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#### AWS CERTIFIED SOLUTIONS ARCHITECT OFFICIAL STUDY GUIDE

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##### ASSOCIATE EXAM

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[John Wiley & Sons](#) **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-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.**

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#### AWS CERTIFIED SOLUTIONS ARCHITECT - ASSOCIATE GUIDE

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##### THE ULTIMATE EXAM GUIDE TO AWS SOLUTIONS ARCHITECT CERTIFICATION

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[Packt Publishing Ltd](#) **Learn from the AWS subject-matter experts, apply real-world scenarios and clear the AWS Certified Solutions Architect -Associate exam Key FeaturesBuild highly reliable and scalable workloads on the AWS platformPass the exam in less time and with confidenceGet up and running with building and managing applications on the AWS platformBook 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 learnExplore AWS terminology and identity and access managementAcquaint yourself with important cloud services and features in categories such as compute, network, storage, and databasesDefine access control to secure AWS resources and set up efficient monitoringBack up your database and ensure high availability by understanding all of the database-related services in the AWS CloudIntegrate AWS with your applications to meet and exceed non-functional requirementsBuild and deploy cost-effective and highly available applicationsWho 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**

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#### AWS CERTIFIED SOLUTIONS ARCHITECT STUDY GUIDE

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##### ASSOCIATE SAA-C01 EXAM

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

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#### AWS CERTIFIED SOLUTIONS ARCHITECT STUDY GUIDE

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##### ASSOCIATE SAA-C02 EXAM

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[John Wiley & Sons](#) **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 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.**

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#### AWS CERTIFIED SOLUTIONS ARCHITECT - ASSOCIATE (SAA-C02) CERT GUIDE

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[Certification Guide](#) **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.**

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#### AWS SOLUTIONS ARCHITECT ASSOCIATES SAA-C03 CERTIFICATION PRACTICE TESTS AND QUIZZES ILLUSTRATED

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##### 250+ AWS SAA SAA-C02 SAA-C03 QUIZZES, PRACTICE EXAMS, CHEAT SHEETS, FLASHCARDS, I PASSED SAA TESTIMONIALS, TIPS

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[Etienne Noumen](#) **There are 3 reasons to strengthen your cloud skills: 1- Cloud roles pay well. The average base salary for a Solutions Architect in the U.S. is \$140,000. 2- Cloud skills are in demand. Cloud computing has been one of the most in-demand hard skills for 7 years running. 3- Learning cloud can get you a raise. The average raise received by IT pros who gained new skills and/or certifications is \$15 - 30K. AWS certification is globally recognized as the premier way to demonstrate your AWS cloud skills. The AWS Certified Solutions Architect - Associate Level (SAA-C03) exam validates your ability to effectively demonstrate knowledge of how to architect and deploy secure and robust applications on AWS technologies. It is a required exam for the AWS Certified Solutions Architect - Professional Level certification. In order to prepare for this exam, We suggest purchasing our AWS Certified Solutions Architect - Associate Level Exam Preparation eBook. This AWS Cloud Solutions Architect Associates Certification App covers all of the key concepts you need to know for the AWS Solutions Architect Associate Exam. Solution architecture is a practice of defining and describing an architecture of a system delivered in context of a specific solution and as such it may encompass description of an entire system or only its specific parts. Definition of a solution architecture is typically led by a solution architect. The AWS**

**Certified Solutions Architect - Associate (SAA, SAA-C03) exam** is intended for individuals who perform in a solutions architect role. The exam validates a candidate's ability to use AWS technologies to design solutions based on the AWS Well-Architected Framework including: Design solutions that incorporate AWS services to meet current business requirements and future projected needs Design architectures that are secure, resilient, high-performing, and cost-optimized Review existing solutions and determine improvements Become stronger in your current role or prepare to step into a new one by continuing to build the cloud solutions architecture skills companies are begging for right now. Demand for cloud solutions architect proficiency is only set to increase, so you can expect to see enormous ROI on any cloud learning efforts you embark on. What will you learn in this book? Design Secure Architectures Design Resilient Architectures Design High-Performing Architectures Design Cost-Optimized Architectures What are the requirements or prerequisites for reading this book? The target candidate should have at least 1 year of hands-on experience designing cloud solutions that use AWS services Who is this book for? IT Professionals, Solutions Architect, Cloud enthusiasts, Computer Science and Engineering Students, AWS Cloud Developer, Technology Manager and Executives, IT Project Managers What is taught in this book? AWS Certification Preparation for Solutions Architecture - Associate Level Key tools, technologies, and concepts covered • Compute • Cost management • Database • Disaster recovery • High performance • Management and governance • Microservices and component decoupling • Migration and data transfer • Networking, connectivity, and content delivery • Resiliency • Security • Serverless and event-driven design principles • Storage Some New AWS services covered: AWS Data Exchange, AWS Data Pipeline, AWS Lake Formation, Amazon Managed Streaming for Apache Kafka, Amazon AppFlow, AWS Outposts, VMware Cloud on AWS, AWS Wavelength, Amazon Neptune, Amazon Quantum Ledger Database, Amazon Timestream, AWS Amplify, Amazon Comprehend, Amazon Forecast, Amazon Fraud Detector, Amazon Kendra, AWS License Manager, Amazon Managed Grafana, Amazon Managed Service for Prometheus, AWS Proton, Amazon Elastic Transcoder, Amazon Kinesis Video Streams, AWS Application Discovery Service, AWS WAF Serverless, AWS AppSync, etc. Mobile App Version of the AWS Solutions Architect Associate SAA-C03 Certification Exam Prep Book: Android: <https://play.google.com/store/apps/details?id=com.awssolutionarchitectassociateexamprepro.app> iOS: <https://apps.apple.com/ca/app/solution-architect-assoc-pro/id1501465417> Windows 10/11: <https://www.microsoft.com/en-ca/store/p/aws-cert-solution-architect-associate-prep-pro/9pcn58wdr1qr> #AWS #SAAC02 #SAAC03 #AWSSAA #SAA #AWSCertification #AWSTraining #LearnAWS #CloudArchitect #SolutionsArchitect #Djamgatech --

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## PRAGMATIC AI

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### AN INTRODUCTION TO CLOUD-BASED MACHINE LEARNING

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**Addison-Wesley Professional Master Powerful Off-the-Shelf Business Solutions for AI and Machine Learning Pragmatic AI** will help you solve real-world problems with contemporary machine learning, artificial intelligence, and cloud computing tools. Noah Gift demystifies all the concepts and tools you need to get results—even if you don't have a strong background in math or data science. Gift illuminates powerful off-the-shelf cloud offerings from Amazon, Google, and Microsoft, and demonstrates proven techniques using the Python data science ecosystem. His workflows and examples help you streamline and simplify every step, from deployment to production, and build exceptionally scalable solutions. As you learn how machine language (ML) solutions work, you'll gain a more intuitive understanding of what you can achieve with them and how to maximize their value. Building on these fundamentals, you'll walk step-by-step through building cloud-based AI/ML applications to address realistic issues in sports marketing, project management, product pricing, real estate, and beyond. Whether you're a business professional, decision-maker, student, or programmer, Gift's expert guidance and wide-ranging case studies will prepare you to solve data science problems in virtually any environment. Get and configure all the tools you'll need Quickly review all the Python you need to start building machine learning applications Master the AI and ML toolchain and project lifecycle Work with Python data science tools such as IPython, Pandas, Numpy, Jupyter Notebook, and Sklearn Incorporate a pragmatic feedback loop that continually improves the efficiency of your workflows and systems Develop cloud AI solutions with Google Cloud Platform, including TPU, Colaboratory, and Datalab services Define Amazon Web Services cloud AI workflows, including spot instances, code pipelines, boto, and more Work with Microsoft Azure AI APIs Walk through building six real-world AI applications, from start to finish Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details.

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### AWS CERTIFIED SOLUTIONS ARCHITECT OFFICAL STUDY GUIDE

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#### ASSOCIATE EXAM

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#### AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE (SAA-C02):

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#### THE MOST COMPREHENSIVE AND UP-TO-DATE STUDY GUIDE FOR THE AWS SOLUTION ARCHITECT ASSOCIATE CERTIFICATION AVAILABLE TODAY

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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 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!

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#### AWS CERTIFIED SOLUTIONS ARCHITECT PRACTICE TESTS

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#### ASSOCIATE SAA-C01 EXAM

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**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.

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#### AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE PRACTICE TESTS

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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-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 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.

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#### AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE ALL-IN-ONE EXAM GUIDE, SECOND EDITION (EXAM SAA-C02)

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**McGraw-Hill Education 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 up-to-date study guide offers 100% coverage of every objective for the current version of the AWS Certified Solutions Architect Professional exam Take the new release of the industry-leading AWS Certified Solutions Architect Associate exam with confidence using the comprehensive information contained in this fully updated self-study resource. Written by an enterprise solutions architect, the book offers exam-focused coverage of AWS architecture and application design and core services. Beyond exam preparation, the guide also serves as a valuable on-the-job reference. AWS Certified Solutions Architect Associate All-in-One Exam Guide, Second Edition (Exam SAA-C02) is based on a proven pedagogy and features special elements that teach and reinforce practical skills. The book contains accurate practice questions and detailed explanations. You will get implementation tips, hands-on examples, case studies, and best practices drawn from the author's experience. Covers 100% of new exam content, demonstrated through real-world scenarios Online content includes 130 practice questions in the Total Tester exam engine Written by an AWS enterprise solutions architect and regular conference speaker

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#### MICROSOFT AZURE ARCHITECT TECHNOLOGIES AND DESIGN COMPLETE STUDY GUIDE

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## EXAMS AZ-303 AND AZ-304

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[John Wiley & Sons](#) Become a proficient Microsoft Azure solutions architect Azure certifications are critical to the millions of IT professionals Microsoft has certified as MCSE and MCSA in Windows Server in the last 20 years. All of these professionals need to certify in key Azure exams to stay current and advance in their careers. Exams AZ-303 and AZ-304 are the key solutions architect exams that experienced Windows professionals will find most useful at the intermediate and advanced points of their careers. Microsoft Azure Architect Technologies and Design Complete Study Guide Exams AZ-303 and AZ-304 covers the two critical Microsoft Azure exams that intermediate and advanced Microsoft IT professionals will need to show proficiency as their organizations move to the Azure cloud. • Understand Azure • Set up your Microsoft Cloud network • Solve real-world problems • Get the confidence to pass the exam By learning all of these things plus using the Study Guide review questions and practice exams, the reader will be ready to take the exam and perform the job with confidence.

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## AWS CERTIFIED SOLUTIONS ARCHITECT STUDY GUIDE

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### ASSOCIATE (SAA-C03) EXAM

[John Wiley & Sons](#) Master Amazon Web Services solution delivery and efficiently prepare for the AWS Certified SAA-C03 Exam with this all-in-one study guide The AWS Certified Solutions Architect Study Guide: Associate (SAA-C03) Exam, 4th Edition comprehensively and effectively prepares you for the challenging SAA-C03 Exam. This Study Guide contains efficient and accurate study tools that will help you succeed on the exam. It offers access to the Sybex online learning environment and test bank, containing hundreds of test questions, bonus practice exams, a glossary of key terms, and electronic flashcards. In this complete and authoritative exam prep blueprint, Ben Piper and David Clinton show you how to: Design resilient AWS architectures Create high-performing solutions Craft secure applications and architectures Design inexpensive and cost-optimized architectures An essential resource for anyone trying to start a new career as an Amazon Web Services cloud solutions architect, the AWS Certified Solutions Architect Study Guide: Associate (SAA-C03) Exam, 4th Edition will also prove invaluable to currently practicing AWS professionals looking to brush up on the fundamentals of their work.

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## BECOMING A SALESFORCE CERTIFIED TECHNICAL ARCHITECT

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### PREPARE FOR THE REVIEW BOARD BY PRACTICING EXAMPLE-LED ARCHITECTURAL STRATEGIES AND BEST PRACTICES

[Packt Publishing Ltd](#) Design and build high-performance, secure, and scalable Salesforce solutions to meet business demands and gain practical experience using real-world scenarios by creating engaging end-to-end solution presentations Key Features • Learn common integration, data migration, and security patterns for designing scalable and reliable solutions on the Salesforce Lightning platform • Build an end-to-end delivery framework pipeline for delivering successful projects within specified timelines • Gain access to an exclusive book club of skilled Salesforce professionals, to discuss ideas, best practices, and share experiences of designing modern solutions using Salesforce Book Description Salesforce Certified Technical Architect (CTA) is the ultimate certification to validate your knowledge and skills when it comes to designing and building high-performance technical solutions on the Salesforce platform. The CTA certificate is granted after successfully passing the CTA review board exam, which tests your platform expertise and soft skills for communicating your solutions and vision. You'll start with the core concepts that every architect should master, including data lifecycle, integration, and security, and build your aptitude for creating high-level technical solutions. Using real-world examples, you'll explore essential topics such as selecting systems or components for your solutions, designing scalable and secure Salesforce architecture, and planning the development lifecycle and deployments. Finally, you'll work on two full mock scenarios that simulate the review board exam, helping you learn how to identify requirements, create a draft solution, and combine all the elements together to create an engaging story to present in front of the board or to a client in real life. By the end of this Salesforce book, you'll have gained the knowledge and skills required to pass the review board exam and implement architectural best practices and strategies in your day-to-day work. What you will learn • Explore data lifecycle management and apply it effectively in the Salesforce ecosystem • Design appropriate enterprise integration interfaces to build your connected solution • Understand the essential concepts of identity and access management • Develop scalable Salesforce data and system architecture • Design the project environment and release strategy for your solution • Articulate the benefits, limitations, and design considerations relating to your solution • Discover tips, tricks, and strategies to prepare for the Salesforce CTA review board exam Who this book is for This book is for Salesforce architects who want to become certified technical architects by learning how to design secure and scalable technical solutions for their organizations. A solid understanding of the Salesforce platform is required, ideally combined with 3 to 5 years of practical experience as an application architect, system architect, enterprise architect, or solution architect. Table of Contents • Starting Your Journey as a CTA • Core Architectural Concepts - Data • Core Architectural Concepts - Integration and Cryptography • Core Architectural Concepts - Identity and Access Management • Developing a Scalable System Architecture • Formulating a Secure Architecture in Salesforce • Designing a Scalable Salesforce Data Architecture • Creating a Lean Solution Architecture • Forging an Integrated Solution • Development Life Cycle and Deployment Planning • Communicating and Socialising Your Solution • Practice the Review Board - First Mock (N.B. Please use the Look Inside option to see further chapters)

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## AWS CERTIFIED SOLUTIONS ARCHITECT (ASSOCIATE)

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Six and a half Hours of Video Instruction More than six hours of video instruction covering the knowledge necessary to pass the AWS Solutions Architect Associate certification exam, including an in-depth review of AWS architecture principles and best practices, and technical details pertaining to the implementation of services in accordance with the Well Architected Framework as published by Amazon Web Services. The AWS Certified Solutions Architect Associate Complete Video Course was developed specifically for the latest edition of the exam released in February of 2018. The AWS Solutions Architect Associate certification is ideal for anyone in a solutions architect or similar technical role, and this course is designed to help you pass the AWS Certified Solutions Architect Associate exam. We will cover all the key areas addressed in the exam and review a number of use cases designed to help you ingrain the principles and practices on which this certification is based so that you have an intellectual framework with which to formulate the correct answers. We will use a combination of demonstrations, architectural diagram walkthroughs, and case studies to help you understand the tools available to you for passing the exam. Throughout this course you will gain a deeper understanding of AWS architecture following the five pillars of the Well-architected framework. Demonstrations of Amazon Web Services and third-party cloud solutions are included to provide a clear guide to understanding the services offered by Amazon Web Services and the needs those services meet. Quizzes are also offered to help viewers gauge their ability to understand and retain the information presented. Topics include: Lesson 1: Solutions Architect Associate Certification Lesson 2: High Availability Lesson 3: Network Topology Lesson 4: Application Design Lesson 5: Network Performance Lesson 6: Compute Performance Lesson 7: Storage Performance Lesson 8: Database Performance Lesson 9: Leveraging Managed Services Lesson 10: Identity and Access Management Lesson 11: Detection Lesson 12: Securing Infrastructure Lesson 13: Securing Data Lesson 14: Cost Optimization Lesson 15: Operational Excellence About the Instructor Richard A. Jones is a certified AWS Solution Architect and an experienced instructor having taught the IT teams of numerous Fortune 500s and postgraduate students at the University of Colorado. Programming since age 10, Richard has spent more than 25 years furthering...

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## AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE TRAINING NOTES 2019

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### FAST-TRACK YOUR EXAM SUCCESS WITH THE ULTIMATE CHEAT SHEET FOR THE SAA-C01 EXAM

[Independently Published](#) The information in this AWS Certification ebook relates to the latest version of the Amazon Web Services (AWS) Certified Solutions Architect Associate (SAA-C01) exam that was released in February 2018. An updated version of the book is released each month to ensure the content is up-to-date. The SAA-C01 exam covers a broad set of AWS services and the aim of this AWS Solutions Architect Associate study guide is to provide a detailed list of the facts you need to know before you sit the exam. This will shortcut your study time and maximize your chance of passing the exam first time. The architect certifications, including the AWS Certified Solutions Architect - Associate certification, are extremely valuable in the Cloud Computing industry today. Preparing to answer the associate level scenario-based questions requires a significant commitment in time and effort. AWS Solutions Architect and successful instructor, Neal Davis, has consolidated the information you need to be successful from numerous training sources and AWS FAQ pages. Master the details of the AWS Cloud so you can achieve exam success. In addition to the book, you are provided with access to a 65-question practice exam on an interactive exam simulator to evaluate your progress and ensure you're prepared for the style and difficulty of the real AWS exam. This book can help you prepare for your exam in the following ways: - Deep dive into the SAA-C01 exam objectives with over 240 pages of detailed facts, tables, and diagrams - everything you need to know! - Familiarize yourself with the exam question format with the practice questions included in each section - Use our online exam simulator to evaluate progress and ensure you're ready for the real AWS exam We hope you get great value from this AWS Training resource and wish you the best of luck with your AWS Certified Solutions Architect Associate exam.

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## AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE - ESSENTIAL EXAM TRAINING

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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 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.

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## AWS CERTIFIED SOLUTIONS ARCHITECT - ASSOCIATE (SAA-C02)

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6+ Hours of Video Instruction Overview The AWS Certified Solutions Architect - Associate (SAA-C02) Complete Video Course is designed to provide users with more than 6 hours of

instruction with the goal of fully preparing them for all aspects of the exam. The course walks through the exam objective coverage in a way that is easy to digest, apply in the workplace, and implement for the exam. The course instructor, Chad Smith, is an experienced and certified architect with a focus on AWS. The course provides walk-throughs of the exam objectives as well as best strategies and demonstrations for optimal application. Each lesson ends with two sample questions, which are explained in detail for both correct and incorrect answers. The four domains of the AWS SAA-C02 exam align with Modules 2 through 5 of this course to provide the best outcome for the learner intending to take the AWS Certified Solutions Architect Associate (SAA-C02) Exam. Topics include Module 1: AWS Certified Solutions Architect Overview Module 2: Design Resilient Architectures Module 3: Design High-Performing Architectures Module 4: Specify Secure Applications and Architectures Module 5: Design Cost-Optimized Architectures About the Instructor Chad Smith is the principal cloud architect at Brightkey.cloud. He is a certified architect for both Amazon Web Services and Google Cloud Platform and brings a wealth of relevant experience in cloud adoption, infrastructure design, data security, and cloud operations. Chad holds current AWS certifications in Architecture (Associate and Professional), SysOps, and Security. Skill Level Intermediate to advanced Learn How To Use architectural patterns to design resilient, highly available, and decoupled infrastructures Deploy high-performance compute, network, storage, and database resources Design least-privilege access control and secure application tiers, and deploy data protection mechanisms for encryption in transit and at rest Recognize cost-effective compute, network, storage, and database implementation Pass the AWS Certified Solutions Architecture Associate SAA-C02 exam Who Should Take This Course AWS architects AWS SysOps professionals AWS security professionals AWS developers and engineers Intermediate to advanced students Course Requirements Strong understanding of the AWS ecosystem and infrastructure architecture Working knowledge of commonly used AWS services such as EC2, S3, IAM, Cloudwatch, et...

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#### AWS CERTIFIED SOLUTION ARCHITECT ASSOCIATE STUDY GUIDE & EXAM PREP

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**Black Chili** Become an AWS Certified Solution Architect - Associate! Pass exam SAA-C02 and show the world your skills in the design, implementation, management and monitoring of AWS services. Earn AWS Certification to advance your status as a cloud professional, and boost your earning potential! This study guide was created from notes and practice materials used by the author to pass the AWS SAA-C02 Exam. The AWS Solution Architect Associate exam evaluates the knowledge of candidates in the design, implementation, management, and monitoring of AWS solutions. Two years of hands-on AWS experience is recommended, as well as a solid grasp of core services, the product catalogue, AWS console and command line tools. This condensed guide is designed for busy technology professionals who have an understanding of infrastructure concepts, and a level of AWS experience equivalent to AW Cloud Practitioner, plus the hands-on skills. This book will give you the key concepts and information you need to pass SAA-C02 and become AWS certified! About the Exam The AWS Solution Architect Associate exam tests that candidates have the skills and knowledge needed to design AWS solutions, with sections in the book aligned to the high-level topics covered in the exam. The high-level skills measured in the exam: Designing Resilient Architectures Designing High-Performing Architectures Designing Secure Applications and Architectures Designing Cost-Optimized Architectures About AWS Certification Passing exam SAA-C02 earns you the AWS Certified: Solution Architect Associate certification, demonstrating your skills in the design, implementation, management, and monitoring of AWS solutions. The author has been vendor certified for over 20 years!

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#### AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE ALL-IN-ONE EXAM GUIDE (EXAM SAA-C01)

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**McGraw Hill Professional** 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 exam objective

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#### AWS CERTIFIED SOLUTIONS ARCHITECT - ASSOCIATE

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**Lulu Press, Inc** AWS Certified Solutions Architect Associate (SAA-C02) The AWS Certified Solutions Architect - Associate examination is intended for individuals who perform a solutions architect role and have one or more years of hands-on experience designing available, cost-efficient, fault-tolerant, and scalable distributed systems on AWS. Abilities Validated by the Certification Effectively demonstrate knowledge of how to architect and deploy secure and robust applications on AWS technologies Define a solution using architectural design principles based on customer requirements Provide implementation guidance based on best practices to the organization throughout the life cycle of the project Recommended Knowledge and Experience Hands-on experience using compute, networking, storage, and database AWS services Hands-on experience with AWS deployment and management services Ability to identify and define technical requirements for an AWS-based application Ability to identify which AWS services meet a given technical requirement Knowledge of recommended best practices for building secure and reliable applications on the AWS platform An understanding of the basic architectural principles of building on the AWS Cloud An understanding of the AWS global infrastructure An understanding of network technologies as they relate to AWS An understanding of security features and tools that AWS provides and how they relate to traditional services 435+ most up-to-date and unique questionnaires verified by our extensive years of experienced experts to prepare for AWS Certified Solutions Architect - Associate (SAA-C02) exam. We proud to says that, many students have easily cleared the exam with good score by practiced these questions and personal study guides. Don't hesitate!!! Please buy the book confidently because we always update the book with current level exam questions so that you can fully prepared for the actual exam.

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#### AMAZON WEB SERVICES IN ACTION

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**Simon and Schuster** Summary Amazon Web Services in Action, Second Edition is a comprehensive introduction to computing, storing, and networking in the AWS cloud. You'll find clear, relevant coverage of all the essential AWS services you to know, emphasizing best practices for security, high availability and scalability. Foreword by Ben Whaley, AWS community hero and author. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology The largest and most mature of the cloud platforms, AWS offers over 100 prebuilt services, practically limitless compute resources, bottomless secure storage, as well as top-notch automation capabilities. This book shows you how to develop, host, and manage applications on AWS. About the Book Amazon Web Services in Action, Second Edition is a comprehensive introduction to deploying web applications in the AWS cloud. You'll find clear, relevant coverage of all essential AWS services, with a focus on automation, security, high availability, and scalability. This thoroughly revised edition covers the latest additions to AWS, including serverless infrastructure with AWS Lambda, sharing data with EFS, and in-memory storage with ElastiCache. What's inside Completely revised bestseller Secure and scale distributed applications Deploy applications on AWS Design for failure to achieve high availability Automate your infrastructure About the Reader Written for mid-level developers and DevOps engineers. About the Author Andreas Wittig and Michael Wittig are software engineers and DevOps consultants focused on AWS. Together, they migrated the first bank in Germany to AWS in 2013. Table of Contents PART 1 - GETTING STARTED What is Amazon Web Services? A simple example: WordPress in five minutes PART 2 - BUILDING VIRTUAL INFRASTRUCTURE CONSISTING OF COMPUTERS AND NETWORKING Using virtual machines: EC2 Programming your infrastructure: The command-line, SDKs, and CloudFormation Automating deployment: CloudFormation, Elastic Beanstalk, and OpsWorks Securing your system: IAM, security groups, and VPC Automating operational tasks with Lambda PART 3 - STORING DATA IN THE CLOUD Storing your objects: S3 and Glacier Storing data on hard drives: EBS and instance store Sharing data volumes between machines: EFS Using a relational database service: RDS Caching data in memory: Amazon ElastiCache Programming for the NoSQL database service: DynamoDB PART 4 - ARCHITECTING ON AWS Achieving high availability: availability zones, auto-scaling, and CloudWatch Decoupling your infrastructure: Elastic Load Balancing and Simple Queue Service Designing for fault tolerance Scaling up and down: auto-scaling and CloudWatch

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#### OFFICIAL GOOGLE CLOUD CERTIFIED PROFESSIONAL CLOUD ARCHITECT STUDY GUIDE

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

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#### AWS CERTIFIED SOLUTIONS ARCHITECT STUDY GUIDE WITH ONLINE LABS

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#### ASSOCIATE (SAA-C01) EXAM

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

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

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### **AWS SOLUTION ARCHITECT TRAINING | AWS ARCHITECTURE CERTIFICATION**

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Lulu Press, Inc **AWS Database Tutorial - Relation Database Service (RDS)** is offered by amazon which is is running in the cloud that supports MySQL, Oracle, etc.

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### **AWS CERTIFIED SOLUTIONS ARCHITECT - PROFESSIONAL COMPLETE STUDY GUIDE: 100+ EXAM PRACTICE QUESTIONS**

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Independently Published **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.

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### **TOGAF® 9 CERTIFIED STUDY GUIDE**

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Van Haren **The TOGAF 9 certification program is a knowledge-based certification program. It has two levels, leading to certification for TOGAF 9 Foundation and TOGAF 9 Certified, respectively. The purpose of certification to TOGAF 9 Certified is to provide validation that, in addition to the knowledge and comprehension of TOGAF 9 Foundation level, the Candidate is able to analyze and apply this knowledge. The learning objectives at this level therefore focus on application and analysis in addition to knowledge and comprehension. This Study Guide supports students in preparation for the TOGAF 9 Part 2 Examination, leading to TOGAF 9 Certified.**

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### **SALESFORCE B2C SOLUTION ARCHITECT'S HANDBOOK**

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#### **DESIGN SCALABLE AND COHESIVE BUSINESS-TO-CONSUMER EXPERIENCES WITH SALESFORCE CUSTOMER 360**

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Packt Publishing Ltd **The ultimate handbook for new and seasoned Salesforce B2C Solution Architects who want to design seamless B2C solutions across the Salesforce Customer 360 ecosystem - including B2C Commerce, Service Cloud, and Marketing Cloud Key Features**Give your customers a frictionless experience by creating a unified view of all their interactionsGet your architectural design right the first time and avoid costly reworksPrepare for the B2C Solution Architect exam and Salesforce certification with practical scenarios following Salesforce best practicesBook Description There's a huge demand on the market for Salesforce professionals who can create a single view of the customer across the Salesforce Customer 360 platform and leverage data into actionable insights. With Salesforce B2C Solution Architect's Handbook, you'll gain a deeper understanding of the integration options and products that help you deliver value for organizations. While this book will help you prepare for the B2C Solution Architect exam, its true value lies in setting you up for success afterwards. The first few chapters will help you develop a solid understanding of the capabilities of each component in the Customer 360 ecosystem, their data models, and governance. As you progress, you'll explore the role of a B2C solution architect in planning critical requirements and implementation sequences to avoid costly reworks and unnecessary delays. You'll learn about the available options for integrating products with the Salesforce ecosystem and demonstrate best practices for data modeling across Salesforce products and beyond. Once you've mastered the core knowledge, you'll also learn about tools, techniques, and certification scenarios in preparation for the B2C Solution Architect exam. By the end of this book, you'll have the skills to design scalable, secure, and future-proof solutions supporting critical business demands. What you will learnExplore key Customer 360 products and their integration optionsChoose the optimum integration architecture to unify data and experiencesArchitect a single view of the customer to support service, marketing, and commercePlan for critical requirements, design decisions, and implementation sequences to avoid sub-optimal solutionsIntegrate Customer 360 solutions into a single-source-of-truth solution such as a master data modelSupport business needs that require functionality from more than one component by orchestrating data and user flowsWho this book is for This book is for professionals in high-level job roles that heavily rely on Salesforce proficiency. It's primarily written for B2C commerce architects, application architects, integration architects, as well as system architects, enterprise architects, Salesforce architects, and CTO teams looking to benefit from a deeper understanding of this platform. Before you get started, you'll need a solid understanding of data integration, APIs, and connected systems, along with knowledge of the fundamentals of business-to-consumer (B2C) customer experiences.

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### **AWS CERTIFIED SOLUTION ARCHITECT ASSOCIATE**

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#### **THE COMPLETE GUIDE TO THE SSA-C02 EXAM, TRAINING TO EXPAND YOUR KNOWLEDGE BEFORE EXAMS, USEFUL TIPS ON HOW TO START YOUR NEW CAREER & APPROACH A NEW JOB**

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Do you want to have complete control over all the choices and decisions regarding your data centers and cloud? Well, AWS services are the solution, and you can enjoy automated benefits without any manual intervention. If you are going to create something, which already exists over the internet, why will the clients choose you? The only goal is to focus on your data and leave everything else on AWS. They are securely stored on servers. Restricted and privileged access, data encryption, protection of personal data... Amazon is the industry leader in establishing and respecting security standards. Amazon offers attractive prices, especially for small businesses that do not have the resources to install and maintain servers on-site or even absorb the sometimes-exorbitant cost of renting dedicated servers in a conventional data center. Amazon AWS pricing remains flexible and adapts based on the services and storage volume used. However, calculating pricing is not the easiest; Amazon then offers a calculation simulator for AWS. This book covers the following topics **The New SAA-C02 Exam Version Elastic Compute Cloud (Ec2) Elastic Load Balancing and Auto Scaling Virtual Private Cloud (VPC) Application Integration AWS Certification Exam Taking Strategy And Much More!** After passing Associate level certifications, the next path is to pursue Professional certification. Plus, earning a professional-level accreditation will help you improve your career and future. If we are talking about the candidates who affirm their career in the cloud, this guide can help you cover all the basic concepts and knowledge of AWS SSA C02 exams. You must also learn the content of the exam, but this is not enough to do well on the exam. So, if you want to perform well, you need to practice and ask as many questions as possible. Obtaining AWS certification is better to become a professional and maintain a good position in the IT sector. However, this requires a specific mindset and goal. So, you have to be prepared for this. Finally, you will surely enjoy many benefits of AWS certification, and therefore help you create a bright future. Click "Buy Now!"

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### **AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE**

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#### **A COMPLETE PRACTICE EXAM TRAINING FOR SAA-C02 TO PASS THE TEXT AND GET YOUR CERTIFICATION QUICKLY**

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Do you want to pass the exam for SAA-C02? If yes, the book **AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE** is perfect for you. It is a comprehensive practice exam training to help you pass the SAA-C02 exam quickly. If you wish to be certified fast, investing in this book is the right decision. The book tackles: Elastic load balancing and auto-scaling; Amazon Route 53 and S3 CloudFront; ECS and containers; Serverless; Databases; Analytics; Data retention; VPC flow logs. And much more. With this book, you will learn about the security and compliance services, advantages of AWS security, including encryption of data and infrastructure security, as well as configuration and inventory. The good thing about this book is that it has a section of AWS certified cloud practitioner quizzes. It has sample exam questions and answers to enhance your knowledge. So, you can prepare for the real exam and get more chances to pass and get certified quickly. Pass the exam now with **AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE** book! Click **BUY NOW!**

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### **AWS CERTIFIED SOLUTION ARCHITECT ASSOCIATE**

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#### **THE COMPLETE GUIDE TO THE SSA C02 EXAM, TRAINING TO EXPAND YOUR KNOWLEDGE BEFORE EXAMS, USEFUL TIPS ON HOW TO START YOUR NEW CAREER & APPROACH A NEW JOB**

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Do you want to have complete control over all the choices and decisions regarding your data centers and cloud? Well, AWS services are the solution, and you can enjoy automated benefits without any manual intervention. If you are going to create something, which already exists over the internet, why will the clients choose you? The only goal is to focus on your data and leave everything else on AWS. They are securely stored on servers. Restricted and privileged access, data encryption, protection of personal data... Amazon is the industry leader in establishing and respecting security standards. Amazon offers attractive prices, especially for small businesses that do not have the resources to install and maintain servers on-site or even absorb the sometimes-exorbitant cost of renting dedicated servers in a conventional data center. Amazon AWS pricing remains flexible and adapts based on the services and storage volume used. However, calculating pricing is not the easiest; Amazon then offers a calculation simulator for AWS. This book covers the following topics - **The New SAA-C02 Exam Version - Elastic Compute Cloud (Ec2) - Elastic Load Balancing and Auto Scaling - Virtual Private Cloud (VPC) - Application Integration - AWS Certification Exam Taking Strategy And Much More!** After passing Associate level certifications, the next path is to pursue Professional certification. Plus, earning a professional-level accreditation will help you improve your career and future. If we are talking about the candidates who affirm their career in the cloud, this guide can help you cover all the basic concepts and knowledge of AWS SSA C02 exams. You must also learn the content of the exam, but this is not enough to do well on the exam. So, if you want to perform well, you need to practice and ask as many questions as possible. Obtaining AWS certification is better to become a professional and maintain a good position in the IT sector. However, this requires a specific mindset and goal. So, you have to be prepared for this. Finally, you will surely enjoy many benefits of AWS certification, and therefore help you create a bright future.

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## AWS CERTIFIED SOLUTIONS ARCHITECT PROFESSIONAL ALL-IN-ONE EXAM GUIDE (EXAM SAP-C01)

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**McGraw-Hill Education 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, 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

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## AWS CERTIFIED SOLUTIONS ARCHITECT - ASSOCIATE EXAM PRACTICE QUESTIONS

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### 500+ QUESTIONS

**Independently Published IPS Exam Practice Questions IP Specialists' Practice Questions** are dedicatedly designed for certification exam perspective. The collection of these questions from our technology workbooks are prepared to keep the exam blueprint in mind covering not only important but necessary topics as well. It's an ideal document to practice and revise your certification. AWS Certifications are industry-recognized credentials that validate your technical cloud skills and expertise while assisting in your career growth. These are one of the most valuable IT certifications right now since AWS has established an overwhelming lead in the public cloud market. Even with the presence of several tough competitors such as Microsoft Azure, Google Cloud Engine, and Rackspace, AWS is by far the dominant public cloud platform today, with an astounding collection of proprietary services that continue to grow.

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## AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE ALL-IN-ONE EXAM GUIDE, SECOND EDITION (EXAM SAA-C02)

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**McGraw Hill Professional** 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 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

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## AWS CERTIFIED SOLUTIONS ARCHITECT - PROFESSIONAL

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### THE DEFINITIVE STUDY GUIDE

**Notion Press, Incorporated** AWS Certified Solutions Architect - Professional is considered 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.

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## AWS CERTIFIED DEVELOPER - ASSOCIATE GUIDE

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### YOUR ONE-STOP SOLUTION TO PASS THE AWS DEVELOPER'S CERTIFICATION

**Packt Publishing Ltd** An effective guide to becoming an AWS Certified Developer About This Book This fast-paced guide 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 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.

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## AWS CERTIFIED SOLUTIONS ARCHITECT - ASSOCIATE (SAA-C01) CERT GUIDE

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**Pearson IT Certification** This is the eBook version of the print title. Note that the eBook does not provide access to the practice test software that accompanies the print book. Learn, prepare, and practice for AWS Certified Solutions Architect - Associate (SAA-C01) exam success with this Cert Guide from Pearson IT Certification, a leader in IT Certification learning. Master AWS Certified Solutions Architect - Associate (SAA-C01) exam topics Assess your knowledge with chapter-ending quizzes Review key concepts with exam preparation tasks AWS Certified Solutions Architect - Associate (SAA-C01) Cert Guide is a best-of-breed exam study guide. Best-selling author and expert instructor Anthony Sequeira shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The book presents you with an organized test-preparation routine through the use of proven series elements and techniques. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft your final study plan. Well regarded for its level of detail, assessment features, and challenging review questions and exercises, this study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The study guide helps you master all the topics on the AWS Certified Solutions Architect - Associate exam, including how to · Design resilient architectures that ensure storage high availability while providing for decoupling mechanisms, multitier infrastructure, and high availability · Define performant architectures with efficient storage and databases, caching optimizations, and improved elasticity · Specify secure applications and architectures, encompassing application tiers, data, and networking infrastructure · Design cost-optimized architectures, addressing both storage and compute · Define operationally excellent architectures, and understand their characteristics

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## AWS CERTIFIED CLOUD PRACTITIONER STUDY GUIDE WITH ONLINE LABS

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### CLF-C01 EXAM

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

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**LEARNING AWS**

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**DESIGN, BUILD, AND DEPLOY RESPONSIVE APPLICATIONS USING AWS CLOUD COMPONENTS, 2ND EDITION**

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[Packt Publishing Ltd](#) Discover techniques and tools for building serverless applications with AWS Key Features Get well-versed with building and deploying serverless APIs with microservices Learn to build distributed applications and microservices with AWS Step Functions A step-by-step guide that will get you up and running with building and managing applications on the AWS platform Book Description Amazon Web Services (AWS) is the most popular and widely-used cloud platform. Administering and deploying application on AWS makes the applications resilient and robust. The main focus of the book is to cover the basic concepts of cloud-based development followed by running solutions in AWS Cloud, which will help the solutions run at scale. This book not only guides you through the trade-offs and ideas behind efficient cloud applications, but is a comprehensive guide to getting the most out of AWS. In the first section, you will begin by looking at the key concepts of AWS, setting up your AWS account, and operating it. This guide also covers cloud service models, which will help you build highly scalable and secure applications on the AWS platform. We will then dive deep into concepts of cloud computing with S3 storage, RDS and EC2. Next, this book will walk you through VPC, building realtime serverless environments, and deploying serverless APIs with microservices. Finally, this book will teach you to monitor your applications, and automate your infrastructure and deploy with CloudFormation. By the end of this book, you will be well-versed with the various services that AWS provides and will be able to leverage AWS infrastructure to accelerate the development process. What you will learn Set up your AWS account and get started with the basic concepts of AWS Learn about AWS terminology and identity access management Acquaint yourself with important elements of the cloud with features such as computing, ELB, and VPC Back up your database and ensure high availability by having an understanding of database-related services in the AWS cloud Integrate AWS services with your application to meet and exceed non-functional requirements Create and automate infrastructure to design cost-effective, highly available applications Who this book is for If you are an I.T. professional or a system architect who wants to improve infrastructure using AWS, then this book is for you. It is also for programmers who are new to AWS and want to build highly efficient, scalable applications.