deeper understanding of what is capable for your website or future projects Select AWS services that can improve performance and control of your website Use AWS RDS to deliver a redundant database solution for your website Manage DNS, domain registration, and transfers in AWS Use CloudFront to deliver content efficiently on a global scale Who This Book Is For Small business owners, webmasters, freelance web designers, and others looking to have more control over their web content, save money by using a platform that charges for just the services you use, or grow the stability of their website by making it highly available, fault tolerant, and easily deployed; those looking to learn more about AWS Web Hosting options in general.

Learning Amazon Web Services (AWS) is a clear, complete, practical, and hands-on introduction to the world's leading cloud platform -- a perfect resource for everyone who needs to understand AWS, whatever their previous IT background. Top cloud trainer and evangelist Mark Wilkins covers all you need to know to succeed with AWS, introducing each key concept in the context of a book-length case study. He teaches best practices that fully align with Amazon's Well Architected Framework, the basis of all AWS certifications -- making this guide a valuable learning tool for those seeking to demonstrate their expertise by pursuing formal certification. Wilkins introduces new concepts based on how they are presented in the AWS self-service portal, making his coverage even easier to learn from and practice with. Coverage includes: The big picture: What AWS is, how it has evolved, and how it can help you Foundation Core Services: compute, network, storage, and databases Implementing AWS Compute Services and EC2 instances (and understanding their pricing) Enforcing AWS security, compliance, and control Leveraging AWS Networking Services, including VPC, CIDR, DHCP, NAT, Internet gateways, endpoints, and VPNs Utilizing AWS cloud storage and databases Efficiently administering and managing AWS

Set yourself apart by becoming an AWS Certified Cloud Practitioner Take the next step in your career by expanding and validating your skills on the Amazon Web Services (AWS) Cloud. The AWS Certified Cloud Practitioner Study Guide: Exam CLF-C01 provides a solid introduction to this industry-leading technology, relied upon by thousands of businesses across the globe, as well as the resources you need to prove your knowledge in the AWS Certification Exam. This guide offers complete and thorough treatment of all topics included in the exam, beginning with a discussion of what the AWS cloud is and its basic global infrastructure and architectural principles. Other chapters dive into the technical, exploring core characteristics of deploying and operating in the AWS Cloud Platform, as well as basic security and compliance aspects and the shared security model. In addition, the text identifies sources of documentation or technical assistance, such as white papers or support tickets. To complete their coverage, the authors discuss the AWS Cloud value proposition and define billing, account management, and pricing models. This includes describing the key services AWS can provide and their common use cases (e.g., compute, analytics, etc.). Distinguish yourself as an expert by obtaining a highly desirable certification in a widely used platform Hone your skills and gain new insights on AWS whether you work in a technical, managerial, sales, purchasing, or financial field Fully prepare for this new exam using expert content and real-world knowledge, key exam essentials, chapter review questions, and other textual resources Benefit from access to the Sybex online interactive learning environment and test bank, including chapter tests, practice exams, key term glossary, and electronic flashcards The AWS Certified Cloud Practitioner Study Guide is essential reading for any professional in IT or other fields that work directly with AWS, soon-to-be graduates studying in those areas, or anyone hoping to prove themselves as an AWS Certified Cloud Practitioner.

If you have wanted to learn about the Amazon Cloud Computing platform, more popularly

known as Amazon Web Services (AWS), then, this book is for you. If you are new to AWS, the large number of AWS services can be overwhelming and confusing. I wrote this book to introduce you to AWS using a hands-on approach. Rather than just read about the services and features of AWS or cram for an AWS certification exam by memorizing facts that you will soon forget, I believe that the best way to learn and retain information about a new technology is to roll up your sleeves and get your "hands dirty" by actually doing a series of meaningful hands-on exercises. This book uses a hands-on approach to learning about AWS. The chapters introduce you to concepts that you need to know about a service followed by a series of guided hands-on exercises that explain these concepts. Where relevant, screen captures are provided so that having done the hands-on exercises at least once, you can mentally walk through the steps and use the screen captures or command output to reinforce your learning. This book provides in-depth coverage of a wide range of topics that can be helpful to the end user, business owner, business executive, IT support staff, DevOps or software developer. You can use the knowledge that you gain from this book to get a deep understanding of how AWS can reduce the networking and computing costs for supporting your business from a small web site to a highly reliable, secure, flexible, scalable, high performance computing infrastructure with minimal support. This is the first of a three volume series. In this, volume 1, you will gain a deep understanding of AWS by learning about Amazon Computing Resources such as S3 Glacier, RDS, DynamoDB, DocumentDB, Neptune, RedShift, ElastiCache, EBS, EFS, FSx

AWS Amazon Web Services. Beginners Guide. The Ultimate Tutorial Many of us might've heard of Amazon web services. When we think of it, we probably don't even realize the significance of a web development service such as this. Many don't even realize how this can help others, because we all think, hey it's owned by Amazon. Why would we care? Well, AWS is the future of data management and security, and there is so much that you can do with this. It's saved people so much money already, that's it's changing the future of development not just for businesses, but for those who are big as well, giving them more to work with than ever before. We don't even realize how much this can help us, but many are achieving the benefits of AWS certified already through the use of these web services. Many have learned to invest in data security and software that will help protect their data, and what's more amazing about this, is that it's so similar to competitive software, but at a fraction of the price. In this book, you'll learn the following about AWS: What it is How it's benefited so many people already Why you should care about amazon web services and what to do with it Different web development applications Different web development applications Coding software and applications that can help you Different ways it can help with big data Different AWS service software How each of these different pieces of development software are about to help you When it comes to the future of web services, AWS is one of the best ways to go about dealing with this. You'll be amazed by the difference that this indeed does make, and some of the different ways that you can, as a person who uses web development, or even mobile development or IT, get the benefits from this. AWS is changing the way we handle data big and small, and if you're looking for a way to get the full benefits out of data security and management, with software that you can trust, then this is ultimately the way to go, and the way that you should be doing this. Download

your copy of " AWS " by scrolling up and clicking "Buy Now With 1-Click" button. 55% OFF for the Bookstores! IF YOU ARE INTERESTED IN LEARNING AND MASTERING AMAZON WEB SERVICE TOOLS, THEN THIS BOOK IS FOR YOU Your customers will never stop to read this interesting and book! AWS represents Amazon Web Services. It's a worldwide market pioneer in Infrastructure as a Service (IaaS) and Platform as a Service (PaaS) industry, offering a broad scope of remote cloud services. AWS offers a broad scope of remote cloud services for application improvement like examination, block chain, Artificial Intelligence, and so forth and can help individuals and associations in the advancement and sustainable development of any application. AWS has altogether more administrations, and more highlights inside those administrations, than some other cloud supplier from framework advances like figure, stockpiling, and databases-to developing advances, for example, AI and computerized reasoning, information lakes and investigation, and Internet of Things. AWS additionally includes the most profound usefulness inside those administrations. For instance, AWS offers the vastest assortment of databases that are reason worked for various sorts of utilizations so you can pick the correct instrument for the activity to get the best cost and execution. This book covers the following topics: - Advantage of Amazon Web Services - Cloud Computing - Amazon Web Services - Getting Started With Amazon Web Services - Machine Learning - Migration and Transfer - Networking - Developer Tools - Management Tools - Storing Information In The Cloud - AWS Services - Additional Core Services of Amazon Web Services - Amazon Web Services Tips and Tricks AWS has the biggest and most powerful network, with a huge number of dynamic clients and a huge number of accomplices internationally. Clients crosswise over essentially every industry and of each size, including new companies, ventures, and open part associations, are running each comprehensible use case on AWS. AWS is unanimously the most complete and widely accepted platform for the cloud. It offers around fully included services run from various data centers located in different parts of the globe. Tens of millions of consumers, which includes the startups, biggest firms as well as various governments across the globe- all have been shown faith in Amazon. Web Services to empower their infrastructure, make them more agile as well lower the cost of living. Amazon Web Services offers its clients scalable, affordable, and secure hosted cloud-based platforms. These services offer individuals or companies data storage, databases, web-based applications, and content delivery. A cloud-based networking platform offers companies a whole host of affordable solutions that could significantly cut operating costs while not limiting systems growth. AWS offers different packages designed to suit the needs of both their business and personal clients. AWS is architected to be the most adaptable and secure distributed computing condition accessible today. Our center framework is worked to fulfill the security necessities for the military, worldwide banks, and other high-affectability associations. BUY IT NOW AND LET YOUR

CUSTOMERS GET ADDICTED TO THIS HELPFUL BOOK

Perform cloud-based machine learning and deep learning using Amazon Web Services such as SageMaker, Lex, Comprehend, Translate, and Polly Key Features Explore popular machine learning and deep learning services with their underlying algorithms Discover readily available artificial intelligence(AI) APIs on AWS like Vision and Language Services Design robust architectures to enable experimentation, extensibility, and maintainability of AI apps Book Description From data wrangling through to translating text, you can accomplish this and more with the artificial intelligence and machine learning services available on AWS. With this book, you'll work through hands-on exercises and learn to use these services to solve real-world problems. You'll even design, develop, monitor, and maintain machine and deep learning models on AWS. The book starts with an introduction to AI and its applications in different industries, along with an overview of AWS artificial intelligence and machine learning services. You'll then get to grips with detecting and translating text with Amazon Rekognition and Amazon Translate. The book will assist you in performing speech-to-text with Amazon Transcribe and Amazon Polly. Later, you'll discover the use of Amazon Comprehend for extracting information from text, and Amazon Lex for building voice chatbots. You will also understand the key capabilities of Amazon SageMaker such as wrangling big data, discovering topics in text collections, and classifying images. Finally, you'll cover sales forecasting with deep learning and autoregression, before exploring the importance of a feedback loop in machine learning. By the end of this book, you will have the skills you need to implement AI in AWS through hands-on exercises that cover all aspects of the ML model life cycle. What you will learn Gain useful insights into different machine and deep learning models Build and deploy robust deep learning systems to production Train machine and deep learning models with diverse infrastructure specifications Scale AI apps without dealing with the complexity of managing the underlying infrastructure Monitor and Manage AI experiments efficiently Create AI apps using AWS pre-trained AI services Who this book is for This book is for data scientists, machine learning developers, deep learning researchers, and artificial intelligence enthusiasts who want to harness the power of AWS to implement powerful artificial intelligence solutions. A basic understanding of machine learning concepts is expected.

1,000 practice questions with answers and explanations! With five unique practice tests, covering the five AWS Certified Solutions Architect Associate Exam objective domains, PLUS one additional practice exam, AWS Certified Solutions Architect Practice Tests provides a total of 1,000 practice test questions to make sure you are prepared for exam day. Coverage of all exam objective domains includes: Design Resilient Architectures, Define Performant Architectures, Specify Secure Applications and Architectures, Design Cost-Optimized Architectures, Define Operationally Excellent Architectures. This book will help you: • Gain confidence as you prepare for the SAA-C01 exam • Ensure

you are set up for success with 1,000 practice questions • When you are ready, test your knowledge with the Sybex online interactive learning environment • Get that highly desired AWS certification Prepare smarter, not harder, with Sybex's superior study tools.

Virtual, hands-on learning labs allow you to apply your technical skills in realistic environments. So Sybex has bundled AWS labs from XtremeLabs with our popular AWS Certified Cloud Practitioner Study Guide to give you the same experience working in these labs as you prepare for the Certified Cloud Practitioner Exam that you would face in a real-life application. These labs in addition to the book are a proven way to prepare for the certification and for work as an AWS Cloud Practitioner. The AWS Certified Cloud Practitioner Study Guide: Exam CLF-C01 provides a solid introduction to this industry-leading technology, relied upon by thousands of businesses across the globe, as well as the resources you need to prove your knowledge in the AWS Certification Exam. This guide offers complete and thorough treatment of all topics included in the exam, beginning with a discussion of what the AWS cloud is and its basic global infrastructure and architectural principles. Other chapters dive into the technical, exploring core characteristics of deploying and operating in the AWS Cloud Platform, as well as basic security and compliance aspects and the shared security model. In addition, the text identifies sources of documentation or technical assistance, such as white papers or support tickets. To complete their coverage, the authors discuss the AWS Cloud value proposition and define billing, account management, and pricing models. This includes describing the key services AWS can provide and their common use cases (e.g., compute, analytics, etc.). Distinguish yourself as an expert by obtaining a highly desirable certification in a widely used platform Hone your skills and gain new insights on AWS whether you work in a technical, managerial, sales, purchasing, or financial field Fully prepare for this new exam using expert content and real-world knowledge, key exam essentials, chapter review questions, and other textual resources Benefit from access to the Sybex online interactive learning environment and test bank, including chapter tests, practice exams, key term glossary, and electronic flashcards XtremeLabs virtual labs that run from your browser. The registration code is included with the book and gives you 6 months unlimited access to XtremeLabs AWS Certified Cloud Practitioner Labs with 8 unique lab modules based on the book. The AWS Certified Cloud Practitioner Study Guide is essential reading for any professional in IT or other fields that work directly with AWS, soon-to-be graduates studying in those areas, or anyone hoping to prove themselves as an AWS Certified Cloud Practitioner.

"Covers both iOS and Android devices"--Cover.

Put the power of AWS Cloud machine learning services to work in your business and commercial applications! Machine Learning in the AWS Cloud introduces readers to the machine learning (ML) capabilities of the Amazon Web Services ecosystem and provides practical examples to solve real-world regression and

classification problems. While readers do not need prior ML experience, they are expected to have some knowledge of Python and a basic knowledge of Amazon Web Services. Part One introduces readers to fundamental machine learning concepts. You will learn about the types of ML systems, how they are used, and challenges you may face with ML solutions. Part Two focuses on machine learning services provided by Amazon Web Services. You'll be introduced to the basics of cloud computing and AWS offerings in the cloud-based machine learning space. Then you'll learn to use Amazon Machine Learning to solve a simpler class of machine learning problems, and Amazon SageMaker to solve more complex problems.

- Learn techniques that allow you to preprocess data, basic feature engineering, visualizing data, and model building
- Discover common neural network frameworks with Amazon SageMaker
- Solve computer vision problems with Amazon Rekognition
- Benefit from illustrations, source code examples, and sidebars in each chapter

The book appeals to both Python developers and technical/solution architects. Developers will find concrete examples that show them how to perform common ML tasks with Python on AWS. Technical/solution architects will find useful information on the machine learning capabilities of the AWS ecosystem.

Are you looking for a low-cost, scalable, and highly reliable infrastructure platform in the cloud to boost your business? If yes then you are in the right place! If you've lately come across Amazon Web Services as a cloud computing solution, perhaps the reason you're reading this is to know what it is, what it does, how it operates, how it can be of use to you, how to begin using it, the consequences of adoption, and more. Lucky for you, this book is all about this and much more. Commonly known as cloud computing nowadays, web services in the form of IT infrastructure services began to be offered by Amazon in 2004 for public use. AWS cloud computing provides a low-cost, scalable, and highly reliable infrastructure platform in the cloud. This has been adopted by thousands of businesses globally. At present, its regions include locations like Asia Pacific, European Union, North America, South America, Canada, China, etc. **WHY SHOULD YOUR BUSINESS NEED AWS TOO?** There are 4 reasons at least:

- Security: To ensure the safety and integrity of your data, Amazon's data centers and services have several layers of physical and operational security.
- Cost Effectiveness: You have to pay only for as much as you use. No upfront investment is required.
- Flexibility: You can select the programming model or development platform that can be the most beneficial for your business.
- Scalability: You can quickly scale up or scale down on the basis of demand.

This book covers the basics of an end-user (maybe a business owner or business executive) who cares less about the technical aspects of its implementation to help you make an informed decision that understands what makes it different from all other cloud service providers out there. It goes deep and wide, answering almost every question you may have about AWS from different angles to give you an in-depth understanding of why AWS is perhaps considered to be the most

flexible, highly scalable, cost-effective and reliable infrastructure you can use to deploy secure web solutions with minimal support whatever your requirements! What You Will Learn: Why cloud computing is the way to get any business, whatever its size, to a worldwide scale Detailed understanding of AWS features that make it stand out from the rest Myths about AWS that you should stop accepting as true Fundamental building blocks in the AWS environment that make it a flawless solution to implement How to rely on AWS can transform your company for the better The weaknesses of AWS that you need to be conscious of before you adopt it Open Source AWS support services that you can use to enhance user experience Put Your Feet Into The Realm Of Amazon Web Services (AWS) To Know A Limitless Sea Of Possibilities! Scroll up, click on "Buy Now" and Start Scaling Your Business!

This book is a guide to AWS (Amazon Web Services). It begins by guiding you on how to perform error retries. Sometimes, requests made to AWS may fail, and this calls for you to retry sending the requests. However, you should make the maximum number of retries and some other parameters. These are discussed in this book. The best security credentials for use in AWS are examined, so you will know the best practices for ensuring that these are secure. The AWS requests also need to be signed, which is a good way for ensuring that the requests are not tampered with while in transit. This book guides you on how to sign both AWS requests and the AWS API requests. You will also learn how to verify whether the request was interfered with or not on the receiving end. The ARN (Amazon Resource Name) and namespaces, which are used for the purpose of uniquely identifying resources are explored in this book. The process of using Unbound guidelines for the purpose of auditing the security of your AWS services is also discussed. The book also provides you with a guide on how to set up DNS Resolution between AWS and On-Premises Networks. The following topics are discussed in this book: - Error Retries in AWS - AWS Security Credentials - Setting Up DNS Resolution Between AWS and On-Premises Networks Using Unbound - Guidelines for Security Audit - AWS Service Namespace and Amazon Resource Names (ARN) - How to Sign AWS API Requests

AWS (Amazon Web Services) is a comprehensive, evolving cloud computing platform provided by Amazon that includes a mixture of infrastructure as a service (IaaS), platform as a service (PaaS) and packaged software as a service (SaaS) offerings. AWS services can offer an organization tools such as compute power, database storage and content delivery services. Here are the main parts of the book: Basics of Client-Server Technology The Communication Networks Domain Names Overview of AWS EC2 Overview of AWS S3 Overview of AWS LightSail Overview of AWS Lambda Use of Amazon Web Services How to Developing a Virtual Infrastructure How to Securing Your Network How to Storing Information in the Cloud And much more...

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!!!***** WAGmob brings you, simpleNeasy, on-the-go learning ebook for "Learn

Amazon Web Services". The ebook provides: 1. Snack sized chapters for easy learning. 2. Bite sized flashcards to memorize key concepts. Designed for both students and adults. This ebook provides a quick summary of essential concepts in Amazon Web Services by following snack sized chapters: (Each chapter has corresponding flashcards) Introduction to Amazon Web Services: • Cloud Computing • Cloud Computing Stack • Amazon Web Services (AWS) • AWS Products and Services • AWS Uses • AWS Geo-Locations • AWS Management Console • Benefits of AWS AWS Products and Services: • AWS Products and Services Getting Started with Free Usage Tier: • Getting Started with AWS Free Usage Tier • Getting Started with the Free Usage Tier • Compute & Networking Free Tier Benefits • Storage Free Tier Benefits • Database Free Tier Benefits • Application Services Free Tier Benefits • Development and Management Free Tier Benefits Amazon EC2 - I: • Amazon EC2 • History of EC2 • Amazon EC2 Instances • Instance Types and Families • Amazon EBS • Instance Features • Benefits of Amazon EC2 • Amazon EC2 Service Commitment • Differences between Amazon EC2 and Azure? • Amazon EC2 Billing Amazon EC2 - II: • How to Launch an EC2 Instance • How to Connect to an EC2 Instance • How to Terminate an EC2 Instance Amazon S3: • Amazon Simple Storage Service (Amazon S3) • Amazon S3 Functionality • Notable Amazon S3 Users • Amazon S3 Security • Amazon S3 Access Control • Encryption in Amazon S3 • S3 Durability • S3 Versioning • Reduced Redundancy Storage (RSS) Amazon Glacier: • Amazon Glacier • How to Use Glacier? • Amazon Glacier Costing Amazon Account and MFA: • AWS Account and MFA • AWS MFA • Using an AWS MFA Device • AWS MFA Devices • Amazon Single Sign-On Amazon IAM: • AWS Identity and Access Management • IAM Concepts • IAM Policies • EC2 Resource-Level Permission Amazon RDS: • Amazon RDS • RDS Components • Available RDS Interfaces • RDS Commands Cheat Sheet Amazon Marketplace: • AWS Marketplace • AWS Marketplace Products • Benefits of AWS Marketplace • Best Practices for Building AMIs for the Marketplace About

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Learn to leverage Amazon's powerful platform for your predictive analytics needs About This Book Create great machine learning models that combine the power of algorithms with interactive tools without worrying about the underlying

complexity Learn the What's next? of machine learning—machine learning on the cloud—with this unique guide Create web services that allow you to perform affordable and fast machine learning on the cloud Who This Book Is For This book is intended for data scientists and managers of predictive analytics projects; it will teach beginner- to advanced-level machine learning practitioners how to leverage Amazon Machine Learning and complement their existing Data Science toolbox. No substantive prior knowledge of Machine Learning, Data Science, statistics, or coding is required. What You Will Learn Learn how to use the Amazon Machine Learning service from scratch for predictive analytics Gain hands-on experience of key Data Science concepts Solve classic regression and classification problems Run projects programmatically via the command line and the Python SDK Leverage the Amazon Web Service ecosystem to access extended data sources Implement streaming and advanced projects In Detail Predictive analytics is a complex domain requiring coding skills, an understanding of the mathematical concepts underpinning machine learning algorithms, and the ability to create compelling data visualizations. Following AWS simplifying Machine learning, this book will help you bring predictive analytics projects to fruition in three easy steps: data preparation, model tuning, and model selection. This book will introduce you to the Amazon Machine Learning platform and will implement core data science concepts such as classification, regression, regularization, overfitting, model selection, and evaluation. Furthermore, you will learn to leverage the Amazon Web Service (AWS) ecosystem for extended access to data sources, implement realtime predictions, and run Amazon Machine Learning projects via the command line and the Python SDK. Towards the end of the book, you will also learn how to apply these services to other problems, such as text mining, and to more complex datasets. Style and approach This book will include use cases you can relate to. In a very practical manner, you will explore the various capabilities of Amazon Machine Learning services, allowing you to implementing them in your environment with consummate ease.

***** WAGmob: Over One million paying customer ***** WAGmob brings you, Simple 'n Easy, on-the-go learning ebook for "Learn Cloud Computing".The bite sized ebook helps you to understand the basics of "Learn Cloud Computing". Only 101 introduction to "Learn Cloud Computing" is provided via this ebook. The ebook provides snack sized, bite sized learning. "Learn Cloud Computing" includes tutorials on: What is Cloud Computing? • What is Cloud Computing? • What is the difference between On-Premise versus On the Cloud? Types of Cloud computing: • Types of Cloud computing • Infrastructure-as-a-Service (IaaS) • Platform-as-a-Service (PaaS) • Software-as-a-Service (SaaS) Delivery Model: • Cloud Computing Delivery Models • Public Model • Private Model • Hybrid Model Virtualization: • What is Virtualization? • Network Virtualization • Storage Virtualization • Server Virtualization • Virtual Machine (VM) • Advantages of Virtualization • Disadvantages of Virtualization Cloud Computing

Benefits and Pitfalls: • Cloud Computing Advantages • Cloud Computing Disadvantages Top Cloud Services: • Amazon Web Services - EC2 • Windows Azure • Google App Engine • iCloud Implementing the Cloud: • Cloud-sourcing • Steps for Implementing the Cloud • Questions to ask the cloud service provider Cloud Storage: • Cloud Storage • Types of Cloud Storage • Advantages Cloud Security: • Cloud computing security • Security issues with the cloud • Cloud Security Controls • Cloud security Dimensions • Security and Privacy • Compliance • Legal or Contractual Issues Cloud Backup and DR: • Cloud Backup and DR • Key benefits of backup disaster recovery in the cloud • Data backup security in the cloud Cloud Terminology: • Terminology About WAGmob ebooks: 1) A companion ebook for on-the-go, bite-sized learning. 2) Offers value for money (a lifetime of free updates). 3) Over One million paying customers from 175+ countries. WAGmob Vision : Simple 'n easy ebooks for a lifetime of on-the-go learning Visit us : www.wagmob.com Please write to us at Team@WAGmob.com. We would love to improve this ebook.

This book is aimed at developers and system administrators who want to learn about Big Data analysis using Amazon Elastic MapReduce. Basic Java programming knowledge is required. You should be comfortable with using command-line tools. Prior knowledge of AWS, API, and CLI tools is not assumed. Also, no exposure to Hadoop and MapReduce is expected.

In this Overview of Cloud Computing with Amazon Web Services training course, expert author Steve Suehring will teach you about the services in AWS, what they are used for, and when to use them. This course is designed for the absolute beginner, meaning no prior experience with Amazon Web Services is required. You will start with an overview of compute services, then jump into learning about storage in AWS, including simple storage with S3, content delivery with CloudFront, and archival data services with Glacier. From there, Steve will teach you about databases in AWS, management-related services, and security. This video tutorial also covers networking, developer tools, and application layer services. Finally, you will learn about mobile-related services, analytics in AWS, and enterprise use cases with AWS. Once you have completed this computer based training course, you will have gained a solid understanding of the key AWS services, what they are used for, and when you should use them.

Virtual, hands-on learning labs allow you to apply your technical skills in realistic environments. So Sybex has bundled AWS labs from XtremeLabs with our popular AWS Certified SysOps Administrator Study Guide to give you the same experience working in these labs as you prepare for the Certified SysOps Administrator Exam that you would face in a real-life application. These labs in addition to the book are a proven way to prepare for the certification and for work as an AWS SysOps Administrator. This comprehensive book guides readers through the role of a SysOps Administrator and helps prepare candidates to take the updated AWS Certified SysOps Administrator—Associate (SOA-C01) Exam. The AWS Certified SysOps Administrator—Associate certification validates

technical expertise in deployment, management, and operations on the AWS platform. This Study Guide not only prepares readers for the AWS exam, but it makes sure the reader is ready to perform the duties expected of SysOps Administrators. The book focuses on the skill-set required of AWS professionals by filling in the gap between test preparation and real-world preparedness. Concepts covered include: Monitoring and Reporting High Availability Deployment and Provisioning Storage and Data Management Security and Compliance Networking Automation and Optimization And More Readers will also have one year of free access to the Sybex interactive online learning environment and test bank, providing a suite of robust study tools including an assessment test, chapter tests, bonus practice exam, electronic flashcards, and a glossary of key terms. And with this edition you also get XtremeLabs virtual labs that run from your browser. The registration code is included with the book and gives you 6 months unlimited access to XtremeLabs AWS Certified SysOps Administrator Labs with 6 unique lab modules based on the book.

Learn to design, build, and manage your infrastructure on the most popular of all the Cloud platforms—Amazon Web Services About This Book Learn how to leverage various Amazon Web Services (AWS) components and services to build a secure, reliable, and robust environment to host your applications on Deep dive into the core AWS service offerings with hands-on tutorials, real-world use case scenarios, and best practices A self-paced, systematic, and step-by-step guide to learning and implementing AWS in your own environment Who This Book Is For This book is for those who want to learn and leverage AWS. Although no prior experience with AWS is required, it is recommended that you have some hands-on experience of Linux, Web Services, and basic networking What You Will Learn A brief introduction to Cloud Computing and AWS accompanied by steps to sign up for your first AWS account Create and manage users, groups, and permissions using AWS Identity and Access Management services Get started with deploying and accessing EC2 instances, working with EBS Volumes and Snapshots Customize and create your very own Amazon Machine Image Design and deploy your instances on a highly secured, network isolated environment using Amazon VPC Effectively monitor your AWS environment using specialized alarms, custom monitoring metrics, and much more Explore the various benefits of Database-as-a-Service offerings and leverage them using Amazon RDS and Amazon DynamoDB Take an in-depth look at what's new with AWS, including EC2 Container Service and Elastic File System In Detail AWS is at the forefront of Cloud Computing today. Many businesses are moving away from traditional datacenters and toward AWS because of its reliability, vast service offerings, lower costs, and high rate of innovation. Because of its versatility and flexible design, AWS can be used to accomplish a variety of simple and complicated tasks such as hosting multitenant websites, running large scale parallel processing, content delivery, petabyte storage and archival, and lots more. Whether you are a seasoned sysadmin or a rookie, this book will provide you with all the necessary skills to design, deploy, and manage your applications on the AWS cloud platform. The book guides you through the core AWS services such as IAM, EC2, VPC, RDS, and S3 using a simple real world application hosting example that you can relate to. Each chapter is designed to provide you with the most information possible about a particular AWS service coupled with easy to follow hands-on steps, best practices, tips, and recommendations. By the end of the book, you will be able to create a highly secure, fault tolerant, and scalable environment for your applications to run on. Style and approach This in-depth and insightful guide is filled with easy-to-follow examples, real-world use cases, best

practices, and recommendations that will help you design and leverage AWS.

Everything you need to know for the Solutions Architect - Associate Exam, fully updated The AWS Certified Solutions Architect Study Guide: Associate (SAA-C01) Exam is your complete and fully updated resource to the AWS Solutions Architect - Associate certification. This invaluable Sybex study guide covers all relevant aspects of the AWS Solutions Architect job role, including mapping multi-tier architectures to AWS services, loose coupling and stateless systems, applying AWS security features, deploying and managing services, designing large scale distributed systems, and many more. Written by two AWS subject-matter experts, this self-study guide and reference provides all the tools and information necessary to master the exam, earn your certification, and gain insights into the job of an AWS Solutions Architect. Efficient and logical presentation of exam objectives allows for flexible study of topics, and powerful learning tools increase comprehension and retention of key exam elements. Practice questions, chapter reviews, and detailed examination of essential concepts fully prepare you for the AWS Solutions Architect – Associate certification. The certification is highly valued in IT and cloud computing professionals. Now in a new edition—reflecting the latest changes, additions, and updates to the AWS Solutions Architect – Associate certification exam guide—this book is your complete, one-stop resource: Access the Sybex interactive learning environment and test bank, including chapter tests, practice exams, electronic flashcards, and a searchable glossary of key terms. Learn all the components of the AWS exam and know what to expect on exam day Review challenging exam topics and focus on the areas that need improvement Expand your AWS skillset and keep pace with current cloud computing technologies The AWS Certified Solutions Architect Study Guide: Associate (SAA-C01) Exam enables you to validate your skills, increase your competitive advantage, and take the next step on your career path. Comprehensive and up-to-date content and superior study tools make this guide a must-have resource for those seeking AWS Solutions Architect – Associate certification.

Hundreds of thousands of customers have joined the Amazon Web Services(TM) community in order to build solutions for their businesses. The AWS cloud computing platform provides the flexibility to build your application, your way, regardless of your use case or industry. You can save time, money, and the difficulties of managing your own infrastructure, without compromising on scalability, security, or dependability. The types of solutions customers have built include Application Hosting, Backup and Storage, Content Delivery, E-Commerce, High Performance Computing, Media Hosting, On-Demand Workforce, Search Engines and Web Hosting. This book covers AMazon Web Services'comprehensive cloud computing platform and what it means for your business: Amazon Web Services is more than a collection of infrastructure services. With the same pay as you go pricing, you can save time by incorporating identity, payment, database, messaging, and other services that will give you a head start on delivering for your business. All AWS services are priced on a pay as you go model, with no up front expenses or long-term commitments. - Amazon Elastic Compute Cloud (Amazon EC2(TM)) - A web service that provides resizable compute capacity in the cloud. Configure an Amazon Machine Instance (AMI) and load it into the Amazon EC2 service. Quickly scale capacity, both up and down, as your computing requirements change. - Amazon Simple Storage Service (Amazon S3(TM)) - A simple web services interface that can be used to store and retrieve large amounts of data, at any time, from anywhere on the web. It gives any developer access to the same highly scalable, reliable, fast, inexpensive data storage infrastructure that Amazon uses to run its own global network of web sites. - Amazon SimpleDB(TM) - A web service for running queries on structured data in real time. This service works in close conjunction with Amazon Simple Storage Service (Amazon S3) and Amazon Elastic Compute Cloud (Amazon EC2), collectively providing the ability to store, process and query data sets in the cloud. Amazon SimpleDB is easy to use and provides the core

functionality of a database-real-time lookup and simple querying of structured data-without the operational complexity. - Amazon Simple Queue Service (Amazon SQS(TM)) - A reliable, highly scalable, hosted queue for storing messages as they travel between computers. By using Amazon SQS, developers can simply move data between distributed components of their applications that perform different tasks, without losing messages or requiring each component to be always available.

Pro PowerShell for Amazon Web Services is written specifically for Windows professionals who already know PowerShell and want to learn to host Windows workloads in the Amazon Elastic Cloud Compute (EC2) cloud service. The cloud offers information technology workers significant cost savings and agility unimaginable even just a few years ago. Tasks that traditionally took weeks of work, costing thousands of dollars, can be completed in minutes for a fraction of a penny. This book is a resource for using Microsoft's powerful scripting language, PowerShell, to create, host, manage, and administer workloads using a service widely recognized as the industry leader in cloud computing. Inside, find scripts to create and manage virtual machines, provision storage, configure networks with agility, and more--all using your preferred Windows scripting language. Use your PowerShell knowledge to harness the power of Amazon EC2 today! What you'll learn

- Create, manage, and terminate Windows servers in the cloud
- Manage storage options including backup and recovery
- Configure a virtual network including subnets and route tables
- Secure your servers using security groups and access control lists
- Use Auto Scaling to respond to changing conditions
- Deploy SQL Server using Relational Database Service
- Use Simple Storage Service (S3) to reliably store and archive data
- Control access to resources using Identity and Access Management (IAM)

Who this book is for

Pro PowerShell for Amazon Web Services is for the intermediate to advanced Windows professional who is ready to make the leap to the Amazon cloud.

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AWS gives users the networking, compute, and security services they need without making them pay for anything they're not actually using. With almost a hundred individual AWS services, putting all the pieces together is not a simple thing. That's where this book can help. Learn Amazon Web Services in a Month of Lunches guides readers through the process of building a robust and secure web application using the core AWS services they really need to know. When they're done, readers will be comfortable with the basics, and know exactly where to look when they're ready for more. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

Why can you need AWS? What allows you to do Amazon Web Services? Would you like to start working in the world of cloud computing, but you don't know where to start? Want to Make Money? It is time to Learn Amazon Web Services! This book was written for people who are new to Amazon Web Services or AWS. It contains all you need to know about the how's and why's of this cloud computing service. Amazon Web Services Beginners Guide is for anyone who has been wanting to learn the AWS's basics. For people who have never even logged into the platform before, this book will be your guide through the basics of cloud computing and reveal how AWS became its pioneer. All the fundamentals of AWS will be covered in this book, which should be enough to make you more confident with the terminology and concepts behind this service. We'll begin with a brief history of how the online retail giant Amazon launched AWS initially for web developers. You'll learn about each milestone that shaped AWS

into one of the most reliable and sought after cloud computing services, decisively beating technology giants such as Google and Microsoft. Throughout the sections dedicated to the basics of cloud computing, you'll know more about how it revolutionized the way we use data and make it accessible from anywhere in the world as long as you have an Internet connection. You'll also learn about the advantages of cloud computing compared to local computing and how it will benefit individuals and businesses who are looking into investing in a secure system infrastructure with minimum capital. Truth be told, you may have been using a cloud infrastructure without knowing it. Furthermore, this book will walk you through each of the different types of cloud computing and how each one may be used. AWS has been around for more than a decade now, and through the years it has already amassed around two thousand features and services. We will discuss those that are most used: Are you a web developer trying to break into cloud computing but do not know where to begin? Familiarize yourself with the basics of AWS web development services and how you can use each one to design web applications that are robust, secure, and cost-effective. Do you need a networked desktop and server environment for your business but do not have a budget for it? Amazon WorkSpaces and AppStream may be the perfect solution for you. Ever wondered what big data is all about and how you can harness its power to help you analyze customer behavior? AWS big data services might be the answer you've been looking for. Or, are you a systems administrator looking for an email and calendaring solution that won't require a huge chunk of the budget to be allocated on hardware as well as licenses? You might want to check out Amazon WorkMail. Cloud computing is continuously evolving and you wouldn't want to be left out. Whatever your cloud computing needs are, AWS has them and Amazon Web Services Beginners Guide will show you how you can utilize these services for your or your business' benefit. Scroll up and click Buy Now in 1-Click or Buy NOW at the top of this page to start reading!

With the increasing global interest in leveraging cloud infrastructure, AWS Cloud from Amazon offers a cutting-edge platform for architecting, building, and deploying web-scale cloud applications. The variety of features available within AWS can reduce overall infrastructure costs and accelerate the development process for both large enterprises and startups alike. Beginning with basic cloud concepts, you'll learn about the various cloud services models and the design implications of multi-tenant applications. You'll then design, implement, and deploy a multi-tier, scalable, highly-available and secure application on the AWS platform. At every step, we explain the key guiding principles driving real-world production-ready application architectures. Finally, you will learn how to automate your cloud infrastructure, set up operations, application monitoring, and DevOps pipeline.

Quickstart guide for AWS: Amazon Web Services AWS is an incredibly versatile and powerful cloud service, but only if you know how to use it! Need to learn AWS fast? Amazon Web Services is a cloud service that can be used to for building, testing, and managing applications and services through a network of servers managed by Amazon in various locations all over the world. When you understand how to use Amazon Web Services, you unlock a world of computing power and possibilities. Get the most out of AWS simply by following the easy instructions fully explained inside this guide. It doesn

Perform cloud-based machine learning and deep learning using Amazon Web Services such as SageMaker, Lex, Comprehend, Translate, and Polly Key Features Explore popular machine learning and deep learning services with their underlying algorithms Discover readily available artificial intelligence(AI) APIs on AWS like Vision and Language Services Design robust architectures to enable experimentation, extensibility, and maintainability of AI apps Book Description From data wrangling through to translating text, you can accomplish this and more with the artificial intelligence and machine learning services available on

AWS. With this book, you'll work through hands-on exercises and learn to use these services to solve real-world problems. You'll even design, develop, monitor, and maintain machine and deep learning models on AWS. The book starts with an introduction to AI and its applications in different industries, along with an overview of AWS artificial intelligence and machine learning services. You'll then get to grips with detecting and translating text with Amazon Rekognition and Amazon Translate. The book will assist you in performing speech-to-text with Amazon Transcribe and Amazon Polly. Later, you'll discover the use of Amazon Comprehend for extracting information from text, and Amazon Lex for building voice chatbots. You will also understand the key capabilities of Amazon SageMaker such as wrangling big data, discovering topics in text collections, and classifying images. Finally, you'll cover sales forecasting with deep learning and autoregression, before exploring the importance of a feedback loop in machine learning. By the end of this book, you will have the skills you need to implement AI in AWS through hands-on exercises that cover all aspects of the ML model life cycle. What you will learn Gain useful insights into different machine and deep learning models Build and deploy robust deep learning systems to production Train machine and deep learning models with diverse infrastructure specifications Scale AI apps without dealing with the complexity of managing the underlying infrastructure Monitor and Manage AI experiments efficiently Create AI apps using AWS pre-trained AI services Who this book is for This book is for data scientists, machine learning developers, deep learning researchers, and artificial intelligence enthusiasts who want to harness the power of AWS to implement powerful artificial intelligence solutions. A basic un...

Secure your Amazon Web Services (AWS) infrastructure with permission policies, key management, and network security, along with following cloud security best practices Key Features Explore useful recipes for implementing robust cloud security solutions on AWS Monitor your AWS infrastructure and workloads using CloudWatch, CloudTrail, config, GuardDuty, and Macie Prepare for the AWS Certified Security-Specialty exam by exploring various security models and compliance offerings Book Description As a security consultant, securing your infrastructure by implementing policies and following best practices is critical. This cookbook discusses practical solutions to the most common problems related to safeguarding infrastructure, covering services and features within AWS that can help you implement security models such as the CIA triad (confidentiality, integrity, and availability), and the AAA triad (authentication, authorization, and availability), along with non-repudiation. The book begins with IAM and S3 policies and later gets you up to speed with data security, application security, monitoring, and compliance. This includes everything from using firewalls and load balancers to secure endpoints, to leveraging Cognito for managing users and authentication. Over the course of this book, you'll learn to use AWS security services such as Config for monitoring, as well as maintain compliance with GuardDuty, Macie, and Inspector. Finally, the book covers cloud

security best practices and demonstrates how you can integrate additional security services such as Glacier Vault Lock and Security Hub to further strengthen your infrastructure. By the end of this book, you'll be well versed in the techniques required for securing AWS deployments, along with having the knowledge to prepare for the AWS Certified Security - Specialty certification. What you will learn

- Create and manage users, groups, roles, and policies across accounts
- Use AWS Managed Services for logging, monitoring, and auditing
- Check compliance with AWS Managed Services that use machine learning
- Provide security and availability for EC2 instances and applications
- Secure data using symmetric and asymmetric encryption
- Manage user pools and identity pools with federated login

Who this book is for If you are an IT security professional, cloud security architect, or a cloud application developer working on security-related roles and are interested in using AWS infrastructure for secure application deployments, then this Amazon Web Services book is for you. You will also find this book useful if you're looking to achieve AWS certification. Prior knowledge of AWS and cloud computing is required to get the most out of this book.

Beginning Amazon Web Services with Node.js teaches any novice Node.js developer to configure, deploy, and maintain scalable small to large scale Node.js applications in Amazon Web Services. Hosting a Node.js application in a production environment usually means turning to PaaS hosting, but this approach brings problems. Deploying Node.js directly to AWS solves the problems you encounter in these situations, enabling you to cut out the middle man. You will begin with a basic RESTful web service in Node.js, using the popular Express.js framework, pre-built and ready to run in your local environment. You will be introduced to the most powerful tools in AWS, and learn how to configure your project to take advantage of them. You will be guided through the steps of getting the various key components to work together on AWS. Through code samples using the AWS JavaScript SDK and tutorials in the AWS console, you will gain the knowledge to incorporate secure user authentication, server auto-scaling, a load balancer, CDN, customized caching behavior, and outage monitoring. Node.js is single-threaded, and designed to run high input / high output applications, making it ideal for the cloud environment. If your main task is handling a high volume of requests over HTTP / the web, it will scale very well in proportion to the computing power you allocate to it. Amazon Web Services offers a broad set of services that help organizations move faster, lower costs, and scale applications. Trusted by the largest enterprises and start-ups alike, AWS powers a wide variety of workloads across a broad spectrum. If leveraged properly, you can build a Node.js app on AWS which can automatically power itself up to handle a massive volume of traffic, and then scale back down to a lighter configuration when user demand has dropped. Amazon Web Services offers a broad set of services that help organizations move faster, lower costs, and scale applications. Get started with Node.js and AWS using this book today.

Foreword by Werner Vogels, Vice President and Corporate Technology Officer, Amazon

The AWS exam has been updated. Your study guide should be, too. The AWS Certified Developer Official Study Guide—Associate Exam is your ultimate preparation resource for the latest exam! Covering all exam objectives, this invaluable resource puts a team of AWS experts at your side with expert guidance, clear explanations, and the wisdom of experience with AWS best practices. You'll master core services and basic architecture, and equip yourself to develop, deploy, and debug cloud-based applications using AWS. The AWS Developer certification is earned by those who demonstrate the technical knowledge and skill associated with best practices for building secure, reliable cloud-based applications using AWS technology. This book is your official exam prep companion, providing everything you need to know to pass with flying colors. Study the AWS Certified Developer Exam objectives Gain expert insight on core AWS services and best practices Test your understanding of key concepts with challenging chapter questions Access online study tools including electronic flashcards, a searchable glossary, practice exams, and more Cloud computing offers businesses the opportunity to replace up-front capital infrastructure expenses with low, variable costs that scale as they grow. This customized responsiveness has negated the need for far-future infrastructure planning, putting thousands of servers at their disposal as needed—and businesses have responded, propelling AWS to the number-one spot among cloud service providers. Now these businesses need qualified AWS developers, and the AWS certification validates the exact skills and knowledge they're looking for. When you're ready to get serious about your cloud credentials, the AWS Certified Developer Official Study Guide—Associate Exam is the resource you need to pass the exam with flying colors. NOTE: As of October 7, 2019, the accompanying code for hands-on exercises in the book is available for downloading from the secure Resources area in the online test bank. You'll find code for Chapters 1, 2, 11, and 12.

If you have wanted to learn about the Amazon Cloud Computing platform, more popularly known as Amazon Web Services (AWS), then, this book is for you. If you are new to AWS, the large number of AWS services can be overwhelming and confusing. I wrote this book to introduce you to AWS using a hands-on approach. Rather than just read about the services and features of AWS or cram for an AWS certification exam by memorizing facts that you will soon forget, I believe that the best way to learn and retain information about a new technology is to roll up your sleeves and get your "hands dirty" by actually doing a series of meaningful hands-on exercises. This book uses a hands-on approach to learning about AWS. The chapters introduce you to concepts that you need to know about a service followed by a series of guided hands-on exercises that explain these concepts. Where relevant, screen captures are provided so that having done the hands-on exercises at least once, you can mentally walk through the steps and use the screen captures or command output to reinforce your learning. This book

provides in-depth coverage of a wide range of topics that can be helpful to the end user, business owner, business executive, IT support staff, DevOps or software developer. You can use the knowledge that you gain from this book to get a deep understanding of how AWS can reduce the networking and computing costs for supporting your business from a small web site to a highly reliable, secure, flexible, scalable, high performance computing infrastructure with minimal support. This is the first of a three volume series. In this, volume 1, you will gain a deep understanding of AWS by learning about Amazon Computing Resources such as EC2, S3, SDKs, Lightsail, AWS Lambda.

Looking to get to know about Amazon cloud services The book encompasses what exactly is an amazon cloud architecture, along with what are possible web services that Amazon cloud hold. It further elaborates on the highlights on companies that have used AWS designing and have benefitted from it. There are numerous Amazon Web Services that range in compute service, migration, storage, database, and security. It goes deeper into how analytics and management techniques can be used in the Amazon cloud, which we can benefit from. Artificial intelligence and IoT are two key players in the web services role. However, customer engagement in the cloud has always been on the forefront as a virtual reality of games, and their development is done on a vast scale. Lastly, it describes the AWS best practices that can be used within companies and get benefited from. It also elaborates on the deployment and management of how actively and efficiently cloud can be handled and configured. Book sums up with all the amazon web services, with highlights on their types, pros, and cons, and engaging further on how the future will be with cloud computing. In this book, you will learn: What is cloud computing AWS using computer science AWS using analytics AWS using customer engagement Best practices of AWS Future of AWS So, don't wait and grasp your copy now !

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