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Summary Serverless Architectures on AWS teaches you how to build, secure and manage serverless architectures that can power the most demanding web and mobile apps. Forewords by Patrick Debois (Founder of devopsdays) and Dr. Donald F. Ferguson (Columbia University). Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology There's a shift underway toward serverless cloud architectures. With the release of serverless computer technologies such as AWS Lambda, developers are now building entirely serverless platforms at scale. In these new architectures, traditional back-end servers are replaced with cloud functions acting as discrete single-purpose services. By composing and combining these serverless cloud functions together in a loose orchestration and adopting useful third-party services, developers can create powerful yet easy-to-understand applications. About the Book Serverless Architectures on AWS teaches you how to build, secure, and manage serverless architectures that can power the most demanding web and mobile apps. You'll get going quickly with this book's ready-made real-world examples, code snippets, diagrams, and descriptions of architectures that can be readily applied. By the end, you'll be able to architect and build your own serverless applications on AWS. What's Inside First steps with serverless computing Important patterns and architectures Writing AWS Lambda functions and using the API Gateway Composing serverless applications using key services like Auth0 and Firebase Securing, deploying, and managing serverless architectures About the Reader This book is for software developers interested in back end

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technologies. Experience with JavaScript (node.js) and AWS is useful but not required. About the Author Dr. Peter Sbarski is a well-known AWS expert, VP of engineering at A Cloud Guru, and head of Serverlessconf. Table of Contents PART 1 - FIRST STEPS Going serverless Architectures and patterns Building a serverless application Setting up your cloud PART 2 - CORE IDEAS Authentication and authorization Lambda the orchestrator API Gateway PART 3 - GROWING YOUR ARCHITECTURE Storage Database Going the last mile APPENDIXES Services for your serverless architecture Installation and setup More about authentication and authorization Lambda insider Models and mapping With this ESSENTIAL EXAM TRAINING for the AWS Certified Solutions Architect Associate, you'll learn everything you need to know to ace your exam! The powerful combination of exam cram essentials (in this book) and video course (accessible online) will prepare you thoroughly for the real exam so that you get to pass with flying colors. This book is the perfect tool for quick revision of the most important facts before you sit your exam. With the purchase of this book, you get FREE access to the popular video course for the AWS Certified Solutions Architect Associate from Digital Cloud Training. Gain the edge on exam day and learn how to master the cloud in the real world. This in-depth training combines hands-on practical exercises with a high-quality level of theoretical training. By the end of the course, you will have developed a strong experience-based skillset on AWS along with the confidence to ace your AWS Solutions Architect exam first time! REFLECTING LATEST SAA-C02 EXAM: New content has been added to these training materials covering all of the new topics of the latest SAA-C02 exam blueprint 28 HOURS OF GUIDED HANDS-ON LECTURES: Learn how to architect and build applications on Amazon Web Services (AWS) QUIZ QUESTIONS: At the end

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of each section, you get to test your understanding and measure your progress HIGH-QUALITY VISUALS: We've spared no effort to create a highly visual training course with lots of tables and graphs to illustrate the concepts PRESENTED IN A PROFESSIONAL WAY: Your instructor, Neal Davis, uses clear language and presents the material in a professional way Fast-track your exam success and join the AWS Community of over 150,000 students who have enrolled in the Digital Cloud Training Courses.

Brand new book for the AWS Certified Solutions Architect Professional (SAP-C01) Exam Preparation. All original material. This book is designed for candidates looking to Pass Their Exam on the 1st Try, Save their Money, their time and have the knowledge to win the technical interview and land a cloud architect job. All Topics are Covered in this book. The questions are carefully created, up-to-date and selected based on the 5 domains of the actual AWS Certified Solutions Architect Professional exam.

The AWS Certified Solutions Architect Associate certification demonstrates your expertise in architecting and deploying secure and robust applications on the leading cloud platform in the world, Amazon Web Services. Designed for all AWS Certified Solutions Architect Associate candidates, the AWS Certified Solutions Architect -- Associate (SAA-C02) Cert Guide covers every exam objective concisely and logically, with proven study features that enable students to succeed on the exam the first time. Expert author and trainer Mark Wilkins shares preparation hints and test-taking tips, helping to identify areas of weakness and improve both conceptual knowledge and hands-on skills. This complete study package provides a test-preparation routine proven to help students pass the exams, including quizzes, cheat sheets, a study plan, and hundreds of exam-realistic questions.

AWS Certified Solutions Architect - Professional is considered

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one of the top certifications in the world and there have been a few discrepancies due to the lack of a well-defined study guide which can help individuals to prepare for the certification. The book, based on the famous AWS Solutions Architect - Professional video course by Zeal, brings the much-needed step by step guide, followed by a well-defined learning process and exam preparation quizzes which will help you prepare for this challenging certification. With the detailed preparation guide and instructor support via email, join us in the journey to be an AWS Certified Solutions Architect - Professional.

The AWS Certified Solutions Architect - Professional certification demonstrates your advanced technical expertise and experience in designing distributed applications and systems on the world's leading cloud platform, Amazon Web Services. AWS Certified Solutions Architect Professional Cert Guide is the comprehensive self-study resource for Amazon's valuable new exam. Designed for all AWS Certified Solutions Architect - Professional candidates, this guide covers every exam objective concisely and logically, with extensive teaching features designed to promote retention and understanding. You'll find: Pre-chapter quizzes to assess knowledge upfront and focus your study more efficiently Foundation topics sections that explain concepts and configurations, and link theory to practice Key topics sections calling attention to every figure, table, and list you must know Exam Preparation sections with additional chapter review features Final preparation chapter providing tools and resources to help you craft your review and test-taking strategies and optimize your study time A customizable practice test library A 70% discount off the Premium Edition eBook and Practice Test And more This guide offers comprehensive, up-to-date coverage of all AWS Certified Solutions Architect - Professional topics related to: Designing

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and deploying AWS applications that are dynamically scalable, highly available, fault-tolerant, and reliable Choosing the right AWS services to design and deploy based on your application's requirements Performing cloud migrations and establishing hybrid architectures Planning for networking, data storage, and security Optimizing scalability and elasticity Planning and establishing enterprise-wide scalable operations on AWS Controlling the cost of your AWS solutions, and more Learn how to hack systems like black hat hackers and secure them like security experts Key Features Understand how computer systems work and their vulnerabilities Exploit weaknesses and hack into machines to test their security Learn how to secure systems from hackers Book Description This book starts with the basics of ethical hacking, how to practice hacking safely and legally, and how to install and interact with Kali Linux and the Linux terminal. You will explore network hacking, where you will see how to test the security of wired and wireless networks. You'll also learn how to crack the password for any Wi-Fi network (whether it uses WEP, WPA, or WPA2) and spy on the connected devices. Moving on, you will discover how to gain access to remote computer systems using client-side and server-side attacks. You will also get the hang of post-exploitation techniques, including remotely controlling and interacting with the systems that you compromised. Towards the end of the book, you will be able to pick up web application hacking techniques. You'll see how to discover, exploit, and prevent a number of website vulnerabilities, such as XSS and SQL injections. The attacks covered are practical techniques that work against real systems and are purely for educational purposes. At the end of each section, you will learn how to detect, prevent, and secure systems from these attacks. What you will learn Understand ethical hacking and the different fields and types of hackers Set up a penetration testing lab to practice safe

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and legal hacking Explore Linux basics, commands, and how to interact with the terminal Access password-protected networks and spy on connected clients Use server and client-side attacks to hack and control remote computers Control a hacked system remotely and use it to hack other systems Discover, exploit, and prevent a number of web application vulnerabilities such as XSS and SQL injections Who this book is for Learning Ethical Hacking from Scratch is for anyone interested in learning how to hack and test the security of systems like professional hackers and security experts. 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

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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.

If you want to learn AWS, there's no better time than right now. There are plenty of opportunities to work or start your own company if you have AWS certification. For most people, taking an AWS course for beginners would help you determine whether or not AWS is for you and which direction is right for you. AWS and gaining Certification would help not only beginners and cloud professionals but also those who want to develop a career or boost their company. Credibility and trust are crucial considerations for demonstrating your competence to prospective employers and clients. Such factors allow AWS professionals to establish and sustain relationships. One of the best ways to develop competence and reputation is to create a certificate that demonstrates that you have experience in a particular area. This book covers the following topics: Networking Content delivery Databases

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Application integration AWS security, identity & compliance And Much More! Certifications will put you ahead of your competition and track your career or business goals quickly. So what are you waiting for? Ready to get started? Click "Buy Now"!

AWS Certified Solutions Architect Associate: Certification Study Notes includes key concepts, architectures and features for AWS certification exam study. There are comparison tables as well for easy reference and review. The services matrix is a quick reference summary with AWS features and recommended use cases. They provide context for topics and questions on the exam. There is a certification practice test to verify your knowledge and exam readiness. It is based on all official Amazon AWS certification guidelines. The associate level certification is designed to test candidates on various cloud topics. Candidates must know how to select, deploy, integrate, manage and troubleshoot AWS services. Prepare for AWS Certification Associate Exam Study Notes AWS Services Matrix Use Case Examples Certification Practice Test EC2, VPC, Security, Monitoring Database Services, Storage Fault Tolerant Systems Deployment and Orchestration

Would you like to become an AWS Certified Solutions Architect-Associate? Are you looking for the best way to evaluate your preparation for the exam? Well, why go out again? This study guide is

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ideal for your needs. Designed to make students review relevant topics, you can find in this book all the theory you need to know to pass the exam, but there's more: each topic is accompanied by summaries, diagrams and - most importantly - practical tests to maximize your chance of passing the exam. As the so-called AWS, Amazon Web Services, has been the front runner in cloud computing products and services, for this reason there is a great demand in this field. The exam may seem complicated for most people, but with this guide you will no longer have a reason to worry. You'll find the benefits of AWS Cloud and the services that make up the platform, alongside six chapters on experience in designing large-scale distribution systems, an overview of global AWS infrastructure and network technologies, and much more. Still not convinced? You can find even more: included in this guide, there are practical questions for each chapter with specific exam questions, essential to gain awareness of your preparation. What better way to combine practice and theory? Study, practice, review! The AWS Certified Solutions Architect Certification Kit includes the AWS Certified Solutions Architect Study Guide and AWS Certified Solutions Architect Practice Tests book. Both books work in tandem to prepare you for exam day. The Study Guide comes with two custom practice tests, PLUS the Practice Tests book provides five

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additional, unique practice tests, all covering the five AWS Certified Solutions Architect Associate Exam objective domains—Designing Resilient Architectures, Defining Performant Architectures, Specifying Secure Applications and Architectures, Designing Cost-Optimized Architectures, Defining Operationally—as well as one additional practice exam, for a total of 1,000 practice test questions. Plus, the accompanying interactive online learning environment and test bank makes it easier for you to study on the go, whenever and where you want! • Assessment test and chapter tests • Practice exam questions • Hundreds of electronic flashcards • PDF of the Glossary of Terms If you're looking to take the AWS Certified Solutions Architect Associate exam, this kit is what you need for comprehensive content and robust study tools that will help you gain an edge on exam day.

Preparing for the AWS Certified Solutions Architect exam? Assess your exam readiness with these Practice Tests to maximize your chance of passing your AWS certification exam first time. Fully updated to reflect the latest SAA-C02 exam, these 6 sets of Practice Tests will prepare you thoroughly for the real exam so that you get to ace your exam with confidence. Presented with and without answers so you can study or simulate an exam. There are 6 practice exams with 65 questions each, covering all domains of the latest AWS exam blueprint (SAA-

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C02). Each set of practice exams reflects the difficulty of the real AWS exam. With these Practice Tests, you'll know when you are ready to ace your AWS Solutions Architect exam! The exam covers a broad set of technologies and it's vital to ensure you are armed with the knowledge to answer whatever question comes up in your certification exam. We recommend reviewing these practice questions until you're confident in all areas and ready to achieve a great score! Here's how this popular exam prep tool will shortcut your study time: **ALWAYS UP TO DATE:** These practice questions reflect the latest SAA-C02 exam blueprint and are regularly updated - based on recent student feedback from the real exam. **GAIN THE EDGE ON EXAM DAY:** These practice tests are patterned to reflect the difficulty of the real AWS exam and use the question format of the AWS certification exam. **PREMIUM-QUALITY:** These practice questions are free from typos and technical errors which makes your learning experience much more pleasant. **DETAILED EXPLANATIONS FOR ALL ANSWERS:** Every question includes a detailed explanation that explains why each answer is correct or incorrect, supporting your understanding of AWS Services which is key to passing the exam. These AWS Practice Tests have been created to help you to gain a competitive advantage and ensure that you pass your AWS Certified Solutions Architect certification

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exam first attempt with confidence. 2020 BONUS MATERIAL Get FREE access to the Online Exam Simulator from Digital Cloud Training with over 500 UNIQUE Practice Questions to simulate the real exam. The full-length Practice Tests is timed and scored (passing score is 72%) mimicking the real exam environment so you get familiar with the actual AWS exam format. Every question includes deep-dive reference links and detailed explanations that explain why each answer is correct or incorrect. Get prepared for the AWS Certified Security Specialty certification with this excellent resource By earning the AWS Certified Security Specialty certification, IT professionals can gain valuable recognition as cloud security experts. The AWS Certified Security Study Guide: Specialty (SCS-C01) Exam helps cloud security practitioners prepare for success on the certification exam. It's also an excellent reference for professionals, covering security best practices and the implementation of security features for clients or employers. Architects and engineers with knowledge of cloud computing architectures will find significant value in this book, which offers guidance on primary security threats and defense principles. Amazon Web Services security controls and tools are explained through real-world scenarios. These examples demonstrate how professionals can design, build, and operate secure cloud environments that run modern applications.

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The study guide serves as a primary source for those who are ready to apply their skills and seek certification. It addresses how cybersecurity can be improved using the AWS cloud and its native security services. Readers will benefit from detailed coverage of AWS Certified Security Specialty Exam topics. Covers all AWS Certified Security Specialty exam topics Explains AWS cybersecurity techniques and incident response Covers logging and monitoring using the Amazon cloud Examines infrastructure security Describes access management and data protection With a single study resource, you can learn how to enhance security through the automation, troubleshooting, and development integration capabilities available with cloud computing. You will also discover services and tools to develop security plans that work in sync with cloud adoption.

Validate your AWS skills. This is your opportunity to take the next step in your career by expanding and validating your skills on the AWS cloud. AWS has been the frontrunner in cloud computing products and services, and the AWS Certified Solutions Architect Official Study Guide for the Associate exam will get you fully prepared through expert content, and real-world knowledge, key exam essentials, chapter review questions, access to Sybex's interactive online learning environment, and much more. This official study guide, written by AWS

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experts, covers exam concepts, and provides key review on exam topics, including: Mapping Multi-Tier Architectures to AWS Services, such as web/app servers, firewalls, caches and load balancers
Understanding managed RDBMS through AWS RDS (MySQL, Oracle, SQL Server, Postgres, Aurora)
Understanding Loose Coupling and Stateless Systems
Comparing Different Consistency Models in AWS Services
Understanding how AWS CloudFront can make your application more cost efficient, faster and secure
Implementing Route tables, Access Control Lists, Firewalls, NAT, and DNS
Applying AWS Security Features along with traditional Information and Application Security
Using Compute, Networking, Storage, and Database AWS services
Architecting Large Scale Distributed Systems
Understanding of Elasticity and Scalability Concepts
Understanding of Network Technologies Relating to AWS
Deploying and Managing Services with tools such as CloudFormation, OpsWorks and Elastic Beanstalk. Learn from the AWS subject-matter experts, review with proven study tools, and apply real-world scenarios. If you are looking to take the AWS Certified Solutions Architect Associate exam, this guide is what you need for comprehensive content and robust study tools that will help you gain the edge on exam day and throughout your career. An effective guide to becoming an AWS Certified Developer About This Book This fast-paced guide

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will help you clear the exam with confidence Learn to design, develop, and deploy cloud-based solutions using AWS Enhance your AWS skills with practice questions and mock tests Who This Book Is For This book is for IT professionals and developers looking to clear the AWS Certified Developer – Associate 2017 exam. Developers looking to develop and manage their applications on the AWS platform will also find this book useful. No prior AWS experience is needed. What You Will Learn Create and manage users, groups, and permissions using AWS Identity and Access Management services Create a secured Virtual Private Cloud (VPC) with Public and Private Subnets, Network Access Control, and Security groups Get started with Elastic Compute Cloud (EC2), launching your first EC2 instance, and working with it Handle application traffic with Elastic Load Balancing (ELB) and monitor AWS resources with CloudWatch Work with AWS storage services such as Simple Storage Service (S3), Glacier, and CloudFront Get acquainted with AWS DynamoDB – a NoSQL database service Coordinate work across distributed application components using Simple Workflow Service (SWF) In Detail AWS Certified Developer - Associate Guide starts with a quick introduction to AWS and the prerequisites to get you started. Then, this book gives you a fair understanding of core AWS services and basic architecture. Next, this book will describe about

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getting familiar with Identity and Access Management (IAM) along with Virtual private cloud (VPC). Moving ahead you will learn about Elastic Compute cloud (EC2) and handling application traffic with Elastic Load Balancing (ELB). Going ahead you we will talk about Monitoring with CloudWatch, Simple storage service (S3) and Glacier and CloudFront along with other AWS storage options. Next we will take you through AWS DynamoDB – A NoSQL Database Service, Amazon Simple Queue Service (SQS) and CloudFormation Overview. Finally, this book covers understanding Elastic Beanstalk and overview of AWS lambda. At the end of this book, we will cover enough topics, tips and tricks along with mock tests for you to be able to pass the AWS Certified Developer - Associate exam and develop as well as manage your applications on the AWS platform. Style and approach This step-by-step guide includes exercises and mock tests to clear the AWS certification exam and become a successful AWS developer.

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

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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

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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.

55% OFF for bookstores! NOW at \$ 40,95 instead of \$ 52,95! If you want to learn AWS, there's no better time than right now. There are plenty of opportunities to work or start your own company if you have AWS certification. Your Customers Never Stop to Use this Awesome Book! Amazon Web Services (AWS) Introduction to Famous Amazon Web Services is a robust cloud platform developed by Amazon's e-commerce giant. It offers software-as - a-Service (SaaS), platform-as - a-Service (PaaS), and infrastructure-as - a-Service (IaaS) services. Think about the history of the electricity supply to grasp the logic of AWS. This bundle will help you to learn,

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prepare, and practice for AWS Certified Cloud Practitioner (CLF-C01) exam and AWS Certified Solutions Architect Associate (SAA-C02) Exam. Each chapter includes review questions to thoroughly test your understanding of the services you've seen. I've designed the questions to help you realistically gauge your understanding and readiness for the exam. Although the difficulty level will vary between questions, you can be sure there's no "fluff". Once you complete a chapter's assessment, refer to "answer to review questions" for the correct answers and detailed explanations

Bundle consist of the following:

- Book 1: AWS CERTIFIED CLOUD PRACTITIONER STUDY GUIDE - Cloud Concepts; - Security; - Technology; - Billing and pricing; - AWS Services.
- Book 2: AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE STUDY GUIDE - Networking - Content delivery - Databases - Application integration - AWS security, identity & compliance And Much More! ?

If you are interested in mastering AWS services and Cloud concepts, this book is perfect for you! Buy it NOW and let your customers get addicted to this amazing book

The Only Official Google Cloud Study Guide The Official Google Cloud Certified Associate Cloud Engineer Study Guide, provides everything you need to prepare for this important exam and master the skills necessary to land that coveted Google Cloud Engineering certification. Beginning with a pre-book

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assessment quiz to evaluate what you know before you begin, each chapter features exam objectives and review questions, plus the online learning environment includes additional complete practice tests. Written by Dan Sullivan, a popular and experienced online course author for machine learning, big data, and Cloud topics, Official Google Cloud Certified Associate Cloud Engineer Study Guide is your ace in the hole for deploying and managing Google Cloud Services. • Select the right Google service from the various choices based on the application to be built • Compute with Cloud VMs and managing VMs • Plan and deploying storage • Network and configure access and security Google Cloud Platform is a leading public cloud that provides its users to many of the same software, hardware, and networking infrastructure used to power Google services. Businesses, organizations, and individuals can launch servers in minutes, store petabytes of data, and implement global virtual clouds with the Google Cloud Platform. Certified Associate Cloud Engineers have demonstrated the knowledge and skills needed to deploy and operate infrastructure, services, and networks in the Google Cloud. This exam guide is designed to help you understand the Google Cloud Platform in depth so that you can meet the needs of those operating resources in the Google Cloud.

1,000 practice questions with answers and

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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.

The demand for AWS certified professionals in the IT industry is increasing day by day. Getting the AWS Solutions Architect certification and having enough knowledge to take up the job can surely place a hefty six-figure paycheck in your hands every month. This is the latest AWS Certified Solutions Architect Associate's exam preparation book based on the AWS SAA-C02 version. This book is designed for individuals who are preparing for the AWS Certified Solution Architect examination and who already

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have completed AWS SAA training and ready to take the exam. I created this small preparation book to prepare before you take your first AWS SAA level exam. To better prepare you for the exam itself, I created chapters and content in such a way that specifically target the AWS SAA-C02 exam questions and that will help you remember all the key concepts for the exam. This book consists of the following chapters: Introduction Storage Database Compute Multi-Tier Applications Security Practices VPC Security NAT Elasticity & Scalability Encryption Performance Network Architectures Other services AWS Certification Exam Taking Strategy 2020-21 These chapters also include use-case scenarios and architectural diagrams. Plus, I have also shared the Solutions Architect Certification Exam taking strategy at the end of this book for free. This will give you more confidence before going into the actual test because this book will help you understand the core concepts being questioned during the test. So don't miss the opportunity to become a Certified AWS Solutions Architect. If you learn this new approach to the AWS Solution Architect exam, you will surely be able to crack the AWS SAA-C02 exam.

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

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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.

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

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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

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SysOps Administrator Labs with 6 unique lab modules based on the book.

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.

Master the intricacies of Amazon Web Services and efficiently prepare for the SAA-C02 Exam with this comprehensive study guide AWS Certified Solutions Study Guide: Associate (SAA-C02) Exam, Third Edition comprehensively and efficiently prepares you for the SAA-C02 Exam. The study guide contains robust and effective study tools that will help you succeed on the exam. The guide grants you access to the regularly updated Sybex online learning environment and test bank, which contains hundreds of test questions, bonus practice exams, electronic

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flashcards, and a glossary of key terms. In this study guide, accomplished and experienced authors Ben Piper and David Clinton show you how to: Design resilient architectures Create high-performing architectures Craft secure applications and architectures Design cost-optimized architectures Perfect for anyone who hopes to begin a new career as an Amazon Web Services cloud professional, the study guide also belongs on the bookshelf of any existing AWS professional who wants to brush up on the fundamentals of their profession.

A surprisingly simple way for students to master any subject--based on one of the world's most popular online courses and the bestselling book *A Mind for Numbers* *A Mind for Numbers* and its wildly popular online companion course "Learning How to Learn" have empowered more than two million learners of all ages from around the world to master subjects that they once struggled with. Fans often wish they'd discovered these learning strategies earlier and ask how they can help their kids master these skills as well. Now in this new book for kids and teens, the authors reveal how to make the most of time spent studying. We all have the tools to learn what might not seem to come naturally to us at first--the secret is to understand how the brain works so we can unlock its power. This book explains:

- Why sometimes letting your mind wander is an important part of the learning process
- How to avoid "rut

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think" in order to think outside the box • Why having a poor memory can be a good thing • The value of metaphors in developing understanding • A simple, yet powerful, way to stop procrastinating Filled with illustrations, application questions, and exercises, this book makes learning easy and fun.

With one of the highest paid AWS Certification in the world, grow your career and earn a lot of money!

This dynamic preparation tool for your AWS Certified Solutions Architect exam is your number one

assistant. Written by a team of 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. The AWS

Certified Solutions Architect Associate (SAA-C02)

Study Guide is your comprehensive and fully

updated resource to the highly valued certification

exam in IT and cloud computing. The indispensable book is written to be easy to understand while giving you deep technical knowledge of the AWS cloud.

The Study Guide 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 a complete and thorough treatment of all topics

included in the exam, beginning with discussing what the AWS cloud is and its basic global infrastructure

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and architectural principles. Other chapters dive into the technical, exploring core characteristics of deploying and operating in the AWS Cloud Platform and basic security and compliance aspects and the shared security model. Perfect for anyone who hopes to begin a new career as an Amazon Web Services cloud professional, the study guide also belongs on the bookshelf of any existing AWS professional who wants to brush up on the fundamentals of their profession. Now is the time to get your head in the AWS cloud!

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. This effective study guide provides 100% coverage of every topic on the 2019 version of the AWS Certified Solutions Architect Professional exam This integrated self-study system enables readers to take the current edition of the industry-leading AWS Certified Solutions Architect Professional exam with complete confidence. Written by an enterprise solutions architect, the book offers exam-focused coverage of computing strategies and management systems in cloud-based environments. Beyond exam preparation, the book also serves as a valuable on-the-job reference. AWS Certified Solutions Architect Professional All-in-One Exam Guide features learning objectives at the beginning of each chapter,

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exam tips, practice questions, and in-depth explanations. All questions closely match those on the live test in tone, format, and content. You will get implementation tips, real-world examples, case studies, and best practices drawn from author's experience.

- Explains every objective for the AWS Certified Solutions Architect Professional exam
- Online content includes 140+ accurate practice questions in the Total Tester exam engine
- Written by an AWS enterprise solutions architect and regular conference speaker

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,

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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. This up-to-date study guide offers 100% coverage of every objective for the current version of the AWS Certified Solutions Architect Professional exam Get

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complete coverage of all objectives included on the SAA-C02 exam from this comprehensive resource. Written by an expert AWS Solutions Architect and well-respected author, this authoritative guide fully addresses the knowledge and skills required for passing the AWS Certified Solutions Architect – Associate exam. You'll find learning objectives at the beginning of each chapter, exam tips, practice exam questions, and in-depth explanations. You'll also build your practical knowledge with the many hands-on labs found throughout this guide. Designed to help you pass the exam with ease, this definitive volume also serves as an essential on-the-job reference. Covers all exam domains, including: Design Resilient Architectures Design High-Performing Architectures Design Secure Applications and Architectures Design Cost-Optimized Architectures Online content includes: 130 practice exam questions Test engine that provides practice exams or quizzes that can be customized by chapter or exam objective Sybex's proven Study Guide format teaches Google Cloud Architect job skills and prepares you for this important new Cloud exam. The Google Cloud Certified Professional Cloud Architect Study Guide is the essential resource for anyone preparing for this highly sought-after, professional-level certification. Clear and accurate chapters cover 100% of exam objectives—helping you gain the knowledge and

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confidence to succeed on exam day. A pre-book assessment quiz helps you evaluate your skills, while chapter review questions emphasize critical points of learning. Detailed explanations of crucial topics include analyzing and defining technical and business processes, migration planning, and designing storage systems, networks, and compute resources. Written by Dan Sullivan—a well-known author and software architect specializing in analytics, machine learning, and cloud computing—this invaluable study guide includes access to the Sybex interactive online learning environment, which includes complete practice tests, electronic flash cards, a searchable glossary, and more. Providing services suitable for a wide range of applications, particularly in high-growth areas of analytics and machine learning, Google Cloud is rapidly gaining market share in the cloud computing world. Organizations are seeking certified IT professionals with the ability to deploy and operate infrastructure, services, and networks in the Google Cloud. Take your career to the next level by validating your skills and earning certification. Design and plan cloud solution architecture Manage and provision cloud infrastructure Ensure legal compliance and security standards Understand options for implementing hybrid clouds Develop solutions that meet reliability, business, and technical requirements The Google Cloud Certified

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Professional Cloud Architect Study Guide is a must-have for IT professionals preparing for certification to deploy and manage Google cloud services.

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

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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

Developed this book based on my experience of passing the exam with 905 score and developing cloud solution for my clients for more than five years.Latest as per new SAA-C02 exam objectives. Comprehensive coverage of relevant AWS services with One Thousand One Hundred (1100+) Practice QuestionsExam Day simulated experience with 2 practice exams.Structured, the questions in every chapter have been structured with the

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intention to strengthen your AWS knowledge and develop the ability to tackle questions similar to in the exam. Book chapters are aligned to AWS service categories, which will help you during your preparation stage to go to relevant section as per your study plan. Detailed explanation of Answers with reference to AWS user documentation, Blogs, Knowledge Center, Whitepaper. Easy Navigation for kindle edition between Questions & Answers with Answers having embedded hyperlinks to relevant AWS documentations.

COVERS THE NEW 2018 EXAM SAA-C01! This effective study guide provides 100% coverage of every topic on the AWS Certified Solutions Architect Associate exam. Get complete coverage of all objectives included on the February 2018 SAA-C01 exam from this comprehensive resource. Written by an expert AWS Solutions Architect and well-respected author, this authoritative guide fully addresses the knowledge and skills required for passing the AWS Certified Solutions Architect Associate exam. You'll find learning objectives at the beginning of each chapter, exam tips, practice exam questions, and in-depth explanations. Designed to help you pass the exam with ease, this definitive volume also serves as an essential on-the-job reference. Covers all exam domains, including:

- Design Resilient Architectures
- Define Performant Architectures
- Specify Secure Applications and Architectures
- Design Cost-Optimized Architectures
- Define Operationally Excellent Architectures

Digital content includes:

- 130 practice exam questions
- Test engine that provides practice exams or quizzes that can be customized by chapter or

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exam objective

Validate your AWS skills. This is your opportunity to take the next step in your career by expanding and validating your skills on the AWS cloud. AWS has been the frontrunner in cloud computing products and services, and the AWS Certified Solutions Architect Official Study Guide for the Associate exam will get you fully prepared through expert content, and real-world knowledge, key exam essentials, chapter review questions, access to Sybex's interactive online learning environment, and much more. This official study guide, written by AWS experts, covers exam concepts, and provides key review on exam topics, including:

- Mapping Multi-Tier Architectures to AWS Services, such as web/app servers, firewalls, caches and load balancers
- Understanding managed RDBMS through AWS RDS (MySQL, Oracle, SQL Server, Postgres, Aurora)
- Understanding Loose Coupling and Stateless Systems
- Comparing Different Consistency Models in AWS Services
- Understanding how AWS CloudFront can make your application more cost efficient, faster and secure
- Implementing Route tables, Access Control Lists, Firewalls, NAT, and DNS
- Applying AWS Security Features along with traditional Information and Application Security
- Using Compute, Networking, Storage, and Database AWS services
- Architecting Large Scale Distributed Systems
- Understanding of Elasticity and Scalability Concepts
- Understanding of Network Technologies
- Relating to AWS
- Deploying and Managing Services with tools such as CloudFormation, OpsWorks and Elastic Beanstalk.

Learn from the AWS subject-

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matter experts, review with proven study tools, and apply real-world scenarios. If you are looking to take the AWS Certified Solutions Architect Associate exam, this guide is what you need for comprehensive content and robust study tools that will help you gain the edge on exam day and throughout your career.

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

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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.

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

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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. 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 Solutions Architect Study Guide to give you the same experience working in these labs as you prepare for the Certified Solutions Architect 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 Solutions Architect.

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This is your opportunity to take the next step in your career by expanding and validating your skills on the AWS Cloud. AWS has been the frontrunner in cloud computing products and services, and the UPDATED AWS Certified Solutions Architect Study Guide, Third Edition, for the Associate SAA-C02 Exam will get you fully prepared. This study guide covers exam concepts, and provides key review of exam topics, including:

- Designing resilient architectures
- Designing high-performing architectures
- Designing secure applications and architectures
- Designing cost-optimized architectures

If you are looking to take the AWS Certified Solutions Architect Associate exam, this guide is what you need for comprehensive content and robust study tools that will help you gain the edge on exam day and throughout your career. Readers will have access to Sybex's superior online interactive learning environment and test bank, including hundreds of test questions, practice exams, electronic flashcards, and a glossary of key terms. And included with this version of the book, XtremeLabs virtual labs that run from your browser. The registration code is included with the book and gives you 6 months of unlimited access to XtremeLabs AWS Certified Solutions Architect Labs with 12 unique lab modules based on the book.

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