

Certified Data Centre Professional Ebook

NGINX is one of the most widely used web servers available today, in part because of its capabilities as a load balancer and reverse proxy server for HTTP and other network protocols. This cookbook provides easy-to-follow examples to real-world problems in application delivery. The practical recipes will help you set up and use either the open source or commercial offering to solve problems in various use cases. For professionals who understand modern web architectures, such as n-tier or microservice designs, and common web protocols including TCP and HTTP, these recipes provide proven solutions for security, software load balancing, and monitoring and maintaining NGINX's application delivery platform. You'll also explore advanced features of both NGINX and NGINX Plus, the free and licensed versions of this server. You'll find recipes for: High-performance load balancing with HTTP, TCP, and UDP Securing access through encrypted traffic, secure links, HTTP authentication subrequests, and more Deploying NGINX to Google Cloud, AWS, and Azure cloud computing services Setting up and configuring NGINX Controller Installing and configuring the NGINX Plus App Protect module Enabling WAF through Controller ADC

Provides the fundamentals, technologies, and best practices in designing, constructing and managing mission critical, energy efficient data centers Organizations in need of high-speed connectivity and nonstop systems operations depend upon data centers for a range of deployment solutions. A data center is a facility used to house computer systems and associated components, such as telecommunications and storage systems. It generally includes multiple power sources, redundant data communications connections, environmental controls (e.g., air conditioning, fire suppression) and security devices. With contributions from an international list of experts, The Data Center Handbook instructs readers to: Prepare strategic plan that includes location plan, site selection, roadmap and capacity planning Design and build "green" data centers, with mission critical and energy-efficient infrastructure Apply best practices to reduce energy consumption and carbon emissions Apply IT technologies such as cloud and virtualization Manage data centers in order to sustain operations with minimum costs Prepare and practice disaster recovery and business continuity plan The book imparts essential knowledge needed to implement data center design and construction, apply IT technologies, and continually improve data center operations.

The purpose of this book is to provide information related to the "Certified Analytics Professional (CAP)" and "Associate Certified Analytics Professional (aCAP)" exam conducted by INFORMS, USA. The information has been compiled from various sources available on the INFORMS website and other allied web sources. This book on CAP and aCAP exam preparation cover three major aspects related to the certification. Firstly, the information and history related to the CAP exam are given in the book. Secondly, the exam pattern, topic coverage, study time and various resources have been given with respect to the preparation of the CAP exam. Thirdly, 250 practice questions have been given in this book with solutions. These questions have been mapped with the CAP exam pattern under various domains. The objective of this book is to make aspirants aware of the pattern of the CAP exam; To give the aspirants an idea about topic coverage in the CAP exam; To give the aspirants an idea about pattern of question & options in CAP exam; Not to share the exact questions that appear in CAP exam; Not to claim that performing well in the practice questions will guarantee passing of the CAP exam. The solutions given in this book are correct as per the experts. Reader's opinion may vary with those of experts. The material in this book is only an indication towards actual CAP test preparation and may not be related to actual questions or their solutions. Since the aspirant has to opt for the MOST appropriate choice of answer, so a lot of subjectivity is there. A question may have all the correct options, but aspirant will have to choose the BEST from the given options. This book covers up 250 questions with answers (and explanation) on the format of CAP exam as per the CAP handbook guidelines. It gives a detailed analysis of the responses along with the detailed list of topics to be studied for CAP exam preparation. A week-wise study plan for 16-20 weeks has been given to help the aspirants prepare for the exam. Moreover, a list of online and offline resources has been given in the book to prepare for the CAP exam, along with the topic list and glossary of important topics.

In his latest educational exposé, internationally acclaimed author and scholar, Professor David Hopkins, places established and emerging ideas about effective school and system improvement under scrutiny. Exploding the Myths of School Reform confronts real-world challenges and perspectives from research, policy and practice, and draws on international benchmarking studies to support its objectives and claims. With each of ten chapters addressing a perceptible fallacy - such as the myths that poverty determines performance, that achievement cannot be realised at scale, that innovation and networking always add value and that it is curriculum rather than learning that counts - this groundbreaking manifesto is set to provoke and persuade. Through its carefully structured narrative highlighting areas of universal concern, the book presents a compelling approach to school reform, designed to enhance not only academic performance, but also the potential for students to learn. Teachers, school leaders, directors, policy makers and researchers—educationalists from across the board—will find the instructive frameworks and 'codas' for systemic change at all levels disarmingly simple to understand and apply. The same values and strategies that uphold social equity are shown to also promote quality in teaching, strong system leadership, regional capacity building and whole school design. Replete with explanatory diagrams, Exploding the Myths of School Reform contributes with depth and precision to the contemporary debate about the direction of schools and school systems, the possibilities and issues most likely to be encountered by leaders today and tomorrow, and the means to instigate authentic and lasting reform.

NB: There are Video Tutorials supporting this eBook. Links to video tutorials are inclusive. Welcome to the AutoCAD Professional Certification Prep Course. Autodesk provides you with an AutoCAD certified professional exam. What we are going to do in this course is get you prepped up to take that exam. We are going to take you through exercises and drawings so that you learn all the tools and tricks of the trade when using AutoCAD in order to pass your AutoCAD certified professional examination. What we will also be doing is using a version of AutoCAD. We will be using AutoCAD 2016, ready for you to take your AutoCAD 2016 certified professional exam. Now, everything you learn in this course is also applicable to other versions of AutoCAD. So, for example, you might want to take, let us say, the AutoCAD 2015 certified professional exam. All the information that you would learn from this course would also apply to that AutoCAD version. The main reason I am using AutoCAD 2016 is right now it is the current version of AutoCAD. So, let us get going now and let us get you prepped up for your AutoCAD certified professional examinations. Become an Autodesk Certified Professional. This training course helps you study for the certification exam while you reinforce your CAD skills. Sean Bryan helps

you understand the two pathways available: Autodesk Certified User—for new designers who want to demonstrate basic proficiency and a commitment to academic success or career development—and Autodesk Certified Professional—for those who possess more advanced skills and can solve complex workflow and design challenges. He then walks through the basic drawing skills, object manipulation techniques, organization skills, annotations, and layout and print options that are necessary to pass both certifications. Topics include:

- Creating and publishing AutoCAD files
- Drawing shapes and lines
- Creating isometric drawings
- Transforming objects
- Creating and using arrays
- Organizing objects and layers
- Reusing content with blocks
- Adding text, dimensions, multi-leaders, and scales
- Creating layouts
- Setting printing and plotting options

Whether medium-sized organizations are looking to fill in CAD draftsman jobs to expand in other markets or large multinational firms are hunting for CAD personnel to grow their service portfolio, candidates that are open to learning on the job make a difference. For instance, due to the increasing adoption of BIM tools (such as Revit) and processes for construction design and documentation, many organizations conduct Revit training courses for employees. In such a scenario, firms require CAD professionals, who are open to updating their skills and learning new BIM-based workflows and techniques, to keep up with the current industry practices. Get more insights from this eBook!

This self-study guide delivers 100% coverage of all topics on the new CCSP exam This highly effective test preparation guide covers all six domains within the CCSP Body of Knowledge, as established both by CSA and the (ISC)2. The book offers clear explanations of every subject on the brand-new CCSP exam and features accurate practice questions and real-world examples. Written by a respected computer security expert, CCSP Certified Cloud Security Professional All-in-One Exam Guide is both a powerful study tool and a valuable reference that will serve you long after the test. To aid in self-study, each chapter includes exam tips that highlight key information, a summary that serves as a quick review of salient points, and practice questions that allow you to test your comprehension. “Notes,” “Tips,” and “Cautions” throughout provide insight and call out potentially harmful situations.

- Practice questions match the tone, content, and format of those on the actual exam
- Electronic content includes 300+ downloadable practice questions (PC-compatible)
- Written by an experienced technical writer and computer security expert

The authoritative, business-driven study resource for the tough CCDE Practical Exam CCDE Study Guide is written and reviewed by CCDE engineers and helps you to both improve your design skills and to study for and pass the CCDE exam. Network design is an art, combining broad technology knowledge and experience. This book covers a broad number of technologies, protocols and design options, and considerations that can bring these aspects together and show how they can be used and thought about based on different requirements and business goals. Therefore, this book does not attempt to teach foundational technology knowledge, instead each section: Highlights, discusses, and compares the limitations and advantages of the different design options in terms of scalability, performance, flexibility, availability, complexity, security, and so on to simplify the job and help you understand what technology, protocol, or design options should be selected and why, based on the business or application requirements or to fix a broken design that need to be optimized Covers design aspects of different protocols and technologies, and how they map with different requirements Highlights drivers toward using these technologies whether it is intended for enterprise or service provider network, depending on the topic and technology Using a business-driven approach, CCDE Study Guide helps you analyze business and technical requirements and develop network designs that are based on these business needs and goals, taking into account both the technical and non-technical design constraints. The various "scenario-based" design examples discussed in this book will help you craft design approaches and requirements analysis on such topics as converged enterprise network architectures, service provider network architectures, and data centers. The book also addresses high availability, IPv6, multicast, QoS, security, and network management design considerations, presenting you with an in-depth evaluation of a broad range of technologies and environments. Whether you are preparing for the CCDE exam or simply wish to gain better insight into the art of network design in a variety of environments, this book helps you learn how to think like an expert network designer as well as analyze and compare the different design options, principles, and protocols based on different design requirements. Master a business-driven approach to designing enterprise, service provider, and data center networks Analyze the design impact of business, functional, and application requirements Learn from scenario-based examples, including converged enterprise networks, service provider networks, and cloud-based data centers Overcome design limitations and fix broken designs Review design options and considerations related to Layer 2 and Layer 3 control plane protocols Build designs that accommodate new services and applications Consider design options for modern campus networks, including network virtualization Design WAN edge and Internet edge blocks in enterprise networks Review the architectural elements of a service provider-grade network Plan MPLS VPN network environments, including L2VPN and L3VPN Interconnect different networks or routing domains Design traditional, virtualized, and cloud-based data center networks Interconnect dispersed data center networks to protect business continuity Achieve appropriate levels of operational uptime and network resiliency Integrate IPv6, multicast, QoS, security, and network management into your designs

Equip your students with the knowledge and skills they need to maintain and troubleshoot today’s complex heating, air conditioning, and refrigeration systems. REFRIGERATION & AIR CONDITIONING TECHNOLOGY, Ninth Edition, is a time-honored best-seller offering the hands-on guidance, practical applications, and solid foundation your students need to understand modern HVAC service and repair, its environmental challenges, and their solutions. Focused on sustainable technology and emphasizing new technologies and green awareness, the Ninth Edition features the latest advances in the HVAC/R industry, including updated content throughout the text and more than 400 new and revised figures and images. Drawing on decades of industry experience, the authors also cover the all-important soft skills and customer relations issues that today's professionals need to master for career success. Memorable real-world examples, hundreds of vibrant photos, and unique Service Call features bring key concepts to life and help students develop the knowledge and skills to succeed in today's dynamic industry. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Use policies and Cisco® ACI to make data centers more flexible and configurable--and deliver far more business value Using the policy driven data center approach, networking professionals can accelerate and simplify changes to the data center, construction of cloud infrastructure, and delivery of new applications. As you improve data center flexibility, agility, and portability, you can deliver far more business value, far more rapidly. In this guide, Cisco data center experts Lucien Avramov and Maurizio Portolani show how to achieve all these benefits with Cisco

Application Centric Infrastructure (ACI) and technologies such as python, REST, and OpenStack. The authors explain the advantages, architecture, theory, concepts, and methodology of the policy driven data center. Next, they demonstrate the use of python scripts and REST to automate network management and simplify customization in ACI environments. Drawing on experience deploying ACI in enterprise data centers, the authors review design considerations and implementation methodologies. You will find design considerations for virtualized datacenters, high performance computing, ultra-low latency environments, and large-scale data centers. The authors walk through building multi-hypervisor and bare-metal infrastructures, demonstrate service integration, and introduce advanced telemetry capabilities for troubleshooting. Leverage the architectural and management innovations built into Cisco® Application Centric Infrastructure (ACI) Understand the policy driven data center model Use policies to meet the network performance and design requirements of modern data center and cloud environments Quickly map hardware and software capabilities to application deployments using graphical tools--or programmatically, via the Cisco APIC API Increase application velocity: reduce the time needed to move applications into production Define workload connectivity instead of (or along with) subnets, VLAN stitching, and ACLs Use Python scripts and REST to automate policy changes, parsing, customization, and self-service Design policy-driven data centers that support hypervisors Integrate OpenStack via the Cisco ACI APIC OpenStack driver architecture Master all facets of building and operating multipurpose cloud architectures with ACI Configure ACI fabric topology as an infrastructure or tenant administrator Insert Layer 4-Layer 7 functions using service graphs Leverage centralized telemetry to optimize performance; find and resolve problems Understand and familiarize yourself with the paradigms of programmable policy driven networks

The definitive study guide for the Certification Foundation examination administered by the International Association of Privacy Professionals ("IAPP") 2015 version. The most up-to-date study guide available This exclusive guide covers all the privacy principles tested on the exam in crystal clear detail In addition, the guide provides 150 sample questions with detailed answers. You will see dozens of similar questions on exam day! No other guide offers more sample questions Over 95% of our readers have passed the exam on their first try! Pass the Certification Foundation exam with ease with this comprehensive study guide

The new edition of a bestseller, now revised and update throughout! This new edition of the unparalleled bestseller serves as a full training course all in one and as the world's largest data storage company, EMC is the ideal author for such a critical resource. They cover the components of a storage system and the different storage system models while also offering essential new material that explores the advances in existing technologies and the emergence of the "Cloud" as well as updates and vital information on new technologies. Features a separate section on emerging area of cloud computing Covers new technologies such as: data de-duplication, unified storage, continuous data protection technology, virtual provisioning, FCoE, flash drives, storage tiering, big data, and more Details storage models such as Network Attached Storage (NAS), Storage Area Network (SAN), Object Based Storage along with virtualization at various infrastructure components Explores Business Continuity and Security in physical and virtualized environment Includes an enhanced Appendix for additional information This authoritative guide is essential for getting up to speed on the newest advances in information storage and management.

CompTIA Security+ Study Guide (Exam SY0-601)

The standard-setting reference in medical toxicology—trusted as the leading evidencebased resource for poison emergencies A Doody's Core Title for 2017! For decades, one name has been synonymous with the most respected, rigorous perspectives on medical toxicology and the treatment of poisoned and overdosed patients: Goldfrank's Toxicologic Emergencies. Presented in full color, Goldfrank's delivers essential, patientcenteredcoverage of every aspect of poison management. The editors and authors are recognized as preeminent scholars in their specialties and provide unmatched coverage of all aspects of toxicologic emergencies, from pharmacology and clinical presentation to cutting-edge treatment strategies. Goldfrank's Toxicologic Emergencies, Tenth Edition begins with an examination of medical toxicology principles and techniques. It then reviews the biochemical, molecular, and pathophysiologic basis of toxicology, followed by an intense focus on toxicologic principles related to special patient populations. Features Case studies enhance your understanding of the clinical application of the text material Practical focus on the pathophysiologic basis of medical toxicology The Antidotes in Depth sections delivers the expertise of toxicologists across the world as they present treatments for critically ill poisoned and overdosed patients and allow you to easily identify key issues relating to the use of complex and often unfamiliar therapies The principles of risk management, medicolegal decision making, patient safety, post mortem toxicology and the assessment of ethanol induced impairment described in chapters and Special Considerations emphasize the interface between medical toxicology, the law, and quality care

Clinical Anesthesia, Seventh Edition covers the full spectrum of clinical options, providing insightful coverage of pharmacology, physiology, co-existing diseases, and surgical procedures. This classic book is unmatched for its clarity and depth of coverage. *This version does not support the video and update content that is included with the print edition. Key Features: • Formatted to comply with Kindle specifications for easy reading • Comprehensive and heavily illustrated • Full color throughout • Key Points begin each chapter and are labeled throughout the chapter where they are discussed at length • Key References are highlighted • Written and edited by acknowledged leaders in the field • New chapter on Anesthesia for Laparoscopic and Robotic Surgery Whether you're brushing up on the basics, or preparing for a complicated case, the digital version will let you take the content wherever you go.

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.

Data Center Virtualization Fundamentals For many IT organizations, today's greatest challenge is to drive more value, efficiency, and utilization from data centers. Virtualization is the best way to meet this challenge. Data Center Virtualization Fundamentals brings together the comprehensive knowledge Cisco professionals need to apply virtualization throughout their data center environments. Leading data center expert Gustavo A. A. Santana thoroughly explores all components of an end-to-end data center virtualization solution, including networking, storage, servers, operating systems, application optimization, and security. Rather than focusing on a single product or technology, he explores product capabilities as interoperable design tools that can be combined and integrated with other solutions, including VMware vSphere. With the author's guidance, you'll learn how to define and implement highly-efficient architectures for new, expanded, or retrofit data center projects. By doing so, you can deliver agile application provisioning without purchasing unnecessary infrastructure, and establish a strong foundation for new cloud computing and IT-as-a-service initiatives. Throughout, Santana illuminates key theoretical concepts through realistic use cases, real-world designs, illustrative configuration examples, and verification outputs. Appendixes provide valuable reference information, including relevant Cisco data center products and CLI principles for IOS and NX-OS. With this approach, Data Center Virtualization Fundamentals will be an indispensable resource for anyone preparing for the CCNA Data Center, CCNP Data Center, or CCIE Data Center certification exams. Gustavo A. A. Santana, CCIE No. 8806, is a Cisco Technical Solutions Architect working in enterprise and service provider data center projects that require deep integration across technology areas such as networking, application optimization, storage, and servers. He has more than 15 years of data center experience, and has led and coordinated a team of specialized Cisco engineers in Brazil. He holds two CCIE certifications (Routing & Switching and Storage Networking), and is a VMware Certified Professional (VCP) and SNIA Certified Storage Networking Expert (SCSN-E). A frequent speaker at Cisco and data center industry events, he blogs on data center virtualization at gustavoasantana.net. Learn how virtualization can transform and improve traditional data center network topologies Understand the key characteristics and value of each data center virtualization technology Walk through key decisions, and transform choices into architecture Smoothly migrate existing data centers toward greater virtualization Burst silos that have traditionally made data centers inefficient Master foundational technologies such as VLANs, VRF, and virtual contexts Use virtual PortChannel and FabricPath to overcome the limits of STP Optimize cabling and network management with fabric extender (FEX) virtualized chassis Extend Layer 2 domains to distant data center sites using MPLS and Overlay Transport Virtualization (OTV) Use VSANs to overcome Fibre Channel fabric challenges Improve SAN data protection, environment isolation, and scalability Consolidate I/O through Data Center Bridging and FCoE Use virtualization to radically simplify server environments Create server profiles that streamline "bare metal" server provisioning "Transcend the rack" through virtualized networking based on Nexus 1000V and VM-FEX Leverage opportunities to deploy virtual network services more efficiently Evolve data center virtualization toward full-fledged private clouds -Reviews - "The variety of material that Gustavo covers in this work would appeal to anyone responsible for Data Centers today. His grasp of virtualization technologies and ability to relate it in both technical and non-technical terms makes for compelling reading. This is not your ordinary tech manual. Through use of relatable visual cues, Gustavo provides information that is easily recalled on the subject of virtualization, reaching across Subject Matter Expertise domains. Whether you consider yourself well-versed or a novice on the topic, working in large or small environments, this work will provide a clear understanding of the diverse subject of virtualization." -- Bill Dufresne, CCIE 4375, Distinguished Systems Engineer, Cisco (Americas) ".this book is an essential reference and will be valuable asset for potential candidates pursuing their Cisco Data Center certifications. I am confident that in reading this book, individuals will inevitably gain extensive knowledge and hands-on experience during their certification preparations. If you're looking for a truly comprehensive guide to virtualization, this is the one!" -- Yusuf Bhajji, Senior Manager, Expert Certifications (CCIE, CCDE, CCAr), Learning@Cisco "When one first looks at those classic Cisco Data Center blueprints, it is very common to become distracted with the overwhelming number of pieces and linkages. By creating a solid theoretical foundation and providing rich sets of companion examples to illustrate each concept, Gustavo's book brings hope back to IT Professionals from different areas of expertise. Apparently complex topics are demystified and the insertion of products, mechanisms, protocols and technologies in the overall Data Center Architecture is clearly explained, thus enabling you to achieve robust designs and successful deployments. A must read... Definitely!" -- Alexandre M. S. P. Moraes, Consulting Systems Engineer -- Author of "Cisco Firewalls"

Current Affairs February 2018 eBook is created by keeping the demands of recent pattern of various competitive exams in major view. It is brought to you by Jagranjosh.com. The topics for cover story and entire news section are selected on the basis of an analysis of general knowledge sections in all important exams including IAS, PCS, BANK, SSC, Insurance and others. And the time duration of topics covered in magazine includes all exam oriented current affairs of January 2018. It presents the comprehensive coverage of the events of current affairs which are chosen on the basis of the requirements of all important exams. It covers all exam oriented current affairs of January 2018 with all required facts and analysis. The analysis of all the events related to National, International, Economy, Science & Technology, Environment & Ecology is done in a way that fulfills the demand of all the important exams including IAS. The language used in the magazine is lucid and easy-to-understand language. The major topics included in the magazine for cover story are: China's cabbage strategy in South China Sea & implications for India; Oxfam report on growing economic inequalities across the world, India's Entry to Australia Group. The eBook is expected to be handy for most of forthcoming exams like, Civil Services Examination, Various Insurance AO Exams, PCS exams, MAT and others.

Clinical practice related to sleep problems and sleep disorders has been expanding rapidly in the last few years, but scientific research is not keeping pace. Sleep apnea, insomnia, and restless legs syndrome are three examples of very common disorders for which we have little biological information. This new book cuts across a variety of medical disciplines such as neurology, pulmonology, pediatrics, internal medicine, psychiatry, psychology, otolaryngology, and nursing, as well as other medical practices with an interest in the management of sleep pathology. This area of research is not limited to very young and old patients—sleep disorders reach across all ages and ethnicities. Sleep Disorders and Sleep Deprivation presents a structured analysis that explores the following: Improving awareness among the general public and health care professionals. Increasing investment in interdisciplinary somnology and sleep medicine research training and mentoring activities. Validating and developing new and existing technologies for diagnosis and treatment. This book will be of interest to those looking to learn more about the enormous public health burden of sleep disorders and sleep deprivation and the strikingly limited capacity of the health care enterprise to identify and treat the majority of individuals suffering from sleep problems.

Your days spent fruitlessly scouring textbooks and websites for credible vet information are over! Now you can get the whole story — the accurate story — all in one place. Introducing The Textbook of Veterinary Internal Medicine, Expert Consult, 8th Edition. Still the only comprehensive resource for veterinary internal medical problems, this faculty-and-student-favorite offers unparalleled coverage of pathophysiology, diagnosis, and disease treatments for dogs and cats. In addition to new chapters and discussions on the industry's most topical issues, this "gold standard in vet medicine" comes with hundreds of original videos, algorithms, and learning tools to really bring all the information to life. There's no better source to help you unlock the secrets of veterinary medicine than Ettinger's! Fully searchable online text offers quick access to the most trusted information in the field. Complete library of over 500 original clinical videos you can believe in. Instead of fruitless YouTube searches, each video expertly breaks down veterinary procedures and important signs of diseases and disorders that are difficult or impossible to understand from written descriptions alone. In-depth coverage of timely issues includes expert explanations on topics such as the genome, clinical genomics, euthanasia, innocent heart murmurs, hyperbaric medicine, home prepared and raw diets, obesity, botulism, artificial pacing of the heart, and cancer vaccines. Thousands of references accessible from the printed book with the click of a QR code. 256 all-new client information sheets can be downloaded, customized, and printed as client handouts. 214 new and updated clinical algorithms aid in disease identification and decision-making. Exclusive access to Expert Consult Online website offers the complete library of original video clips, heart sounds, the full collection of client information sheets, and hyperlinking of references to their source abstracts in PubMed. NEW! In-depth coverage of the latest information and trends in small animal internal medicine. Completely new section on minimally-invasive interventional procedures includes techniques for treating respiratory, cardiovascular, gastrointestinal, urologic/nephrologic, and neoplastic disorders. 17 new chapters address the major clinicopathologic abnormalities that occur in canine and feline laboratory testing. Completely new section on management of mutually-antagonistic comorbidities spotlights concurrent cardiac and renal disease, concurrent infection in patients requiring immunosuppression, and concurrent diabetes mellitus and corticosteroid-dependent disease. Expert explanations on topics such as evidence-based medicine, distinguishing behavioral disorders from medical neurologic disorders, blood transfusion techniques, hyperadrenocorticism (Cushing's disease), chronic kidney disease, respiratory and inhalant therapy, and many more.

We are pleased to present this Global Edition, which has been developed specifically to acquaint students of business with the fundamental tools of managerial accounting and to promote their understanding of the dramatic ways in which business is changing. The emphasis is on teaching students to use accounting information to best manage an organization. Each chapter is written around a realistic business or focus company that guides the reader through the topics of that chapter. There is significant coverage of contemporary topics such as activity-based costing, target costing, the value chain, customer profitability analysis, and throughput costing while also including traditional topics such as job-order costing, budgeting, and performance evaluation. Many of the real-world examples in the Management Accounting Practice boxes have been revised and updated to make them more current and several new examples have been added. This Global Edition has been adapted to meet the needs of courses outside the United States and does not align with the instructor and student resources available with the U.S. edition.

A Comprehensive, Practical Text on Effectively Running an Emergency Department Emergency Department Management is a real-world, pragmatic guide designed to help emergency department managers efficiently handle the many complex issues that arise in this challenging clinical environment. Written by professionals who have spent their entire careers in the service of emergency department patients, this unique text delivers practical solutions to virtually any problem that may arise in running an emergency department or acute care center. COMPLETE, EXPERT COVERAGE OF EVERY IMPORTANT MANAGEMENT TOPIC, INCLUDING: Leadership Principles Operations Informatics Quality and Service Finance Reimbursement Contracts Legal and Regulatory Issues Malpractice Human Resources Emergency Department Management offers the guidance and expertise required to deliver consistent, rapid, high-quality care. It is the single-best resource available to help you navigate the leadership challenges that arise daily in the emergency department.

Join the technological revolution that's taking the financial world by storm. Mastering Bitcoin is your guide through the seemingly complex world of bitcoin, providing the knowledge you need to participate in the internet of money. Whether you're building the next killer app, investing in a startup, or simply curious about the technology, this revised and expanded second edition provides essential detail to get you started. Bitcoin, the first successful decentralized digital currency, is still in its early stages and yet it's already spawned a multi-billion-dollar global economy open to anyone with the knowledge and passion to participate. Mastering Bitcoin provides the knowledge. You simply supply the passion. The second edition includes: A broad introduction of bitcoin and its underlying blockchain—ideal for non-technical users, investors, and business executives An explanation of the technical foundations of bitcoin and cryptographic currencies for developers, engineers, and software and systems architects Details of the bitcoin decentralized network, peer-to-peer architecture, transaction lifecycle, and security principles New developments such as Segregated Witness, Payment Channels, and Lightning Network A deep dive into blockchain applications, including how to combine the building blocks offered by this platform into higher-level applications User stories, analogies, examples, and code snippets illustrating key technical concepts

Master the basics of data centers to build server farms that enhance your Web site performance Learn design guidelines that show how to deploy server farms in highly available and scalable environments Plan site performance capacity with discussions of server farm architectures and their real-life applications to determine your system needs Today's market demands that businesses have an Internet presence through which they can perform e-commerce and customer support, and establish a presence that can attract and increase their customer base. Underestimated hit ratios, compromised credit card records, perceived slow Web site access, or the infamous "Object Not Found" alerts make the difference between a successful online presence and one that is bound to fail. These challenges can be solved in part with the use of data center technology. Data centers switch traffic based on information at the Network, Transport, or Application layers. Content switches perform the "best server" selection process to direct users' requests for a specific service to a server in a server farm. The best server selection process takes into account both server load and availability, and the existence and consistency of the requested content. Data Center Fundamentals helps you understand the basic concepts behind the design and scaling of server farms using data center and content switching technologies. It addresses the principles and concepts needed to take on the most common challenges encountered during planning, implementing, and managing Internet and intranet IP-based server farms. An in-depth analysis of the data center technology with real-life scenarios make Data Center Fundamentals an ideal reference for understanding, planning, and designing Web hosting and e-commerce environments.

Test your knowledge and know what to expect on A+ exam day CompTIA A+ Complete Practice Tests, Second Edition enables you to hone your test-taking skills, focus on challenging areas, and be thoroughly prepared to ace the exam and earn your A+ certification. This essential component of your overall study plan presents nine unique practice tests—and two 90-question bonus tests—covering 100% of the objective domains for both the 220-1001 and 220-1002 exams. Comprehensive coverage of every essential exam topic ensures that you will know what to expect on exam day and maximize your chances for success. Over 1200 practice questions on topics including hardware, networking, mobile devices, operating systems and procedures, troubleshooting, and more, lets you assess your performance and gain the confidence you need to pass the exam with flying colors. This second edition has been fully updated to reflect the latest best practices and updated exam objectives you will see on the big day. A+ certification is a crucial step in your IT career. Many businesses require this accreditation when hiring computer technicians or validating the skills of current employees. This collection of

practice tests allows you to: Access the test bank in the Sybex interactive learning environment Understand the subject matter through clear and accurate answers and explanations of exam objectives Evaluate your exam knowledge and concentrate on problem areas Integrate practice tests with other Sybex review and study guides, including the CompTIA A+ Complete Study Guide and the CompTIA A+ Complete Deluxe Study Guide Practice tests are an effective way to increase comprehension, strengthen retention, and measure overall knowledge. The CompTIA A+ Complete Practice Tests, Second Edition is an indispensable part of any study plan for A+ certification.

Completely updated to the 2016 ICD-10-CM and ICD-10-PCS coding guidelines and packed with practical applications, Bowie's UNDERSTANDING ICD-10-CM AND ICD-10-PCS: A WORKTEXT, 3E delivers a comprehensive presentation of the ICD-10-CM and ICD-10-PCS diagnostic and procedural coding system. Extremely hands-on, this unique workbook offers detailed coverage that engages readers. Numerous learning tools thoroughly review and reinforce understanding of the materials presented in each chapter. Readers can immediately begin putting what they learn into real-world practice through numerous timely exercises, meaningful coding assignments, and case studies. Vivid color illustrations emphasize how knowledge of anatomy and disease processes can positively impact coding accuracy. This edition provides the ideal resource to assist today's practicing professionals and healthcare organizations smoothly transition from ICD-9-CM to ICD-10-CM and ICD-10-PCS. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Professional SharePoint 2013 Administration eBook And SharePoint-videos.com Bundle

Juniper Networks Certified Data Centre, Professional (JNCIP-DC) (JN0-681) Designed for networking professionals with beginner-intermediate knowledge of the Juniper Networks Junos OS for SRX Series devices, this written exam verifies the candidate's understanding of security technologies and related platform configuration and troubleshooting skills. Preparing for the Juniper Networks Certified Data Centre, Professional (JNCIP-DC) (JN0-681) exam to become a Juniper Networks Certified Data Centre, Professional (JNCIP-DC) by Juniper? Here we have brought best Exam Questions for you so that you can prepare well for Juniper Networks Certified Data Centre, Professional (JNCIP-DC) Exam (JN0-681). Unlike other online simulation practice tests, you get an paperback version that is easy to read & remember these questions. You can simply rely on these questions for successfully certifying this exam.

Originally written by a team of Certified Protection Professionals (CPPs), Anthony DiSalvatore gives valuable updates to The Complete Guide for CPP Examination Preparation. This new edition contains an overview of the fundamental concepts and practices of security management while offering important insights into the CPP exam. Until recently the sec Defining a set of guiding principles for data management and describing how these principles can be applied within data management functional areas; Providing a functional framework for the implementation of enterprise data management practices; including widely adopted practices, methods and techniques, functions, roles, deliverables and metrics; Establishing a common vocabulary for data management concepts and serving as the basis for best practices for data management professionals. DAMA-DMBOK2 provides data management and IT professionals, executives, knowledge workers, educators, and researchers with a framework to manage their data and mature their information infrastructure, based on these principles: Data is an asset with unique properties; The value of data can be and should be expressed in economic terms; Managing data means managing the quality of data; It takes metadata to manage data; It takes planning to manage data; Data management is cross-functional and requires a range of skills and expertise; Data management requires an enterprise perspective; Data management must account for a range of perspectives; Data management is data lifecycle management; Different types of data have different lifecycle requirements; Managing data includes managing risks associated with data; Data management requirements must drive information technology decisions; Effective data management requires leadership commitment.

So much more than just a bestselling dictionary, Mosby's Dictionary of Medicine, Nursing & Health Professions, 9th Edition is a one-stop reference to help you make sense of the complex world of health care. It features over 56,000 authoritative definitions, 45 appendixes, a color atlas of the human body, online resources, and more than 2,450 full-color illustrations — nearly three times more than any other dictionary available — making it an indispensable reference for students and professionals alike. UNIQUE! More than 2,450 color photographs and line drawings demonstrate and explain complex conditions and abstract concepts. A Color Atlas of Human Anatomy contains 43 pages of clearly labeled drawings for easy A&P review and reference. Over 56,000 comprehensive, authoritative, high-quality definitions — including expanded definitions for selected entries, particularly major diseases, disorders, and procedures — offer the latest information on pathophysiology, treatment and interventions, and nursing care. 23 appendixes — 13 in the dictionary and 10 on the companion Evolve website — offer quick access to useful reference information, such as lab values, symbols and abbreviations, language translation guides, pharmacology, infection control standards, conversion tables, and clinical calculations. A strict, common-sense alphabetical organization with no subentries makes it easy to find key terms and definitions. NEW! Over 300 new and updated illustrations visually clarify key definitions and reflect current health care practice and equipment. NEW! Approximately 11,000 new and revised definitions reflect the latest developments in health care, drugs, and nursing terminology. NEW! Editor Marie O'Toole, EdD, RN, FAAN lends her expertise to this new edition, reviewing and revising all definitions and assembling a team of leading consultants and contributors.

This study guide offers 100% coverage of every objective for the Certified Data Privacy Solutions Engineer Exam This resource offers complete, up-to-date coverage of all the material included on the current release of the Certified Data Privacy Solutions Engineer exam. Written by an IT security and privacy expert, CDPSE Certified Data Privacy Solutions Engineer All-in-One Exam Guide covers the exam domains and associated job practices developed by ISACA®. You'll find learning objectives at the beginning of each chapter, exam tips, practice exam questions, and in-depth explanations. Designed to help you pass the CDPSE exam, this comprehensive guide also serves as an essential on-the-job reference for new and established privacy and security professionals. COVERS ALL EXAM TOPICS, INCLUDING: Privacy Governance Governance Management Risk Management Privacy Architecture Infrastructure Applications and Software Technical Privacy Controls Data Cycle Data Purpose Data Persistence Online content includes: 300 practice exam questions Test engine that provides full-length practice exams and customizable quizzes by exam topic

The rapid increase of cloud computing, high performance computing (HPC) and the vast growth in Internet and Social Media use have aroused the interest in energy consumption and the carbon footprint of Data Centres. Data Centres primarily contain electronic equipment used for data processing (servers), data storage (storage equipment), and communications (network equipment). Collectively, this equipment processes, stores, and transmits digital information and is known as information technology (IT) equipment. Advanced Concepts for Renewable

Energy Supply of Data Centres introduces a number of technical solutions for the supply of power and cooling energy into Data Centres with enhanced utilisation of renewable energy sources in order to achieve low energy Data Centres. Because of the high energy density nature of these unique infrastructures, it is essential to implement energy efficiency measures and reduce consumption before introducing any renewable energy source. A holistic approach is used with the objective of integrating many technical solutions such as management of the IT (Information Technology) load, efficient electrical supply to the IT systems, Low-Ex air-conditioning systems, interaction with district heating and cooling networks, re-use of heat, free cooling (air, seawater, groundwater), optimal use of heat and cold storage, electrical storage and integration in smart grids. This book is therefore a catalogue of advanced technical concepts that could be integrated into Data Centres portfolio in order to increase the overall efficiency and the share of renewable energies in power and cooling supply. Based on dynamic energy models implemented in TRNSYS some concepts are deeply evaluated through yearly simulations. The results of the simulation are illustrated with Sankey charts, where the energy flows per year within the subsystems of each concept for a selected scenario are shown, and graphs showing the results of parametric analysis. A set of environmental metrics (as the non-renewable primary energy) and financial metrics (CAPEX and OPEX) as well of energy efficiency metrics like the well-known PUE, are described and used to evaluate the different technical concepts.

Juniper Networks Certified Data Centre, Professional (JNCIP-DC) Exam Practice Questions & Dumps Exam Study Guide for Juniper Networks (JN0-681) Exam Prep Latest Version Independently Published

From the New York Times, USA Today, and Wall Street Journal bestselling author of *The Radium Girls* comes another dark and dramatic but ultimately uplifting tale of a forgotten woman whose inspirational journey sparked lasting change for women's rights and exposed injustices that still resonate today. 1860: As the clash between the states rolls slowly to a boil, Elizabeth Packard, housewife and mother of six, is facing her own battle. The enemy sits across the table and sleeps in the next room. Her husband of twenty-one years is plotting against her because he feels increasingly threatened—by Elizabeth's intellect, independence, and unwillingness to stifle her own thoughts. So Theophilus makes a plan to put his wife back in her place. One summer morning, he has her committed to an insane asylum. The horrific conditions inside the Illinois State Hospital in Jacksonville, Illinois, are overseen by Dr. Andrew McFarland, a man who will prove to be even more dangerous to Elizabeth than her traitorous husband. But most disturbing is that Elizabeth is not the only sane woman confined to the institution. There are many rational women on her ward who tell the same story: they've been committed not because they need medical treatment, but to keep them in line—conveniently labeled "crazy" so their voices are ignored. No one is willing to fight for their freedom and, disenfranchised both by gender and the stigma of their supposed madness, they cannot possibly fight for themselves. But Elizabeth is about to discover that the merit of losing everything is that you then have nothing to lose... Bestselling author Kate Moore brings her sparkling narrative voice to *The Woman They Could Not Silence*, an unputdownable story of the forgotten woman who courageously fought for her own freedom—and in so doing freed millions more. Elizabeth's refusal to be silenced and her ceaseless quest for justice not only challenged the medical science of the day, and led to a giant leap forward in human rights, it also showcased the most salutary lesson: sometimes, the greatest heroes we have are those inside ourselves. "The glowing ghosts of the radium girls haunt us still."—NPR Books for *The Radium Girls*

Virtual, hands-on learning labs allow you to apply your technical skills in realistic environments. So Sybex has bundled AWS labs from XtremeLabs with our popular AWS Certified Data Analytics Study Guide to give you the same experience working in these labs as you prepare for the Certified Data Analytics Exam that you would face in a real-life application. These labs in addition to the book are a proven way to prepare for the certification and for work as an AWS Data Analyst. AWS Certified Data Analytics Study Guide: Specialty (DAS-C01) Exam is intended for individuals who perform in a data analytics-focused role. This UPDATED exam validates an examinee's comprehensive understanding of using AWS services to design, build, secure, and maintain analytics solutions that provide insight from data. It assesses an examinee's ability to define AWS data analytics services and understand how they integrate with each other; and explain how AWS data analytics services fit in the data lifecycle of collection, storage, processing, and visualization. The book focuses on the following domains: • Collection • Storage and Data Management • Processing • Analysis and Visualization • Data Security This is your opportunity to take the next step in your career by expanding and validating your skills on the AWS cloud. AWS is the frontrunner in cloud computing products and services, and the AWS Certified Data Analytics Study Guide: Specialty exam will get you fully prepared through expert content, and real-world knowledge, key exam essentials, chapter review questions, and much more. Written by an AWS subject-matter expert, this study guide covers exam concepts, and provides key review on exam topics. Readers will also have access to Sybex's superior online interactive learning environment and test bank, including chapter tests, practice exams, a glossary of key terms, and electronic flashcards. And included with this version of the book, XtremeLabs virtual labs that run from your browser. The registration code is included with the book and gives you 6 months of unlimited access to XtremeLabs AWS Certified Data Analytics Labs with 3 unique lab modules based on the book.

In this searing, "indisputable page-turner" (Associated Press), a town's dark secrets come to light in the aftermath of a young priest's unthinkable last act—in the vein of *The Dry* and *Where the Crawdads Sing*. In Riversend, an isolated Australian community afflicted by an endless drought, a young priest does the unthinkable: he kills five parishioners before being taken down himself. A year later, journalist Martin Scarsden arrives in Riversend. His assignment: to report how the townspeople are coping as the anniversary of the tragedy approaches. But as Martin meets the locals and hears their version of events, he begins to realize that the accepted explanation—a theory established through an award-winning investigation by Martin's own newspaper—may be wrong. Just as Martin believes he's making headway, a shocking new crime rocks the town. As the national media flocks to the scene, Martin finds himself thrown into a whole new mystery. What was the real reason behind the priest's shooting spree? And how does it connect to other deaths in the district, if at all? Martin struggles to uncover the town's dark secrets, putting his job, his mental state, and his very life at risk. For fans of James Lee Burke, Jane Harper, and Robert Crais, *Scrublands* is "a gritty debut...sensitively rendered" (The New York Times Book Review) that marks Chris Hammer as a stunning new voice in crime fiction.

Data Centers are the drivers of the digital economy. Understanding how data centers are designed, how they work and how they interact with the services we use is key towards building a great career in a digital world. This book will provide the reader with a firm foundation for understanding Data Center design.

The premier reference in obstetrics for more than a century – now even more relevant to today's practice Williams Obstetrics is the most detailed, comprehensive, and rigorously referenced text on the

subject. Written by an author team from the world-renowned Parkland Hospital, the hallmarks of this classic are its thoroughness, scientific basis, and practical applicability for the obstetrician at the bedside. This edition of Williams Obstetrics continues to emphasize the scientific-based underpinnings and evidence-based practices of the specialty. This is accomplished by using incorporating more than 3,000 new literature citations and guidelines from the most trusted professional and academic organizations. One of the important features of the twenty-fourth edition is a greater focus on the fetus as a patient and an expanded discussion of fetal diagnosis and therapy. This is complemented by more than 100 new sonographic and MR images of common fetal abnormalities. A new reorganization of the text enables the book to highlight more effectively the myriad disorders that may complicate pregnancy. Williams Obstetrics provides a convenient, clinically relevant text of value to the busy practitioner. The book summarizes important new data that has influenced evidence-based management to improve pregnancy outcomes. Much of this data is conveniently distilled into newly created tables and diagnostic and treatment algorithms. During discussion, numerous sources are cited to provide evidence-based options for patient management. Additionally, nearly 900 images complement the text, many of which are new or enhanced. These include sonograms, MR images, photographs, diagrams, and graphs. This edition of Williams Obstetrics continues to provide clinicians with everything they need to know about the practice of obstetrics with a level of authority and quality of presentation not found in any other resource.

EBOOK: Management Control Systems, 2e

Readers gain a full understanding of today's digital world with the cohesive framework and logical organization found only in Parsons' NEW PERSPECTIVES ON COMPUTER CONCEPTS 2016, COMPREHENSIVE. Newly revised and reorganized, this dynamic book provides the latest updates on emerging technology with engaging learning features, informative visuals and hands-on activities proven to increase learning effectiveness. A new introduction highlights today's digital evolution, while new coverage of social media and online security examines concepts behind the trends. Readers explore the principles behind the wide scope of digital devices in use today with the book's enhanced focus on the connectivity that pervades modern life. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Based on the author's TeleSmart 10 System for Power Selling, this award-winning business book pinpoints the ten skills essential to high-efficiency, high-success sales performance in an age of telesales and digital selling. Smart Selling on the Phone and Online equips salespeople with the powerful tools they need to open stronger, build trust faster, handle objections better, and close more sales when dealing with customers they can't see face-to-face. You'll learn how to: overcome ten different forms of "paralysis" and reestablish momentum; sell in sound bites, not long-winded speeches; ask the right questions to reveal customer needs; navigate around obstacles to get to the power buyer; and prioritize and manage your time so that more of it is spent actually selling. The world of selling keeps changing, and sales professionals are on the front line of innovation to keep profits flowing. Combining an accessible text with clear graphics and step-by-step processes, Smart Selling on the Phone and Online will help any rep master the world of sales 2.0 and become a true sales warrior.

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