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*GB/T-2019, GB-2019 -- Chinese National Standard PDF-English, Catalog (year 2019)* Feb 25 2022 This document provides the comprehensive list of Chinese National Standards - Category: GB, GB/T Series of year 2019.

**List of English-translated Chinese standards ?GB/T?** Apr 05 2020 [HTTPS://WWW.CODEOFCHINA.COM](https://www.codeofchina.com) EMAIL:COC@CODEOFCHINA.COM

"Codeofchina Inc., a part of TransForyou (Beijing) Translation Co., Ltd., is a professional Chinese code translator in China. Now, Codeofchina Inc. is running a professional Chinese code website, [www.codeofchina.com](http://www.codeofchina.com). Through this website, Codeofchina Inc. provides English-translated Chinese codes to clients worldwide. About TransForyou TransForyou (Beijing) Translation Co., Ltd., established in 2003, is a reliable language service provider for clients at home and abroad. Since our establishment, TransForyou has been aiming to build up a translation brand with our professional dedicated service. Currently, TransForyou is the director of China Association of Engineering Construction Standardization (CECS); the committeeman of Localization Service Committee / Translators Association of China (TAC) and the member of Boya Translation Culture Salon (BTCS); and the field study center of the University of the University of International Business & Economics (UIBE) and Hebei University (HU). In 2016, TransForyou ranked 27th among Asian Language Service Providers by Common Sense Advisory. "

*A Quick Guide to API 570 Certified Pipework Inspector Syllabus* Nov 05 2022 The API Individual Certification Programs (ICPs) are well established worldwide in the oil, gas, and petroleum industries. This Quick Guide is unique in providing simple, accessible and well-structured guidance for anyone studying the API 570 Certified Pipework Inspector syllabus by: Summarising and helping them through the syllabus Providing multiple example questions and worked answers Technical standards covered include the full API 'body of knowledge' for the examination, i.e. API570 Piping inspection code; API RP 571 Damage mechanisms affecting fixed equipment in the refining industry; API RP 574 Inspection practices for piping system components; API RP 577 Welding and metallurgy; API RP 578 Material verification program for new and existing alloy piping systems; ASME V Non-destructive examination; ASME IX Welding qualifications; ASME B16.5 Pipe flanges and flanged fittings; and ASME B 31.3 Process piping. Provides simple, accessible and well-structured guidance for anyone studying the API 570 Certified Pipework Inspector syllabus Summarizes the syllabus and provides the user with multiple example questions and worked answers Technical standards covered include the full API 'body of knowledge' for the examination

**API Security in Action** Jul 09 2020 API Security in Action teaches you how to create secure APIs for any situation. By following this hands-on guide you'll

build a social network API while mastering techniques for flexible multi-user security, cloud key management, and lightweight cryptography. Summary A web API is an efficient way to communicate with an application or service. However, this convenience opens your systems to new security risks. API Security in Action gives you the skills to build strong, safe APIs you can confidently expose to the world. Inside, you'll learn to construct secure and scalable REST APIs, deliver machine-to-machine interaction in a microservices architecture, and provide protection in resource-constrained IoT (Internet of Things) environments. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology APIs control data sharing in every service, server, data store, and web client. Modern data-centric designs—including microservices and cloud-native applications—demand a comprehensive, multi-layered approach to security for both private and public-facing APIs. About the book API Security in Action teaches you how to create secure APIs for any situation. By following this hands-on guide you'll build a social network API while mastering techniques for flexible multi-user security, cloud key management, and lightweight cryptography. When you're done, you'll be able to create APIs that stand up to complex threat models and hostile environments. What's inside Authentication Authorization Audit logging Rate limiting Encryption About the reader For developers with experience building RESTful APIs. Examples are in Java. About the author Neil Madden has in-depth knowledge of applied cryptography, application security, and current API security technologies. He holds a Ph.D. in Computer Science. Table of Contents PART 1 - FOUNDATIONS 1 What is API security? 2 Secure API development 3 Securing the Natter API PART 2 - TOKEN-BASED AUTHENTICATION 4 Session cookie authentication 5 Modern token-based authentication 6 Self-contained tokens and JWTs PART 3 - AUTHORIZATION 7 OAuth2 and OpenID Connect 8 Identity-based access control 9 Capability-based security and macaroons PART 4 - MICROSERVICE APIs IN KUBERNETES 10 Microservice APIs in Kubernetes 11 Securing service-to-service APIs PART 5 - APIs FOR THE INTERNET OF THINGS 12 Securing IoT communications 13 Securing IoT APIs

A Quick Guide to API 510 Certified Pressure Vessel Inspector Syllabus Nov 24 2021 The API Individual Certification Programs (ICPs) are well established worldwide in the oil, gas, and petroleum industries. This Quick Guide is unique in providing simple, accessible and well-structured guidance for anyone studying the API 510 Certified Pressure Vessel Inspector syllabus by summarizing and helping them through the syllabus and providing multiple example questions and worked answers. Technical standards are referenced from the API 'body of knowledge' for the examination, i.e. API 510 Pressure vessel inspection, alteration, rerating; API 572 Pressure vessel inspection; API RP 571 Damage mechanisms; API RP 577 Welding; ASMEVIII Vessel design; ASMEV NDE; and ASME IX Welding qualifications. Provides simple, accessible and well-structured guidance for anyone studying the API 510 Certified Pressure Vessel Inspector syllabus Summarizes the syllabus and provides the user with multiple example questions and worked answers Technical standards are referenced from the API 'body of knowledge' for the examination

*Azure Data Scientist Associate Certification Guide* Dec 02 2019 Develop the skills you need to run machine learning workloads in Azure and pass the DP-100 exam with ease Key Features>Create end-to-end machine learning training pipelines, with or without codeTrack experiment progress using the cloud-based MLflow-compatible process of Azure ML servicesOperationalize your machine learning models by creating batch and real-time endpointsBook Description The Azure Data Scientist Associate Certification Guide helps you acquire practical knowledge for machine learning experimentation on Azure. It covers everything you need to pass the DP-100 exam and become a certified Azure Data Scientist Associate. Starting with an introduction to data science, you'll learn the terminology that will be used throughout the book and then move on to the Azure Machine Learning (Azure ML) workspace. You'll discover the studio interface and manage various components, such as data stores and compute clusters. Next, the book focuses on no-code and low-code experimentation, and shows you how to use the Automated ML wizard to locate and deploy optimal models for your dataset. You'll also learn how to run end-to-end data science experiments using the designer provided in Azure ML Studio. You'll then explore the Azure ML Software Development Kit (SDK) for Python and advance to creating experiments and publishing models using code. The book also guides you in optimizing your model's hyperparameters using Hyperdrive before demonstrating how to use responsible AI tools to interpret and debug your models. Once you have a trained model, you'll learn to operationalize it for batch or real-time inferences and monitor it in production. By the end of this Azure certification study guide, you'll have gained the knowledge and the practical skills required to

pass the DP-100 exam. What you will learn  
Create a working environment for data science workloads on Azure  
Run data experiments using Azure Machine Learning services  
Create training and inference pipelines using the designer or code  
Discover the best model for your dataset using Automated ML  
Use hyperparameter tuning to optimize trained models  
Deploy, use, and monitor models in production  
Interpret the predictions of a trained model  
Who this book is for  
This book is for developers who want to infuse their applications with AI capabilities and data scientists looking to scale their machine learning experiments in the Azure cloud. Basic knowledge of Python is needed to follow the code samples used in the book. Some experience in training machine learning models in Python using common frameworks like scikit-learn will help you understand the content more easily.

**Certified OpenStack Administrator Study Guide** Oct 24 2021 Teaches you how and what to study in order to be best prepared for the Certified OpenStack Administrator exam. This fast-growing technology is creating a market that needs more qualified IT specialists with proven skills. This book covers 100% of the exam requirements for both The OpenStack Foundation and the Mirantis OpenStack Certification Exam. Each theme is taught using practical exercises and instructions for the command line and for the graphical client (Horizon). Each chapter is followed by review questions, complete with answers. Even after you have taken and passed your OpenStack exam, this book will remain a useful reference. What You Will Learn Understand the components that make up the cloud. Install and make an OpenStack distribution from Mirantis, Red Hat or another community version. Work with OpenStack Identity Management, Dashboard, CLI, Object Storage, Block Storage, Networking, Telemetry, Orchestration, and Image Services. Learn how to troubleshoot all the main OpenStack services. Understand where to find information for future work with OpenStack. Who This Book Is For Certified OpenStack Administrator Study Guide is for Cloud and Linux engineers looking for a better understanding of how to work with the modern OpenStack IaaS Cloud, and wants to prove their knowledge by passing a Certified OpenStack Administrator Exam.

**AWS Certified Solutions Architect Study Guide with Online Labs** Aug 22 2021 Virtual, hands-on learning labs allow you to apply your technical skills in realistic environments. So Sybex has bundled AWS labs from XtremeLabs with our popular AWS Certified Solutions Architect Study Guide to give you the same experience working in these labs as you prepare for the Certified Solutions Architect Exam that you would face in a real-life application. These labs in addition to the book are a proven way to prepare for the certification and for work as an AWS Solutions Architect. This is your opportunity to take the next step in your career by expanding and validating your skills on the AWS Cloud. AWS has been the frontrunner in cloud computing products and services, and the UPDATED AWS Certified Solutions Architect Study Guide, Third Edition, for the Associate SAA-C02 Exam will get you fully prepared. This study guide covers exam concepts, and provides key review of exam topics, including: Designing resilient architectures Designing high-performing architectures Designing secure applications and architectures Designing cost-optimized architectures If you are looking to take the AWS Certified Solutions Architect Associate exam, this guide is what you need for comprehensive content and robust study tools that will help you gain the edge on exam day and throughout your career. Readers will have access to Sybex's superior online interactive learning environment and test bank, including hundreds of test questions, practice exams, electronic flashcards, and a glossary of key terms. And included with this version of the book, XtremeLabs virtual labs that run from your browser. The registration code is included with the book and gives you 6 months of unlimited access to XtremeLabs AWS Certified Solutions Architect Labs with 12 unique lab modules based on the book. If you are unable to register your lab PIN code, please contact Wiley customer support for a replacement PIN code.

**AWS Certified Developer Official Study Guide** Oct 04 2022 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, propelling AWS to the number-one spot among cloud service providers. Now these businesses need qualified AWS developers, and the AWS certification validates the exact skills and knowledge they're looking for. When you're ready to get serious about your cloud credentials, the AWS Certified Developer Official Study Guide—Associate Exam is the resource you need to pass the exam with flying colors. NOTE: As of October 7, 2019, the accompanying code for hands-on exercises in the book is available for downloading from the secure Resources area in the online test bank. You'll find code for Chapters 1, 2, 11, and 12.

**Unity Certified Programmer Exam Guide** Nov 12 2020 A practical guide to Unity game scripting using C#, along with practice tests, exam tips, and easy-to-follow examples to help you pass the exam and become a professional Unity programmer Key Features Learn essentials of game scripting with Unity and C# to customize aspects of your game Tackle challenges in Unity game development and the certification exam using effective techniques and solutions Prepare for the latest Unity certification exam using mock tests, exam tips, and self-assessment questions Book Description Unity Certified Programmer is a global certification program by Unity for anyone looking to become a professional Unity developer. The official Unity programmer exam will not only validate your Unity knowledge and skills, but will also enable you to be a part of the Unity community. This study guide will start by building on your understanding of C# programming and taking you through the process of downloading and installing Unity. You'll understand how Unity works and get to grips with the Unity exam's core objectives. As you advance, you'll enhance your skills by creating an enjoyable side-scrolling shooter game that can be played within the Unity Editor or any modern Android mobile device. This Unity book will test your knowledge with self-assessment questions and help you take your skills to an advanced level by working with Unity tools such as the animator, particle effects, lighting, UI/UX, scriptable objects, and debugging. By the end of this book, you'll have developed a solid understanding of the different tools in Unity and be able to create impressive Unity applications by making the most of its toolset. What you will learn Discover techniques for writing modular, readable, and reusable scripts in Unity Implement and configure objects, physics, controls, and movements for your game projects Understand 2D and 3D animation and write scripts to interact and use Unity's rendering API Explore Unity APIs for adding lighting, materials, and textures to your apps Write Unity scripts for building interfaces for menu systems, UI navigation, application settings, and much more Focus on SOLID principles for writing clean and maintainable Unity applications Who this book is for This Unity engine book is for game developers, software developers, mobile app developers, and Unity developers who want to advance in their career and gain gaming industry certification. The book assumes basic knowledge of C# programming and the Unity engine.

**Becoming a Salesforce Certified Technical Architect** Jul 01 2022 Design and build high-performance, secure, and scalable Salesforce solutions to meet business demands and gain practical experience using real-world scenarios by creating engaging end-to-end solution presentations Key Features • Learn common integration, data migration, and security patterns for designing scalable and reliable solutions on the Salesforce Lightning platform • Build an end-to-end delivery framework pipeline for delivering successful projects within specified timelines • Gain access to an exclusive book club of skilled Salesforce professionals, to discuss ideas, best practices, and share experiences of designing modern solutions using Salesforce Book Description Salesforce Certified Technical Architect (CTA) is the ultimate certification to validate your knowledge and skills when it comes to designing and building high-performance technical solutions on the Salesforce platform. The CTA certificate is granted after successfully passing the CTA review board exam, which tests your platform expertise and soft skills for communicating your solutions and vision. You'll start with the core concepts that every architect should master, including data lifecycle, integration, and security, and build your aptitude for creating high-level technical solutions. Using real-world examples, you'll explore essential topics such as selecting systems or components for your solutions, designing scalable and secure Salesforce architecture, and planning the development lifecycle and deployments. Finally, you'll work on two full mock scenarios that simulate the review board exam, helping you learn how to identify requirements, create a draft

solution, and combine all the elements together to create an engaging story to present in front of the board or to a client in real life. By the end of this Salesforce book, you'll have gained the knowledge and skills required to pass the review board exam and implement architectural best practices and strategies in your day-to-day work. What you will learn • Explore data lifecycle management and apply it effectively in the Salesforce ecosystem • Design appropriate enterprise integration interfaces to build your connected solution • Understand the essential concepts of identity and access management • Develop scalable Salesforce data and system architecture • Design the project environment and release strategy for your solution • Articulate the benefits, limitations, and design considerations relating to your solution • Discover tips, tricks, and strategies to prepare for the Salesforce CTA review board exam Who this book is for This book is for Salesforce architects who want to become certified technical architects by learning how to design secure and scalable technical solutions for their organizations. A solid understanding of the Salesforce platform is required, ideally combined with 3 to 5 years of practical experience as an application architect, system architect, enterprise architect, or solution architect. Table of Contents • Starting Your Journey as a CTA • Core Architectural Concepts - Data • Core Architectural Concepts - Integration and Cryptography • Core Architectural Concepts - Identity and Access Management • Developing a Scalable System Architecture • Formulating a Secure Architecture in Salesforce • Designing a Scalable Salesforce Data Architecture • Creating a Lean Solution Architecture • Forging an Integrated Solution • Development Life Cycle and Deployment Planning • Communicating and Socialising Your Solution • Practice the Review Board - First Mock (N.B. Please use the Look Inside option to see further chapters)

**CISSP (ISC)2 Certification Practice Exams and Tests** Feb 13 2021 Pass the Certified Information Systems Security Professional Exam with our all-new set of practice exams designed to simulate the latest exam version Key Features Get ready to take the CISSP exam with the help of practice questions covering all concepts tested in the exam Discover and fill the gaps in your knowledge with detailed explanations of answers Take two full practice exams that simulate CISSP version May 2021 Book Description The CISSP exam is for security professionals who understand that poor security can put a company out of business. The exam covers eight important security domains - risk management, security architecture, data security, network security, identity management, auditing, security operations, and software development security. Designed to cover all the concepts tested in the CISSP exam, CISSP (ISC)2 Certification Practice Exams and Tests will assess your knowledge of information security and introduce you to the tools you need to master to pass the CISSP exam (version May 2021). With more than 100 questions for every CISSP domain, this book will test your understanding and fill the gaps in your knowledge with the help of descriptive answers and detailed explanations. You'll also find two complete practice exams that simulate the real CISSP exam, along with answers. By the end of this book, you'll be ready to take and pass the (ISC)2 CISSP exam and achieve the Certified Information Systems Security Professional certification putting you in the position to build a career as a security engineer, security manager, or chief information security officer (CISO) What you will learn Understand key principles of security, risk management, and asset security Become well-versed with topics focused on the security architecture and engineering domain Test your knowledge of IAM and communication using practice questions Study the concepts of security assessment, testing, and operations Find out which security controls are applied in software development security Find out how you can advance your career by acquiring this gold-standard certification Who this book is for This book is for existing and aspiring security professionals, security engineers, security managers, and security experts who want to validate their skills and enhance their careers by passing the CISSP 2021 exam. Prior experience working in at least two of the CISSP security domains will be beneficial.

**SAP BW Certification** Apr 17 2021 Provides an overview to the exam's topics, including a "Need to Know" list that identifies areas that must be understood in-depth. Includes exercises that can be performed, usually with a small test BW server. Contains practice test questions that assess the readers knowledge of the current exam topics. Serves as a complement to the classroom training provided by SAP.

**Beginning Java 8 APIs, Extensions and Libraries** Jun 27 2019 Beginning Java 8 APIs, Extensions and Libraries completes the Apress Java learning journey and is a comprehensive approach to learning the Java Swing, JavaFX, Java Scripting, JDBC and network programming APIs. This book covers the key extensions of the Java programming language such as Swing, JavaFX, network programming, and JDBC. Each topic starts with a discussion of the topic's background. A step-by-step process, with small snippets of Java code, provides easy-to-follow instructions. At the end of a topic, a complete and ready-to-run Java program is

provided. This book contains over 130 images and diagrams to help you visualize and better understand the topics. More than 130 complete programs allow you to practice and quickly learn the topics. The Swing chapters discuss various aspects of working with a GUI, from the very basic concepts of developing a Swing application, to the most advanced topics, such as decorating a Swing component with a JLayer, drag-and-drop features, Synth Skinnable L&F, etc. The chapter on network programming covers the basics of network technologies first, and then, the advanced topics of network programming, using a Java class library. It covers IPv4 and IPv6, addressing schemes, subnetting, supernetting, multicasting, TCP/IP sockets, UPD sockets, asynchronous socket I/O, etc. The chapter on JDBC provides the details of connecting and working with databases such as Oracle, SQL Server, MySQL, DB2, Java DB (Apache Derby), Sybase, Adaptive Server Anywhere, etc. It contains a complete discussion on processing a ResultSet and a RowSet. It discusses how to use the RowSetFactory, to obtain a RowSet object of a specific type. Working with Large Objects (LOBs), such as Blob, Clob, and NClob, is covered in detail with Java code examples and database scripts.

**WHO Expert Committee on Specifications for Pharmaceutical Preparations** Oct 12 2020 This report sets out the recommendations of an international group of experts relating to developments in the quality assurance of medicines and specifications for drug substances and dosage forms. It contains guidelines of direct relevance to the UN Prequalification Programme for Priority Essential Medicines and for quality control laboratories, including procedures governing the assessment of pharmaceutical products for procurement by UN agencies and for assessing the acceptability of quality control laboratories. It also includes discussion regarding several monographs for inclusion in the International Pharmacopoeia, relating to antiretrovirals, including fixed-dose combinations, TB medicines and antimalarial and paediatric medicines.

**AWS Certified Solutions Architect Study Guide** Sep 22 2021 Master the intricacies of Amazon Web Services and efficiently prepare for the SAA-C02 Exam with this comprehensive study guide AWS Certified Solutions Study Guide: Associate (SAA-C02) Exam, Third Edition comprehensively and efficiently prepares you for the SAA-C02 Exam. The study guide contains robust and effective study tools that will help you succeed on the exam. The guide grants you access to the regularly updated Sybex online learning environment and test bank, which contains hundreds of test questions, bonus practice exams, electronic flashcards, and a glossary of key terms. In this study guide, accomplished and experienced authors Ben Piper and David Clinton show you how to: Design resilient architectures Create high-performing architectures Craft secure applications and architectures Design cost-optimized architectures Perfect for anyone who hopes to begin a new career as an Amazon Web Services cloud professional, the study guide also belongs on the bookshelf of any existing AWS professional who wants to brush up on the fundamentals of their profession.

**Getting Started with IBM API Connect: Scenarios Guide** Aug 10 2020 IBM® API Connect is an API management solution from IBM that offers capabilities to create, run, manage, and secure APIs and microservices. By using these capabilities, the full lifecycle of APIs for on-premises and cloud environments can be managed. This IBM Redpaper™ publication describes practical scenarios that show the API Connect capabilities for managing the full API life cycle, creating, running, securing, and managing the APIs. This Redpaper publication is targeted to users of an API Connect based API strategy, developers, IT architects, and technical evangelists. If you are not familiar with APIs or API Connect, we suggest that you read the Redpaper publication Getting Started with IBM API Connect: Concepts, Architecture and Strategy Guide, REDP-5349, before reading this publication.

**J2EE Security for Servlets, EJBs and Web Services** Mar 29 2022 - Explains security concepts in simple terms and relates these to standards, Java APIs, software products and day-to-day job activities of programmers. - Written by a practitioner who participated in the development of a J2EE App Server and Web Services Platform at HP. - Applied security measures demonstrated on Java APIs - a unique feature of the book.

**Practitioner's Guide to Health Informatics** Aug 29 2019 "This book will be a terrific introduction to the field of clinical IT and clinical informatics" -- Kevin Johnson "Dr. Braunstein has done a wonderful job of exploring a number of key trends in technology in the context of the transformations that are occurring in our health care system" -- Bob Greenes "This insightful book is a perfect primer for technologists entering the health tech field." -- Deb Estrin "This book should be read by everyone.?" -- David Kibbe This book provides care providers and other non-technical readers with a broad, practical overview of the changing US

healthcare system and the contemporary health informatics systems and tools that are increasingly critical to its new financial and clinical care paradigms. US healthcare delivery is dramatically transforming and informatics is at the center of the changes. Increasingly care providers must be skilled users of informatics tools to meet federal mandates and succeed under value-based contracts that demand higher quality and increased patient satisfaction but at lower cost. Yet, most have little formal training in these systems and technologies. Providers face system selection issues with little unbiased and insightful information to guide them. Patient engagement to promote wellness, prevention and improved outcomes is a requirement of Meaningful Use Stage 2 and is increasingly supported by mobile devices, apps, sensors and other technologies. Care providers need to provide guidance and advice to their patients and know how to be incorporated as they generate into their care. The one-patient-at-a-time care model is being rapidly supplemented by new team-, population- and public health-based models of care. As digital data becomes ubiquitous, medicine is changing as research based on that data reveals new methods for earlier diagnosis, improved treatment and disease management and prevention. This book is clearly written, up-to-date and uses real world examples extensively to explain the tools and technologies and illustrate their practical role and potential impact on providers, patients, researchers, and society as a whole.

**Complete Java 2 Certification Study Guide** Jan 27 2022 Here's the book you need to prepare for the Java 2 Programmer (SCJP) and Developer (SCJD) exams. This Study Guide was developed to meet the exacting requirements of today's certification candidates. In addition to the consistent and accessible instructional approach that has earned Sybex the reputation as the leading publisher for certification self-study guides, this book provides: In-depth coverage of every exam objective for the revised SCJP Exam Hundreds of challenging practice questions Leading-edge exam preparation software, including a test engine and the entire book on PDF Authoritative instruction on all revised Programmer exam objectives, including: Declarations, initialization and scoping Flow control API contents Concurrency Object-oriented concepts Collections and generics Language fundamentals Detailed discussion of the key topics included in the Developer exam, including: Swing components and events Layout managers Enhancing and extending the database Writing the network protocol Building the database server Connecting the client and server

**Advanced API Security** Jan 15 2021 Advanced API Security is a complete reference to the next wave of challenges in enterprise security--securing public and private APIs. API adoption in both consumer and enterprises has gone beyond predictions. It has become the 'coolest' way of exposing business functionalities to the outside world. Both your public and private APIs, need to be protected, monitored and managed. Security is not an afterthought, but API security has evolved a lot in last five years. The growth of standards, out there, has been exponential. That's where AdvancedAPI Security comes in--to wade through the weeds and help you keep the bad guys away while realizing the internal and external benefits of developing APIs for your services. Our expert author guides you through the maze of options and shares industry leading best practices in designing APIs for rock-solid security. The book will explain, in depth, securing APIs from quite traditional HTTP Basic Authentication to OAuth 2.0 and the standards built around it. Build APIs with rock-solid security today with Advanced API Security. Takes you through the best practices in designing APIs for rock-solid security. Provides an in depth tutorial of most widely adopted security standards for API security. Teaches you how to compare and contrast different security standards/protocols to find out what suits your business needs the best.

**AWS Certified Machine Learning Specialty: MLS-C01 Certification Guide** Jan 03 2020 Prepare to achieve AWS Machine Learning Specialty certification with this complete, up-to-date guide and take the exam with confidence Key FeaturesGet to grips with core machine learning algorithms along with AWS implementationBuild model training and inference pipelines and deploy machine learning models to the Amazon Web Services (AWS) cloudLearn all about the AWS services available for machine learning in order to pass the MLS-C01 examBook Description The AWS Certified Machine Learning Specialty exam tests your competency to perform machine learning (ML) on AWS infrastructure. This book covers the entire exam syllabus using practical examples to help you with your real-world machine learning projects on AWS. Starting with an introduction to machine learning on AWS, you'll learn the fundamentals of machine learning and explore important AWS services for artificial intelligence (AI). You'll then see how to prepare data for machine learning and discover a wide variety of techniques for data manipulation and transformation for different types of variables. The book also shows you how to handle missing data and outliers and takes you through various machine learning tasks such as classification, regression, clustering, forecasting, anomaly detection, text mining, and image

processing, along with the specific ML algorithms you need to know to pass the exam. Finally, you'll explore model evaluation, optimization, and deployment and get to grips with deploying models in a production environment and monitoring them. By the end of this book, you'll have gained knowledge of the key challenges in machine learning and the solutions that AWS has released for each of them, along with the tools, methods, and techniques commonly used in each domain of AWS ML. What you will learn

- Understand all four domains covered in the exam, along with types of questions, exam duration, and scoring
- Become well-versed with machine learning terminologies, methodologies, frameworks, and the different AWS services for machine learning
- Get to grips with data preparation and using AWS services for batch and real-time data processing
- Explore the built-in machine learning algorithms in AWS and build and deploy your own models
- Evaluate machine learning models and tune hyperparameters
- Deploy machine learning models with the AWS infrastructure

Who this book is for This AWS book is for professionals and students who want to prepare for and pass the AWS Certified Machine Learning Specialty exam or gain deeper knowledge of machine learning with a special focus on AWS. Beginner-level knowledge of machine learning and AWS services is necessary before getting started with this book.

**Official Google Cloud Certified Professional Data Engineer Study Guide** Mar 17 2021 The proven Study Guide that prepares you for this new Google Cloud exam The Google Cloud Certified Professional Data Engineer Study Guide, provides everything you need to prepare for this important exam and master the skills necessary to land that coveted Google Cloud Professional Data Engineer certification. Beginning with a pre-book assessment quiz to evaluate what you know before you begin, each chapter features exam objectives and review questions, plus the online learning environment includes additional complete practice tests. Written by Dan Sullivan, a popular and experienced online course author for machine learning, big data, and Cloud topics, Google Cloud Certified Professional Data Engineer Study Guide is your ace in the hole for deploying and managing analytics and machine learning applications. Build and operationalize storage systems, pipelines, and compute infrastructure Understand machine learning models and learn how to select pre-built models Monitor and troubleshoot machine learning models Design analytics and machine learning applications that are secure, scalable, and highly available. This exam guide is designed to help you develop an in depth understanding of data engineering and machine learning on Google Cloud Platform.

**VMware Certified Professional Test Prep** Aug 02 2022 Written by VM-certified instructors with years of professional and teaching experience, VMware Certified Professional Test Prep is the ultimate guide to the VCP exam. Its organized and highly practical approach will help administrators successfully complete the exam while also maximizing their ability to apply this tool on the job. The guide covers the body of knowledge required of a VMware certified professional, provides the tools needed to keep that knowledge current, and helps develop the wherewithal to apply that knowledge to real solutions. Covering the ESX 3.0.x through ESX 3.5.x releases that are the focus of the VCP test, this volume: Reproduces many of the real-world examples that have proven very helpful to students in the authors' classrooms Applies step-by-step instructions to more than 700 software screenshots, providing a virtual hands-on experience Points to Web resources that will keep the reader current with the latest advances Includes logistical information on the test, including costs and class location Covers background information on various topics such as storage and networking to provide a complete understanding on the implementation of a VMWare VI3 solution Provides questions at the end of the chapters that cover the important concepts Also of great use to those administrators who have already received their certification, this book includes solutions to many of the common gotchas that they are certain to encounter in virtual environments. In particular, capacity-planning concepts reveal the specific details needed to make full use of VMware's unique resource management capabilities. Troubleshooting tips appear throughout the book, making it a useful resource in the virtualized datacenter.

**AWS Certified Solutions Architect Study Guide** Dec 26 2021 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.

**Services in Global Value Chains** Apr 29 2022 This compilation of 22 firm-specific case studies is an important contribution to the discussion of 'servicification' trends in manufacturing. 'Services have increased in importance and value in many manufacturing value chains, making companies that produce physical products look more like service enterprises. What services do global value chains use in their operations, how important are they and how do economic policies shape firms' configurations, operations, and location of global value chains? This book addresses these questions and more. The interviewed firms, based in 12 APEC economies, come from different sectors ranging from multinational automotive, construction equipment, and electrical appliance manufacturers to small and medium manufacturers of watches or chemical for water treatment. The book analyses what specific services are important in different stages of the value chain, and whether they are typically provided in-house or outsourced. Contents: Manufacturing-Related Services (Patrick Low and Gloria O Pasadilla) Manufacturing of Aircraft Control Systems in the Philippines (Andre Wirjo and Gloria O Pasadilla) Industrial Welding Services in Thailand (William Haines) Manufacturing of Mining and Construction Equipment (David Sit and Patrick Low) Manufacturing of Computer Servers (Yuhua Zhang) Wastewater Treatment Services (Arian Hassani and Andre Wirjo) Manufacturing of Automotive Components in the ASEAN Region (Denise Cheung) Manufacturing of Oil and Gas Industry Equipment in Singapore (Andre Wirjo and Gloria O Pasadilla) Car Manufacturing in the Philippines (Sherry Stephenson) Manufacturing of Thermal Power Generation Equipment (Gloria O Pasadilla) Production of Precision Die and Machine Parts in Thailand (Denise Cheung and Andre Wirjo) Manufacturing of Refrigerators (David Sit) Watch Manufacturing (Deborah Elms) Manufacturing of Automotive Components in Mexico: Perspectives from Three Firms (Andre Wirjo, Gloria O Pasadilla and Joel G Bassig) Manufacturing of Telecommunications Equipment (Huani Zhu and Gloria O Pasadilla) Manufacturing of Printed Circuit Boards in Canada (Ben Shepherd) Wine Industry in Chile (Karina Fernandez-Stark and Penny Bamber) Integrated Logistics Solutions Provider in Mexico (Andre Wirjo and Gloria O Pasadilla) Remanufacturing Services in the Construction Machinery Value Chain (Katherine Tait and Gary Gereffi) Manufacturing of Consumer Electronic Appliances in Indonesia (Emmanuel A San Andres) Fresh Cherry Industry in Chile (Penny Bamber and Karina Fernandez-Stark) Readership: Researchers, students and academics who are interested in international trade; trade economists; policymakers and general public who are interested in manufacturing related topics.

*AWS Certified Machine Learning Study Guide* Oct 31 2019 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.

**GB/T-2020, GB-2020 -- Chinese National Standard PDF-English, Catalog (year 2020)** May 19 2021 This document provides the comprehensive list of Chinese National Standards - Category: GB, GB/T Series of year 2020.

**Chemistry and Technology of Lubricants** May 31 2022 "Chemistry and Technology of Lubricants" describes the chemistry and technology of base oils, additives and applications of liquid lubricants. This Third Edition reflects how the chemistry and technology of lubricants has developed since the First Edition was published in 1992. The acceleration of performance development in the past 35 years has been as significant as in the previous century: Refinery processes have become more precise in defining the physical and chemical properties of higher quality mineral base oils. New and existing additives have improved performance through enhanced understanding of their action. Specification and testing of lubricants has become more focused and rigorous. "Chemistry and Technology of Lubricants" is directed principally at those working in the lubricants industry as well as individuals working within academia seeking a chemist's viewpoint of lubrication. It is also of value to engineers and technologists requiring a more fundamental understanding of the subject.

**Latest Amazon AWS Certified Developer Associate DVA-C01 Exam Questions and Answers** Sep 10 2020 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

**Certification Authority Law: Around the World** May 07 2020 Stephen Errol Blythe is Professor of Accounting & Business Law in the College of Business Administration, Abu Dhabi University, Abu Dhabi, United Arab Emirates. He earned a Ph.D. in Business Administration at the University of Arkansas in 1979 and a Ph.D. in Computer Law at The University of Hong Kong in 2010. He has published 34 computer law articles in distinguished journals such as: Chicago-Kent Journal of Intellectual Property, Columbia Journal of East European Law, European Journal of Law and Economics, Houston Journal of International Law, North Carolina Journal of Law and Technology, Northwestern Journal of International Law and Business, Syracuse Journal of International Law and Commerce, and Tulane Journal of Technology and Intellectual Property. In the 1980s, he practiced law solo in Houston, Texas representing numerous plaintiffemployees in litigation against defendant-employers. In the 1990s, he was affiliated with the law firm of Cheek, Cheek & Cheek in Oklahoma City and represented numerous defendant-insurance companies in litigation. He has traveled to more than 50 countries on 6 continents. Dr. Blythe may be contacted at: [ecommercelaw@hotmail.com](mailto:ecommercelaw@hotmail.com).

*EG-ICE 2021 Workshop on Intelligent Computing in Engineering* Dec 14 2020 The 28th EG-ICE International Workshop 2021 brings together international experts working at the interface between advanced computing and modern engineering challenges. Many engineering tasks require open-world resolutions to support multi-actor collaboration, coping with approximate models, providing effective engineer-computer interaction, search in multi-dimensional solution spaces, accommodating uncertainty, including specialist domain knowledge, performing sensor-data interpretation and dealing with incomplete knowledge. While results from computer science provide much initial support for resolution, adaptation is unavoidable and most importantly, feedback from addressing engineering challenges drives fundamental computer-science research. Competence and knowledge transfer goes both ways. Der 28. Internationale EG-ICE Workshop 2021 bringt internationale Experten zusammen, die an der Schnittstelle zwischen fortgeschrittener Datenverarbeitung und modernen technischen Herausforderungen arbeiten. Viele ingenieurwissenschaftliche Aufgaben erfordern Open-World-Resolutionen, um die Zusammenarbeit mehrerer Akteure zu unterstützen, mit approximativen Modellen umzugehen, eine effektive Interaktion zwischen Ingenieur und Computer zu ermöglichen, in mehrdimensionalen Lösungsräumen zu suchen, Unsicherheiten zu berücksichtigen, einschließlich fachspezifischen Domänenwissens, Sensordateninterpretation durchzuführen und mit unvollständigem Wissen umzugehen. Während die Ergebnisse aus der Informatik anfänglich viel Unterstützung für die Lösung bieten, ist eine Anpassung unvermeidlich, und am wichtigsten ist, dass das Feedback aus der Bewältigung technischer Herausforderungen die computer-wissenschaftliche Grundlagenforschung vorantreibt. Kompetenz und Wissenstransfer gehen in beide Richtungen.

**National Vital Statistics Reports** Mar 05 2020

**Financial Cryptography and Data Security** Feb 02 2020 This book constitutes revised selected papers from the proceedings of the 26th International

Conference on Financial Cryptography and Data Security, FC 2022, which was held in Grenada during May 2022. The 32 full papers and 4 short papers included in this book were carefully reviewed and selected from 159 submissions. They were organized in topical sections as follows: tokenomics; MPC (mostly); privacy; ZKP; old-school consensus; mostly payment networks; incentives; not proof of work; performance; measurements.

*GB/T-2018, GB-2018 -- Chinese National Standard PDF-English, Catalog (year 2018)* Sep 03 2022 This document provides the comprehensive list of Chinese National Standards - Category: GB, GB/T Series of year 2018.

**AWS Certified Cloud Practitioner Exam Guide** Jun 07 2020 The book is an exam guide to help you pass the AWS Cloud Certified Practitioner exam. The book includes topics for all four domains asked in the exam. In addition, in the second part (Practice Tests), there are five practice test sets with answers – each set contains unique 65 exam-like questions. These questions will help you apply your learning to better prepare for the exam and clear the exam on the first attempt. Topics are explained very well with the help of diagrams, screenshots, and references.

*A Quick Guide to API 653 Certified Storage Tank Inspector Syllabus* Jul 29 2019 The API Individual Certification Programs (ICP) are well established in the oil/gas/petroleum industries. API runs multiple examination sites around the world at 6-monthly intervals. The three main ICPs are: API 570: Certified pipework inspector; API 510: Certified pressure vessel inspector; API 653: Certified storage tank inspector. Reviews one of API's three main ICPs: API 653: Certified storage tank inspector Discusses key definitions and scope, inspection regimes and testing techniques relating to tank design, linings, welds, protection systems, repair and alteration API Individual Certification Programs (ICP) are well established in the oil/gas/petroleum industries

*Windows Server 2008 PKI and Certificate Security* Sep 30 2019 Get in-depth guidance for designing and implementing certificate-based security solutions—straight from PKI expert Brian Komar. No need to buy or outsource costly PKI services when you can use the robust PKI and certificate-based security services already built into Windows Server 2008! This in-depth reference teaches you how to design and implement even the most demanding certificate-based security solutions for wireless networking, smart card authentication, VPNs, secure email, Web SSL, EFS, and code-signing applications using Windows Server PKI and certificate services. A principal PKI consultant to Microsoft, Brian shows you how to incorporate best practices, avoid common design and implementation mistakes, help minimize risk, and optimize security administration.

**Advances in Grid and Pervasive Computing** Jun 19 2021 This book constitutes the refereed proceedings of the Second International Conference on Grid and Pervasive Computing, GPC 2007, held in Paris, France in May 2007. It covers all aspects of grid and pervasive computing and focuses on topics such as cluster computing, grid computing, semantic Web and semantic grid, service-oriented computing, peer-to-peer computing, mobile computing, as well as grid and pervasive related applications.

Health Informatics on FHIR: How HL7's New API is Transforming Healthcare Jul 21 2021 This textbook begins with an introduction to the US healthcare delivery system, its many systemic challenges and the prior efforts to develop and deploy informatics tools to help overcome those problems. It goes on to discuss health informatics from an historical perspective, its current state and its likely future state now that electronic health record systems are widely deployed, the HL7 Fast Healthcare Interoperability standard is being rapidly accepted as the means to access the data stored in those systems and analytics is increasing being used to gain new knowledge from that aggregated clinical data. It then turns to some of the important and evolving areas of informatics including population and public health, mHealth and big data and analytics. Use cases and case studies are used in all of these discussions to help readers connect the technologies to real world challenges. Effective use of informatics systems and tools by providers and their patients is key to improving the quality, safety and cost of healthcare. With health records now digital, no effective means has existed for sharing them with patients, among the multiple providers who may care for them and for important secondary uses such as public/population health and research. This problem is a topic of congressional discussion and is addressed by the 21st Century Cures Act of 2016 that mandates that electronic health record (EHR) systems offer a patient-facing API. HL7's Fast Healthcare Interoperability Resources (FHIR) is that API and this is the first comprehensive treatment of the technology and the many ways it is already being used. FHIR is based on web technologies and is thus a far more facile, easy to implement approach that is rapidly gaining acceptance. It is also the basis for a 'universal

health app platform' that literally has the potential to foster innovation around the data in patient records similar to the app ecosystems smartphones created around the data they store. FHIR app stores have already been opened by Epic and Cerner, the two largest enterprise EHR vendors. Provider facing apps are already being explored to improve EHR usability and support personalized medicine. Medicare and the Veteran's Administration have announced FHIR app platforms for their patients. Apple's new IOS 11.3 features the ability for consumers to aggregate their health records on their iPhone using FHIR. Health insurance companies are exploring applications of FHIR to improve service and communication with their providers and patients. SureScripts, the national e-Prescribing network, is using FHIR to help doctors know if their patients are complying with prescriptions. This textbook is for introductory health informatics courses for computer science and health sciences students (e.g. doctors, nurses, PhDs), the current health informatics community, IT professionals interested in learning about the field and practicing healthcare providers. Though this textbook covers an important new technology, it is accessible to non-technical readers including healthcare providers, their patients or anyone interested in the use of healthcare data for improved care, public/population health or research.