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BRAIDEN CONOR

Craft Infrastructure-as-Code Solutions Packt Publishing Ltd
Build scalable and production-ready infrastructure in Amazon Web Services with CloudFormation Key Features Leverage AWS CloudFormation templates to manage your entire infrastructure Get up and running with writing your infrastructure as code and automating your environment Simplify infrastructure management and increase productivity with AWS CloudFormation Book Description DevOps and the cloud revolution have forced software engineers and operations teams to rethink how to manage infrastructures. With this AWS book, you'll understand how you can use Infrastructure as Code (IaC) to simplify IT operations and manage the modern cloud infrastructure effectively with AWS CloudFormation. This comprehensive guide will help you explore AWS CloudFormation from template structures through to developing complex and reusable infrastructure stacks. You'll then delve into validating templates, deploying stacks, and handling deployment failures. The book will also show you how to leverage AWS CodeBuild and CodePipeline to automate resource delivery and apply continuous integration and continuous delivery (CI/CD) practices to the stack. As you advance, you'll learn how to generate templates on the fly using macros and create resources outside AWS with custom resources. Finally, you'll improve the way you manage the modern cloud in AWS by extending CloudFormation using AWS serverless application model (SAM) and AWS cloud development kit (CDK). By the end of this book, you'll have mastered all the major AWS CloudFormation concepts and be able to simplify infrastructure management. What you will learn Understand modern approaches to IaC Develop universal and reusable CloudFormation templates Discover ways to apply continuous delivery with CloudFormation Implement IaC best practices for the AWS Cloud Provision massive applications across multiple regions and accounts Automate template generation and software provisioning for AWS Extend CloudFormation with custom resources and template macros Who this book is for If you are a developer who wants to learn how to write templates, a DevOps engineer interested in deployment and orchestration, or a solutions architect looking to understand the benefits of managing infrastructure with ease, this book is for you. Prior understanding of the AWS Cloud is necessary.
From Novice to Professional Packt Publishing Ltd
By exploring specific examples of cloud computing and virtualization, this book allows libraries considering cloud computing to start their exploration of these systems with a more informed perspective.
Website Hosting and Migration with Amazon Web Services Packt Publishing Ltd
Learn how to schedule and run application containers using Kubernetes. About This Book Get well-versed with the fundamentals of Kubernetes and get it production-ready for deployments Confidently manage your container clusters and networks using Kubernetes This practical guide will show you container application examples throughout to illustrate the concepts and features of Kubernetes Who This Book Is For This book is for developers, sys admins, and DevOps engineers who want to automate the deployment process and scale their applications. You do not need any knowledge about Kubernetes. What You Will Learn Download, install, and configure the Kubernetes codebase Understand the core concepts of a Kubernetes cluster Be able to set up and access monitoring and logging for Kubernetes clusters Set up external access to applications running in the cluster Understand how CoreOS and Kubernetes can help you achieve greater performance and container implementation agility Run multiple clusters and manage from a single control plane Explore container security as well as securing Kubernetes clusters Work with third-party extensions and tools In Detail Kubernetes has continued to grow and achieve broad adoption across various industries, helping you to orchestrate and automate container deployments on a massive scale. This book will give you a complete understanding of Kubernetes and how to get a cluster up and running. You will develop an understanding of the installation and configuration process. The book will then focus on the core Kubernetes constructs such as pods, services, replica sets, replication controllers, and labels. You will also understand how cluster level networking is done in Kubernetes. The book will also show you how to manage deployments and perform updates with minimal downtime. Additionally, you will learn about operational aspects

of Kubernetes such as monitoring and logging. Advanced concepts such as container security and cluster federation will also be covered. Finally, you will learn about the wider Kubernetes ecosystem with OCP, CoreOS, and Tectonic and explore the third-party extensions and tools that can be used with Kubernetes. By the end of the book, you will have a complete understanding of the Kubernetes platform and will start deploying applications on it. Style and approach This straightforward guide will help you understand how to move your container applications into production through best practices and a step-by-step walkthrough tied to real-world operational strategies.
AWS Certified Data Analytics Study Guide with Online Labs Springer
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.

Microservices: Up and Running

Springer
* PHP is an open-source server-side scripting language, with millions of users worldwide. It is more popular than Microsoft's ASP and ASP.NET. Version 5, out before the end of Q2 of 2004, features new OO-programming capabilities. * MySQL is the most popular open source RDBMS. * There are a lot of E-commerce elements, such as credit card transaction processing, that are not easy to learn. This book will provide solid e-commerce solutions for PHP and MySQL developers. * This will be a good companion book to Apress' 1893115518 Beginning PHP 5 and MySQL: From Novice to Professional by W.J. Gilmore.

Practical MLOps Packt Publishing Ltd
Your #1 all-in-one reference and exam Study Guide for the UPDATED AWS SysOps Administrator certification! 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 Dada 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.

Packt Publishing Ltd

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

Building Serverless Python Web Services with Zappa AWS

Certified Cloud Practitioner Study Guide CLF-C01 Exam

A comprehensive guide to architecting, managing, implementing, and controlling multi-cloud environments Key Features Deliver robust multi-cloud environments and improve your business productivity Stay in control of the cost, governance, development, security, and continuous improvement of your multi-cloud solution Integrate different solutions, principles, and practices into one multi-cloud foundation Book Description Multi-cloud has emerged as one of the top cloud computing trends, with businesses wanting to reduce their reliance on only one vendor. But when organizations shift to multiple cloud services without a clear strategy, they may face certain difficulties, in terms of how to stay in control, how to keep all the different components secure, and how to execute the cross-cloud development of applications. This book combines best practices from different cloud adoption frameworks to help you find solutions to these problems. With step-by-step explanations of essential concepts and practical examples, you'll begin by planning the foundation, creating the architecture, designing the governance model, and implementing tools, processes, and technologies to manage multi-cloud environments. You'll then discover how to design workload environments using different cloud propositions, understand how to optimize the use of these cloud technologies, and automate and monitor the environments. As you advance, you'll delve into multi-cloud governance, defining clear demarcation models and management processes. Finally, you'll learn about managing identities in multi-cloud: who's doing what, why, when, and where By the end of this book, you'll be able to create, implement, and manage multi-cloud architectures with confidence What you will learn Get to grips with the core functions of multiple cloud platforms Deploy, automate, and secure different cloud solutions Design network strategy and get to grips with identity and access management for multi-cloud Design a landing zone spanning multiple cloud platforms Use automation, monitoring, and management tools for multi-cloud Understand multi-cloud management with the principles of BaseOps, FinOps, SecOps, and DevOps Define multi-cloud security policies and use cloud security tools Test, integrate, deploy, and release using multi-cloud CI/CD pipelines Who this book is for This book is for architects and lead engineers involved in architecting multi-cloud environments, with a focus on getting governance right to stay in control of developments in multi-cloud. Basic knowledge of different cloud platforms (Azure, AWS, GCP, VMWare, and OpenStack) and understanding of IT governance is necessary.

Ubuntu 18.04 LTS Server: Administration and Reference

Packt Publishing Ltd

Create dynamic cloud-based websites with Amazon Web Services and this friendly guide! As the largest cloud computing platform in the world, Amazon Web Services (AWS) provides one of the most popular web services options available. This easy-to-understand guide is the perfect introduction to the Amazon Web Services platform and all it can do for you. You'll learn about the Amazon Web Services tool set; how different web services (including S3, Amazon EC2, and Amazon Flexible Payments) and Glacier work; and how you can implement AWS in your organization. Explains how to use Amazon Web Services to store objects, take

payments, manage large quantities of data, send e-mails, deploy push notifications, and more from your website. Details how AWS can reduce costs, improve efficiency, increase productivity, and cut down on expensive hardware investments - and administrative headaches - in your organization. Includes practical examples and helpful step-by-step lists to help you experiment with different AWS features and create a robust website that meets your needs. Amazon Web Services For Dummies is exactly what you need to get your head in the cloud with Amazon Web Services!

Associate Exam "O'Reilly Media, Inc."

This practical guide takes a hands-on approach to implementation and associated methodologies to have you up and running with all that Amazon Kinesis has to offer. You'll work with use cases and practical examples to be able to ingest, process, analyze, and stream real-time data in no time.

Cloud Native Python IGI Global

AWS Certified Cloud Practitioner Study Guide CLF-C01 Exam John Wiley & Sons

Associate SOA-C01 Exam Surfing Turtle Press

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!

Learning Bayesian Models with R IGI Global

Learn from the AWS subject-matter experts, apply real-world scenarios and clear the AWS Certified Solutions Architect - Associate exam. Key Features: Build highly reliable and scalable workloads on the AWS platform. Pass the exam in less time and with confidence. Get up and running with building and managing applications on the AWS platform. Book Description: Amazon Web Services (AWS) is currently the leader in the public cloud market. With an increasing global interest in leveraging cloud infrastructure, the AWS Cloud from Amazon offers a cutting-edge platform for architecting, building, and deploying web-scale cloud applications. As more the rate of cloud platform adoption increases, so does the need for cloud certification. The AWS Certified Solution Architect - Associate Guide is your one-stop solution to gaining certification. Once you have grasped what AWS and its prerequisites are, you will get insights into different types of AWS services such as Amazon S3, EC2, VPC, SNS, and more to get you prepared with core Amazon services. You will then move on to understanding how to design and deploy highly scalable applications. Finally, you will study security concepts along with the AWS best practices and mock papers to test your knowledge. By the end of this book, you will not only be fully prepared to pass the AWS Certified Solutions Architect - Associate exam but also capable of building secure and reliable applications. What you will learn: Explore AWS terminology and identity and access management. Acquaint yourself with important cloud services and features in categories such as compute, network, storage, and databases. Define access control to secure AWS resources and set up efficient monitoring. Back up your database and ensure high availability by understanding all of the database-related services in the AWS Cloud. Integrate AWS with your applications to meet and exceed non-functional requirements. Build and deploy cost-effective and highly available applications. Who this book is for: The AWS Certified Solutions Architect - Associate Guide is for you if you are an IT professional or Solutions Architect wanting to pass the AWS Certified Solution Architect - Associate 2018 exam. This book is also for developers looking to start building scalable applications on AWS.

AWS Certified Solutions Architect Official Study Guide John Wiley & Sons

Discover the pillars of AWS infrastructure automation, starting with API-driven infrastructure concepts and its immediate benefits such as increased agility, automation of the infrastructure life cycle, and flexibility in experimenting with new architectures. With this base established, the book discusses infrastructure-as-code concepts in a general form, establishing principled outcomes such as security and reproducibility. Inescapably, we delve into how these concepts enable and underpin the DevOps movement. The Definitive Guide to AWS Infrastructure Automation begins by discussing services and tools that enable infrastructure-as-code solutions; first stop: AWS's CloudFormation service. You'll then cover the ever-expanding ecosystem of tooling emerging in this space, including CloudFormation wrappers such as Troposphere and orchestrators such as Sceptre, to completely independent third-party tools such as Terraform and Pulumi. As a bonus, you'll also work with AWS' newly-released CDK (Cloud Development

Kit). You'll then look at how to implement modular, robust, and extensible solutions across a few examples -- in the process building out each solution with several different tools to compare and contrast the strengths and weaknesses of each. By the end of the journey, you will have gained a wide knowledge of both the AWS-provided and third-party ecosystem of infrastructure-as-code/provisioning tools, and the strengths and weaknesses of each. You'll possess a mental framework for how to craft an infrastructure-as-code solution to solve future problems based on examples discussed throughout the book. You'll also have a demonstrable understanding of the hands-on operation of each tool, situational appropriateness of each tool, and how to leverage the tool day to day. What You Will Learn: Discover the technological and organizational benefits to infrastructure-as-code solutions. Examine the overall landscape of infrastructure-as-code tooling and solutions available to consumers of AWS services. See the strengths and weaknesses of these tools relative to one another as examined through hands-on implementation of several solutions. Gain hands-on experience, best practices, and tips and tricks learned through several years' real-world experience delivering solutions using these very tools in a wide variety of scenarios. Engineer solid solutions that leave room for new requirements and changes without requiring needless refactoring. Who This Book Is For: DevOps engineers, cloud engineers and architects focused on the AWS ecosystem, software engineers/developers working within the AWS ecosystem, and engineering leaders looking for best practices.

Amazon Web Services For Dummies John Wiley & Sons

Become an AWS SysOps administrator and explore best practices to maintain a well-architected, resilient, and secure AWS environment. Key Features: Explore AWS Cloud functionalities through a recipe-based approach. Get to grips with a variety of techniques for automating your infrastructure. Discover industry-proven best practices for architecting reliable and efficient workloads. Book Description: AWS is an on-demand remote computing service providing cloud infrastructure over the internet with storage, bandwidth, and customized support for APIs. This updated second edition will help you implement these services and efficiently administer your AWS environment. You will start with the AWS fundamentals and then understand how to manage multiple accounts before setting up consolidated billing. The book will assist you in setting up reliable and fast hosting for static websites, sharing data between running instances and backing up data for compliance. By understanding how to use compute service, you will also discover how to achieve quick and consistent instance provisioning. You'll then learn to provision storage volumes and autoscale an app server. Next, you'll explore serverless development with AWS Lambda, and gain insights into using networking and database services such as Amazon Neptune. The later chapters will focus on management tools like AWS CloudFormation, and how to secure your cloud resources and estimate costs for your infrastructure. Finally, you'll use the AWS well-architected framework to conduct a technology baseline review, self-assessment and identify critical areas for improvement in the management and operation of your cloud-based workloads. By the end of this book, you'll have the skills to effectively administer your AWS environment. What you will learn: Secure your account by creating IAM users and avoiding the use of the root login. Simplify the creation of a multi-account landing zone using AWS Control Tower. Master Amazon S3 for unlimited, cost-efficient storage of data. Explore a variety of compute resources on the AWS Cloud, such as EC2 and AWS Lambda. Configure secure networks using Amazon VPC, access control lists, and security groups. Estimate your monthly bill by using cost estimation tools. Learn to host a website with Amazon Route 53, Amazon CloudFront, and S3. Who this book is for: If you are an administrator, DevOps engineer, or an IT professional interested in exploring administrative tasks on the AWS Cloud, then this book is for you. Familiarity with cloud computing platforms and some understanding of virtualization, networking, and other administration-related tasks is assumed.

Learn Amazon SageMaker Packt Publishing Ltd

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.

Design and secure highly available, cost-effective data streaming applications with Amazon Kinesis Apress

Study and prepare for the AWS Certified SysOps Administrator Associate (SOA-C01) Exam. You can prepare for test success with AWS Certified SysOps Administrator Practice Tests: Associate (SOA-C01) Exam. It provides a total of 1,000 practice questions that get you ready for the exam. The majority of questions are found within seven practice tests, which correspond to the seven AWS Certified SysOps Administrator Associate SOA-C01 Exam objective domains. Additionally, you can take advantage of an extra practice exam, or utilize an online test bank as an additional study resource. Practice tests allow you to demonstrate your knowledge and ability to: Deploy, manage, and operate scalable and fault-tolerant systems on the service. Implement and control data flow as it goes to and from AWS. Choose the right AWS service depending upon requirements. Identify the proper use of AWS best practices during operations. Estimate AWS costs and pinpoint cost controls. Migrate workloads to Amazon Web Services. As someone working to deliver cloud-based solutions, you can earn an AWS Certification to demonstrate your expertise with the technology. The certification program recognizes proficiency in technical skills and knowledge related to best practices for building cloud-based applications with AWS.

Specialty DAS-C01 Exam Apress

Become an expert in Bayesian Machine Learning methods using R and apply them to solve real-world big data problems. About This Book: Understand the principles of Bayesian Inference with less mathematical equations. Learn state-of-the-art Machine Learning methods. Familiarize yourself with the recent advances in Deep Learning and Big Data frameworks with this step-by-step guide. Who This Book Is For: This book is for statisticians, analysts, and data scientists who want to build a Bayes-based system with R and implement it in their day-to-day models and projects. It is mainly intended for Data Scientists and Software Engineers who are involved in the development of Advanced Analytics applications. To understand this book, it would be useful if you have basic knowledge of probability theory and analytics and some familiarity with the programming language R. What You Will Learn: Set up the R environment. Create a classification model to predict and explore discrete variables. Get acquainted with Probability Theory to analyze random events. Build Linear Regression models. Use Bayesian networks to infer the probability distribution of decision variables in a problem. Model a problem using Bayesian Linear Regression approach with the R package BLR. Use Bayesian Logistic Regression model to classify numerical data. Perform Bayesian Inference on massively large data sets using the MapReduce programs in R and Cloud computing. In Detail: Bayesian Inference provides a unified framework to deal with all sorts of uncertainties when learning patterns from data using machine learning models and use it for predicting future observations. However, learning and implementing Bayesian models is not easy for data science practitioners due to the level of mathematical treatment involved. Also, applying Bayesian methods to real-world problems requires high computational resources. With the recent advances in computation and several open sources packages available in R, Bayesian modeling has become more feasible to use for practical applications today. Therefore, it would be advantageous for all data scientists and engineers to understand Bayesian methods and apply them in their projects to achieve better results. Learning Bayesian Models with R starts by giving you a comprehensive coverage of the Bayesian Machine Learning models and the R packages that implement them. It begins with an introduction to the fundamentals of probability theory and R programming for those who are new to the subject. Then the book covers some of the important machine learning methods, both supervised and unsupervised learning, implemented using Bayesian Inference and R. Every chapter begins with a theoretical description of the method explained in a very simple manner. Then, relevant R packages are discussed and some illustrations using data sets from the UCI Machine Learning repository are given. Each chapter ends with some simple exercises for you to get hands-on experience of the concepts and R packages discussed in the chapter. The last chapters are devoted to the latest development in the field, specifically Deep Learning, which uses a class of Neural Network models that are currently at the frontier of Artificial Intelligence. The book concludes with the application of Bayesian methods on Big Data using the Hadoop and Spark frameworks. Style and approach: The book first gives you a

theoretical description of the Bayesian models in simple language, followed by details of its implementation in the R package. Each chapter has illustrations for the use of Bayesian model and the corresponding R package, using data sets from the UCI Machine Learning repository. Each chapter also contains sufficient exercises for you to get more hands-on practice.

Decrease the time to market for AI and ML applications with the power of AWS John Wiley & Sons

Master serverless architectures in Python and their implementation, with Zappa on three different frameworks. Key Features Scalable serverless Python web services using Django, Flask, and Pyramid. Learn Asynchronous task execution on AWS Lambda and scheduling using Zappa. Implementing Zappa in a Docker container. Book Description Serverless applications are becoming very popular these days, not just because they save developers the trouble of managing the servers, but also because they provide several other benefits such as cutting heavy costs and improving the overall performance of the application. This book will help you build serverless applications in a quick and

efficient way. We begin with an introduction to AWS and the API gateway, the environment for serverless development, and Zappa. We then look at building, testing, and deploying apps in AWS with three different frameworks--Flask, Django, and Pyramid. Setting up a custom domain along with SSL certificates and configuring them with Zappa is also covered. A few advanced Zappa settings are also covered along with securing Zappa with AWS VPC. By the end of the book you will have mastered using three frameworks to build robust and cost-efficient serverless apps in Python. What you will learn Build, test, and deploy a simple web service using AWS CLI Integrate Flask-based Python applications, via AWS CLI configuration Design Rest APIs integrated with Zappa for Flask and Django Create a project in the Pyramid framework and configure it with Zappa Generate SSL Certificates using Amazon Certificate Manager Configure custom domains with AWS Route 53 Create a Docker container similar to AWS Lambda Who this book is for Python Developers who are interested in learning how to develop fast and highly scalable

serverless applications in Python, will find this book useful **AWS Certified Security - Specialty Exam Guide** John Wiley & Sons

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.