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[Amazon S3 Developer Guide Pdf Pdf](#) - Decoding **AMAZON S3 DEVELOPER GUIDE PDF PDF**: REVEALING THE CAPTIVATING POTENTIAL OF VERBAL EXPRESSION

IN A TIME CHARACTERIZED BY INTERCONNECTEDNESS AND AN INSATIABLE THIRST FOR KNOWLEDGE, THE CAPTIVATING POTENTIAL OF VERBAL EXPRESSION HAS EMERGED AS A FORMIDABLE FORCE. ITS CAPABILITY TO EVOKE SENTIMENTS, STIMULATE INTROSPECTION, AND INCITE PROFOUND TRANSFORMATIONS IS GENUINELY AWE-INSPIRING. WITHIN THE PAGES OF “**AMAZON S3 DEVELOPER GUIDE PDF PDF**,” A MESMERIZING LITERARY CREATION PENNED WITH A CELEBRATED WORDSMITH, READERS EMBARK ON AN ENLIGHTENING ODYSSEY, UNRAVELING THE INTRICATE SIGNIFICANCE OF LANGUAGE AND ITS ENDURING EFFECT ON OUR LIVES. IN THIS APPRAISAL, WE SHALL EXPLORE THE BOOK'S CENTRAL THEMES, EVALUATE ITS DISTINCTIVE WRITING STYLE, AND GAUGE ITS PERVASIVE INFLUENCE ON THE HEARTS AND MINDS OF ITS READERSHIP. RIGHT HERE, WE HAVE COUNTLESS BOOKS **AMAZON S3 DEVELOPER GUIDE PDF PDF** AND COLLECTIONS TO CHECK OUT. WE ADDITIONALLY HAVE ENOUGH MONEY VARIANT TYPES AND FURTHERMORE TYPE OF THE BOOKS TO BROWSE. THE GRATIFYING BOOK, FICTION, HISTORY, NOVEL, SCIENTIFIC RESEARCH, AS WITH EASE AS VARIOUS OTHER SORTS OF BOOKS ARE READILY TO HAND HERE.

AS THIS AMAZON S3 DEVELOPER GUIDE PDF PDF, IT ENDS HAPPENING SWINE ONE OF THE FAVORED EBOOK AMAZON S3 DEVELOPER GUIDE PDF PDF COLLECTIONS THAT WE HAVE. THIS IS WHY YOU REMAIN IN THE BEST WEBSITE TO LOOK THE UNBELIEVABLE EBOOK TO HAVE. - *Amazon S3 Developer Guide Pdf Pdf*

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HIGH-PERFORMANCE BIG DATA COMPUTING DHABALESWAR K. PANDA 2022-08-02 AN IN-DEPTH OVERVIEW OF AN EMERGING FIELD THAT BRINGS TOGETHER HIGH-PERFORMANCE COMPUTING, BIG DATA PROCESSING, AND DEEP LEARNING. OVER THE LAST DECADE, THE EXPONENTIAL EXPLOSION OF DATA KNOWN AS BIG DATA HAS CHANGED THE WAY WE UNDERSTAND AND HARNESS THE POWER OF DATA. THE EMERGING FIELD OF HIGH-PERFORMANCE BIG DATA COMPUTING, WHICH BRINGS TOGETHER HIGH-PERFORMANCE COMPUTING (HPC), BIG DATA PROCESSING, AND DEEP LEARNING, AIMS TO MEET THE CHALLENGES POSED BY LARGE-SCALE DATA PROCESSING. THIS BOOK OFFERS AN IN-DEPTH OVERVIEW OF HIGH-PERFORMANCE BIG DATA COMPUTING AND THE ASSOCIATED TECHNICAL ISSUES, APPROACHES, AND SOLUTIONS. THE BOOK COVERS BASIC CONCEPTS AND NECESSARY BACKGROUND KNOWLEDGE, INCLUDING DATA PROCESSING FRAMEWORKS, STORAGE SYSTEMS, AND HARDWARE CAPABILITIES; OFFERS A DETAILED DISCUSSION OF TECHNICAL ISSUES IN ACCELERATING BIG DATA COMPUTING IN TERMS OF COMPUTATION, COMMUNICATION, MEMORY AND STORAGE, CODESIGN, WORKLOAD CHARACTERIZATION AND BENCHMARKING, AND SYSTEM DEPLOYMENT AND MANAGEMENT; AND SURVEYS BENCHMARKS AND WORKLOADS FOR EVALUATING BIG DATA MIDDLEWARE SYSTEMS. IT PRESENTS A DETAILED DISCUSSION OF BIG DATA COMPUTING SYSTEMS AND APPLICATIONS WITH HIGH-PERFORMANCE NETWORKING, COMPUTING, AND STORAGE TECHNOLOGIES, INCLUDING STATE-OF-THE-ART DESIGNS FOR DATA PROCESSING AND STORAGE SYSTEMS. FINALLY, THE BOOK CONSIDERS SOME ADVANCED RESEARCH TOPICS IN HIGH-PERFORMANCE BIG DATA COMPUTING, INCLUDING DESIGNING HIGH-PERFORMANCE DEEP LEARNING OVER BIG DATA (DLoBD) STACKS AND HPC CLOUD TECHNOLOGIES.

AWS CERTIFIED SOLUTIONS ARCHITECT STUDY GUIDE WITH ONLINE LABS BEN PIPER 2021-04-13 VIRTUAL, HANDS-ON LEARNING LABS ALLOW YOU TO APPLY YOUR TECHNICAL SKILLS IN REALISTIC ENVIRONMENTS. SO SYBEX HAS BUNDLED AWS LABS FROM XTREMLABS WITH OUR POPULAR AWS CERTIFIED SOLUTIONS ARCHITECT STUDY GUIDE TO GIVE YOU THE SAME EXPERIENCE WORKING IN THESE LABS AS YOU PREPARE FOR THE CERTIFIED SOLUTIONS ARCHITECT EXAM THAT YOU WOULD FACE IN A REAL-LIFE APPLICATION. THESE LABS IN ADDITION TO THE BOOK ARE A PROVEN WAY TO PREPARE FOR THE CERTIFICATION AND FOR WORK AS AN AWS SOLUTIONS ARCHITECT. THIS IS YOUR OPPORTUNITY TO TAKE THE NEXT STEP IN YOUR CAREER BY EXPANDING AND VALIDATING YOUR SKILLS ON THE AWS CLOUD. AWS HAS BEEN THE FRONTRUNNER IN CLOUD COMPUTING PRODUCTS AND SERVICES, AND THE UPDATED AWS CERTIFIED SOLUTIONS ARCHITECT STUDY GUIDE, THIRD EDITION, FOR THE ASSOCIATE SAA-C02 EXAM WILL GET YOU FULLY PREPARED. THIS STUDY GUIDE COVERS EXAM CONCEPTS, AND PROVIDES KEY REVIEW OF EXAM TOPICS, INCLUDING: DESIGNING RESILIENT ARCHITECTURES DESIGNING HIGH-PERFORMING ARCHITECTURES DESIGNING SECURE APPLICATIONS AND ARCHITECTURES DESIGNING COST-OPTIMIZED ARCHITECTURES IF YOU ARE LOOKING TO TAKE THE AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE EXAM, THIS GUIDE IS WHAT YOU NEED FOR COMPREHENSIVE CONTENT AND ROBUST STUDY TOOLS THAT WILL HELP YOU GAIN THE EDGE ON EXAM DAY AND THROUGHOUT YOUR CAREER. READERS WILL HAVE ACCESS TO SYBEX'S SUPERIOR ONLINE INTERACTIVE LEARNING ENVIRONMENT AND TEST BANK, INCLUDING HUNDREDS OF TEST QUESTIONS, PRACTICE EXAMS, ELECTRONIC FLASHCARDS, AND A GLOSSARY OF KEY TERMS. AND INCLUDED WITH THIS VERSION OF THE BOOK, XTREMLABS VIRTUAL LABS THAT RUN FROM YOUR BROWSER. THE REGISTRATION CODE IS INCLUDED WITH THE BOOK AND GIVES YOU 6 MONTHS OF UNLIMITED ACCESS TO XTREMLABS AWS CERTIFIED SOLUTIONS ARCHITECT LABS WITH 12 UNIQUE LAB MODULES BASED ON THE BOOK. IF YOU ARE UNABLE TO REGISTER YOUR LAB PIN CODE, PLEASE CONTACT WILEY CUSTOMER SUPPORT FOR A REPLACEMENT PIN CODE.

AWS CERTIFIED SOLUTIONS ARCHITECT OFFICIAL STUDY GUIDE TIM BIXLER 2016-09-28 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.

DATA MANAGEMENT IN GRID AND PEER-TO-PEER SYSTEMS ABDELKADER HAMEURLAIN 2008-08-18 THIS BOOK CONSTITUTES THE REFERRED PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE ON DATA MANAGEMENT IN GRID AND PEER-TO-PEER SYSTEMS, GLOBE 2008, HELD IN TURIN, ITALY, IN SEPTEMBER 2008. P2P AND GRID COMPUTING ARE IMPORTANT FOR SCALE DISTRIBUTED SYSTEMS AND APPLICATIONS THAT REQUIRE EFFECTIVE MANAGEMENT OF VOLUMINOUS, DISTRIBUTED, AND HETEROGENEOUS DATA. THE 10 REVISED FULL PAPERS PRESENTED WERE CAREFULLY REVIEWED AND SELECTED FROM 23 SUBMISSIONS. THE PAPERS ARE ORGANIZED IN TOPICAL SECTIONS ON P2P STORAGE SYSTEMS AND CACHING, P2P DATA INTEGRATION SYSTEMS, QUERYING IN GRID AND P2P SYSTEMS.

EUROPEAN RESEARCH ACTIVITIES IN CLOUD COMPUTING DANA PETCU 2011-11-15 WHAT'S NEW IN THE EUROPEAN RESEARCH AND DEVELOPMENT AREA? CLOUD COMPUTING IS A PROVISION MODEL WHERE WHATEVER COMPUTING RESOURCE THAT CAN BE THOUGHT OF (MACHINES, NETWORK, SOFTWARE SOLUTIONS, APPLICATIONS) IS PROVIDED AS A SERVICE. THIS NEW PARADIGM HAS CHANGED THE CENTER OF GRAVITY OF COMPUTING IN BOTH THE ACADEMIC AND INDUSTRY ENVIRONMENTS, BUT DESPITE THE CONSIDERABLE EFFORTS AND INVESTMENTS, THERE ARE CRITICAL PROBLEMS THAT ARE NOT YET SOLVED. THE RESEARCH AND DEVELOPMENT COMMUNITY INVOLVED IN DISTRIBUTED COMPUTING IS SEARCHING FOR VIABLE SOLUTIONS THAT WILL INCREASE THE ADOPTION OF THE CLOUD. THIS IS THE CASE OF

THE COLLABORATIVE WORK DONE BY MULTI-NATIONAL TEAMS IN THE CONTEXT OF THE FP7 PROGRAMME OF THE EUROPEAN COMMISSION. STUDENTS, RESEARCHERS AND DEVELOPERS WORKING IN THE FIELD OF DISTRIBUTED COMPUTING WILL FIND IN THIS BOOK A SNAPSHOT OF THE ON-GOING ACTIVITIES IN RESEARCH AND DEVELOPMENT OF CLOUD COMPUTING UNDERTAKEN AT THE EUROPEAN LEVEL. THESE ACTIVITIES ARE ORGANIZED BY THE LATEST HOT TOPICS OF CLOUD COMPUTING RESEARCH, WHICH INCLUDE SERVICES, MANAGEMENT, AUTOMATION AND ADOPTION. SUMMARIZING, THIS BOOK WILL HELP THE READER UNDERSTAND AND IDENTIFY THE RESEARCH AND DEVELOPMENT WINDS THAT ARE PUSHING THE CLOUDS TO EUROPE.

HANDBOOK OF CLOUD COMPUTING BORKO FURHT 2010-09-11 CLOUD COMPUTING HAS BECOME A SIGNIFICANT TECHNOLOGY TREND. EXPERTS BELIEVE CLOUD COMPUTING IS CURRENTLY RESHAPING INFORMATION TECHNOLOGY AND THE IT MARKETPLACE. THE ADVANTAGES OF USING CLOUD COMPUTING INCLUDE COST SAVINGS, SPEED TO MARKET, ACCESS TO GREATER COMPUTING RESOURCES, HIGH AVAILABILITY, AND SCALABILITY. HANDBOOK OF CLOUD COMPUTING INCLUDES CONTRIBUTIONS FROM WORLD EXPERTS IN THE FIELD OF CLOUD COMPUTING FROM ACADEMIA, RESEARCH LABORATORIES AND PRIVATE INDUSTRY. THIS BOOK PRESENTS THE SYSTEMS, TOOLS, AND SERVICES OF THE LEADING PROVIDERS OF CLOUD COMPUTING; INCLUDING GOOGLE, YAHOO, AMAZON, IBM, AND MICROSOFT. THE BASIC CONCEPTS OF CLOUD COMPUTING AND CLOUD COMPUTING APPLICATIONS ARE ALSO INTRODUCED. CURRENT AND FUTURE TECHNOLOGIES APPLIED IN CLOUD COMPUTING ARE ALSO DISCUSSED. CASE STUDIES, EXAMPLES, AND EXERCISES ARE PROVIDED THROUGHOUT. HANDBOOK OF CLOUD COMPUTING IS INTENDED FOR ADVANCED-LEVEL STUDENTS AND RESEARCHERS IN COMPUTER SCIENCE AND ELECTRICAL ENGINEERING AS A REFERENCE BOOK. THIS HANDBOOK IS ALSO BENEFICIAL TO COMPUTER AND SYSTEM INFRASTRUCTURE DESIGNERS, DEVELOPERS, BUSINESS MANAGERS, ENTREPRENEURS AND INVESTORS WITHIN THE CLOUD COMPUTING RELATED INDUSTRY.

AWS ALL-IN-ONE SECURITY GUIDE ADRIN MUKHERJEE 2021-12-30 LEARN TO BUILD ROBUST SECURITY CONTROLS FOR THE INFRASTRUCTURE, DATA, AND APPLICATIONS IN THE AWS CLOUD. KEY FEATURES [?] TAKES A COMPREHENSIVE LAYERED SECURITY APPROACH THAT COVERS MAJOR USE-CASES. [?] COVERS KEY AWS SECURITY FEATURES LEVERAGING THE CLI AND MANAGEMENT CONSOLE. [?] STEP-BY-STEP INSTRUCTIONS FOR ALL TOPICS WITH GRAPHICAL ILLUSTRATIONS. [?] RELEVANT CODE SAMPLES WRITTEN IN JAVASCRIPT (FOR NODEJS RUNTIME). DESCRIPTION IF YOU'RE LOOKING FOR A COMPREHENSIVE GUIDE TO AMAZON WEB SERVICES (AWS) SECURITY, THIS BOOK IS FOR YOU. WITH THE HELP OF THIS BOOK, CLOUD PROFESSIONALS AND THE SECURITY TEAM WILL LEARN HOW TO PROTECT THEIR CLOUD INFRASTRUCTURE COMPONENTS AND APPLICATIONS FROM EXTERNAL AND INTERNAL THREATS. THE BOOK USES A COMPREHENSIVE LAYERED SECURITY APPROACH TO LOOK INTO THE RELEVANT AWS SERVICES IN EACH LAYER AND DISCUSSES HOW TO USE THEM. IT BEGINS WITH AN OVERVIEW OF THE CLOUD'S SHARED RESPONSIBILITY MODEL AND HOW TO EFFECTIVELY USE THE AWS IDENTITY AND ACCESS MANAGEMENT (IAM) SERVICE TO CONFIGURE IDENTITIES AND ACCESS CONTROLS FOR VARIOUS SERVICES AND COMPONENTS. THE SUBSEQUENT CHAPTER COVERS AWS INFRASTRUCTURE SECURITY, DATA SECURITY, AND AWS APPLICATION LAYER SECURITY. FINALLY, THE CONCLUDING CHAPTERS INTRODUCE THE VARIOUS LOGGING, MONITORING, AND AUDITING SERVICES AVAILABLE IN AWS, AND THE BOOK ENDS WITH A CHAPTER ON AWS SECURITY BEST PRACTICES. BY THE END, AS READERS, YOU WILL GAIN THE KNOWLEDGE AND SKILLS NECESSARY TO MAKE INFORMED DECISIONS AND PUT IN PLACE SECURITY CONTROLS TO CREATE AWS APPLICATION ECOSYSTEMS THAT ARE HIGHLY SECURE. WHAT YOU WILL LEARN [?] LEARN TO CREATE A LAYERED SECURITY ARCHITECTURE AND EMPLOY DEFENSE IN DEPTH. [?] MASTER AWS IAM AND PROTECT APIS. [?] USE AWS WAF, AWS SECRETS MANAGER, AND AWS SYSTEMS MANAGER PARAMETER STORE. [?] LEARN TO SECURE DATA IN AMAZON S3, EBS, DYNAMODB, AND RDS USING AWS KEY MANAGEMENT SERVICE. [?] SECURE AMAZON VPC, FILTER IPS, USE AMAZON INSPECTOR, USE ECR IMAGE SCANS, ETC. [?] PROTECT CLOUD INFRASTRUCTURE FROM DDOS ATTACKS AND USE AWS SHIELD. WHO THIS BOOK IS FOR THE BOOK IS INTENDED FOR CLOUD ARCHITECTS AND SECURITY PROFESSIONALS INTERESTED IN DELVING DEEPER INTO THE AWS CLOUD'S SECURITY ECOSYSTEM AND DETERMINING THE OPTIMAL WAY TO LEVERAGE AWS SECURITY FEATURES. WORKING KNOWLEDGE OF AWS AND ITS CORE SERVICES IS NECESSARY. TABLE OF CONTENTS 1. INTRODUCTION TO SECURITY IN AWS 2. IDENTITY AND ACCESS MANAGEMENT 3. INFRASTRUCTURE SECURITY 4. DATA SECURITY 5. APPLICATION SECURITY 6. LOGGING, MONITORING, AND AUDITING 7. SECURITY BEST PRACTICES

MAGENTO 2 DEVELOPER'S GUIDE BRANKO AJZELE 2015-12-23 HARNESS THE POWER OF MAGENTO 2 - THE MOST RECENT VERSION OF THE WORLD'S FAVOURITE E-COMMERCE PLATFORM FOR YOUR ONLINE STORE ABOUT THIS BOOK SET UP, CONFIGURE, AND POWER UP YOUR MAGENTO ENVIRONMENT FROM DEVELOPMENT TO PRODUCTION MASTER THE USE OF WEB API TO COMMUNICATE WITH THE MAGENTO SYSTEM AND CREATE CUSTOM SERVICES CREATE CUSTOM MODULES FROM SCRATCH TO EXTEND THE CORE FUNCTIONALITY OF THE MAGENTO SYSTEM WHO THIS BOOK IS FOR THIS BOOK IS INTENDED PRIMARILY FOR INTERMEDIATE TO PROFESSIONAL-LEVEL PHP DEVELOPERS WHO ARE INTERESTED IN MAGENTO DEVELOPMENT. FOR BACKEND DEVELOPERS, SEVERAL TOPICS ARE COVERED THAT WILL ENABLE YOU TO MODIFY AND EXTEND YOUR MAGENTO 2 STORE. FRONTEND DEVELOPERS WILL ALSO FIND SOME COVERAGE ON HOW TO CUSTOMIZE THE LOOK OF THE SITE IN THE FRONTEND. WHAT YOU WILL LEARN SET UP THE DEVELOPMENT AND PRODUCTION ENVIRONMENT OF MAGENTO 2 UNDERSTAND THE NEW MAJOR CONCEPTS AND CONVENTIONS USED IN MAGENTO 2 BUILD A MINIATURE YET FULLY-FUNCTIONAL MODULE FROM SCRATCH TO MANAGE YOUR E-COMMERCE PLATFORM EFFICIENTLY WRITE MODELS AND COLLECTIONS TO MANAGE AND SEARCH YOUR ENTITY DATA DIVE INTO BACKEND DEVELOPMENT SUCH AS CREATING EVENTS, OBSERVERS, CRON JOBS, LOGGING, PROFILING, AND MESSAGING FEATURES GET TO THE CORE OF FRONTEND DEVELOPMENT SUCH AS BLOCKS, TEMPLATES, LAYOUTS, AND THE THEMES OF MAGENTO 2 USE TOKEN, SESSION, AND OAUTH TOKEN-BASED AUTHENTICATION VIA VARIOUS FLAVORS OF API CALLS, AS WELL AS CREATING YOUR OWN APIS GET TO GRIPS WITH TESTING MAGENTO MODULES AND CUSTOM THEMES, WHICH FORMS AN INTEGRAL PART OF DEVELOPMENT IN DETAIL MAGENTO IS ONE OF THE MOST EXCITING, FLEXIBLE, AND CUSTOMIZABLE E-COMMERCE SYSTEMS. IT OFFERS YOU AN EXTENSIVE SUITE OF POWERFUL TOOLS FOR CREATING AND MANAGING AN ONLINE STORE. AFTER YEARS OF DEVELOPMENT, MAGENTO 2 INTRODUCES ITSELF WITH A STRONG EMPHASIS ON MODULARITY, WEB API'S, AUTOMATED TESTING AND OVERALL NEW TECHNOLOGY STACK PLATFORM. THE LONG-AWAITED MAGENTO 2 RELEASE INTRODUCES A WHOLE NEW E-COMMERCE PLATFORM TO DEVELOP ONLINE STORES. THE ALL NEW MAGENTO 2 ARCHITECTURE, WEB APIS, AND A HOST OF OTHER FEATURES ARE EQUALLY CHALLENGING TO MASTER AS MUCH AS THEY ARE EXCITING TO USE. THIS BOOK WILL EASE THE LEARNING CURVE BY OFFERING STEP-BY-STEP GUIDANCE ON HOW TO EXTEND THE CORE FUNCTIONALITY OF YOUR MAGENTO 2 STORE. THIS BOOK IS YOUR ONE-STOP GUIDE TO BUILD AND CUSTOMIZE A QUALITY E-COMMERCE WEBSITE FROM THE LATEST VERSION OF ONE OF THE LARGEST, FASTEST GROWING, AND MOST POPULAR E-COMMERCE PLATFORMS—MAGENTO 2. WE START OFF WITH AN INTRODUCTION TO THE FUNDAMENTAL

CONCEPTS OF MAGENTO TO GIVE YOU A FOUNDATION TO WORK FROM. WE THEN MOVE ON TO CONFIGURE THE DEVELOPMENT AND BASIC PRODUCTION ENVIRONMENT FOR MAGENTO. AFTER THIS, YOU'LL GET TO GRIPS WITH THE MAJOR CONCEPTS AND CONVENTIONS THAT ARE NEW TO THE MAGENTO 2 PLATFORM. WE THEN DELVE DEEPER TO GET TO THE CORE OF AUTOMATED DEPLOYMENTS, PERSISTING DATA, WRITING DATA FIXTURE SCRIPTS AND APPLYING VARIOUS BACKEND AND FRONTEND MODIFICATIONS. AS WE NEAR THE END OF THE BOOK, YOU WILL LEARN TO MAKE API CALLS AND WRITE AUTOMATED TESTS. FINALLY, YOU WILL BE GUIDED THROUGH BUILDING A FULL-BLOWN HELPDESK MODULE FROM SCRATCH. BY THE END OF THIS BOOK, YOU WILL HAVE LEARNED A WIDE RANGE OF TECHNIQUES TO EXTEND AND CUSTOMIZE YOUR MAGENTO 2 STORE TO FIT THE REQUIREMENTS OF YOUR BUSINESS. STYLE AND APPROACH THIS BOOK IS A MIX OF THEORETICAL AND STEP-BY-STEP APPROACHES, EXPLAINED IN A CONVERSATIONAL AND EASY-TO-FOLLOW STYLE. TOPICS ARE EXPLAINED SEQUENTIALLY, GIVING DETAILED EXPLANATIONS OF THE BASIC AND ADVANCED FEATURES TO GET YOU WORKING ON MAGENTO 2.

ARTIFICIAL INTELLIGENCE PROGRAMMING WITH PYTHON PERRY XIAO 2022-02-21 A HANDS-ON ROADMAP TO USING PYTHON FOR ARTIFICIAL INTELLIGENCE PROGRAMMING IN PRACTICAL ARTIFICIAL INTELLIGENCE PROGRAMMING WITH PYTHON: FROM ZERO TO HERO, VETERAN EDUCATOR AND PHOTOPHYSICIST DR. PERRY XIAO DELIVERS A THOROUGH INTRODUCTION TO ONE OF THE MOST EXCITING AREAS OF COMPUTER SCIENCE IN MODERN HISTORY. THE BOOK DEMYSTIFIES ARTIFICIAL INTELLIGENCE AND TEACHES READERS ITS FUNDAMENTALS FROM SCRATCH IN SIMPLE AND PLAIN LANGUAGE AND WITH ILLUSTRATIVE CODE EXAMPLES. DIVIDED INTO THREE PARTS, THE AUTHOR EXPLAINS ARTIFICIAL INTELLIGENCE GENERALLY, MACHINE LEARNING, AND DEEP LEARNING. IT TACKLES A WIDE VARIETY OF USEFUL TOPICS, FROM CLASSIFICATION AND REGRESSION IN MACHINE LEARNING TO GENERATIVE ADVERSARIAL NETWORKS. HE ALSO INCLUDES: FULSOME INTRODUCTIONS TO MATLAB, PYTHON, AI, MACHINE LEARNING, AND DEEP LEARNING EXPANSIVE DISCUSSIONS ON SUPERVISED AND UNSUPERVISED MACHINE LEARNING, AS WELL AS SEMI-SUPERVISED LEARNING PRACTICAL AI AND PYTHON "CHEAT SHEET" QUICK REFERENCES THIS HANDS-ON AI PROGRAMMING GUIDE IS PERFECT FOR ANYONE WITH A BASIC KNOWLEDGE OF PROGRAMMING—INCLUDING FAMILIARITY WITH VARIABLES, ARRAYS, LOOPS, IF-ELSE STATEMENTS, AND FILE INPUT AND OUTPUT—WHO SEEKS TO UNDERSTAND FOUNDATIONAL CONCEPTS IN AI AND AI DEVELOPMENT.

BIG-DATA ANALYTICS FOR CLOUD, IOT AND COGNITIVE COMPUTING KAI HWANG 2017-03-13 THE DEFINITIVE GUIDE TO SUCCESSFULLY INTEGRATING SOCIAL, MOBILE, BIG-DATA ANALYTICS, CLOUD AND IOT PRINCIPLES AND TECHNOLOGIES THE MAIN GOAL OF THIS BOOK IS TO SPUR THE DEVELOPMENT OF EFFECTIVE BIG-DATA COMPUTING OPERATIONS ON SMART CLOUDS THAT ARE FULLY SUPPORTED BY IOT SENSING, MACHINE LEARNING AND ANALYTICS SYSTEMS. TO THAT END, THE AUTHORS DRAW UPON THEIR ORIGINAL RESEARCH AND PROVEN TRACK RECORD IN THE FIELD TO DESCRIBE A PRACTICAL APPROACH INTEGRATING BIG-DATA THEORIES, CLOUD DESIGN PRINCIPLES, INTERNET OF THINGS (IOT) SENSING, MACHINE LEARNING, DATA ANALYTICS AND HADOOP AND SPARK PROGRAMMING. PART 1 FOCUSES ON DATA SCIENCE, THE ROLES OF CLOUDS AND IOT DEVICES AND FRAMEWORKS FOR BIG-DATA COMPUTING. BIG DATA ANALYTICS AND COGNITIVE MACHINE LEARNING, AS WELL AS CLOUD ARCHITECTURE, IOT AND COGNITIVE SYSTEMS ARE EXPLORED, AND MOBILE CLOUD-IOT-INTERACTION FRAMEWORKS ARE ILLUSTRATED WITH CONCRETE SYSTEM DESIGN EXAMPLES. PART 2 IS DEVOTED TO THE PRINCIPLES OF AND ALGORITHMS FOR MACHINE LEARNING, DATA ANALYTICS AND DEEP LEARNING IN BIG DATA APPLICATIONS. PART 3 CONCENTRATES ON CLOUD PROGRAMMING SOFTWARE LIBRARIES FROM MAPREDUCE TO HADOOP, SPARK AND TENSORFLOW AND DESCRIBES BUSINESS, EDUCATIONAL, HEALTHCARE AND SOCIAL MEDIA APPLICATIONS FOR THOSE TOOLS. THE FIRST BOOK DESCRIBING A PRACTICAL APPROACH TO INTEGRATING SOCIAL, MOBILE, ANALYTICS, CLOUD AND IOT (SMACT) PRINCIPLES AND TECHNOLOGIES COVERS THEORY AND COMPUTING TECHNIQUES AND TECHNOLOGIES, MAKING IT SUITABLE FOR USE IN BOTH COMPUTER SCIENCE AND ELECTRICAL ENGINEERING PROGRAMS OFFERS AN EXTREMELY WELL-INFORMED VISION OF FUTURE INTELLIGENT AND COGNITIVE COMPUTING ENVIRONMENTS INTEGRATING SMACT TECHNOLOGIES FULLY ILLUSTRATED THROUGHOUT WITH EXAMPLES, FIGURES AND APPROXIMATELY 150 PROBLEMS TO SUPPORT AND REINFORCE LEARNING FEATURES A COMPANION WEBSITE WITH AN INSTRUCTOR MANUAL AND POWERPOINT SLIDES WWW.WILEY.COM/GO/HWANGIOT BIG-DATA ANALYTICS FOR CLOUD, IOT AND COGNITIVE COMPUTING SATISFIES THE DEMAND AMONG UNIVERSITY FACULTY AND STUDENTS FOR CUTTING-EDGE INFORMATION ON EMERGING INTELLIGENT AND COGNITIVE COMPUTING SYSTEMS AND TECHNOLOGIES. PROFESSIONALS WORKING IN DATA SCIENCE, CLOUD COMPUTING AND IOT APPLICATIONS WILL ALSO FIND THIS BOOK TO BE AN EXTREMELY USEFUL WORKING RESOURCE.

AMAZON SIMPLEDB DEVELOPER GUIDE PRABHAKAR CHAGANTI 2010-06-01 SCALE YOUR APPLICATION'S DATABASE ON THE CLOUD USING AMAZON SIMPLEDB WITH THIS BOOK AND EBOOK.

LATEST AMAZON AWS CERTIFIED DEVELOPER ASSOCIATE DVA-C01 EXAM QUESTIONS AND ANSWERS UPTODATE EXAMS EXAM NAME : AMAZON AWS CERTIFIED DEVELOPER ASSOCIATE EXAM CODE : DVA-C01 EDITION : LATEST VERISON (100% VALID AND STABLE) NUMBER OF QUESTIONS : 402 QUESTIONS WITH ANSWER

PARALLEL PROCESSING AND APPLIED MATHEMATICS ROMAN WYRZYKOWSKI 2023-04-27 THIS TWO-VOLUME SET, LNCS 13826 AND LNCS 13827, CONSTITUTES THE PROCEEDINGS OF THE 14TH INTERNATIONAL CONFERENCE ON PARALLEL PROCESSING AND APPLIED MATHEMATICS, PPAM 2022, HELD IN GDANSK, POLAND, IN SEPTEMBER 2022. THE 77 REGULAR PAPERS PRESENTED IN THESE VOLUMES WERE SELECTED FROM 132 SUBMISSIONS. FOR REGULAR TRACKS OF THE CONFERENCE, 33 PAPERS WERE SELECTED FROM 62 SUBMISSIONS. THE PAPERS WERE ORGANIZED IN TOPICAL SECTIONS NAMED AS FOLLOWS: PART I: NUMERICAL ALGORITHMS AND PARALLEL SCIENTIFIC COMPUTING; PARALLEL NON-NUMERICAL ALGORITHMS; GPU COMPUTING; PERFORMANCE ANALYSIS AND PREDICTION IN HPC SYSTEMS; SCHEDULING FOR PARALLEL COMPUTING; ENVIRONMENTS AND FRAMEWORKS FOR PARALLEL/CLOUD COMPUTING; APPLICATIONS OF PARALLEL AND DISTRIBUTED COMPUTING; SOFT COMPUTING WITH APPLICATIONS AND SPECIAL SESSION ON PARALLEL EVD/SVD AND ITS APPLICATION IN MATRIX COMPUTATIONS. PART II: 9TH WORKSHOP ON LANGUAGE-BASED PARALLEL PROGRAMMING (WLPP 2022); 6TH WORKSHOP ON MODELS, ALGORITHMS AND METHODOLOGIES FOR HYBRID PARALLELISM IN NEW HPC SYSTEMS (MAMHYP 2022); FIRST WORKSHOP ON QUANTUM COMPUTING AND COMMUNICATION; FIRST WORKSHOP ON APPLICATIONS OF MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE IN HIGH PERFORMANCE COMPUTING (WAML 2022); 4TH WORKSHOP ON APPLIED HIGH PERFORMANCE NUMERICAL ALGORITHMS FOR PDES; 5TH MINISYMPOSIUM ON HPC APPLICATIONS IN PHYSICAL SCIENCES; 8TH MINISYMPOSIUM ON HIGH PERFORMANCE COMPUTING INTERVAL METHODS; 7TH WORKSHOP ON COMPLEX COLLECTIVE SYSTEMS.

AWS CERTIFIED SYSOPS ADMINISTRATOR OFFICIAL STUDY GUIDE STEPHEN COLE 2017-09-19 COMPREHENSIVE, INTERACTIVE EXAM PREPARATION AND SO MUCH MORE THE AWS CERTIFIED SYSOPS ADMINISTRATOR OFFICIAL STUDY GUIDE: ASSOCIATE EXAM IS A COMPREHENSIVE EXAM PREPARATION RESOURCE. THIS BOOK BRIDGES THE GAP BETWEEN EXAM PREPARATION AND REAL-WORLD READINESS, COVERING EXAM OBJECTIVES WHILE GUIDING YOU THROUGH HANDS-ON EXERCISES BASED ON SITUATIONS YOU'LL LIKELY ENCOUNTER AS AN AWS CERTIFIED SYSOPS ADMINISTRATOR. FROM DEPLOYMENT, MANAGEMENT, AND OPERATIONS TO MIGRATION, DATA FLOW, COST CONTROL, AND BEYOND, THIS GUIDE WILL HELP YOU INTERNALIZE THE PROCESSES AND BEST PRACTICES ASSOCIATED WITH AWS. THE SYBEX INTERACTIVE ONLINE STUDY ENVIRONMENT GIVES YOU ACCESS TO INVALUABLE PREPARATION AIDS, INCLUDING AN ASSESSMENT TEST THAT HELPS YOU FOCUS YOUR STUDY ON AREAS MOST IN NEED OF REVIEW, AND CHAPTER TESTS TO HELP YOU GAUGE YOUR MASTERY OF THE MATERIAL. ELECTRONIC FLASHCARDS MAKE IT EASY TO STUDY ANYTIME, ANYWHERE, AND A BONUS PRACTICE EXAM GIVES YOU A SNEAK PREVIEW SO YOU KNOW WHAT TO EXPECT ON EXAM DAY. CLOUD COMPUTING OFFERS BUSINESSES A COST-EFFECTIVE, INSTANTLY SCALABLE IT INFRASTRUCTURE. THE AWS CERTIFIED SYSOPS ADMINISTRATOR - ASSOCIATE CREDENTIAL SHOWS THAT YOU HAVE TECHNICAL EXPERTISE IN DEPLOYMENT, MANAGEMENT, AND OPERATIONS ON AWS. STUDY EXAM OBJECTIVES GAIN PRACTICAL EXPERIENCE WITH HANDS-ON EXERCISES APPLY YOUR SKILLS TO REAL-WORLD SCENARIOS TEST YOUR UNDERSTANDING WITH CHALLENGING REVIEW QUESTIONS EARNING YOUR AWS CERTIFICATION IS MUCH MORE THAN JUST PASSING AN EXAM—YOU MUST BE ABLE TO PERFORM THE DUTIES EXPECTED OF AN AWS CERTIFIED SYSOPS ADMINISTRATOR IN A REAL-WORLD SETTING. THIS BOOK DOES MORE THAN COACH YOU THROUGH THE TEST: IT TRAINS YOU IN THE TOOLS, PROCEDURES, AND THOUGHT PROCESSES TO GET THE JOB DONE WELL. IF YOU'RE SERIOUS ABOUT VALIDATING YOUR EXPERTISE AND WORKING AT A HIGHER LEVEL, THE AWS CERTIFIED SYSOPS ADMINISTRATOR OFFICIAL STUDY GUIDE: ASSOCIATE EXAM IS THE RESOURCE YOU'VE BEEN SEEKING.

AWS CERTIFIED ADVANCED NETWORKING OFFICIAL STUDY GUIDE SIDHARTHA CHAUHAN 2018-02-13 THE OFFICIAL STUDY GUIDE FOR THE AWS CERTIFICATION SPECIALTY EXAM THE AWS CERTIFIED ADVANCED NETWORKING OFFICIAL STUDY GUIDE - SPECIALTY EXAM HELPS TO ENSURE YOUR PREPARATION FOR THE AWS CERTIFIED ADVANCED NETWORKING - SPECIALTY EXAM. EXPERT REVIEW OF AWS FUNDAMENTALS ALIGN WITH THE EXAM OBJECTIVES, AND DETAILED EXPLANATIONS OF KEY EXAM TOPICS MERGE WITH REAL-WORLD SCENARIOS TO HELP YOU BUILD THE ROBUST KNOWLEDGE BASE YOU NEED TO SUCCEED ON THE EXAM—AND IN THE FIELD AS AN AWS CERTIFIED NETWORKING SPECIALIST. COVERAGE INCLUDES THE DESIGN, IMPLEMENTATION, AND DEPLOYMENT OF CLOUD-BASED SOLUTIONS; CORE AWS SERVICES IMPLEMENTATION AND KNOWLEDGE OF ARCHITECTURAL BEST PRACTICES; AWS SERVICE ARCHITECTURE DESIGN AND MAINTENANCE; NETWORKING AUTOMATION; AND MORE. YOU ALSO GET ONE YEAR OF FREE ACCESS TO SYBEX'S ONLINE INTERACTIVE LEARNING ENVIRONMENT AND STUDY TOOLS, WHICH FEATURES FLASHCARDS, A GLOSSARY, CHAPTER TESTS, PRACTICE EXAMS, AND A TEST BANK TO HELP YOU TRACK YOUR PROGRESS AND GAUGE YOUR READINESS AS EXAM DAY GROWS NEAR. THE AWS CREDENTIAL VALIDATES YOUR SKILLS SURROUNDING AWS AND HYBRID IT NETWORK ARCHITECTURES AT SCALE. THE EXAM ASSUMES EXISTING COMPETENCY WITH ADVANCED NETWORKING TASKS, AND ASSESSES YOUR ABILITY TO APPLY DEEP TECHNICAL KNOWLEDGE TO THE DESIGN AND IMPLEMENTATION OF AWS SERVICES. THIS BOOK PROVIDES COMPREHENSIVE REVIEW AND EXTENSIVE OPPORTUNITIES FOR PRACTICE, SO YOU CAN POLISH YOUR SKILLS AND APPROACH EXAM DAY WITH CONFIDENCE. STUDY KEY EXAM ESSENTIALS WITH EXPERT INSIGHT UNDERSTAND HOW AWS SKILLS TRANSLATE TO REAL-WORLD SOLUTIONS TEST YOUR KNOWLEDGE WITH CHALLENGING REVIEW QUESTIONS ACCESS ONLINE STUDY TOOLS, CHAPTER TESTS, PRACTICE EXAMS, AND MORE TECHNICAL EXPERTISE IN CLOUD COMPUTING, USING AWS, IS IN HIGH DEMAND, AND THE AWS CERTIFICATION SHOWS EMPLOYERS THAT YOU HAVE THE KNOWLEDGE AND SKILLS NEEDED TO DELIVER PRACTICAL, FORWARD-LOOKING CLOUD-BASED SOLUTIONS. THE AWS CERTIFIED ADVANCED NETWORKING OFFICIAL STUDY GUIDE - SPECIALTY EXAM HELPS YOU LEARN WHAT YOU NEED TO TAKE THIS NEXT BIG STEP FOR YOUR CAREER.

EFFICIENT ADAPTIVE QUERY PROCESSING ON LARGE DATABASE SYSTEMS AVAILABLE IN THE CLOUD ENVIRONMENT CLAYTON MACIEL COSTA 2020-09-16 NOWADAYS, MANY COMPANIES ARE MIGRATING THEIR APPLICATIONS AND DATA TO CLOUD SERVICE PROVIDERS, MAINLY BECAUSE OF THEIR ABILITY TO ANSWER QUICKLY TO BUSINESS REQUIREMENTS. THEREBY, THE PERFORMANCE IS AN IMPORTANT REQUIREMENT FOR MOST CUSTOMERS WHEN THEY WISH TO MIGRATE THEIR APPLICATIONS TO THE CLOUD. THEREFORE, IN CLOUD ENVIRONMENTS, RESOURCES SHOULD BE ACQUIRED AND RELEASED AUTOMATICALLY AND QUICKLY AT RUNTIME. MOREOVER, THE USERS AND SERVICE PROVIDERS EXPECT TO GET ANSWERS IN TIME TO ENSURE THE SERVICE SLA (SERVICE LEVEL AGREEMENT). CONSEQUENTLY, ENSURING THE QoS (QUALITY OF SERVICE) IS A GREAT CHALLENGE AND IT INCREASES WHEN WE HAVE LARGE AMOUNTS OF DATA TO BE MANIPULATED IN THIS ENVIRONMENT. TO RESOLVE THIS KIND OF PROBLEMS, SEVERAL RESEARCHES HAVE BEEN FOCUSED ON SHORTER EXECUTION TIME USING ADAPTIVE QUERY PROCESSING AND/OR PREDICTION OF RESOURCES BASED ON CURRENT SYSTEM STATUS. HOWEVER, THEY PRESENT IMPORTANT LIMITATIONS. FOR EXAMPLE, MOST OF THESE WORKS DOES NOT USE MONITORING DURING QUERY EXECUTION AND/OR PRESENTS INTRUSIVE SOLUTIONS, I.E. APPLIED TO THE PARTICULAR CONTEXT. THE AIM OF THIS BOOK IS TO PRESENT THE DEVELOPMENT OF NEW SOLUTIONS/STRATEGIES TO EFFICIENT ADAPTIVE QUERY PROCESSING ON LARGE DATABASES AVAILABLE IN A CLOUD ENVIRONMENT. IT MUST INTEGRATE ADAPTIVE RE-OPTIMIZATION AT QUERY RUNTIME AND THEIR COSTS ARE BASED ON THE SRT (SERVICE RESPONSE TIME - SLA QoS PERFORMANCE PARAMETER). FINALLY, THE PROPOSED SOLUTION WILL BE EVALUATED ON LARGE SCALE WITH LARGE VOLUME OF DATA, MACHINES AND QUERIES IN A CLOUD COMPUTING INFRASTRUCTURE. FINALLY, THIS WORK ALSO PROPOSES A NEW MODEL TO ESTIMATE THE SRT FOR DIFFERENT REQUEST TYPES (DATABASE ACCESS REQUESTS). THIS MODEL WILL ALLOW THE CLOUD SERVICE PROVIDER AND ITS CUSTOMERS TO ESTABLISH AN APPROPRIATE SLA RELATIVE TO THE EXPECTED PERFORMANCE OF THE SERVICES AVAILABLE IN THE CLOUD.

AWS CERTIFIED DEVELOPER OFFICIAL STUDY GUIDE NICK ALTEEN 2019-09-24 FOREWORD BY WERNER VOGELS, VICE PRESIDENT AND CORPORATE TECHNOLOGY OFFICER, AMAZON THE AWS EXAM HAS BEEN UPDATED. YOUR STUDY GUIDE SHOULD BE, TOO. THE AWS CERTIFIED DEVELOPER OFFICIAL STUDY GUIDE-ASSOCIATE EXAM IS YOUR ULTIMATE PREPARATION RESOURCE FOR THE LATEST EXAM! COVERING ALL EXAM OBJECTIVES, THIS INVALUABLE RESOURCE PUTS A TEAM OF AWS EXPERTS AT YOUR SIDE WITH EXPERT GUIDANCE, CLEAR EXPLANATIONS, AND THE WISDOM OF EXPERIENCE WITH AWS BEST PRACTICES. YOU'LL MASTER CORE SERVICES AND BASIC ARCHITECTURE, AND EQUIP YOURSELF TO DEVELOP, DEPLOY, AND DEBUG CLOUD-BASED APPLICATIONS USING AWS. THE AWS DEVELOPER CERTIFICATION IS EARNED BY THOSE WHO DEMONSTRATE THE TECHNICAL KNOWLEDGE AND SKILL ASSOCIATED WITH BEST PRACTICES FOR BUILDING SECURE, RELIABLE CLOUD-BASED APPLICATIONS USING AWS TECHNOLOGY. THIS BOOK IS YOUR OFFICIAL EXAM PREP COMPANION, PROVIDING EVERYTHING YOU NEED TO KNOW TO PASS WITH FLYING COLORS. STUDY THE AWS CERTIFIED DEVELOPER EXAM OBJECTIVES GAIN EXPERT INSIGHT ON CORE AWS SERVICES AND BEST PRACTICES TEST YOUR UNDERSTANDING OF KEY CONCEPTS

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WITH CHALLENGING CHAPTER QUESTIONS ACCESS ONLINE STUDY TOOLS INCLUDING ELECTRONIC FLASHCARDS, A SEARCHABLE GLOSSARY, PRACTICE EXAMS, AND MORE CLOUD COMPUTING OFFERS BUSINESSES THE OPPORTUNITY TO REPLACE UP-FRONT CAPITAL INFRASTRUCTURE EXPENSES WITH LOW, VARIABLE COSTS THAT SCALE AS THEY GROW. THIS CUSTOMIZED RESPONSIVENESS HAS NEGATED THE NEED FOR FAR-FUTURE INFRASTRUCTURE PLANNING, PUTTING THOUSANDS OF SERVERS AT THEIR DISPOSAL AS NEEDED—AND BUSINESSES HAVE RESPONDED, PROPPELLING AWS TO THE NUMBER-ONE SPOT AMONG CLOUD SERVICE PROVIDERS. NOW THESE BUSINESSES NEED QUALIFIED AWS DEVELOPERS, AND THE AWS CERTIFICATION VALIDATES THE EXACT SKILLS AND KNOWLEDGE THEY'RE LOOKING FOR. WHEN YOU'RE READY TO GET SERIOUS ABOUT YOUR CLOUD CREDENTIALS, THE AWS CERTIFIED DEVELOPER OFFICIAL STUDY GUIDE-ASSOCIATE EXAM IS THE RESOURCE YOU NEED TO PASS THE EXAM WITH FLYING COLORS. NOTE: AS OF OCTOBER 7, 2019, THE ACCOMPANYING CODE FOR HANDS-ON EXERCISES IN THE BOOK IS AVAILABLE FOR DOWNLOADING FROM THE SECURE RESOURCES AREA IN THE ONLINE TEST BANK. YOU'LL FIND CODE FOR CHAPTERS 1, 2, 11, AND 12.

AWS CERTIFIED SOLUTIONS ARCHITECT JAMIE MURPHY 2023-01-08 AMAZON WEB SERVICES (AWS) IS A CLOUD COMPUTING PLATFORM. IT IS A COLLECTION OF REMOTE COMPUTING SERVICES THAT TOGETHER MAKE UP A CLOUD COMPUTING PLATFORM, OFFERED OVER THE INTERNET BY AMAZON.COM. AMAZON WEB SERVICES PROVIDES A HIGHLY RELIABLE, SCALABLE, LOW-COST INFRASTRUCTURE PLATFORM IN THE CLOUD THAT POWERS HUNDREDS OF THOUSANDS OF BUSINESSES IN 190 COUNTRIES AROUND THE WORLD. YOU CAN USE AWS TO DEVELOP APPLICATIONS AND WEBSITES, BACK UP CRITICAL BUSINESS DATA, STORE YOUR FILES IN-THE-CLOUD, AND PROVIDE CONTENT DELIVERY TO MILLIONS OF USERS. AMAZON WEB SERVICES CAME INTO EXISTENCE IN 2006. THE IDEA WAS TO REMOVE THE DEPENDENCY ON THE LOCAL HARDWARE, AND BUILD AN INFRASTRUCTURE ON THE INTERNET. AWS IS A SIGNIFICANT INNOVATION. IT IS CAPABLE OF PROVIDING FAST ACCESS TO VARIOUS DATA STORAGE AND COMPUTING SERVICES. EVEN IF A COMPANY HAS ITS OWN DATA CENTERS, IT CAN QUICKLY MOVE SOME OF THE WORKLOAD TO AWS WITHOUT MAKING ANY CHANGES TO WHAT CUSTOMERS SEE FROM THEIR END. THIS BOOK IS DESIGNED TO TEACH YOU EVERYTHING YOU NEED TO KNOW ABOUT AMAZON WEB SERVICES. YOU WILL BE TAKEN ON A JOURNEY FROM BASICS OF AWS TO THE MORE ADVANCED TOPICS. GET THIS BOOK. AND LEARN HOW TO LEVERAGE THE INFRASTRUCTURE OF AWS AND BRING YOUR BUSINESS IDEAS TO LIFE.

ADVANCED FLEX 3 SHASHANK TIWARI 2008-11-23 WHETHER YOU'RE A FLEX 3 BEGINNER OR INTERMEDIATE USER, THIS BOOK PROVIDES THE NECESSARY INFORMATION TO HELP YOU DEVELOP INTO AN EXPERT. USING A PRACTICAL HANDS-ON APPROACH, IT ILLUSTRATES EXACTLY HOW TO CREATE ROBUST AND SCALABLE ENTERPRISE-GRADE RICH INTERNET APPLICATIONS (RIAs). THE BOOK IS DIVIDED INTO THREE PARTS. THE FIRST PART DISCUSSES THE ARCHITECTURAL AND DESIGN ASPECTS OF FLEX 3 APPLICATION DEVELOPMENT. IT EXPLAINS THE INTERNALS OF A FLEX 3 APPLICATION AND ADVOCATES A FEW BEST PRACTICES TO FINE-TUNE YOUR APPLICATION TO ENSURE MAXIMUM PERFORMANCE. IT INCLUDES TUTORIALS ON CREATING CUSTOM COMPONENTS, DATA BINDING, AND CREATING AIR-POWERED DESKTOP APPLICATIONS. THE SECOND PART CONCENTRATES ON EFFECTIVELY INTEGRATING FLEX 3 WITH SERVER- AND CLIENT-SIDE TECHNOLOGIES. TECHNIQUES FOR INTEGRATION WITH JAVA AND PHP ARE COVERED IN DETAIL, AND CONTENT COVERING INTERACTION WITH CLIENT-SIDE TECHNOLOGIES IS ALSO INCLUDED. AFTER READING THE CHAPTER ON JAVASCRIPT INTEGRATION, YOU WILL BE READY TO CREATE APPLICATIONS THAT CAN USE AJAX AND FLEX 3 TOGETHER. THE THIRD AND FINAL PART OF THE BOOK IS A UNIQUE AND ECLECTIC MIX OF SOME ADVANCED TOPICS LIKE MASH-UPS, COLLABORATIVE APPLICATIONS, 3D RENDERING, HIGHLY INTERACTIVE VISUALIZATION, AND AUDIO AND VIDEO STREAMING. IN SUMMARY, THROUGH READING THIS BOOK, YOU WILL BENEFIT FROM THE WEALTH OF INFORMATION AND YEARS OF EXPERIENCE THE AUTHORS HOLD, AND WILL THEN BE READY TO CRUISE WITH COMFORT IN THE WORLD OF FLEX 3 APPLICATION DEVELOPMENT ON YOUR OWN.

AWS NETWORKING COOKBOOK SATYAJIT DAS 2017-08-24 OVER 50 RECIPES COVERING ALL YOU NEED TO KNOW ABOUT AWS NETWORKING ABOUT THIS BOOK MASTER AWS NETWORKING CONCEPTS WITH AWS NETWORKING COOKBOOK. DESIGN AND IMPLEMENT HIGHLY AVAILABLE CONNECTIVITY AND MULTI-REGIONED AWS SOLUTIONS A RECIPE-BASED GUIDE THAT WILL ELIMINATE THE COMPLICATIONS OF AWS NETWORKING. A GUIDE TO AUTOMATE NETWORKING SERVICES AND FEATURES WHO THIS BOOK IS FOR THIS BOOK TARGETS ADMINISTRATORS, NETWORK ENGINEERS, AND SOLUTION ARCHITECTS WHO ARE LOOKING AT OPTIMIZING THEIR CLOUD PLATFORM'S CONNECTIVITY. SOME BASIC UNDERSTANDING OF AWS WOULD BE BENEFICIAL. WHAT YOU WILL LEARN CREATE BASIC NETWORK IN AWS CREATE PRODUCTION GRADE NETWORK IN AWS CREATE GLOBAL SCALE NETWORK IN AWS SECURITY AND COMPLIANCE WITH AWS NETWORK TROUBLESHOOTING, BEST PRACTICES AND LIMITATIONS OF AWS NETWORK PRICING MODEL OF AWS NETWORK COMPONENTS ROUTE 53 AND CLOUDFRONT CONCEPTS AND ROUTING POLICIES VPC AUTOMATION USING ANSIBLE AND CLOUDFORMATION IN DETAIL THIS BOOK STARTS WITH PRACTICAL RECIPES ON THE FUNDAMENTALS OF CLOUD NETWORKING AND GRADUALLY MOVES ON TO CONFIGURING NETWORKS AND IMPLEMENTING INFRASTRUCTURE AUTOMATION. THIS BOOK THEN SUPPLIES IN-DEPTH RECIPES ON NETWORKING COMPONENTS LIKE NETWORK INTERFACE, INTERNET GATEWAYS, DNS, ELASTIC IP ADDRESSES, AND VPN CLOUDHUB. LATER, THIS BOOK ALSO DELVES INTO DESIGNING, IMPLEMENTING, AND OPTIMIZING STATIC AND DYNAMIC ROUTING ARCHITECTURES, MULTI-REGION SOLUTIONS, AND HIGHLY AVAILABLE CONNECTIVITY FOR YOUR ENTERPRISE. FINALLY, THIS BOOK WILL TEACH YOU TO TROUBLESHOOT YOUR VPC'S NETWORK, INCREASING YOUR VPC'S EFFICIENCY. BY THE END OF THIS BOOK, YOU WILL HAVE ADVANCED KNOWLEDGE OF AWS NETWORKING CONCEPTS AND TECHNOLOGIES AND WILL HAVE MASTERED IMPLEMENTING INFRASTRUCTURE AUTOMATION AND OPTIMIZING YOUR VPC. STYLE AND APPROACH A SET OF EXCITING RECIPES ON USING AWS NETWORKING SERVICES MORE EFFECTIVELY.

DATA ANALYTICS IN THE AWS CLOUD JOE MINICHINO 2023-04-06 A COMPREHENSIVE AND ACCESSIBLE ROADMAP TO PERFORMING DATA ANALYTICS IN THE AWS CLOUD IN DATA ANALYTICS IN THE AWS CLOUD: BUILDING A DATA PLATFORM FOR BI AND PREDICTIVE ANALYTICS ON AWS, ACCOMPLISHED SOFTWARE ENGINEER AND DATA ARCHITECT JOE MINICHINO DELIVERS AN EXPERT BLUEPRINT TO STORING, PROCESSING, ANALYZING DATA ON THE AMAZON WEB SERVICES CLOUD PLATFORM. IN THE BOOK, YOU'LL EXPLORE EVERY RELEVANT ASPECT OF DATA ANALYTICS—FROM DATA ENGINEERING TO ANALYSIS, BUSINESS INTELLIGENCE, DEVOPS, AND MLOPS—AS YOU DISCOVER HOW TO INTEGRATE MACHINE LEARNING PREDICTIONS WITH ANALYTICS ENGINES AND VISUALIZATION TOOLS. YOU'LL ALSO FIND: REAL-WORLD USE CASES OF AWS ARCHITECTURES THAT DEMYSTIFY THE APPLICATIONS OF DATA ANALYTICS ACCESSIBLE INTRODUCTIONS TO DATA ACQUISITION, IMPORTATION, STORAGE, VISUALIZATION, AND REPORTING EXPERT INSIGHTS INTO SERVERLESS DATA ENGINEERING AND HOW TO USE IT TO REDUCE OVERHEAD AND COSTS, IMPROVE STABILITY, AND SIMPLIFY MAINTENANCE A CAN'T-MISS FOR DATA ARCHITECTS, ANALYSTS, ENGINEERS AND TECHNICAL PROFESSIONALS, DATA ANALYTICS IN THE AWS CLOUD WILL ALSO EARN A PLACE ON THE BOOKSHELVES OF BUSINESS LEADERS SEEKING A BETTER UNDERSTANDING OF DATA ANALYTICS ON THE AWS CLOUD PLATFORM.

LARAVEL APPLICATION DEVELOPMENT COOKBOOK TERRY MATULA 2013-10-25 GET TO GRIPS WITH A NEW TECHNOLOGY, UNDERSTAND WHAT IT IS AND WHAT IT CAN DO FOR YOU, AND THEN GET TO WORK WITH THE MOST IMPORTANT FEATURES AND TASKS. A SHORT AND PRECISE GUIDE TO GET YOU STARTED WITH EASELJS, HELPING YOU TO CREATE SOME COOL APPLICATIONS AND GAMES.EASELJS GREATLY SIMPLIFIES APPLICATION DEVELOPMENT IN HTML5 CANVAS USING A SYNTAX AND AN ARCHITECTURE VERY SIMILAR TO THE ACTIONSCRIPT 3.0 LANGUAGE. AS A RESULT, FLASH / FLEX DEVELOPERS WILL IMMEDIATELY FEEL AT HOME BUT IT'S VERY EASY TO LEARN EVEN IF YOU'VE NEVER OPENED FLASH IN YOUR LIFE. THE BOOK TARGETS WEB DESIGNERS, ANIMATORS, DIGITAL CONTENT PRODUCERS, AND FLASH AND FLEX DEVELOPERS.

RUNNING WINDOWS CONTAINERS ON AWS MARCIO MORALES 2023-04-21 SCALE UP YOUR WINDOWS CONTAINERS SEAMLESSLY ON AWS POWERED BY FIELD-PROVEN EXPERTISE AND BEST PRACTICES ON AMAZON ECS, EKS, AND FARGATE PURCHASE OF THE PRINT OR KINDLE BOOK INCLUDES A FREE PDF EBOOK KEY FEATURES LEVERAGE THE MOST RECENT BEST PRACTICES TO RUN AND MANAGE WINDOWS CONTAINERS ON AWS LEARN ABOUT AWS TOOLS TO CONTAINERIZE AND RUN WINDOWS CONTAINERS ON AWS DEEPER UNDERSTANDING ON HOW AMAZON ECS, EKS, AND FARGATE SUPPORTS WINDOWS CONTAINERS BOOK DESCRIPTION WINDOWS APPLICATIONS ARE EVERYWHERE, FROM BASIC INTRANET APPLICATIONS TO HIGH-TRAFFIC PUBLIC APIS. THEIR PREVALENCE UNDERSCORES THE IMPORTANCE OF COMBINING THE SAME TOOLS AND EXPERIENCE FOR MANAGING A MODERN CONTAINERIZED APPLICATION WITH EXISTING CRITICAL WINDOWS APPLICATIONS TO REDUCE COSTS, ACHIEVE OUTSTANDING OPERATIONAL EXCELLENCE, AND MODERNIZE QUICKLY. THIS COMPREHENSIVE GUIDE TO RUNNING AND MANAGING WINDOWS CONTAINERS ON AWS LOOKS AT THE BEST PRACTICES FROM YEARS OF CUSTOMER INTERACTIONS TO HELP YOU STAY AHEAD OF THE CURVE. STARTING WITH WINDOWS CONTAINERS BASICS, YOU'LL LEARN ABOUT THE ARCHITECTURE DESIGN THAT POWERS AMAZON ECS, EKS, AND AWS FARGATE FOR WINDOWS CONTAINERS. WITH THE HELP OF EXAMPLES AND BEST PRACTICES, YOU'LL EXPLORE IN DEPTH HOW TO SUCCESSFULLY RUN AND MANAGE AMAZON ECS, EKS, AND AWS FARGATE CLUSTERS WITH WINDOWS CONTAINERS SUPPORT. NEXT, THE BOOK COVERS DAY 2 OPERATIONS IN DETAIL, FROM LOGGING AND MONITORING TO USING ANCILLARY AWS TOOLS THAT FULLY CONTAINERIZE EXISTING LEGACY .NET FRAMEWORK APPLICATIONS INTO CONTAINERS WITHOUT ANY CODE CHANGES. THE BOOK ALSO COVERS THE MOST COMMON WINDOWS CONTAINER OPERATIONS, SUCH AS IMAGE LIFECYCLE AND WORKING WITH EPHEMERAL HOSTS. BY THE END OF THIS BOOK, YOU'LL HAVE MASTERED HOW TO RUN WINDOWS CONTAINERS ON AWS AND BE READY TO START YOUR MODERNIZATION JOURNEY CONFIDENTLY. WHAT YOU WILL LEARN GET ACQUAINTED WITH WINDOWS CONTAINER BASICS RUN AND MANAGE WINDOWS CONTAINERS ON AMAZON ECS, EKS, AND AWS FARGATE EFFECTIVELY MONITOR AND CENTRALIZE LOGS FROM WINDOWS CONTAINERS PROPERLY MAINTAIN WINDOWS HOSTS AND KEEP CONTAINER IMAGES UP TO DATE MANAGE EPHEMERAL WINDOWS HOSTS TO REDUCE OPERATIONAL OVERHEAD WORK WITH THE CONTAINER IMAGE CACHE TO SPEED UP THE CONTAINER'S BOOT TIME WHO THIS BOOK IS FOR THIS BOOK IS TARGETED TOWARDS DEVOPS ENGINEER, SREs, SOLUTION ARCHITECTS, OR A WINDOWS SYSADMIN WHO WANTS TO LEARN MORE ABOUT RUNNING WINDOWS CONTAINERS ON AWS. IN ORDER TO LEARN FROM THIS BOOK, YOU SHOULD HAVE A BASIC UNDERSTANDING OF CONTAINERS, DOCKER, AND KUBERNETES. THE BOOK IS ALSO BENEFICIAL FOR WINDOWS APPLICATION DEVELOPERS WHO WANT TO EXPLORE HOW TO ACHIEVE BETTER APPLICATION SCALABILITY USING CONTAINERS AS A COMPUTE LAYER.

AMAZON REKOGNITION DEVELOPER GUIDE DEVELOPMENT TEAM 2018-06-26 AMAZON REKOGNITION MAKES IT EASY TO ADD IMAGE AND VIDEO ANALYSIS TO YOUR APPLICATIONS. YOU JUST PROVIDE AN IMAGE OR VIDEO TO THE REKOGNITION API, AND THE SERVICE CAN IDENTIFY OBJECTS, PEOPLE, TEXT, SCENES, AND ACTIVITIES. IT CAN DETECT ANY INAPPROPRIATE CONTENT AS WELL. AMAZON REKOGNITION ALSO PROVIDES HIGHLY ACCURATE FACIAL ANALYSIS AND FACIAL REKOGNITION. YOU CAN DETECT, ANALYZE, AND COMPARE FACES FOR A WIDE VARIETY OF USE CASES, INCLUDING USER VERIFICATION, CATALOGING, PEOPLE COUNTING, AND PUBLIC SAFETY. AMAZON REKOGNITION IS BASED ON THE SAME PROVEN, HIGHLY SCALABLE, DEEP LEARNING TECHNOLOGY DEVELOPED BY AMAZON'S COMPUTER VISION SCIENTISTS TO ANALYZE BILLIONS OF IMAGES AND VIDEOS DAILY--AND REQUIRES NO MACHINE LEARNING EXPERTISE TO USE. AMAZON REKOGNITION INCLUDES A SIMPLE, EASY-TO-USE API THAT CAN QUICKLY ANALYZE ANY IMAGE OR VIDEO FILE THAT'S STORED IN AMAZON S3. AMAZON REKOGNITION IS ALWAYS LEARNING FROM NEW DATA, AND WE'RE CONTINUALLY ADDING NEW LABELS AND FACIAL REKOGNITION FEATURES TO THE SERVICE.

AWS CERTIFIED DEVELOPER OFFICIAL STUDY GUIDE NICK ALTEEN 2019-09-24 FOREWORD BY WERNER VOGELS, VICE PRESIDENT AND CORPORATE TECHNOLOGY OFFICER, AMAZON THE AWS EXAM HAS BEEN UPDATED. YOUR STUDY GUIDE SHOULD BE, TOO. THE AWS CERTIFIED DEVELOPER OFFICIAL STUDY GUIDE-ASSOCIATE EXAM IS YOUR ULTIMATE PREPARATION RESOURCE FOR THE LATEST EXAM! COVERING ALL EXAM OBJECTIVES, THIS INVALUABLE RESOURCE PUTS A TEAM OF AWS EXPERTS AT YOUR SIDE WITH EXPERT GUIDANCE, CLEAR EXPLANATIONS, AND THE WISDOM OF EXPERIENCE WITH AWS BEST PRACTICES. YOU'LL MASTER CORE SERVICES AND BASIC ARCHITECTURE, AND EQUIP YOURSELF TO DEVELOP, DEPLOY, AND DEBUG CLOUD-BASED APPLICATIONS USING AWS. THE AWS DEVELOPER CERTIFICATION IS EARNED BY THOSE WHO DEMONSTRATE THE TECHNICAL KNOWLEDGE AND SKILL ASSOCIATED WITH BEST PRACTICES FOR BUILDING SECURE, RELIABLE CLOUD-BASED APPLICATIONS USING AWS TECHNOLOGY. THIS BOOK IS YOUR OFFICIAL EXAM PREP COMPANION, PROVIDING EVERYTHING YOU NEED TO KNOW TO PASS WITH FLYING COLORS. STUDY THE AWS CERTIFIED DEVELOPER EXAM OBJECTIVES GAIN EXPERT INSIGHT ON CORE AWS SERVICES AND BEST PRACTICES TEST YOUR UNDERSTANDING OF KEY CONCEPTS WITH CHALLENGING CHAPTER QUESTIONS ACCESS ONLINE STUDY TOOLS INCLUDING ELECTRONIC FLASHCARDS, A SEARCHABLE GLOSSARY, PRACTICE EXAMS, AND MORE CLOUD COMPUTING OFFERS BUSINESSES THE OPPORTUNITY TO REPLACE UP-FRONT CAPITAL INFRASTRUCTURE EXPENSES WITH LOW, VARIABLE COSTS THAT SCALE AS THEY GROW. THIS CUSTOMIZED RESPONSIVENESS HAS NEGATED THE NEED FOR FAR-FUTURE INFRASTRUCTURE PLANNING, PUTTING THOUSANDS OF SERVERS AT THEIR DISPOSAL AS NEEDED—AND BUSINESSES HAVE RESPONDED, PROPPELLING AWS TO THE NUMBER-ONE SPOT AMONG CLOUD SERVICE PROVIDERS. NOW THESE BUSINESSES NEED QUALIFIED AWS DEVELOPERS, AND THE AWS CERTIFICATION VALIDATES THE EXACT SKILLS AND KNOWLEDGE THEY'RE LOOKING FOR. WHEN YOU'RE READY TO GET SERIOUS ABOUT YOUR CLOUD CREDENTIALS, THE AWS CERTIFIED DEVELOPER OFFICIAL STUDY GUIDE-ASSOCIATE EXAM IS THE RESOURCE YOU NEED TO PASS THE EXAM WITH FLYING COLORS. NOTE: AS OF OCTOBER 7, 2019, THE ACCOMPANYING CODE FOR HANDS-ON EXERCISES IN THE BOOK IS AVAILABLE FOR DOWNLOADING FROM THE SECURE RESOURCES AREA

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IN THE ONLINE TEST BANK. YOU'LL FIND CODE FOR CHAPTERS 1, 2, 11, AND 12.

Pro PowerShell for Amazon Web Services Brian Beach 2019-09-21 Amazon Web Services (AWS) IS THE LEADING PUBLIC CLOUD PLATFORM. IN THIS BOOK YOU WILL LEARN TO USE MICROSOFT POWERSHELL TO CREATE, HOST, MANAGE, AND ADMINISTER WORKLOADS USING AMAZON WEB SERVICES. YOU WILL LEARN HOW TO CREATE VIRTUAL MACHINES, PROVISION STORAGE, CONFIGURE NETWORKS, AND MORE—ALL USING YOUR PREFERRED WINDOWS SCRIPTING LANGUAGE. CIOs EVERYWHERE ARE LEADING THEIR ORGANIZATIONS TO THE CLOUD, BUT THERE ARE FEW BOOKS AVAILABLE TO HELP. THIS BOOK FOCUSES ON MOVING MICROSOFT WINDOWS WORKLOADS TO THE CLOUD USING TECHNOLOGIES FAMILIAR TO ENTERPRISE MICROSOFT-BASED PROFESSIONALS. THE COMPLETELY REVISED AND EXPANDED PRO POWERSHELL FOR AMAZON WEB SERVICES IS WRITTEN SPECIFICALLY FOR WINDOWS PROFESSIONALS WHO ALREADY KNOW POWERSHELL AND WANT TO LEARN TO HOST WINDOWS WORKLOADS ON AMAZON WEB SERVICES. THE CLOUD OFFERS INFORMATION TECHNOLOGY WORKERS SIGNIFICANT COST SAVINGS AND AGILITY UNIMAGINABLE EVEN JUST A FEW YEARS AGO. TASKS THAT TRADITIONALLY TOOK WEEKS OF WORK, COSTING THOUSANDS OF DOLLARS, CAN BE COMPLETED IN MINUTES FOR A FRACTION OF A PENNY. NEW CHAPTERS IN THIS SECOND EDITION COVER: AWS LAMBDA, AMAZON WORKSPACES, AMAZON APPSTREAM 2.0, AWS DIRECTORY SERVICE, AMAZON WORKDOCS, AND AWS SYSTEM MANAGER. WHAT YOU'LL LEARN CREATE AND MANAGE WINDOWS SERVERS ON ELASTIC COMPUTE CLOUD (EC2) CONFIGURE AND SECURE NETWORKS WITH VIRTUAL PRIVATE CLOUD (VPC) LEVERAGE AUTOSCALING TO ADJUST RESOURCES AS LOAD CHANGES DEPLOY AND MANAGE SQL SERVER USING THE RELATIONAL DATABASE SERVICE (RDS) MANAGE VIRTUAL DESKTOPS USING WORKSPACES AND APPSTREAM LEVERAGE AWS SYSTEMS MANAGER TO MANAGE WINDOWS AT SCALE WHO THIS BOOK IS FOR WINDOWS PROFESSIONALS WHO WANT TO LEARN MORE ABOUT AMAZON WEB SERVICES, WITH A FOCUS ON RUNNING WINDOWS WORKLOADS AND AUTOMATED MANAGEMENT AT SCALE USING POWERSHELL TOOLS FOR AWS. THE BOOK ASSUMES YOU HAVE KNOWLEDGE OF WINDOWS AND POWERSHELL, BUT ARE NEW TO AWS.

Amazon S3 Programming Guide Gordon Wong 2016-12-16 This book is a guide for you on how to program the Amazon Simple Storage Service (S3). MOST PEOPLE AND COMPANIES HAVE TURNED TO USING THE AMAZON S3 FOR THE PURPOSE OF STORING FILES. THE FIRST PART OF THE BOOK GUIDES YOU ON HOW TO UPLOAD YOUR FILES TO THE AMAZON S3. IN THIS CHAPTER, YOU WILL USE THE PLAY 2 FOR CREATION OF A JAVA APP. THIS APP WILL HELP YOU TO UPLOAD YOUR FILES TO THE AMAZON S3, MAKING YOUR WORK MUCH EASIER. YOU WILL LEARN HOW TO USE THE AWS LIBRARY AS WELL AS THE PLAY 2 S3 LIBRARY. THE NODEJS CAN BE USED FOR THE PURPOSE OF PERFORMING DIRECT UPLOADS OF FILES TO THE AMAZON S3. IN MOST APPS, THIS IS DONE BY USE OF A WEB APP SO THAT THE FILES CAN BE UPLOADED TO THE WEB SERVER. IN THIS BOOK, YOU ARE GUIDED ON HOW TO USE NODEJS TO CREATE AN APP WHICH DIRECTLY UPLOADS THE FILES TO THE S3 SERVER, AND YOU WILL NOT BE EXPECTED TO CREATE OR USE A WEB APP. THIS MECHANISM EMPLOYS THE USE OF CROSS-ORIGIN RESOURCE SHARING (CORS). THIS BOOK GUIDES YOU ON HOW TO IMPLEMENT THIS. YOU WILL ALSO BE SHOWN HOW TO SETUP A PRIVATE MAVEN REPOSITORY WHICH YOU CAN USE FOR YOUR PROJECTS. YOU MAY ALSO NEED TO READ THE S3 FILES IN A PROGRAMMATIC MANNER. THIS BOOK GUIDES YOU ON HOW TO DO THIS. THE FOLLOWING TOPICS ARE DISCUSSED IN THIS BOOK: - UPLOADING FILES - DIRECT UPLOADS IN S3 AND NODEJS - PRIVATE MAVEN REPOSITORY SETUP - WORKING WITH THE OBJECT-ORIENTED JAVA ADAPTER IN AWS S3 - READING FROM S3 FILES - WORKING WITH NGINX AS THE PROXY

Innovations in Smart Cities and Applications Mohamed Ben Ahmed 2018-03-21 THIS PROCEEDINGS BOOK SHOWCASES THE LATEST RESEARCH WORK PRESENTED AT THE SECOND EDITION OF THE MEDITERRANEAN SYMPOSIUM ON SMART CITY APPLICATION (SCAMS 2017), WHICH WAS HELD IN TANGIER, MOROCCO ON OCTOBER 15-27, 2017. IT PRESENTS ORIGINAL RESEARCH RESULTS, NEW IDEAS AND PRACTICAL DEVELOPMENT EXPERIENCES THAT CONCENTRATE ON BOTH THEORY AND PRACTICE. IT INCLUDES PAPERS FROM ALL AREAS OF SMART CITY APPLICATIONS, E.G. SMART MOBILITY, BIG DATA, SMART GRIDS, SMART HOMES AND BUILDINGS, CLOUDS, CROWDS, MASHUPS, SOCIAL NETWORKS, AND SECURITY ISSUES. THE CONFERENCE STIMULATED CUTTING-EDGE RESEARCH DISCUSSIONS AMONG PIONEERING RESEARCHERS, SCIENTISTS, INDUSTRIAL ENGINEERS, AND STUDENTS FROM ALL AROUND THE WORLD. THE TOPICS COVERED IN THIS BOOK ALSO FOCUS ON INNOVATIVE ISSUES AT THE INTERNATIONAL LEVEL BY BRINGING TOGETHER EXPERTS FROM DIFFERENT COUNTRIES. THE SCOPE OF SCAMS 2017 INCLUDED METHODS AND PRACTICES THAT COMBINE VARIOUS EMERGING INTERNETWORKING AND DATA TECHNOLOGIES TO CAPTURE, INTEGRATE, ANALYZE, MINE, ANNOTATE, AND VISUALIZE DATA IN A MEANINGFUL AND COLLABORATIVE MANNER. A SERIES OF INTERNATIONAL WORKSHOPS WERE ORGANIZED AS INVITED SESSIONS DURING THE SCAMS 2017: THE 2ND INTERNATIONAL WORKSHOP ON SMART LEARNING & INNOVATIVE EDUCATIONS THE 1ST INTERNATIONAL WORKSHOP ON SMART HEALTHCARE THE 1ST INTERNATIONAL WORKSHOP ON MATHEMATICS FOR SMART CITY THE 1ST INTERNATIONAL WORKSHOP INDUSTRY 4.0 AND SMART MANUFACTURING

Beginning Mobile Application Development in the Cloud Richard Rodger 2011-10-14 LEARN HOW TO BUILD APPS FOR MOBILE DEVICES ON CLOUD PLATFORMS THE MARKETPLACE FOR APPS IS EVER EXPANDING, INCREASING THE POTENTIAL TO MAKE MONEY. WITH THIS GUIDE, YOU'LL LEARN HOW TO BUILD CROSS-PLATFORM APPLICATIONS FOR MOBILE DEVICES THAT ARE SUPPORTED BY THE POWER OF CLOUD-BASED SERVICES SUCH AS AMAZON WEB SERVICES. AN INTRODUCTION TO CLOUD-BASED APPLICATIONS EXPLAINS HOW TO USE HTML5 TO CREATE CROSS-PLATFORM MOBILE APPS AND THEN USE CLOUD SERVICES TO ENHANCE THOSE APPS. YOU'LL LEARN HOW TO BUILD YOUR FIRST APP WITH HTML5 AND SET IT UP IN THE CLOUD, WHILE ALSO DISCOVERING HOW TO USE JQUERY TO YOUR ADVANTAGE. HIGHLIGHTS THE SKILLS AND KNOWLEDGE YOU NEED TO CREATE SUCCESSFUL APPS FOR MOBILE DEVICES WITH HTML5 TAKES YOU THROUGH THE STEPS FOR BUILDING WEB APPLICATIONS FOR THE IPHONE AND ANDROID DETAILS HOW TO ENHANCE YOUR APP THROUGH FASTER LAUNCHING, TOUCH VS. CLICK, STORAGE CAPABILITIES, AND A CACHE LOOKS AT HOW BEST TO USE JSON, FOURSQUARE, JQUERY, AJAX, AND MORE SHARES TIPS FOR CREATING HYBRID APPS THAT RUN NATIVELY IF YOU'RE INTERESTED IN HAVING YOUR APPLICATION BE ONE OF THE 200,000+ APPS FEATURED IN THE IPHONE STORE OR THE 50,000+ IN THE ANDROID STORE, THEN YOU NEED THIS BOOK.

AWS Certified Developer – Associate Guide Vipul Tankariya 2019-06-03 LEARN FROM THE AWS SUBJECT-MATTER EXPERTS, EXPLORE REAL-WORLD SCENARIOS, AND PASS THE AWS CERTIFIED DEVELOPER – ASSOCIATE EXAM KEY FEATURES THIS FAST-PACED GUIDE WILL HELP YOU CLEAR THE AWS CERTIFIED DEVELOPER – ASSOCIATE (DVA-C01) EXAM WITH CONFIDENCE GAIN VALUABLE INSIGHTS TO DESIGN, DEVELOP, AND DEPLOY CLOUD-BASED SOLUTIONS USING AWS DEVELOP EXPERT CORE AWS SKILLS WITH PRACTICE QUESTIONS AND MOCK TESTS

Book 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 learn create and manage users, groups, and permissions using AWS IAM services create a secured VPC with public and private subnets, NAC, and security groups launching your first EC2 instance, and working with it handle application traffic with ELB and monitor AWS resources with CloudWatch work with AWS storage services such as S3, Glacier, and CloudFront get acquainted with AWS DynamoDB A NoSQL database service use SWS to coordinate work across distributed application components who 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.

AWS Certified Security – Specialty Exam Guide Stuart Scott 2020-09-07 GET TO GRIPS WITH THE FUNDAMENTALS OF CLOUD SECURITY AND PREPARE FOR THE AWS SECURITY SPECIALTY EXAM WITH THE HELP OF THIS COMPREHENSIVE CERTIFICATION GUIDE KEY FEATURES LEARN THE FUNDAMENTALS OF SECURITY WITH THIS FAST-PACED GUIDE DEVELOP MODERN CLOUD SECURITY SKILLS TO BUILD EFFECTIVE SECURITY SOLUTIONS ANSWER PRACTICE QUESTIONS AND TAKE MOCK TESTS TO PASS THE EXAM WITH CONFIDENCE

Book Description AWS Certified Security – Specialty is a certification exam to validate your expertise in advanced cloud security. With an ever-increasing demand for AWS security skills in the cloud market, this certification can help you advance in your career. This book helps you prepare for the exam and gain certification by guiding you through building complex security solutions. From understanding the AWS shared responsibility model and identity and access management to implementing access management best practices, you'll gradually build on your skills. The book will also delve into securing instances and the principles of securing VPC infrastructure. Covering security threats, vulnerabilities, and attacks such as the DDoS attack, you'll discover how to mitigate these at different layers. You'll then cover compliance and learn how to use AWS to audit and govern infrastructure, as well as to focus on monitoring your environment by implementing logging mechanisms and tracking data. Later, you'll explore how to implement data encryption as you get hands-on with securing a live environment. Finally, you'll discover security best practices that will assist you in making critical decisions relating to cost, security, and deployment complexity. By the end of this AWS security book, you'll have the skills to pass the exam and design secure AWS solutions. What you will learn understand how to identify and mitigate security incidents assign appropriate Amazon Web Services (AWS) resources to underpin security requirements work with the AWS shared responsibility model secure your AWS public cloud in different layers of cloud computing discover how to implement authentication through federated and mobile access monitor and log tasks effectively using AWS who this book is for if you are a system administrator or a security professional looking to get AWS security certification, this book is for you. Prior experience in securing cloud environments is necessary to get the most out of this AWS book.

AWS Certified Developer Associate All-in-One Exam Guide (Exam DVA-C01) Kamesh Ganesan 2020-11-27 THIS EFFECTIVE SELF-STUDY SYSTEM DELIVERS COMPLETE COVERAGE OF EVERY TOPIC ON THE AWS CERTIFIED DEVELOPER ASSOCIATE EXAM TAKE THE CHALLENGING AWS CERTIFIED DEVELOPER ASSOCIATE EXAM WITH CONFIDENCE USING THE COMPREHENSIVE INFORMATION CONTAINED IN THIS EFFECTIVE TEST PREPARATION GUIDE. WRITTEN BY AN AMAZON WEB SERVICES CERTIFIED EXPERT AND EXPERIENCED TRAINER, AWS CERTIFIED DEVELOPER ASSOCIATE ALL-IN-ONE EXAM GUIDE (EXAM DVA-C01) COVERS EVERY SUBJECT ON THE EXAM AND CLEARLY EXPLAINS HOW TO CREATE, DEPLOY, MIGRATE, MONITOR, AND DEBUG CLOUD-NATIVE APPLICATIONS. DESIGNED TO HELP YOU PASS THE EXAM WITH EASE, THIS GUIDE ALSO SERVES AS AN IDEAL ON-THE-JOB REFERENCE. COVERS ALL TOPICS ON THE EXAM, INCLUDING: GETTING STARTED WITH AWS JOURNEY AWS HIGH AVAILABILITY AND FAULT TOLERANCE WORKING WITH CLOUD STORAGE AUTHENTICATION AND AUTHORIZATION CREATING SQL AND NOSQL DATABASES IN AWS CLOUD AWS APPLICATION INTEGRATION AND MANAGEMENT DEVELOPING CLOUD-NATIVE APPLICATIONS IN AWS BUILDING, DEPLOYING, AND DEBUGGING CLOUD APPLICATIONS ELECTRONIC CONTENT INCLUDES: 130 PRACTICE QUESTIONS TEST ENGINE CONTAINING FULL-LENGTH PRACTICE EXAMS AND CUSTOMIZABLE QUIZZES

Amazon S3 Cookbook Naoya Hashimoto 2015-08-27 OVER 30 HANDS-ON RECIPES THAT WILL GET YOU UP AND RUNNING WITH AMAZON SIMPLE STORAGE SERVICE (S3) EFFICIENTLY ABOUT THIS BOOK LEARN HOW TO STORE, MANAGE, AND ACCESS YOUR DATA WITH AWS SDKs STUDY THE AMAZON S3 PRICING MODEL AND LEARN HOW TO CALCULATE COSTS BY SIMULATING PRACTICAL SCENARIOS OPTIMIZE YOUR AMAZON S3 BUCKET BY FOLLOWING STEP-BY-STEP INSTRUCTIONS OF HOW TO DELIVER YOUR CONTENT WITH CLOUDFRONT, SECURE THE S3 BUCKET WITH IAM, AND LOWER COSTS WITH OBJECT LIFE CYCLE MANAGEMENT WHO THIS BOOK IS FOR THIS BOOK IS FOR CLOUD DEVELOPERS WHO HAVE EXPERIENCE OF USING AMAZON S3 AND ARE ALSO FAMILIAR WITH AMAZON S3.

WHAT YOU WILL LEARN HOST A STATIC WEBSITE ON AMAZON S3 CALCULATE COSTS WITH AWS SIMPLE MONTHLY CALCULATORS DEPLOY A STATIC WEBSITE VIA CLOUDFORMATION DISTRIBUTE YOUR CONTENT VIA CLOUDFRONT SECURE RESOURCES WITH BUCKET POLICIES AND IAM PROTECT OBJECTS USING SERVER-SIDE AND CLIENT-SIDE ENCRYPTION ENABLE CROSS-ORIGIN RESOURCE SHARING MANAGE OBJECTS' LIFE CYCLES TO LOWER COSTS OPTIMIZE PERFORMANCE FOR UPLOADING AS WELL AS DOWNLOADING OBJECTS ENABLE S3 EVENT NOTIFICATIONS AND CREATE LAMBDA FUNCTIONS MANAGE COMMON OPERATIONS WITH AWS SDKs IN DETAIL AMAZON S3 IS ONE OF THE MOST FAMOUS AND TRAILBLAZING CLOUD OBJECT STORAGE SERVICES, WHICH IS HIGHLY SCALABLE, LOW-LATENCY, AND ECONOMICAL. USERS ONLY PAY FOR WHAT THEY USE AND CAN STORE AND RETRIEVE ANY AMOUNT OF DATA AT ANY TIME OVER THE INTERNET, WHICH ATTRACTS HADOOP USERS WHO RUN CLUSTERS ON EC2. THE BOOK STARTS BY SHOWING YOU HOW TO INSTALL SEVERAL AWS SDKs SUCH AS iOS, JAVA, NODEJS, PHP, PYTHON, AND RUBY AND SHOWS YOU HOW TO MANAGE OBJECTS. THEN, YOU'LL BE TAUGHT HOW TO USE THE INSTALLED AWS SDKs TO DEVELOP APPLICATIONS WITH AMAZON S3. FURTHERMORE, YOU WILL EXPLORE THE AMAZON S3 PRICING MODEL AND WILL LEARN HOW TO ANNOTATE S3 BILLING WITH COST ALLOCATION TAGGING. IN ADDITION TO THIS, THE BOOK COVERS SEVERAL PRACTICAL RECIPES ABOUT HOW TO DISTRIBUTE YOUR CONTENT WITH CLOUDFRONT, SECURE YOUR CONTENT WITH IAM, OPTIMIZE AMAZON S3 PERFORMANCE, AND NOTIFY S3 EVENTS WITH LAMBDA. BY THE END OF THIS BOOK, YOU WILL BE SUCCESSFULLY IMPLEMENTING PRO-LEVEL PRACTICES, TECHNIQUES, AND SOLUTIONS IN AMAZON S3. STYLE AND APPROACH THIS FAST-PACED PRACTICAL GUIDE THAT WILL SHOW YOU HOW TO EFFICIENTLY STORE, MANAGE, AND CONTROL YOUR DATA IN AMAZON S3.

AWS Certified Solutions Architect Study Guide with 900 Practice Test Questions Ben Piper 2022-09-13 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.

AWS Certified Data Analytics Study Guide Asif Abbasi 2020-12-01 MOVE YOUR CAREER FORWARD WITH AWS CERTIFICATION! PREPARE FOR THE AWS CERTIFIED DATA ANALYTICS SPECIALTY EXAM WITH THIS THOROUGH STUDY GUIDE THIS COMPREHENSIVE STUDY GUIDE WILL HELP ASSURE YOUR TECHNICAL SKILLS AND PREPARE FOR THE UPDATED AWS CERTIFIED DATA ANALYTICS EXAM. EARNING THIS AWS CERTIFICATION WILL CONFIRM YOUR EXPERTISE IN DESIGNING AND IMPLEMENTING AWS SERVICES TO DERIVE VALUE FROM DATA. THE AWS CERTIFIED DATA ANALYTICS STUDY GUIDE: SPECIALTY (DAS-C01) EXAM IS DESIGNED FOR BUSINESS ANALYSTS AND IT PROFESSIONALS WHO PERFORM COMPLEX BIG DATA ANALYSES. THIS AWS SPECIALTY EXAM GUIDE GETS YOU READY FOR CERTIFICATION TESTING WITH EXPERT CONTENT, REAL-WORLD KNOWLEDGE, KEY EXAM CONCEPTS, AND TOPIC REVIEWS. GAIN CONFIDENCE BY STUDYING THE SUBJECT AREAS AND WORKING THROUGH THE PRACTICE QUESTIONS. BIG DATA CONCEPTS COVERED IN THE GUIDE INCLUDE: COLLECTION STORAGE PROCESSING ANALYSIS VISUALIZATION DATA SECURITY AWS CERTIFICATIONS ALLOW PROFESSIONALS DEMONSTRATE SKILLS RELATED TO LEADING AMAZON WEB SERVICES TECHNOLOGY. THE AWS CERTIFIED DATA ANALYTICS SPECIALTY (DAS-C01) EXAM SPECIFICALLY EVALUATES YOUR ABILITY TO DESIGN AND MAINTAIN BIG DATA, LEVERAGE TOOLS TO AUTOMATE DATA ANALYSIS, AND IMPLEMENT AWS BIG DATA SERVICES ACCORDING TO ARCHITECTURAL BEST PRACTICES. AN EXAM STUDY GUIDE CAN HELP YOU FEEL MORE PREPARED ABOUT TAKING AN AWS CERTIFICATION TEST AND ADVANCING YOUR PROFESSIONAL CAREER. IN ADDITION TO THE GUIDE'S CONTENT, YOU'LL HAVE ACCESS TO AN ONLINE LEARNING ENVIRONMENT AND TEST BANK THAT OFFERS PRACTICE EXAMS, A GLOSSARY, AND ELECTRONIC FLASHCARDS.

Sandeep Karanth 2014-12-29 DO YOU WANT TO BROADEN YOUR HADOOP SKILL SET AND TAKE YOUR KNOWLEDGE TO THE NEXT LEVEL? DO YOU WISH TO ENHANCE YOUR KNOWLEDGE OF HADOOP TO SOLVE CHALLENGING DATA PROCESSING PROBLEMS? ARE YOUR HADOOP JOBS, PIG SCRIPTS, OR HIVE QUERIES NOT WORKING AS FAST AS YOU INTEND? ARE YOU LOOKING TO UNDERSTAND THE BENEFITS OF UPGRADING HADOOP? IF THE ANSWER IS YES TO ANY OF THESE, THIS BOOK IS FOR YOU. IT ASSUMES NOVICE-LEVEL FAMILIARITY WITH HADOOP.

A Developer's Guide to Amazon SimpleDB Micky Habeeb 2010-07-28 THE COMPLETE GUIDE TO BUILDING CLOUD COMPUTING SOLUTIONS WITH AMAZON SIMPLEDDB USING SIMPLEDDB, ANY ORGANIZATION CAN LEVERAGE AMAZON WEB SERVICES (AWS), AMAZON'S POWERFUL CLOUD-BASED COMPUTING PLATFORM—AND DRAMATICALLY REDUCE THE COST AND RESOURCES ASSOCIATED WITH APPLICATION INFRASTRUCTURE. NOW, FOR THE FIRST TIME, THERE'S A COMPLETE DEVELOPER'S GUIDE TO BUILDING PRODUCTION SOLUTIONS WITH AMAZON SIMPLEDDB. PIONEERING SIMPLEDDB DEVELOPER MICKY HABEEB BRINGS TOGETHER ALL THE HARD-TO-FIND INFORMATION YOU NEED TO SUCCEED. MICKY TOURS THE SIMPLEDDB PLATFORM AND APIS, EXPLAINS THEIR ESSENTIAL CHARACTERISTICS AND TRADEOFFS, AND HELPS YOU DETERMINE WHETHER YOUR APPLICATIONS ARE APPROPRIATE FOR SIMPLEDDB. NEXT, HE WALKS YOU THROUGH ALL ASPECTS OF WRITING, DEPLOYING, QUERYING, OPTIMIZING, AND SECURING AMAZON SIMPLEDDB APPLICATIONS—FROM THE BASICS THROUGH ADVANCED TECHNIQUES. THROUGHOUT, MICKY DRAWS ON HIS UNSURPASSED EXPERIENCE SUPPORTING DEVELOPERS ON SIMPLEDDB'S OFFICIAL WEB FORUMS. HE OFFERS PRACTICAL TIPS AND ANSWERS THAT CAN'T BE FOUND ANYWHERE ELSE, AND PRESENTS EXTENSIVE WORKING SAMPLE CODE—FROM SNIPPETS TO COMPLETE APPLICATIONS. WITH A DEVELOPER'S GUIDE TO AMAZON SIMPLEDDB YOU WILL BE ABLE TO EVALUATE WHETHER A PROJECT IS SUITED FOR AMAZON SIMPLEDDB WRITE SIMPLEDDB APPLICATIONS THAT TAKE FULL ADVANTAGE OF SIMPLEDDB'S AVAILABILITY, SCALABILITY, AND FLEXIBILITY EFFECTIVELY MANAGE THE ENTIRE SIMPLEDDB APPLICATION LIFECYCLE DEPLOY CLOUD COMPUTING APPLICATIONS FASTER AND MORE EASILY WORK WITH SELECT AND BULK DATA OPERATIONS FINE TUNE QUERIES TO OPTIMIZE PERFORMANCE INTEGRATE SIMPLEDDB SECURITY INTO EXISTING ORGANIZATIONAL SECURITY PLANS WRITE AND ENHANCE RUNTIME SIMPLEDDB CLIENTS BUILD COMPLETE APPLICATIONS USING AJAX AND SIMPLEDDB UNDERSTAND LOW-LEVEL ISSUES INVOLVED IN WRITING CLIENTS AND FRAMEWORKS SOLVE COMMON SIMPLEDDB USAGE PROBLEMS AND AVOID HIDDEN PITFALLS THIS BOOK WILL BE AN INDISPENSABLE RESOURCE FOR EVERY IT PROFESSIONAL EVALUATING OR USING SIMPLEDDB TO BUILD CLOUD-COMPUTING APPLICATIONS, CLIENTS, OR FRAMEWORKS.

Amazon S3 Essentials Sunil Gulabani 2015-11-03 GET STARTED WITH AMAZON S3 FOR VIRTUALLY UNLIMITED CLOUD AND INTERNET STORAGE ABOUT THIS BOOK FAMILIARIZE YOURSELF WITH THE CONCEPTS OF AMAZON S3 UNDERSTAND BASIC OPERATIONS OF BUCKET, FOLDERS, AND OBJECTS USING AMAZON S3 SDK JAVA LEVERAGE THE POWER OF AMAZON S3 TO EFFECTIVELY STORE AND RETRIEVE DATA WHO THIS BOOK IS FOR THIS BOOK IS INTENDED FOR SYSTEM ENGINEERS/ DEVELOPERS, SOFTWARE ARCHITECTS, PROJECT MANAGERS, AND USERS WHO WANT TO EXPLORE AMAZON S3 SDK JAVA. IF YOU WANT TO LEARN ABOUT AMAZON S3 QUICKLY, THEN THIS BOOK IS FOR YOU. BASIC KNOWLEDGE OF JAVA PROGRAMMING IS EXPECTED. WHAT YOU WILL LEARN START WITH THE BASIC CONCEPTS OF AMAZON S3 TO GET YOU GOING USE COPY OBJECT AND MULTIPART COPY OBJECT FOR OBJECTS OF DIFFERENT SIZES UNDERSTAND HOW TO USE THE AMAZON MANAGEMENT CONSOLE FOR AMAZON S3 LEARN HOW TO USE THE AWS SDK OF JAVA AND CONSUME THE AMAZON S3 GET TO GRIPS WITH MANAGING THE BUCKET LIFE CYCLE CONFIGURE CORS TO SHARE RESOURCES TO A DIFFERENT DOMAIN DISCOVER HOW TO DEVELOP AND DEPLOY THE STATIC WEBSITE ON AMAZON S3 USING DIFFERENT SERVICES OF AMAZON IN DETAIL AMAZON SIMPLE STORAGE SERVICE (AMAZON S3), PROVIDES DEVELOPERS AND IT TEAMS WITH SECURE, DURABLE, AND HIGHLY-SCALABLE OBJECT STORAGE. AMAZON S3 IS EASY TO USE, WITH A SIMPLE WEB SERVICES INTERFACE TO STORE AND RETRIEVE ANY AMOUNT OF DATA FROM ANYWHERE ON THE WEB. S3 IS AUTOMATICALLY WEB SCALABLE AND RESPONDS TO THE REQUIREMENTS OF YOUR APPLICATION AND TRAFFIC, AND THEREFORE OFFERS A KEY ELEMENT TO HELP COMPANIES DEAL DYNAMICALLY WITH ANY SPIKE IN TRAFFIC FOR THEIR APPLICATION (SUCH AS A FREE E-BOOK OFFER). THIS BOOK STARTS WITH THE BASICS OF THE AMAZON S3 AND ITS FEATURES, AND YOU WILL QUICKLY GET AN UNDERSTANDING HOW TO USE THE AMAZON MANAGEMENT CONSOLE FOR AMAZON S3 WHICH IS THE SIMPLEST WAY TO MANAGE AMAZON S3. NEXT, WE WILL COVER BASIC OPERATIONS ON BUCKET, FOLDER, OBJECTS. ONCE THE BASIC OPERATIONS ARE UNDERSTOOD, YOU WILL KNOW HOW TO USE AMAZON S3 USING JAVA SDK.

How to Write the Solutions Architect Study Guide OBJECTS AND MULTIPART COPY OBJECTS FOR LARGE OBJECTS SIZE. YOU WILL ALSO LEARN TO MANAGE THE LIFE CYCLE OF BUCKET AND HOW TO SHARE RESOURCES TO THE DIFFERENT DOMAIN BY CONFIGURING CORS. THE BOOK WILL THEN GUIDE YOU THROUGH THE DEVELOPMENT AND DEPLOYMENT OF A STATIC WEBSITE ON AMAZON S3 USING DIFFERENT SERVICES OF AMAZON. BY THE END OF THE BOOK, YOU WILL BE ABLE TO CREATE A SCALABLE APPLICATION USING AMAZON S3. STYLE AND APPROACH THIS FAST-PACED BOOK IS A PRAGMATIC GUIDE TO WRITING AMAZON S3 APPLICATIONS. EACH CHAPTER IS BLENDED BEAUTIFULLY WITH LUCID CONCEPTS AND PERTINENT EXAMPLES.

Ben Piper 2019-03-19 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

Get Key Terms UNDERSTAND 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.

Rajkumar Buyya 2010-12-17 THE PRIMARY PURPOSE OF THIS BOOK IS TO CAPTURE THE STATE-OF-THE-ART IN CLOUD COMPUTING TECHNOLOGIES AND APPLICATIONS. THE BOOK WILL ALSO AIM TO IDENTIFY POTENTIAL RESEARCH DIRECTIONS AND TECHNOLOGIES THAT WILL FACILITATE CREATION A GLOBAL MARKET-PLACE OF CLOUD COMPUTING SERVICES SUPPORTING SCIENTIFIC, INDUSTRIAL, BUSINESS, AND CONSUMER APPLICATIONS. WE EXPECT THE BOOK TO SERVE AS A REFERENCE FOR LARGER AUDIENCE SUCH AS SYSTEMS ARCHITECTS, PRACTITIONERS, DEVELOPERS, NEW RESEARCHERS AND GRADUATE LEVEL STUDENTS. THIS AREA OF RESEARCH IS RELATIVELY RECENT, AND AS SUCH HAS NO EXISTING REFERENCE BOOK THAT ADDRESSES IT. THIS BOOK WILL BE A TIMELY CONTRIBUTION TO A FIELD THAT IS GAINING CONSIDERABLE RESEARCH INTEREST, MOMENTUM, AND IS EXPECTED TO BE OF INCREASING INTEREST TO COMMERCIAL DEVELOPERS. THE BOOK IS TARGETED FOR PROFESSIONAL COMPUTER SCIENCE DEVELOPERS AND GRADUATE STUDENTS ESPECIALLY AT MASTERS LEVEL. AS CLOUD COMPUTING IS RECOGNIZED AS ONE OF THE TOP FIVE EMERGING TECHNOLOGIES THAT WILL HAVE A MAJOR IMPACT ON THE QUALITY OF SCIENCE AND SOCIETY OVER THE NEXT 20 YEARS, ITS KNOWLEDGE WILL HELP POSITION OUR READERS AT THE FOREFRONT OF THE FIELD.