
Aws Lambda The Complete Guide To Serverless Microservices

Implementing AWS: Design, Build, and Manage your Infrastructure

AWS (Amazon Web Services)

The Definitive Guide to AWS Application Integration

The Complete Beginner's Guide

A Hands-On, in Depth Guide to Serverless Microservices

Leverage AWS features to build highly secure, fault-tolerant, and scalable cloud environments

AWS Certified Solutions Architect - Professional Complete Study Guide:

AWS Lambda

Learn how to build and deploy serverless applications on AWS

A Complete User Guide for Beginners to Serverless Microservice

AWS Lambda Quick Start Guide

AWS Lambda A Complete Guide - 2019 Edition

AWS Lambda

Design, build, and manage your infrastructure on Amazon Web Services, 2nd Edition

Building Serverless Microservices in Python

Practical MLOps

Mastering AWS Lambda

100+ Exam Practice Questions

AWS Certified SysOps Administrator Official Study Guide

A complete guide to building, testing, and deploying microservices using serverless computing on AWS

Serverless Applications with Node.js

Amazon Lambda Complete Self-Assessment Guide

The Complete Guide to Getting Started with Serverless Microservices - Plus Little-Known Tips and Tricks!

With Amazon SQS, SNS, SWF and Step Functions
Associate (DVA-C01) Exam
Using AWS Lambda and Claudia.js
Specialty Exam
Aws Lambda
The Definitive Guide to AWS Infrastructure Automation
Building Serverless Microservices in Python
Learn AWS Serverless Computing
The Definitive Guide to AWS Application Integration
Design for Organizational Complexity, New Solutions, and Migration - Third Edition 2021
A complete guide to building, testing, and deploying microservices using serverless computing on AWS
Associate Exam
Data Governance: The Definitive Guide
A Comprehensive Beginner's Guide - From A to Z Easy Steps
Associate Exam
Developers Guide to Aws Lambda the Ultimate Beginners Guide
With Amazon SQS, SNS, SWF and Step Functions

*Aws Lambda The Complete Guide To
Serverless Microservices*

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ERICK ELAINE

Implementing AWS: Design, Build, and Manage your
Infrastructure Simon and Schuster

AWS Lambda The Complete Guide To Getting Started With
Serverless Microservices - Plus Little-Known Tips And Tricks!
These days, we can say the more callable and flexible
architectures of microservices as compared to its predecessors
that monolithic. The infrastructure of distributed systems gets

lashed to the legacy when an application begin using
microservices. It is costly to manage, maintain and set up the 3-
tier infrastructure with the conventional physical software
components to ensure that every step would work in each tier
and level, there should be a simple adjustment to an application
that can turn into the time-taking and extensive projects for the
developer in the initial stages. In this book, you are going to read
the useful information and tips about getting started with
serverless microservices. The main focus is on contents, creation,
and organization of this process. All you need to do is to follow
and share this book for spreading the awareness about AWS

Lambda. The detailed guide and steps shared in this book are based on the in-depth and factual-based information. From the overview to the tips, the major purpose of writing this book is to give you right information about turning the time-taking projects in quick tasks through serverless computing.

[AWS \(Amazon Web Services\) Createspace Independent Publishing Platform](#)

AWS Lambda - The Complete Beginner's Guide ☆ ★ ☆ Free Bonus Included ☆ ★ ☆ This book is an exploration of the AWS Lambda. The first part is a guide for you on how to create a deployment package in the various programming languages such as Java, Node.JS, and Python. The concept of limits in AWS Lambda resources is discussed, and you will learn more about how to work with them. Due to concurrent execution, which you might need to support, you will be guided on how to override the defaults for these limits on the various resources. Event sources in AWS Lambda are also discussed in detail, and thus, you will learn more about them. The permissions which are necessary for us to use the various resources in AWS Lambda are also explored, so that you will learn how to grant these to your account. The AWS Lambda console is of great importance, but there are permissions which you must have for you to use it. These are examined in detail, as well as the Resource-Based Policies in AWS Lambda Actions. Here is a preview of what's inside: - Creation of a Deployment Package - AWS Lambda Limits - Event Sources in AWS Lambda - Managing Resource Access Permissions - Permissions Required for Using AWS Lambda Console - Resource-Based Policies in AWS Lambda Take Action Today and Learn AWS Lambda In No Time! Click the "Buy now

with 1-Click" to the right and get this guide immediately.

The Definitive Guide to AWS Application Integration

5starcooks

AWS Lambda - A Guide to Serverless Microservices takes a comprehensive look at developing "serverless" workloads using the new Amazon Web Services Lambda service. Lambda enables users to develop code that executes in response to events - API calls, file uploads, schedules etc. - and upload it without worrying about managing traditional server metrics such as disk space, memory, or CPU usage. With its "per execution" cost model, Lambda can enable organizations to save hundreds or thousands of dollars on computing costs. With in depth walkthroughs, large screenshots, and complete code samples, the reader is guided through the step-by-step process of creating new functions, responding to infrastructure events, developing API backends, executing code at specified intervals, and much more. Since its introduction at AWS re-invent in 2014, AWS Lambda has continued to be one of the fastest growing AWS services. With its arrival, a new application architecture diagram paradigm was created - referred to as serverless. AWS now provides a number of different services that allows you to build full assistants, Internet of Things (IoT) backends, and more can all be fully serverless. For the logic layer of a serverless application, you can execute your business logic using AWS Lambda. Developers and organizations are finding that AWS Lambda is enabling much faster development speed and experimentation than is possible when deploying applications in a traditional server-based environment. This book is meant to provide you with a broad overview of AWS Lambda, its features, a hands-on and indepth

guide to serverless microservices and a slew of recommendations. So what're you waiting for? Get a copy of this AWS Lambda book now!

[The Complete Beginner's Guide](#) Independently Published

A practical guide for developing end-to-end serverless microservices in Python for developers, DevOps, and architects. Key Features Create a secure, cost-effective, and scalable serverless data API Use identity management and authentication for a user-specific and secure web application Go beyond traditional web hosting to explore the full range of cloud hosting options Book Description Over the last few years, there has been a massive shift from monolithic architecture to microservices, thanks to their small and independent deployments that allow increased flexibility and agile delivery. Traditionally, virtual machines and containers were the principal mediums for deploying microservices, but they involved a lot of operational effort, configuration, and maintenance. More recently, serverless computing has gained popularity due to its built-in autoscaling abilities, reduced operational costs, and increased productivity. Building Serverless Microservices in Python begins by introducing you to serverless microservice structures. You will then learn how to create your first serverless data API and test your microservice. Moving on, you'll delve into data management and work with serverless patterns. Finally, the book introduces you to the importance of securing microservices. By the end of the book, you will have gained the skills you need to combine microservices with serverless computing, making their deployment much easier thanks to the cloud provider managing the servers and capacity planning. What you will learn Discover what microservices offer

above and beyond other architectures Create a serverless application with AWS Gain secure access to data and resources Run tests on your configuration and code Create a highly available serverless microservice data API Build, deploy, and run your serverless configuration and code Who this book is for If you are a developer with basic knowledge of Python and want to learn how to build, test, deploy, and secure microservices, then this book is for you. No prior knowledge of building microservices is required.

A Hands-On, in Depth Guide to Serverless Microservices Packt Publishing Ltd

Get the definitive guide on Gatsby, the JavaScript framework for building blazing fast websites and applications. Used by Nike, Costa Coffee, and other companies worldwide, Gatsby is emerging as one of the key technologies in the Jamstack (JavaScript, APIs, and markup) ecosystem. With this comprehensive guide, you'll learn how to architect, build, and deploy Gatsby sites independently or with CMSs, commerce systems, and other data sources. Author Preston So begins by showing you how to set up a Gatsby site from scratch. From there, you'll learn ways to use Gatsby's declarative rendering and GraphQL API, build complex offline-enabled sites, and continuously deploy Gatsby sites on a variety of platforms, including Gatsby Cloud. Discover how Gatsby integrates with many data sources and plug-ins Set up, configure, and architect Gatsby sites using Gatsby's CLI, React, JSX, and GraphQL with high performance out of the box Build an independent Gatsby site based on Markdown and data- and content-driven Gatsby sites that integrate with CMSs and commerce platforms Deploy

Gatsby sites with full CI/CD and test coverage on a variety of platforms, including Netlify, Vercel, and Gatsby Cloud

Leverage AWS features to build highly secure, fault-tolerant, and scalable cloud environments "O'Reilly Media, Inc."

Build reliable, asynchronous, and distributed applications using message queuing and task orchestration capabilities of Amazon Web Services (AWS) Application Integration. This book prepares you to build distributed applications and administrators, and manage queues, workflows, and state machines. You'll start by reviewing key AWS prerequisite services such as EC2, Lambda, S3, DynamoDB, CloudWatch, and IAM. Simple Queue Service (SQS) and SNS Simple Notification Service (SNS) are then covered to show how applications interact with each other in a reliable and resilient fashion. Next, workflow building with (Simple Workflow Service (SWF) for orchestration of tasks is explained and in the final chapter learn the techniques for building a state using Step Functions, Simple Workflow Service along with Flow Framework. The book illustrates all the concepts using numerous examples that work with SDK, CLI, and Console. Most of the code examples are in Java, followed by Python and JavaScript. What You Will Learn Understand the important prerequisites of AWS, such as EC2, Lambda, S3, and DynamoDB Work with SQS, SNS, and SWS functions Review Step functions Who This Book Is For AWS developers and software developers proficient in Java, Python and JavaScript.

[AWS Certified Solutions Architect - Professional Complete Study Guide](#): John Wiley & Sons

[AWS Lambda A Complete Guide - 2019 Edition](#)5starcooks

[AWS Lambda A Complete Guide - 2019 Edition](#) Comprehensive, interactive exam preparation and so much more The AWS Certified SysOps Administrator Official Study Guide: Associate Exam is a comprehensive exam preparation resource. This book bridges the gap between exam preparation and real-world readiness, covering exam objectives while guiding you through hands-on exercises based on situations you'll likely encounter as an AWS Certified SysOps Administrator. From deployment, management, and operations to migration, data flow, cost control, and beyond, this guide will help you internalize the processes and best practices associated with AWS. The Sybex interactive online study environment gives you access to invaluable preparation aids, including an assessment test that helps you focus your study on areas most in need of review, and chapter tests to help you gauge your mastery of the material. Electronic flashcards make it easy to study anytime, anywhere, and a bonus practice exam gives you a sneak preview so you know what to expect on exam day. Cloud computing offers businesses a cost-effective, instantly scalable IT infrastructure. The AWS Certified SysOps Administrator - Associate credential shows that you have technical expertise in deployment, management, and operations on AWS. Study exam objectives Gain practical experience with hands-on exercises Apply your skills to real-world scenarios Test your understanding with challenging review questions Earning your AWS Certification is much more than just passing an exam—you must be able to perform the duties expected of an AWS Certified SysOps Administrator in a real-world setting. This book does more than coach you through the test: it trains you in the tools, procedures,

and thought processes to get the job done well. If you're serious about validating your expertise and working at a higher level, the AWS Certified SysOps Administrator Official Study Guide:

Associate Exam is the resource you've been seeking.

[Learn how to build and deploy serverless applications on AWS](#)

Packt Publishing Ltd

Are your goals realistic? Do you need to redefine your problem? Perhaps the problem has changed or maybe you have reached your goal and need to set a new one? What defines best in class? What happens if cost savings do not materialize? How do you verify the AWS Lambda requirements quality? Are problem definition and motivation clearly presented? This valuable AWS Lambda self-assessment will make you the principal AWS Lambda domain master by revealing just what you need to know to be fluent and ready for any AWS Lambda challenge. How do I reduce the effort in the AWS Lambda work to be done to get problems solved? How can I ensure that plans of action include every AWS Lambda task and that every AWS Lambda outcome is in place? How will I save time investigating strategic and tactical options and ensuring AWS Lambda costs are low? How can I deliver tailored AWS Lambda advice instantly with structured going-forward plans? There's no better guide through these mind-expanding questions than acclaimed best-selling author Gerard Blokdyk. Blokdyk ensures all AWS Lambda essentials are covered, from every angle: the AWS Lambda self-assessment shows succinctly and clearly that what needs to be clarified to organize the required activities and processes so that AWS Lambda outcomes are achieved. Contains extensive criteria grounded in past and current successful projects and activities by

experienced AWS Lambda practitioners. Their mastery, combined with the easy elegance of the self-assessment, provides its superior value to you in knowing how to ensure the outcome of any efforts in AWS Lambda are maximized with professional results. Your purchase includes access details to the AWS Lambda self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows you exactly what to do next. Your exclusive instant access details can be found in your book. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific AWS Lambda Checklists - Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

A Complete User Guide for Beginners to Serverless Microservice
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Leverage this step-by-step guide to build a highly secure, fault-tolerant, and scalable Cloud environment Key Features 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. Delve into 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. Book Description Many businesses are moving from traditional data centers to AWS because of its reliability, vast service offerings, lower costs, and high rate of innovation. AWS can be used to accomplish a variety of both simple and tedious tasks. Whether you are a seasoned system admin or a rookie, this book will help you to learn all the skills you need to work with the AWS cloud. This book guides you through some of the most popular AWS services, such as EC2, Elastic Beanstalk, EFS, CloudTrail, Redshift, EMR, Data Pipeline, and IoT using a simple, real-world, application-hosting example. This book will also enhance your application delivery skills with the latest AWS services, such as CodeCommit, CodeDeploy, and CodePipeline, to provide continuous delivery and deployment, while also securing and monitoring your environment's workflow. Each chapter is designed to provide you with maximal information about each 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. What you will learn Take an in-depth look at what's new with AWS, along with how to effectively manage and automate your EC2 infrastructure with AWS Systems Manager Deploy and scale your applications with ease using AWS Elastic Beanstalk and Amazon Elastic File System Secure and govern your environments using AWS CloudTrail, AWS Config, and AWS Shield Learn the DevOps way using a combination of AWS CodeCommit, AWS CodeDeploy,

and AWS CodePipeline Run big data analytics and workloads using Amazon EMR and Amazon Redshift Learn to back up and safeguard your data using AWS Data Pipeline Get started with the Internet of Things using AWS IoT and AWS Greengrass Who this book is for This book is for those who want to learn and leverage the rich plethora of services provided by 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.

AWS Lambda Quick Start Guide IPSpecialist

The official study guide for the AWS certification specialty exam The AWS Certified Advanced Networking Official Study Guide - Specialty Exam helps to ensure your preparation for the AWS Certified Advanced Networking - Specialty Exam. Expert review of AWS fundamentals align with the exam objectives, and detailed explanations of key exam topics merge with real-world scenarios to help you build the robust knowledge base you need to succeed on the exam—and in the field as an AWS Certified Networking specialist. Coverage includes the design, implementation, and deployment of cloud-based solutions; core AWS services implementation and knowledge of architectural best practices; AWS service architecture design and maintenance; networking automation; and more. You also get one year of free access to Sybex's online interactive learning environment and study tools, which features flashcards, a glossary, chapter tests, practice exams, and a test bank to help you track your progress and gauge your readiness as exam day grows near. The AWS credential validates your skills surrounding AWS and hybrid IT network architectures at scale. The exam

assumes existing competency with advanced networking tasks, and assesses your ability to apply deep technical knowledge to the design and implementation of AWS services. This book provides comprehensive review and extensive opportunities for practice, so you can polish your skills and approach exam day with confidence. Study key exam essentials with expert insight Understand how AWS skills translate to real-world solutions Test your knowledge with challenging review questions Access online study tools, chapter tests, practice exams, and more Technical expertise in cloud computing, using AWS, is in high demand, and the AWS certification shows employers that you have the knowledge and skills needed to deliver practical, forward-looking cloud-based solutions. The AWS Certified Advanced Networking Official Study Guide – Specialty Exam helps you learn what you need to take this next big step for your career.

[AWS Lambda A Complete Guide - 2019 Edition](#) Packt Publishing Ltd

Work through exciting recipes to administer your AWS cloud Key Features Build secure environments using AWS components and services Explore core AWS features with real-world applications and best practices Design and build Lambda functions using real-world examples Book Description With this Learning Path, you'll explore techniques to easily manage applications on the AWS cloud. You'll begin with an introduction to serverless computing, its advantages, and the fundamentals of AWS. The following chapters will guide you on how to manage multiple accounts by setting up consolidated billing, enhancing your application delivery skills, with the latest AWS services such as CodeCommit, CodeDeploy, and CodePipeline to provide continuous delivery and

deployment, while also securing and monitoring your environment's workflow. It'll also add to your understanding of the services AWS Lambda provides to developers. To refine your skills further, it demonstrates how to design, write, test, monitor, and troubleshoot Lambda functions. By the end of this Learning Path, you'll be able to create a highly secure, fault-tolerant, and scalable environment for your applications. This Learning Path includes content from the following Packt products: AWS Administration: The Definitive Guide, Second Edition by Yohan Wadia AWS Administration Cookbook by Rowan Udell, Lucas Chan Mastering AWS Lambda by Yohan Wadia, Udit Gupta What you will learn Explore the benefits of serverless computing and applications Deploy apps with AWS Elastic Beanstalk and Amazon Elastic File System Secure environments with AWS CloudTrail, AWSConfig, and AWS Shield Run big data analytics with Amazon EMR and Amazon Redshift Back up and safeguard data using AWS Data Pipeline Create monitoring and alerting dashboards using CloudWatch Effectively monitor and troubleshoot serverless applications with AWS Design serverless apps via AWS Lambda, DynamoDB, and API Gateway Who this book is for This Learning Path is specifically designed for IT system and network administrators, AWS architects, and DevOps engineers who want to effectively implement AWS in their organization and easily manage daily activities. Familiarity with Linux, web services, cloud computing platforms, virtualization, networking, and other administration-related tasks will assist in understanding the concepts in the book. Prior hands-on experience with AWS core services such as EC2, IAM, S3, and programming languages, such as Node.js, Java, and C#, will also prove beneficial.

AWS Lambda Createspace Independent Publishing Platform
AWS Lambda The Complete Guide To Serverless Microservices - Learn Everything You Need To Know About AWS Lambda! This book provides the complete guide of AWS lambda, the serverless micro services and implementation of AWS lambda to serverless applications. Serverless micro services are relatively new term in the technological world. Serverless is new and innovative architectural design in which the computing unit should not be the virtual computing device rather to operate encapsulating the code. The book has been divided into various topics related to AWS lambda in order to explain thoroughly the serverless micro services and lambda. The first section explains the introduction to the term AWS lambda whereas the next section gives a detailed description on how to build AWS lambda application by explaining the implementation of AWS lambda. Another section is about the creation of serverless schedule by using API gateways and AWS lambda. Since the application might face troubles in creating, designing, deploying and in the implementation phase, therefore the monitoring the AWS lambda function is needed in every phase. Troubleshooting and monitoring the application of AWS lambda has also been explained comprehensively.

Design, build, and manage your infrastructure on Amazon Web Services, 2nd Edition IPSpecialist

AWS Lambda A Complete User Guide for Beginners To Serverless Microservice Have you been thinking of a career in IT? In your looking around the web, have you been intrigued by the concept of microservices, and particularly of something you have heard of called Lambda? If you answered "yes" to those questions, then this guide is for you. This beginners' guide begins with the

assumption that the reader is the base level of IT knowledge, in other words, a total noob. As such, many terms that are loosely thrown around in other guides and articles around the web are actually defined here. We also provide you with a list of other resources that you can explore at your leisure to build up your knowledge of AWS, AWS Lambda and microservices in general.

Building Serverless Microservices in Python John Wiley & Sons

Dive into the technicalities of Amazon Web Services and learn how to incorporate it into your business to turn it into a success! If an investment such as this book provides you with the ultimate guide to expand your business in order to keep up with current challenges and demands, why would you hesitate to give it a go? Amazon Web Services (AWS) is an elaborate cloud computing solution devised by Amazon that is used by individuals, companies, and even governments to scale and grow. This book will take you through the history of AWS and ensure that you understand what AWS offers and how it is relevant to your business or organizational use. Many AWS-specific terminologies that make up the service like EC2, Availability Zone, and S3 are discussed in detail. Along with highlighting the benefits of using AWS, Amazon Web Services by Maxwell Blackmore is sincere as it also visits the service's drawbacks. There's a lot more that you will get from this book, such as: Common myths about AWS and the evidence against them AWS from a factual perspective An introduction to cloud computing; what it is and what its pros and cons are A detailed discussion of the types of cloud computing and their service providers The advantages of using cloud networking and cloud storage An elaborate guide on Amazon

Web Services including useful insight on Lambda, EBS, EC2, and much more In order to make considerable profits, you must step out of the comfort zone that you have known for too long. Tools like Amazon Web Services have been created in order to aid businesses and businesses that follow through with these tools end up on the higher end of the spectrum. Towards the end of this book, you will have learned what cloud computing is, what AWS brings to the table of cloud computing, how it is relevant to small and large-scale businesses, and how to get the best out of Amazon Web Services - all from scratch!

Practical MLOps John Wiley & Sons

AWS SAP C01 - AWS Certified Solution Architect Professional: Study Guide with Practice Questions and Labs - Third Edition
About the Author Nouman Ahmed Khan AWS/Azure/GCP-Architect, CCDE, CCIEx5 (R&S, SP, Security, DC, Wireless), CISSP, CISA, CISM, CRISC, ISO27K-LA is a Solution Architect working with a global telecommunication provider. He works with enterprises, mega-projects, and service providers to help them select the best-fit technology solutions. He also works as a consultant to understand customer business processes and helps select an appropriate technology strategy to support business goals. He has more than fifteen years of experience working with global clients. MASTER THE SOLUTION ARCHITECT PROFESSIONAL COURSE OF AWS IN 7 DAYS! Are you looking to start your career in cloud computing? This book is an ideal resource to start your career journey with confidence. No prior experience in Cloud is required. This is a highly practical, intensive, yet comprehensive book that will teach you to become an AWS Cloud Engineer. The book is for anyone who would like to master the art of AWS Cloud

Computing. It's a perfect resource to pass the AWS Certified Solution Architect Professional (SAP-C01) exam on the first attempt. The new edition includes: -Covers complete exam blueprint -Practice Questions. -Mind-maps -Hand-on practice labs. -Real-world examples -Exam tips This exam measures your ability to describe the following concepts: -Design for Organizational Complexity -Design for New Solutions -Migration Planning -Cost Control -Continuous Improvement for Existing Solutions

Mastering AWS Lambda Apress

Getting your models into production is the fundamental challenge of machine learning. MLOps offers a set of proven principles aimed at solving this problem in a reliable and automated way. This insightful guide takes you through what MLOps is (and how it differs from DevOps) and shows you how to put it into practice to operationalize your machine learning models. Current and aspiring machine learning engineers--or anyone familiar with data science and Python--will build a foundation in MLOps tools and methods (along with AutoML and monitoring and logging), then learn how to implement them in AWS, Microsoft Azure, and Google Cloud. The faster you deliver a machine learning system that works, the faster you can focus on the business problems you're trying to crack. This book gives you a head start. You'll discover how to: Apply DevOps best practices to machine learning Build production machine learning systems and maintain them Monitor, instrument, load-test, and operationalize machine learning systems Choose the correct MLOps tools for a given machine learning task Run machine learning models on a variety of platforms and devices, including mobile phones and specialized hardware

100+ Exam Practice Questions John Wiley & Sons

AWS Certifications are industry-recognized credentials that validate your technical cloud skills and expertise while assisting in your career growth. These are one of the most valuable IT certifications right now since AWS has established an overwhelming lead in the public cloud market. Even with the presence of several tough competitors such as Microsoft Azure, Google Cloud Engine, and Rackspace, AWS is by far the dominant public cloud platform today, with an astounding collection of proprietary services that continues to grow. The AWS Certified Cloud Practitioner (CLF-C01) examination is intended for individuals who have the knowledge and skills necessary to effectively demonstrate an overall understanding of the AWS Cloud, independent of specific technical roles addressed by other AWS certifications (e.g., Solutions Architect - Associate, Developer - Associate, or SysOps Administrator - Associate). The certification will provide you a high level overview on what AWS Cloud is all about. The exam covers four domains, including AWS core services, cloud concepts, security aspect, pricing and support services. AWS Certified Cloud Practitioner is a new entry-level certification and enables individuals to validate their knowledge of the AWS Cloud with an industry-recognized credential. This certification exam validates your ability to define and identify:

- AWS Cloud and its basic global infrastructure
- AWS Cloud architectural principles
- AWS Cloud value proposition
- Key services on the AWS platform and their common use cases (example, compute and analytics)
- Basic security and compliance aspects of the AWS platform and the shared security model
- Billing, account management, and pricing models

Sources of documentation or technical assistance (example, whitepapers or support tickets) • Basic and core characteristics of deploying and operating in the AWS Cloud

[AWS Certified SysOps Administrator Official Study Guide](#) Packt Publishing Ltd

The AWS Certified Solutions Architect Professional exam validates advanced technical skills and experience in designing distributed applications and systems on the AWS platform. Example concepts you should understand for this exam include: - Designing and deploying dynamically scalable, highly available, fault-tolerant, and reliable applications on AWS - Selecting appropriate AWS services to design and deploy an application based on given requirements - Migrating complex, multi-tier applications on AWS - Designing and deploying enterprise-wide scalable operations on AWS - Implementing cost-control strategies - Recommended AWS Knowledge This book contains Free Resources. Preview the book & see what's inside.

[A complete guide to building, testing, and deploying microservices using serverless computing on AWS](#) Packt Publishing Ltd

As you move data to the cloud, you need to consider a comprehensive approach to data governance, along with well-defined and agreed-upon policies to ensure your organization meets compliance requirements. Data governance incorporates the ways people, processes, and technology work together to ensure data is trustworthy and can be used effectively. This practical guide shows you how to effectively implement and scale data governance throughout your organization. Chief information, data, and security officers and their teams will learn strategy and

tooling to support democratizing data and unlocking its value while enforcing security, privacy, and other governance standards. Through good data governance, you can inspire customer trust, enable your organization to identify business efficiencies, generate more competitive offerings, and improve customer experience. This book shows you how. You'll learn: Data governance strategies addressing people, processes, and tools

Benefits and challenges of a cloud-based data governance approach How data governance is conducted from ingest to preparation and use How to handle the ongoing improvement of data quality Challenges and techniques in governing streaming data Data protection for authentication, security, backup, and monitoring How to build a data culture in your organization