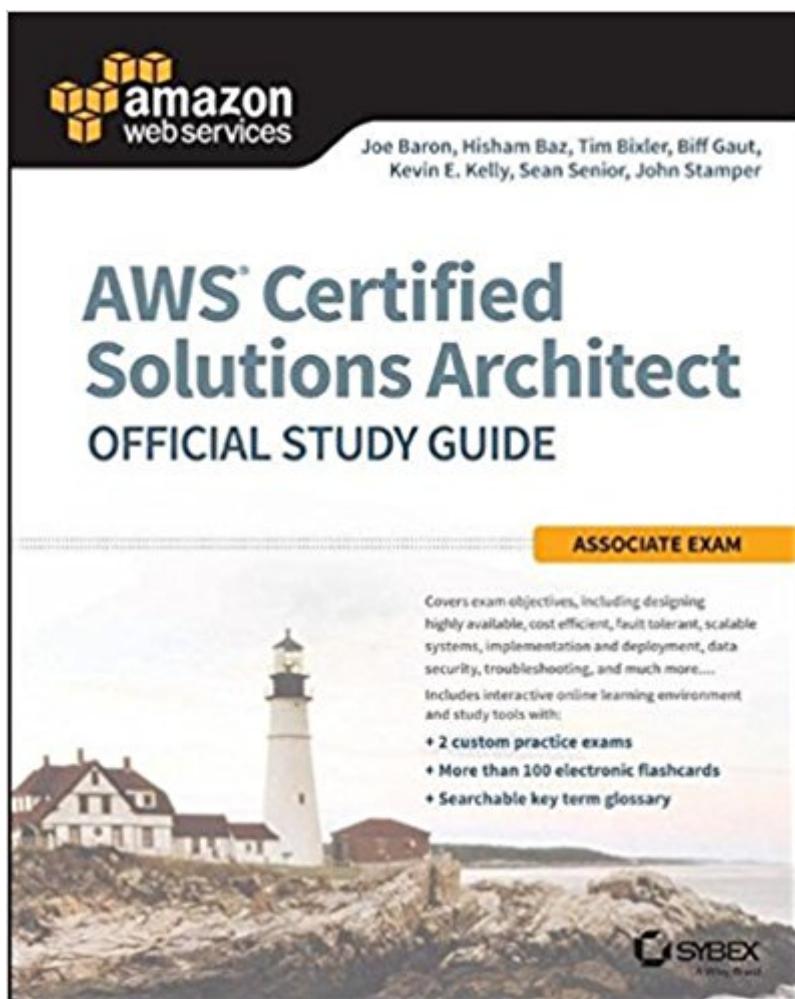


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# AWS Certified Solutions Architect Official Study Guide: Associate Exam



## Synopsis

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.

## Book Information

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## Customer Reviews

Covers exam objectives, including designing highly available, cost efficient, fault tolerant, scalable systems, implementation and deployment, data security, troubleshooting, and much more.... Includes interactive online learning environment and study tools with: + 2 custom practice exams + More than 100 electronic flashcards + Searchable key term glossary Your complete guide to preparing for the AWS Certified Solutions Architect &#151; Associate Exam The AWS Certified Solutions Architect Official Study Guide is your one-stop resource for coverage of the Associate Level Exam. This Sybex Study Guide covers the Associate Exam objectives. You&#39;ll prepare smarter and faster with Sybex thanks to expert content, including assessment tests that check your exam readiness, an objective map, real-world scenarios, hands-on exercises, key topic exam essentials, and challenging chapter review questions. Reinforce what you have learned with the Sybex online learning environment and test bank, accessible across multiple devices. Get prepared for the AWS Associate Level Exam today. Coverage of the exam objectives in this Study Guide means you&#39;ll be ready for: Mapping Multi-Tier Architectures to AWS Services, such as web/app servers, firewalls, caches, and load balancers Understanding managed RDBMS through AWS RDS (MySQLÃ , OracleÃ , SQL ServerÃ , 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 Interactive learning environment Take your exam prep to the next level with Sybex&#39;s superior interactive online tools. To access our interactive learning environment simply visit [www.wiley.com/go/sybextestprep](http://www.wiley.com/go/sybextestprep) type in your unique PIN, and instantly gain access to: Interactive test bank with 2 custom practice exams helps you identify where you need additional study. Practice exams help you identify areas where further review is needed. Get more than 90% of the answers correct, and you&#39;re ready to take the certification exam. 100 questions total! More than 100 electronic flashcards to reinforce learning and last-minute prep before the exam

Comprehensive glossary in PDF format gives you instant access to the key terms so you are fully prepared. AWS Certification AWS Certifications recognize IT professionals with the technical skills and expertise to design, deploy, and operate applications and infrastructure on AWS. Exams are offered in multiple languages at testing centers around the world. The AWS Certified Solutions Architect &#150; Associate Exam is intended for individuals with experience designing distributed applications and systems on the AWS Cloud.

There's something you need to be aware about this book if you're new to AWS. It seems that it is either outdated (hard to believe given that it was released just a couple of days ago, but maybe they started to be write it years ago and released just now..) or it was written with an outdated version of the AWS site that is served to old AWS clients, which would be understandable if you read the authors bio at the beginning but it's an unforgivable editing oversight since the reader isn't warned about this. I'm just starting but there have been several assumptions made in the book that are just weird. For example they keep telling you to choose either EC2-VPC or EC2-Classic but EC2-Classic isn't available for new clients anymore and they don't tell you this in the book. So far it's a good book and I will update this score when I finish reading it or find another way to contact the authors (I found no contact information regarding errata listed in the book). I was waiting to finish the book before posting but I thought I should let everyone know before everything else is drowned out by the 5 stars reviews written by people that haven't finished reading it either. UPDATE 10/31/2016 (comment I posted answering someone) I haven't taken the exam yet. I'm going to update my review eventually (I haven't finished the book) but the best I can tell you is that I can follow the book more effectively because I previously read: Web Services in Action they compliment each other very well since the latter is more hands on but doesn't describe the concepts as throughly as I expected it would (this is my review of that book):

[https://www..com/review/R35XQT20R1LYWB/ref=cm\\_cr\\_rdp\\_perm?ie=UTF8&ASIN=1617292885](https://www..com/review/R35XQT20R1LYWB/ref=cm_cr_rdp_perm?ie=UTF8&ASIN=1617292885) but in a way the same can be said of this one too since it expects you to delve into the online documentation in order to do the exercises at the end of each chapter. For some it's not needed but for others it definitely is if you're completely new to AWS. In a way this book kind of outsources the "In Action" part to the online docs. Which is kind of ridiculous because most people that are looking to learn AWS from a book are doing so specifically to avoid the messiness of the online documentation. Luckily what I learned from the AWS in Action book has saved me from having to go into the online docs for most chapters so far but in others I definitely had to delve into it and do some google searches in order to finish the exercises. If you decide to buy this book you definitely

need to read the online resources before going into the exercises because a lot of the practical fundamentals are actually described there (like setting up the CLI interface, etc.). The book is dedicated almost exclusively to describe the theory behind AWS which I take it to mean that that's what the exam does for the most part. This book is the first exam related resource that I read, if I decide to take it I'll have to do some further research. UPDATE 12/01/2016: I just finished the book and sadly, I can't say that it made me change the score. While there's a lot of content crammed inside the book (enough to point you in the right direction when starting AWS) my first observations remained accurate throughout the book, not only that but it got worse in some aspects. For example, some chapters seem like they were taken straight out of the online documentation. The editing is poor and some review questions are just wrong or out of place (in some chapters they ask you something they talk about in a future chapter). Reading other reviews from people that took the exam it seems that it is advisable to do as much online exam prep as possible before taking the exam which is what I'll do next. It's not a complete waste but it's not a silver bullet for learning AWS either. The book doesn't add that much to the online docs so do consider taking a look at it before buying. UPDATE 05/02/2017: As J. Norman says, after a while they do mention in the book that EC2-Classic is no longer available to new clients but it was way after they had already referenced EC2-Classic several times from the beginning of the book. They should've mentioned this fact since the very beginning, otherwise it can be a little bit disorienting.

To get straight to the point - I passed on 10 April. Having said that, this was not my only training resource (I also used "A Cloud Guru" and "Linux Academy," both online video training sites). But what this book did do was give me the ability to sit down and read, at my own pace, and fill in the gaps inevitably left by the videos. YES, this book was written for the old interface. It doesn't mean you can't find anything on AWS now. In fact, if UI changes have completely derailed your study of the AWS CSA-A syllabus, then you're probably going to have trouble passing the exam anyway. It's not easy, even the Associate level. I am not a developer, I am a sysadmin. I will quickly become an obsolete dinosaur if I do not get up to speed on the "Dev" side of "DevOps", at least to a baseline degree of competency, and on the world's largest cloud platform. changes things on AWS at a frightening pace. No book ever published is going to be able to keep up with those changes. But the mechanics, the fundamentals, the underlying frameworks, are still the same. This book will teach you those. I highly recommend you also use a video training course. The video courses I used are for the 2017 exam - and you will never be tested on the UI itself. Having trained for the 2017 exam, I also agreed to take a beta exam (because it was 50% off) when registering on WebAssessor. The

exam I took was 80 questions, instead of 60, and included questions on Kinesis, as well as making a clear distinction between NAT Gateways and NAT instances. Lots of VPC questions, lots of EC2, lots of RDS. Bottom line - don't rely on only a single source for study, especially on a platform as vast and complex as AWS. I became very frustrated a few days before my exam. Frankly, I didn't expect to pass. It didn't help that the staff at the Kryterion testing center had never given an exam before and I saw them refer to handwritten notes repeatedly (!!). You will not receive any sort of hardcopy confirmation that you passed from the testing center, so if they're not really sure what they're doing, stick around and make sure it gets submitted properly. I had an email from Kryterion waiting on me when I arrived home with a PDF of my certificate and the Certified AWS logos you're entitled to use once you pass. I don't even know if I'll receive a paper certificate in the mail! But if you study hard and you do the labs, you can pass. I'm living proof of that.

Really good explanation of services, summaries, labs, and quizzes for each section help ensure concepts are clear. Online there are like 250 practice questions, you can organize into small quizzes or bigger tests and lots of flash cards. I bought this for Kindle and was able to create additional flash cards in Kindle. I passed my certification exam today, I think the content in this book definitely helped!!

It's from , which gives the test, so it's obviously the gold standard. My main complaint is that the quizzes are after each chapter, but the answers are in the back, so one has to flip back and forth electronically, which is annoying. It's not as though we're going to cheat, right? It would be nice if a sample test were included in the price.

The book has been well written. However the SYBEX internet site, where they have put all the sample exams, and chapter questions, is awfully bad. It takes forever to go from one question to another. Very poorly designed site by Sybex. The book is OK.

Yes, its outdated but than in IT everything is outdated in a 6 months. I like Sybex style of writing and providing examples that are easy to understand and follow. Use this along with other MOCC training material Acloudguru, cloudacademy...etc

It's a good book to realize the core services from AWS. It's, however, not the only materials that you have to read to pass the exam. My friends and I spent a lot of time reading every chapter in this

book, and got much insight on the services mentioned in this book. It was written in a good order for the persons who want to know AWS. Again, it is not the only thing that you need to pass the exam.

Great book! Well structured. Good pre-chapter outline. Great review / summary. Good exam. prep. Q & A

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