Aws Certified Solutions Architect Foundations

The 'AWS Solution Architect Associate & AWS Cloud Practitioner Certifications 2019 - The Next Level Guide' is the only complete and up-to-date training resources for both the AWS Cloud Practitioner and the AWS Solution Architect Associate 2019 certifications. Unlike all other substitutes, this manuscript covers all content addressed by Cloud Practitioner as well as the Solution Architect Associate certifications currently offered by the AWS Academy. Moreover, the author of this manuscript is accredited by the AWS Academy to teach both the certification curriculum (the Cloud Foundation (CF) and the Cloud Architecture (CA)) and holds certifications in both as well. The materials contained in this manuscript begin with a deep dive into the CF content required for Cloud Practitioner certification: AWS Networking, Identity, Compute, Storage, and Database Services. With these covered, we go into the CA content required for Solution Architect Associate certification: AWS application integration, high-availability, serverless applications, followed by the five (5) pillars of AWS cloud architecture: operational excellence, security, cost optimization, reliability, and performance efficiency. Written in a clear and concise style, the manuscript lays out and dives deeply on the foundation of AWS cloud resources and services, taking the reader step by step into the complexity of AWS cloud architectures (both distributed multi-tiered as well as stateless serverless applications).

This book is for anyone interested in Serverless, regardless of their technical level. I share strategic insights for entrepreneurs and executives, planning and team insights for project managers, and technical insights for architects and team leads. The intent is to provide a deep but relevant understanding of Serverless Architecture and how it could impact your business and your projects.'

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.

If you have always wanted to learn Linux but are still afraid to do so, this book is for you! A lot of people think of Linux as a sophisticated operating system that only hackers and geeks know how to use, and thus they abort their dream of learning Linux. Well, let me surprise you! Linux is simple and easy to learn, and this book is the ultimate proof! You may have stumbled across a variety of sources that all explain Linux in a complicated and dry manner. This book does exactly the opposite; it teaches you Linux in a delightful and friendly way so that you will never get bored, and you will always feel motivated to learn more. Learn Linux Quickly doesn't assume any prior Linux knowledge, which makes it a perfect fit for beginners. Nevertheless, intermediate and advanced Linux users will still find this book very useful as it goes through a wide range of topics. Learn Linux Quickly will teach you the following topics: · Installing Linux · Over 116 Linux Commands · User and Group Management · Linux Networking Fundamentals · Bash Scripting · Automate Boring Tasks with Cron Jobs · Create your Own Linux Commands · Linux Disk Partitioning and LVM · Finding Files on Linux · Understanding File Permissions · Linux Processes And much more! There is no time to waste here! Learn Linux Quickly and kick start your Linux career today!

Official Google Cloud Certified Professional Cloud Architect Study Guide

Build a solid foundation in Google Cloud Platform to achieve the most lucrative IT certification

Build your cloud computing knowledge and build your skills as an AWS Certified Cloud Practitioner (CLF-C01)

AWS Certified Solutions Architect Professional Exam Cert Guide

A Friendly Guide to Easily Master the World's Most Powerful Operating System.

Data Engineering with Python and AWS Lambda LiveLessons

The Amazon Web Services, AWS Certified Solutions Architect is among the most valuable and highly sought after cloud computing certifications in the world today.The 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. The examination is comprised of 65 questions; either multiple choice or multiple response, and you have130 minutes to complete the exam.

1Z0-1085-21 - Oracle Certified Foundations Associate 2021: Study Guide with Practice Questions and Labs - First Edition About the Author Nouman Ahmed Khan: AWS/Azure/GCP-Architect, CCDE, CCIEx5 (R&S, SP, Security, DC, Wireless), CISSP, CISA, CISM, CRISC, ISO27K-LA is a Solution Architect working with a global telecommunication provider. He works with enterprises, mega-projects, and service providers to help them select the best-fit technology solutions. He also works as a consultant to understand customer business processes and helps select an appropriate technology strategy to support business goals. He has more than fifteen years of experience working with global clients. PASS THE LATEST Oracle Cloud Infrastructure (OCI) Foundations Associate EXAM With Confidence in just 4 Weeks. Are you looking to learn about the foundational knowledge of Oracle cloud and how they are implemented using Oracle Cloud Infrastructure services? This book is an ideal resource to start your journey with confidence. No prior experience in Cloud is required. This latest Oracle Cloud Infrastructure (OCI) Foundations Associate (1Z0-1085-21) EXAM Prep Specialization consists of five domains that will act as a bedrock of fundamental knowledge to prepare you for the 1Z0-1085-21 certification exam and for a career in the cloud. The content of this program is tightly aligned to the Oracle Cloud Infrastructure (OCI) Foundations Associate exam objective domains. This is a highly practical, intensive, yet comprehensive book that will teach you to become an Oracle Foundations Associate. Also, this certification course will help you: - Validate your foundational understanding of cloud computing - Understand key components and services of Oracle Cloud Infrastructure - Establish industry credibility in cloud technologies and share your capabilities with a digital badge It's a perfect resource to pass the latest Oracle Cloud Infrastructure (OCI) Certified Foundations Associate (1Z0-1085-21) EXAM on the first attempt. The book Includes: - Covers complete exam blueprint - Practice Questions. - Mind-maps - Hand-on practice labs. - Real-world examples - Exam tips. Topics Covered: This exam measures your ability to describe the following concepts: - Cloud concepts - Oracle Cloud Infrastructure concepts - Core Oracle Cloud Infrastructure Services - Security and Compliance - Pricing, Support, and Operations

This book constitutes revised selected papers from the First International Workshop on Software Engineering Aspects of Continuous Development and New Paradigms of Software Production and Deployment, DEVOPS 2018, hled at the hateau de Villebrumier, France, in March 2018. The 17 papers presented in this volume were carefully reviewed and selected from 23 submissions. They cover a wide range of problems arising from Devops and related approaches, current tools, rapid development-deployment processes, effects on team performance, analytics, trustworthiness, microservices and related topics.

Learn over 116 Linux commands to develop the skills you need to become a professional Linux system administrator Key FeaturesExplore essential Linux commands and understand how to use Linux help toolsDiscover the power of task automation with bash scripting and Cron jobsGet to grips with various network configuration tools and disk management techniqueBook Description Linux is one of the most sought-after skills in the IT industry, with jobs involving Linux being increasingly in demand. Linux is by far the most popular operating system deployed in both public and private clouds; it is the processing power behind the majority of IoT and embedded devices. Do you use a mobile device that runs on Android? Even Android is a Linux distribution. This Linux book is a practical guide that lets you explore the power of the Linux command-line interface. Starting with the history of Linux, you'll quickly progress to the Linux filesystem hierarchy and learn a variety of basic Linux commands. You'll then understand how to make use of the extensive Linux documentation and help tools. The book shows you how to manage users and groups and takes you through the process of installing and managing software on Linux systems. As you advance, you'll discover how you can interact with Linux processes and troubleshoot network problems before learning the art of writing bash scripts and automating administrative tasks with Cron jobs. In addition to this, you'll get to create your own Linux commands and analyze various disk management techniques. By the end of this book, you'll have gained the Linux skills required to become an efficient Linux system administrator and be able to manage and work productively on Linux systems. What you will learnMaster essential Linux commands and analyze the Linux filesystem hierarchyFind out how to manage users and groups in LinuxAnalyze Linux file ownership and permissionsAutomate monotonous administrative tasks with Cron jobs and bash scriptsUse aliases to create your own Linux commandsUnderstand how to interact with and manage Linux processesBecome well-versed with using a variety of Linux networking commandsPerform disk partitioning, mount filesystems, and create logical volumesWho this book is for This book doesn't assume any prior Linux knowledge, which makes it perfect for beginners. Intermediate and advanced Linux users will also find this book very useful as it covers a wide range of topics necessary for Linux administration.

Oracle Certified Foundation Associate : Study Guide with Practice Questions and Labs - First Edition - 2021

AWS Certified Data Analytics Study Guide with Online Labs
New Principal As a Visionary CEO
400 Exam Practice Questions with Detail Explanation and Reference Link
The Total Course

Develop proficiency in AWS technologies and validate your skills by becoming an AWS Certified Cloud Practitioner Key Features Develop the skills to design highly available and fault-tolerant solutions in the cloud Learn how to adopt best-practice security measures in your cloud applications Achieve credibility through industry-recognized AWS Cloud Practitioner certification Book Description Amazon Web Services is the largest cloud computing service provider in the world. Its foundational certification, AWS Certified Cloud Practitioner (CLF-C01), is the first step to fast-tracking your career in cloud computing. This certification will add value even to those in non-IT roles, including professionals from sales, legal, and finance who may be working with cloud computing or AWS projects. If you are a seasoned IT professional, this certification will make it easier for you to prepare for more technical certifications to progress up the AWS ladder and improve your career prospects. The book is divided into four parts. The first part focuses on the fundamentals of cloud computing and the AWS global infrastructure. The second part examines key AWS technology services, including compute, network, storage, and database services. The third part covers AWS security, the shared responsibility model, and several security tools. In the final part, you'll study the fundamentals of cloud economics and AWS pricing models and billing practices. Complete with exercises that highlight best practices for designing solutions, detailed use cases for each of the AWS services, quizzes, and two complete practice tests, this CLF-C01 exam study guide will help you gain the knowledge and hands-on experience necessary to ace the AWS Certified Cloud Practitioner exam. What you will learn Create an AWS account to access AWS cloud services in a secure and isolated environment Understand identity and access management (IAM), encryption, and multifactor authentication Configure multifactor authentication for your IAM accounts Configure AWS services such as EC2, ECS, Lambda, VPCs, and Route53 Explore various storage and database services such as S3, EBS, and Amazon RDS Study the fundamentals of modern application design to shift from a monolithic to microservices architecture Design highly available solutions with decoupling ingrained in your design architecture Who this book is for If you're looking to advance your career and gain expertise in cloud computing, with particular focus on the AWS platform, this book is for you. This guide will help you ace the AWS Certified Cloud Practitioner Certification exam, enabling you to embark on a rewarding career in cloud computing. No previous IT experience is essential to get started with this book, since it covers core IT fundamentals from the ground up.

AnalytiqTech is offering 200+ UNIQUE practice questions for AWS Certified Solutions Architect - Professional Exam.Unlike others, We offer details explanation to each and every questions that will help you to understand the question100% money back guarantee (Unconditional, we assure that you will be satisfied with our services and pass the exam).Do leave us a question we will happy to answer your queries during the course.BEST WAYS TO PREPARE FOR YOUR AWS CERTIFICATION EXAMKEY TRAINING ADVICE: Although the actual AWS Certified Solutions Architect - Professional exam has a pass mark of 72%, we recommend that you repeatedly retake our AWS Certified Solutions Architect - Professional exams until you consistently score 80% or higher. We encourage you to put in the work and study the training notes in detail. Once you achieve the recommended score in the practice tests - you are ready to sit the exam and achieve a great score!CONFORM WITH EXAM BLUEPRINT: Using our AWS Certified Solutions Architect - Professional Practice Exams can help you gain experience with the test question format and understand how the questions in the real AWS Certified Solutions Architect - Professional exams are structured. Unfortunately, there are many AWS Certified Solutions Architect - Professional practice tests in the market that do NOT match the format of the exam pattern. Rest assured that with our practice tests, you will be adequately prepared for the real AWS Certified Solutions Architect - Professional exam.KEY FEATURES OF THESE POPULAR PRACTICE EXAMS? 4OO PRACTICE QUESTIONS: with a detailed explanation and reference link to assess your exam readiness.? DETAILED EXPLANATIONS: Every question includes a detailed explanation that clarifies why each answer is correct or incorrect.? PREMIUM-QUALITY: These practice questions are free from typos and technical errors which makes your learning experience much more pleasant.? ALWAYS UP TO DATE: Our question bank is constantly updated based on student feedback from the real exam. New questions are added on a regular basis growing our pool of questions.? ACTIVE Q&A FORUM: In this discussion board, students ask questions and share their recent exam experience offering feedback on which topics were covered.? BEST VALUE FOR MONEY: Compared to the AWS Certified Solutions Architect - Professional Practice Test that gives you up to 4O questions only (for $20), when investing in these tests, you get lifetime access to our pool of questions.? ACCESS ON MOBILE: Study on the go and access all resources from your mobile.

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

The AWS Certified Solutions Architect Study Guide: Associate (SAA-CO1) 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-CO1) 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.

Serverless Beyond the Buzzword
Part 1
AWS Solution Architect Associate & AWS Cloud Practitioner Certifications 2019
Internet of Things with Arduino Blueprints
Creative Solutions Architect - David J. Andrew
Learn Linux Quickly

Succeed on the AWS Machine Learning exam or in your next job as a machine learning specialist on the AWS Cloud platform with this hands-on guide As the most popular cloud service in the world today, Amazon Web Services offers a wide range of opportunities for those interested in the development and deployment of artificial intelligence and machine learning business solutions. The AWS Certified Machine Learning Study Guide: Specialty (MLS-CO1) Exam delivers hyper-focused, authoritative instruction for anyone considering the pursuit of the prestigious Amazon Web Services Machine Learning certification or a new career as a machine learning specialist working within the AWS architecture. From exam to interview to your first day on the job, this study guide provides the domain-by-domain specific knowledge you need to build, train, tune, and deploy machine learning models with the AWS Cloud. And with the practice exams and assessments, electronic flashcards, and supplementary online resources that accompany this Study Guide, you'll be prepared for success in every subject area covered by the exam. You'll also find: An intuitive and organized layout perfect for anyone taking the exam for the first time or seasoned professionals seeking a refresher on machine learning on the AWS Cloud Authoritative instruction on a widely recognized certification that unlocks countless career opportunities in machine learning and data science Access to the Sybex online learning resources and test bank, with chapter review questions, a full-length practice exam, hundreds of electronic flashcards, and a glossary of key terms AWS Certified Machine Learning Study Guide: Specialty (MLS-CO1) Exam is an indispensable guide for anyone seeking to prepare themselves for success on the AWS Certified Machine Learning Specialty exam or for a job interview in the field of machine learning, or who wishes to improve their skills in the field as they pursue a career in AWS machine learning.

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 Dada Management Security and Compliance Networking Automation and Optimization And More Readers will also have one year of free access to the Sybex interactive online learning environment and test bank, providing a suite of robust study tools including an assessment test, chapter tests, bonus practice exam, electronic flashcards, and a glossary of key terms. 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.

Develop interactive Arduino-based Internet projects with Ethernet and WiFi About This Book Build Internet-based Arduino devices to make your home feel more secure Learn how to connect various sensors and actuators to the Arduino and access data from Internet A project-based guide filled with schematics and wiring diagrams to help you build projects incrementally Who This Book Is For This book is intended for those who want to learn more about Arduino and make Internet-based interactive projects with Arduino. If you are an experienced software developer who understands the basics of electronics, then you can quickly learn how to build the Arduino projects explained in this book. What You Will Learn Make a powerful Internet controlled relay with an embedded web server to monitor and control your home electrical appliances Build a portable Wi-Fi signal strength sensor to give haptic feedback about signal strength to the user Measure water flow speed and volume with liquid flow sensors and record real-time readings Secure your home with motion-activated Arduino security cameras and upload images to the cloud Implement real-time data logging of a solar panel voltage with Arduino cloud connectors Track locations with GPS and upload location data to the cloud Control a garage door light with your Twitter feed Control infrared enabled devices with IR remote and Arduino In Detail Arduino is a small single-chip computer board that can be used for a wide variety of creative hardware projects. The hardware consists of a simple microcontroller, board, and chipset. It comes with a Java-based IDE to allow creators to program the board. Arduino is the ideal open hardware platform for experimenting with the world of the Internet of Things. This credit card sized Arduino board can be used via the Internet to make more useful and interactive Internet of things projects. Internet of Things with Arduino Blueprints is a project-based book that begins with projects based on IoT and cloud computing concepts. This book covers up to eight projects that will allow devices to communicate with each other, access information over the Internet, store and retrieve data, and interact with users—creating smart, pervasive, and always-connected environments. It explains how wired and wireless Internet connections can be used with projects and the use of various sensors and actuators. The main aim of this book is to teach you how Arduino can be used for Internet-related projects so that users are able to control actuators, gather data from various kinds of sensors, and send and receive data wirelessly across HTTP and TCP protocols. Finally, you can use these projects as blueprints for many other IoT projects and put them to good use. By the end of the book, you will be an expert in the use of IoT with Arduino to develop a set of projects that can relate very well to IoT applications in the real world. Style and approach Every chapter in this book clearly explains how to assemble components through easy-to-follow steps on while laying out important concepts, code snippets, and expected output results so that you can easily end up with a successful project where you can also enhance or modify the project according to your requirements. 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.

Specialty DAS-C01 Exam

Associate (SAA-C01) Exam

Amazon SageMaker Best Practices

AWS Certified Machine Learning Study Guide

Specialty (MLS-C01) Exam

Your one-stop solution to passing the AWS developer's 2019 (DVA-C01) certification, 2nd Edition

A crisis can represent the ideal time to learn new skills and switch industries. The world of the future will be built on information technology (IT). Luckily, it is possible for anyone to change industries and start working in IT. After reading this book, you will understand: - how IT departments are organized; and - how to land the best job for you and then develop your career. - that there are loads of IT roles you probably didn't know about: - the skills needed for the different roles: - the likely futures of the different available roles: - how to start working in IT: - that you don't have to be a programmer to work in IT: - that you don't have to complete your studies to get a job in IT: In this book, you will find the answers to the following questions: - Does it make sense to change careers and start working in IT? - Do you have to be a genius to work in IT? - How does the IT industry work? - What departments and roles are available in the IT industry? Many people imagine working in IT to involve programming, testing, or the provision of general help to users. They do not realize how vast the departments that deal with the maintenance of IT systems are or how many employees with various specializations work in such departments. In fact, there are jobs available in IT for almost everyone.

Overcome advanced challenges in building end-to-end ML solutions by leveraging the capabilities of Amazon SageMaker for developing and integrating ML models into production Key FeaturesLearn best practices for all phases of building machine learning solutions - from data preparation to monitoring models in productionAutomate end-to-end machine learning workflows with Amazon SageMaker and related AWSDesign, architect, and operate machine learning workloads in the AWS CloudBook Description Amazon SageMaker is a fully managed AWS service that provides the ability to build, train, deploy, and monitor machine learning models. The book begins with a high-level overview of Amazon SageMaker capabilities that map to the various phases of the machine learning process to help set the right foundation. You'll learn efficient tactics to address data science challenges such as processing data at scale, data preparation, connecting to big data pipelines, identifying data bias, running A/B tests, and model explainability using Amazon SageMaker. As you advance, you'll understand how you can tackle the challenge of training at scale, including how to use large data sets while saving costs, monitoring training resources to identify bottlenecks, speeding up long training jobs, and tracking multiple models trained for a common goal. Moving ahead, you'll find out how you can integrate Amazon SageMaker with other AWS to build reliable, cost-optimized, and automated machine learning applications. In addition to this, you'll build ML pipelines integrated with MLOps principles and apply best practices to build secure and performant solutions. By the end of the book, you'll confidently be able to apply Amazon SageMaker's wide range of capabilities to the full spectrum of machine learning workflows. What you will learnPerform data bias detection with AWS Data Wrangler and SageMaker ClarifySpeed up data processing with SageMaker Feature StoreOvercome labeling bias with SageMaker Ground TruthImprove training time with the monitoring and profiling capabilities of SageMaker DebuggerAddress the challenge of model deployment automation with CI/CD using the SageMaker model registryExplore SageMaker Neo for model optimizationImplement data and model quality monitoring with Amazon Model MonitorImprove training time and reduce costs with SageMaker data and model parallelismWho this book is for This book is for expert data scientists responsible for building machine learning applications using Amazon SageMaker. Working knowledge of Amazon SageMaker, machine learning, deep learning, and experience using Jupyter Notebooks and Python is expected. Basic knowledge of AWS related to data, security, and monitoring will help you make the most of the book.

Your one-stop guide to work with multiple cloud service providers Key Features A practical step-by-step guide that will teach you to architect effective Cloud computing solutions and services efficiently You will learn the key differences in both platforms and how you can interconnect them to each other Eliminate the pain-points of architecting, interconnect and managing multi-cloud services and solutions. Book Description With the passing of time and with technology evolving, organizations all around the globe, from small- to medium-sized enterprises through to companies that are fully equipped, have started migrating or adapting to cloud computing. If you are looking at adapting entirely to any cloud and its services, this book will be your go-to guide to find perfect solutions, irrespective of the size of your infrastructure. This book will teach you effective solutions for overcoming various implementation scenarios. Our book covers two major cloud platforms (AWS and Azure) and provides practical use cases. You will start by designing the building blocks for infrastructure solutions that will involve core cloud platform services, such as compute, networking, storage, and identity, through various cloud providers. You will be able to plan and design solutions across major cloud providers and streamline interconnections and identities. Finally, you will understand the differences between, and the behavior of, both platforms, and you will be able to plan interconnects and identities for single-instance management. By the end of this book, you will know everything you need in order to be able to architect a multi-cloud solution for your organization. What you will learn Get to grips with different cloud offerings according to service and availability model Choose your cloud model, depending on real-world requirements Become familiar with interconnecting and designing multi-cloud solutions according to network, identity, and application Interconnect major cloud providers and frameworks, such as Microsoft Azure/Azure Stack, and AWS, and manage hosting solutions Resolve key show stoppers in a multi-cloud environment Familiarize yourself with example architectures based on real-world projects and solutions Who this book is for If you are a Cloud Architect, Solutions architect, system/network administrator, or a DevOps engineers aware of Cloud solutions and keen to successfully architect them to your organization then, this book is for you.

Explore a wide variety of exam prep questions for solutions architects, SysOps administrators, and developers About This Video Become an AWS expert with the help of in-depth coverage of concepts and updated content along with hands-on exercises, and 300+ exam prep questions Some experience with application architecture and solution development is essential In Detail This course will give you a structured introduction to AWS and prepare you for the associate-level certification. This course covers services that form the foundation of AWS - networking, compute, load balancing, elastic scaling, storage, monitoring, security, and cost estimation. Each topic is covered with a detailed explanation of concepts, hands-on activities, and practice questions. The question bank consists of 300+ quizzes that simulate the exam. Downloading the example code for this course: You can download the example code files for this course on GitHub at the following link: https://github.com/PacktPublishing/Part-1-AWS-Certified-Solutions-Architect-and-CD-SO- . If you require support please email: customercare@packt.com.

Associate Exam

AWS Certified Solutions Architect Study GuideAssociate SAA-C02 ExamJohn Wiley & Sons

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 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

Entrepreneurial and driven among passions districted into career trainings, historical involvement, performance and the capability of devotion equated with continued effort providing overall extraordinary and disturbingly capable skill

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

AWS Certified Solutions Architect - Professional

What Can Serverless Architecture Do for You?

Grow Your IT Business by Means of a Multi-Cloud Strategy

Associate SAA-C02 Exam

The Next Level Guide

A beginner-friendly guide to getting up and running with the world's most powerful operating system

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.

Learn from the AWS subject-matter experts, explore real-world scenarios, and pass the AWS Certified Developer – Associate exam Key FeaturesThis fast-paced guide will help you clear the AWS Certified Developer – Associate (DVA-C01) exam with confidenceGain valuable insights to design, develop, and deploy cloud-based solutions using AWSDevelop expert core AWS skills with practice questions and mock testsBook Description This book will focus on the revised version of AWS Certified Developer Associate exam. The 2019 version of this exam guide includes all the recent services and offerings from Amazon that benefits developers. AWS Certified Developer – Associate Guide starts with a quick introduction to AWS and the prerequisites to get you started. Then, this book will describe about getting familiar with Identity and Access Management (IAM) along with Virtual private cloud (VPC). Next, this book will teach you about microservices, serverless architecture, security best practices, advanced deployment methods and more. Going ahead we will take you through AWS DynamoDB A NoSQL Database Service, Amazon Simple Queue Service (SQS) and CloudFormation Overview. Lastly, this book will help understand Elastic Beanstalk and will also walk you through 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. What you will learnCreate and manage users, groups, and permissions using AWS IAM servicesCreate a secured VPC with Public and Private Subnets, NAC, and Security groupsLaunching your first EC2 instance, and working with itHandle application traffic with ELB and monitor AWS resources with CloudWatchWork with AWS storage services such as S3, Glacier, and CloudFrontGet acquainted with AWS DynamoDB A NoSQL database serviceUse SWS to coordinate work across distributed application componentsWho this book is for This book is for IT professionals and developers looking to clear the AWS Certified Developer Associate 2019 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.

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

N/A

AWS Certified Solutions Architect : Associate

Proven tips and tricks to build successful machine learning solutions on Amazon SageMaker

AWS Certified Solutions Architect – Professional Complete Study Guide:
AWS Certified Solutions Architect – Associate (SAA-C01) Cert Guide
Software Engineering Aspects of Continuous Development and New Paradigms of Software Production and Deployment
AWS Certified Solutions Architect (and CD,SO)

7 Hours of Video Instruction Data Engineering with Python and AWS Lambda LiveLessons shows users how to build complete and powerful data engineering pipelines in the same language that Data Scientists use to build Machine Learning models. By embracing serverless data engineering in Python, you can build highly scalable distributed systems on the back of the AWS backplane. Users learn to think in the new paradigm of serverless, which means to embrace events and event-driven programs that replace expensive and complicated servers. Description Some of the many benefits of programming with AWS Lambda in Python include no servers to manage, continuous scaling, and subsecond metering. Several use cases include data processing, stream processing, IoT backends, mobile, and web applications. Learn to take advantage of a new architecture that will make your code easier to write, maintain, and deploy. AWS Lambda functions are the building blocks for creating sophisticated applications and services on AWS. In this LiveLesson, you learn to use Python to develop Lambda functions that communicate with key AWS services: API Gateway, SQS, and CloudWatch functions. You also learn how a new cloud-based development environment, Cloud9, can streamline writing, debugging, and deploying AWS Lambda functions. About the Instructors Noah Gift is a lecturer and consultant at both the UC Davis Graduate School of Management MSBA program and the Graduate Data Science program, MSDS, at Northwestern. He is teaching and designing graduate Machine Learning, AI, and Data Science courses, and consulting on Machine Learning and Cloud Architecture for students and faculty, including leading a multi-cloud certification initiative for students. Noah is a Python Software Foundation Fellow, AWS Subject Matter Expert (SME) on Machine Learning, AWS Certified Solutions Architect and AWS Academy Accredited Instructor, Google Certified Professional Cloud Architect, and Microsoft MTA on Python. Noah has published close to 100 technical publications, including two books on subjects ranging from Cloud Machine Learning to DevOps. Gift received an MBA from UC Davis, an M.S. in Computer Information Systems from Cal State Los Angeles, and a B.S. in Nutritional Science from Cal Poly San Luis Obispo. Currently, he is consulting startups and other companies on Machine Learning, Cloud Architecture, and CTO level consulting as the founder of Pragmatic AI Labs.

More Than 7 Hours of Video Instruction Overview This course covers the essentials of Machine Learning on AWS and prepares a candidate to sit for the AWS Machine Learning-Specialty (ML-S) Certification exam. Four main categories are covered: Data Engineering, EDA (Exploratory Data Analysis), Modeling, and Operations. Description This 7+ hour Complete Video Course is fully geared toward the AWS Machine Learning-Specialty (ML-S) Certification exam. The course offers a modular lesson and sublesson approach, with a mix of screencasting and headshot treatment. Data Engineering instruction covers the ingestion, cleaning, and maintenance of data on AWS. Exploratory Data Analysis covers topics including data visualization, descriptive statistics, and dimension reduction and includes information on relevant AWS services. Machine Learning Modeling covers topics including feature engineering, performance metrics, overfitting, and algorithm selection. Operations covers deploying models, A/B testing, using AI services versus training your own model, and proper cost utilization. The supporting code for this LiveLesson is located at http://www.informit.com/store/aws-certified-machine-learning-specialty-ml-s-complete-9780135556511 . About the Instructor Noah Gift is a lecturer and consultant at both the UC Davis Graduate School of Management MSBA program and the Graduate Data Science program, MSDS, at Northwestern. He teaches and designs graduate machine learning, AI, data science courses, and consulting on machine learning and cloud architecture for students and faculty. These responsibilities include leading a multi-cloud certification initiative for students. Noah is a Python Software Foundation Fellow, AWS Subject Matter Expert (SME) on Machine Learning, AWS Certified Solutions Architect, AWS Academy accredited instructor, Google Certified Professional Cloud Architect, and Microsoft MTA on Python. Noah has published close to 100 technical publications including two books on subjects ranging from cloud machine learning to DevOps. Noah received an MBA from UC Davis, a M.S. in Computer Information Systems from Cal State Los Angeles, and a B.S. in Nutritional Science from Cal Poly San Luis Obispo. Currently he consults for startups and other companies on machine learning, cloud architecture, and CTO-level consulting as the founder of Pragmatic AI Labs. His most recent publications are Pragmatic AI: An introduction to Cloud-Based Machine Learning (Pear...

New for 2019! Start with the basics, then learn everything you need to know to pass the AWS Solutions Architect exam About This Video Learn the basics of AWS and set up a free AWS account to run an instance Grasp AWS essentials and prepare for the AWS Solutions Architect - Associate certification In Detail Are you looking to learn more about AWS and what it can do for you or your company? Have you heard about it, but don't know how to take your business and network solutions to the AWS cloud? Perhaps you're a seasoned network techie looking to become an AWS Certified Solutions Architect Associate. If you can relate to any of those, the AWS Essentials and Solutions Architect Associate course is for you. This course includes both AWS Technical Essentials and AWS Certified Solutions Architect - Associate courses. If you're new to AWS and looking for a crash course to get to grips with the foundations, we recommend that you start right from the beginning with the Technical Essentials course, which isn't a certification exam prep course and doesn't cover exam domains, however, the following is a list of what it covers: Terminology and concepts related to the AWS platform How to navigate the AWS Management Console Key concepts for AWS security measures and AWS Identity and Access Management (IAM) Foundational services-Amazon Elastic Compute Cloud (Amazon EC2), Amazon Virtual Private Cloud (Amazon VPC), Amazon Simple Storage Service (Amazon S3), and Amazon Elastic Block Store (Amazon EBS) Database services-Amazon DynamoDB and Amazon Relational Database Service (Amazon RDS) Management services-AWS Auto Scaling, Amazon CloudWatch, Elastic Load Balancing (ELB), and AWS Trusted Advisor Once you're well-versed with the basics, you'll move on to the AWS Solutions Architect - Associate video course, which will take you through the exam domains which are as follows: Domain 1: Design Resilient Architectures (34%) Domain 2: Define Performant Architectures (24%) Domain 3: Specify Secure Applications and Architectures (26%) Domain 4: Design Cost-Optimized Architectures (10%) Domain 5: Define Operationally Excellent Architectures (6%) Downloading the example code for this course: You can download the example code files for this course on GitHub at the following link: https://github.com/PacktPublishing/AWS-Essentials-and-Solutions-Architect-Associate-The-Total-Course . If you require support please email: customercare@packt.com.

Become a Professional Cloud Architect by exploring the essential concepts, tools, and services in GCP and working through practice tests designed to help you take the exam confidently Key FeaturesPlan and design a GCP cloud solution architectureEnsure the security and reliability of your cloud solutions and operationsAssess your knowledge by taking mock tests with up-to-date exam questionsBook Description Google Cloud Platform (GCP) is one of the industry leaders thanks to its array of services that can be leveraged by organizations to bring the best out of their infrastructure. This book is a comprehensive guide for learning methods to effectively utilize GCP services and help you become acquainted with the topics required to pass Google's Professional Cloud Architect certification exam. Following the Professional Cloud Architect's official exam syllabus, you'll first be introduced to the GCP. The book then covers the core services that GCP offers, such as computing and storage, and takes you through effective methods of scaling and automating your cloud infrastructure. As you progress through the chapters, you'll get to grips with containers and services and discover best practices related to the design and process. This revised second edition features new topics such as Cloud Run, Anthos, Data Fusion, Composer, and Data Catalog. By the end of this book, you'll have gained the knowledge required to take and pass the Google Cloud Certification – Professional Cloud Architect exam and become an expert in GCP services. What you will learnUnderstand the benefits of being a Google Certified Professional Cloud ArchitectFind out how to enroll for the Professional Cloud Architect examMaster the compute options in GCPExplore security and networking options in GCPGet to grips with managing and monitoring your workloads in GCPUnderstand storage, big data, and machine learning servicesBecome familiar with exam scenarios and passing strategiesWho this book is for If you are a cloud architect, cloud engineer, administrator, or any IT professional looking to learn how to implement Google Cloud services in your organization and become a GCP Certified Professional Cloud Architect, this book is for you. Basic knowledge of server infrastructure, including Linux and Windows Servers, is assumed. A solid understanding of network and storage will help you to make the most out of this book.

The Cloud-Based Demand-Driven Supply Chain
Associate SAA-C01 Exam
Professional Cloud Architect Google Cloud Certification Guide
CLF-C01 Exam
Associate (SAA-C03) Exam
Multi-Cloud for Architects

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.

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 Data Analytics Study Guide to give you the same experience working in these labs as you prepare for the Certified Data Analytics 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 Data Analyst. AWS Certified Data Analytics Study Guide: Specialty (DAS-C01) Exam is intended for individuals who perform in a data analytics-focused role. This UPDATED exam validates an examinee's comprehensive understanding of using AWS services to design, build, secure, and maintain analytics solutions that provide insight from data. It assesses an examinee's ability to define AWS data analytics services and understand how they integrate with each other; and explain how AWS data analytics services fit in the data lifecycle of collection, storage, processing, and visualization. The book focuses on the following domains: • Collection • Storage and Data Management • Processing • Analysis and Visualization • Data Security This is your opportunity to take the next step in your career by expanding and validating your skills on the AWS cloud. AWS is the frontrunner in cloud computing products and services, and the AWS Certified Data Analytics Study Guide: Specialty exam will get you fully prepared through expert content, and real-world knowledge, key exam essentials, chapter review questions, and much more. Written by an AWS subject-matter expert, this study guide covers exam concepts, and provides key review on exam topics. Readers will also have access to Sybex's superior online interactive learning environment and test bank, including chapter tests, practice exams, a glossary of key terms, and electronic flashcards. 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 Data Analytics Labs with 3 unique lab modules based on the book.

Master the intricacies of Amazon Web Services and efficiently prepare for the SAA-C02 Exam with this comprehensive study guide AWS Certified Solutions Architect 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.

It's time to get your head in the cloud! In today's business environment, more and more people are requesting cloud-based solutions to help solve their business challenges. So how can you not only anticipate your clients' needs but also keep ahead of the curve to ensure their goals stay on track? With the help of this accessible book, you'll get a clear sense of cloud computing and understand how to communicate the benefits, drawbacks, and options to your clients so they can make the best choices for their unique needs. Plus, case studies give you the opportunity to relate real-life examples of how the latest technologies are giving organizations worldwide the opportunity to thrive as supply chain solutions in the cloud. Demonstrates how improvements in forecasting, collaboration, and inventory optimization can lead to cost savings Explores why cloud computing is becoming increasingly important Takes a close look at the types of cloud computing Makes sense of demand-driven forecasting using Amazon's cloud Whether you work in management, business, or IT, this is the dog-eared reference you'll want to keep close by as you continue making sense of the cloud.

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AWS Certified Solutions Architect Associate All-in-One Exam Guide (Exam SAA-C01)

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

Exam Name: AWS Amazon Certified Solutions Architect - Professional Exam Code: SAP-C01 Edition: Latest Verison (100% valid and stable) Number of Questions: 708 Questions with Answer

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.

AWS Essentials and Solutions Architect Associate
AWS Certified Developer – Associate Guide
AWS Certified Solutions Architect Official Study Guide
Latest AWS Amazon Certified Solutions Architect - Professional SAP-C01 Exam Questions and Answers
First International Workshop, DEVOPS 2018, Chateau de Villebrumier, France, March 5-6, 2018, Revised Selected Papers
AWS Certified Machine Learning Specialty (ML-S)