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IT Service Management-John Sansbury 2016-03-21 Whether you're preparing for your service management foundation exam, or simply want to understand service management better, this new edition of our popular book covers the latest thinking and provides a comprehensive, practical introduction to IT service management. Building on their collective service management experience, the authors walk you through essential concepts including processes, functions and roles and illustrate these with real-life examples.

Itil(r)V3 Foundations: A Time-Compressed Resource to Passing the Itil(r)V3 Foundations Exam on Your 1st Attempt!-Jason Dion 2017-07-29 In this book, you will receive a crash course that will introduce you to everything you need to know in order to pass the ITIL® v3 Foundation certification exam. This book covers just the essentials with no fluff, filler, or extra material, so you can learn the material quickly and conquer the certification exam with ease. This book assumes that you have no previous experience with the ITIL® v3 framework and will teach you the bare minimum you need to know in order to take and pass the ITIL® v3 Foundation certification exam on your first attempt. This book will NOT teach you everything you need to know to be efficient or effective in implementing the ITIL® v3 Framework in your organization. This text is designed to get you to pass the certification exam, not to make you an expert in ITIL®. Due to the design of this text, we will move at a very quick pace through the material. If you read this entire book and take the practice exams located at the end of the text (scoring at least an 85% or higher), you will be ready to take and pass the ITIL® v3 Foundation exam on your first attempt! (Please register your book at www.DionTraining.com/ITILCRAM to gain access to the accompanying online video course for FREE! See page 133 for details.)

Project Life Cycle Economics-Mr Massimo Pica 2015-04-28 The financing of modern construction projects reflects the need to address the costs and benefits of the whole life of the project. This means that end of life economics can now have a far greater impact on the planning and feasibility phases. During the project itself, decisions on construction materials and processes all influence the schedule as well as both immediate and down-the-line costs. Massimo Pica and his co-authors explain in detail the fundamentals of project life cycle economics and how they apply in the context of complex modern construction. This is an essential guide for those involved in construction project design, tendering and contracting; to help ensure the sustainability of the project or their contribution to it, from the start. It is also important for those involved in the delivery of the project to help them make the choices to keep the project on a financial even keel. Government, corporations and other organizations are looking for new models of collaborative working to fund their large construction and infrastructure projects in the face of changing attitudes to risk; a better educated and more demanding base of end-user clients and the increasing requirements for projects that are environmentally responsible and sustainable. Project Life Cycle Economics is a fundamental primer for those commissioning and those delivering construction.

Cloud Capacity Management-Navin Sabharwal 2013-08-26 Cloud Capacity Management helps readers in understanding what the cloud, IaaS, PaaS, SaaS are, how they relate to capacity planning and management and which stakeholders are involved in delivering value in the cloud value chain. It explains the role of capacity management for a creator, aggregator, and consumer of cloud services and how to provision for it in a 'pay as you use model'. This involves a high level of abstraction and virtualization to facilitate rapid and on demand provisioning of services. The conventional IT service models take a traditional approach when planning for service capacity to provide optimum services levels which has huge cost implications for service providers. This book addresses the gap areas between traditional capacity management practices and cloud service models. It also showcases capacity management process design and implementation in a cloud computing domain using ITSM best practices. This book is a blend of ITSM best practices and infrastructure capacity planning and optimization implementation in various cloud scenarios. Cloud Capacity Management addresses the basics of cloud computing, its various models, and their impact on capacity planning. This book also highlights the infrastructure capacity management implementation process in a cloud environment showcasing inherent capabilities of tool sets available and the various techniques for capacity planning and performance management. Techniques like dynamic resource scheduling, scaling, load balancing, and clustering etc are explained for implementing capacity management.

Cisco CCNA in 60 Days-Paul William Browning 2014-03-01 The Cisco CCNA is one of the most widely recognised and respected qualifications in the IT industry. Every year, tens of thousands of people embark towards taking the exam via private study, Cisco Academy courses, or online training. The sad truth is most students quit along the way, and for those few who actually do attempt it, only 50% pass. All that time, effort, and money wasted! If there are so many manuals, CBT courses, lab simulators, exam engines, and study resources out there, then what goes wrong? This is the question Cisco trainer Paul Browning wanted to get to the bottom of. After interviewing thousands of students, he discovered that most people quit because they are simply overwhelmed with the sheer volume of material they need to digest and, of course, the large number of hands-on skills they need to be able to demonstrate in the exam. Add to that the day-to-day stresses of commuting to work, bringing up a family, and the distraction of everyday problems and challenges; it's no wonder people quit. This is where Cisco CCNA in 60 Days can help. Devised by two industry experts and countless Cisco students just like you, the 60-day programme breaks down every exam requirement into a daily study task. All you need to do is open the book at the relevant day (from 1 to 60), read the theory, and complete the lab. Every lesson is reviewed several times in the form of exam questions, review sessions, a handy exam cram guide, and, of course, hands-on labs for you to follow. You can choose to take the CCENT after the first 30 days and the ICND2 after the next 30 days, or you can take the CCNA after 60 days of study. Here is what is included in your study guide: 60 daily study tasks Full explanations of theory Real-world tips and advice Over 47 hands-on labs, plus 15 bonus CCENT and ICND2 labs CCENT and ICND2 cram guides Bonus VLSM guide Motivational goal-setting guide Downloadable videos Free support via www.in60days.com Author Paul Browning is a former police officer who used his CCNA qualification to help him make a career change to IT. He worked for Cisco in the UK for a while, and then went on to start his own Cisco training company, which he ran for 8 years before moving into online Cisco training. He is the author of several Cisco study guides. He has also created the online Cisco certification training sites, including www.howtonetwork.net and www.in60days.com Technical author Farai Tafa used to work in a shoe shop but decided he wanted more out of life, so he began to study for his Cisco exams. He is now a dual CCIE and one of the leading Cisco consultants in the US. He currently designs, installs, and troubleshoots networks for large companies. Author Daniel Gheorghe is a CCIE in Routing and Switching. He is currently preparing for his second CCIE certification (in Security) and he is developing his skills in system penetration testing. He also holds numerous certifications in networking and security, from Cisco and other vendors, including CCNA, CCDA, CCNA Security, CCNP, CCDP, CCIP, FCNSA, FCNSP, and CEH. He took an interest in IT at an early age and soon developed a passion for computer networking, which made him study hard in order to reach an expert level. Technical author Dario Barinic is a network expert (dual CCIE #25071 - Routing and Switching, and Service Provider) with a Master of Engineering degree and eight years of experience in the networking field. He also holds other certifications, such as Cisco CCNA and CCNP, HP AIS, ASE, MASE, and various Cisco specialisations. Dario is specialised in the area of routing and switching (designing, implementing, troubleshooting, and operating service provider and large enterprise WAN and LAN networks).

Cisco Networks-Chris Carthern 2015-11-27 This book is a concise one-stop desk reference and synopsis of basic knowledge and skills for Cisco certification prep. For beginning and experienced network engineers tasked with building LAN, WAN, and data center connections, this book lays out clear directions for installing, configuring, and troubleshooting networks with Cisco devices. The full range of certification topics is covered, including all aspects of IOS, NX-OS, and ASA software. The emphasis throughout is on solving the real-world challenges engineers face in configuring network devices, rather than on exhaustive descriptions of hardware features. This practical desk companion doubles as a comprehensive overview of the basic knowledge and skills needed by CCENT, CCNA, and CCNP exam takers. It distills a comprehensive library of cheat sheets, lab configurations, and advanced commands that the authors assembled as senior network engineers for the benefit of junior engineers they train, mentor on the job, and prepare for Cisco certification exams. Prior familiarity with Cisco routing and switching is desirable but not necessary, as Chris Carthern, Dr. Will Wilson, Noel Rivera, and Richard Bedwell

start their book with a review of the basics of configuring routers and switches. All the more advanced chapters have labs and exercises to reinforce the concepts learned. This book differentiates itself from other Cisco books on the market by approaching network security from a hacker's perspective. Not only does it provide network security recommendations but it teaches you how to use black-hat tools such as oclHashcat, Loki, Burp Suite, Scapy, Metasploit, and Kali to actually test the security concepts learned. Readers of Cisco Networks will learn How to configure Cisco switches, routers, and data center devices in typical corporate network architectures The skills and knowledge needed to pass Cisco CCENT, CCNA, and CCNP certification exams How to set up and configure at-home labs using virtual machines and lab exercises in the book to practice advanced Cisco commands How to implement networks of Cisco devices supporting WAN, LAN, and data center configurations How to implement secure network configurations and configure the Cisco ASA firewall How to use black-hat tools and network penetration techniques to test the security of your network

Sarbanes-Oxley IT Compliance Using Open Source Tools-Christian B Lahti 2007-12-19 The Sarbanes-Oxley Act (officially titled the Public Company Accounting Reform and Investor Protection Act of 2002), signed into law on 30 July 2002 by President Bush, is considered the most significant change to federal securities laws in the United States since the New Deal. It came in the wake of a series of corporate financial scandals, including those affecting Enron, Arthur Andersen, and WorldCom. The law is named after Senator Paul Sarbanes and Representative Michael G. Oxley. It was approved by the House by a vote of 423-3 and by the Senate 99-0. This book illustrates the many Open Source cost-saving opportunities that public companies can explore in their IT enterprise to meet mandatory compliance requirements of the Sarbanes-Oxley act. This book will also demonstrate by example and technical reference both the infrastructure components for Open Source that can be made compliant, and the Open Source tools that can aid in the journey of compliance. Although many books and reference material have been authored on the financial and business side of Sox compliance, very little material is available that directly address the information technology considerations, even less so on how Open Source fits into that discussion. The format of the book will begin each chapter with the IT business and executive considerations of Open Source and SOX compliance. The remaining chapter verbiage will include specific examinations of Open Source applications and tools which relate to the given subject matter. * Only book that shows companies how to use Open Source tools to achieve SOX compliance, which dramatically lowers the cost of using proprietary, commercial applications. * Only SOX compliance book specifically detailing steps to achieve SOX compliance for IT Professionals.

Cloud Computing-Venkata Josyula 2011-05-15 The complete guide to provisioning and managing cloud-based Infrastructure as a Service (IaaS) data center solutions Cloud computing will revolutionize the way IT resources are deployed, configured, and managed for years to come. Service providers and customers each stand to realize tremendous value from this paradigm shift-if they can take advantage of it. Cloud Computing brings together the realistic, start-to-finish guidance they need to plan, implement, and manage cloud solution architectures for tomorrow's virtualized data centers. It introduces cloud 'newcomers' to essential concepts, and offers experienced operations professionals detailed guidance on delivering Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS). This book's replicable solutions and fully-tested best practices will help enterprises, services providers, consultants, and Cisco partners meet the challenge of provisioning end-to-end cloud infrastructures. Drawing on extensive experience working with leading cloud vendors and integrators, the authors present detailed operations workflow examples, proven techniques for operating cloud-based network, compute, and storage infrastructure; a comprehensive management reference architecture; and a complete case study demonstrating rapid, lower-cost solutions design. Cloud Computing will be an indispensable resource for all network/IT professionals and managers involved with planning, implementing, or managing the next generation of cloud computing services. • •Review the key concepts needed to successfully deploy and cloud-based services •Transition common enterprise design patterns and use cases to the cloud •Master architectural principles and infrastructure design for 'real-time' managed IT services •Understand the Cisco approach to cloud-related technologies, systems, and services •Develop a cloud management architecture using ITIL, TMF, and ITU-TMN standards •Implement best practices for cloud service provisioning, activation, and management •Automate cloud infrastructure to simplify service delivery, monitoring and assurance •Choose and implement the right billing/chargeback approaches for your business •Design and build IaaS services, from start to finish •Manage the unique capacity challenges associated with sporadic, real-time demand •Provide a consistent and optimal cloud user experience This book is part of the Networking Technology Series from Cisco Press, which offers networking professionals valuable information for constructing efficient networks, understanding new technologies, and building successful careers.

Reliability and Availability of Cloud Computing-Eric Bauer 2012-07-20 A holistic approach to service reliability and availability of cloud computing Reliability and Availability of Cloud Computing provides IS/IT system and solution architects, developers, and engineers with the knowledge needed to assess the impact of virtualization and cloud computing on service reliability and availability. It reveals how to select the most appropriate design for reliability diligence to assure that user expectations are met. Organized in three parts (basics, risk analysis, and recommendations), this resource is accessible to readers of diverse backgrounds and experience levels. Numerous examples and more than 100 figures throughout the book help readers visualize problems to better understand the topic—and the authors present risks and options in bulleted lists that can be applied directly to specific applications/problems. Special features of this book include: Rigorous analysis of the reliability and availability risks that are inherent in cloud computing Simple formulas that explain the quantitative aspects of reliability and availability Enlightening discussions of the ways in which virtualized applications and cloud deployments differ from traditional system implementations and deployments Specific recommendations for developing reliable virtualized applications and cloud-based solutions Reliability and Availability of Cloud Computing is the guide for IS/IT staff in business, government, academia, and non-governmental organizations who are moving their applications to the cloud. It is also an important reference for professionals in technical sales, product management, and quality management, as well as software and quality engineers looking to broaden their expertise.

Stress Less. Achieve More.-Aimee Bernstein 2015-02-11 Stress. It's unavoidable today, it seems. High-intensity workplaces. Nonstop at-home demands. Traffic that follows you wherever you go. Stress is near impossible to avoid, and whether we acknowledge it or not, it's definitely taking a toll on our productivity and well-being. But is that spinach salad at lunch really helping to reinvigorate you at halftime? Is the yoga class on the way to work truly decreasing your mental workload throughout the day? Or do all these stress-reduction techniques we utilize to help us persevere through the day just become one more thing to do? In Stress Less. Achieve More. executive coach and psychotherapist Aimee Bernstein offers a more effective and realistic approach: Don't try to numb yourself from the pressure or run from it. Embrace it! See it as an energy source that you can tap into in order to accomplish more while feeling calm and centered. Part training manual, part spiritual guide, this must-have book for the stressed individual uncovers a total mental/physical/emotional formula to: • Stop reacting defensively • Retrain natural responses to stress triggers • Resolve conflicts harmoniously • Energize fatigued teammates • Relax in difficult situations • And more When we swim against the stream of stress, we'll drown in its relentless current every time. But when we learn how to turn stress into an ally, we can thrive under even the most demanding circumstances. With the tips, techniques, and exercises in Stress Less. Achieve More. the overwhelmed will finally find the relief they've been searching for.

Cybersecurity Blue Team Toolkit-Nadean H. Tanner 2019-04-30 A practical handbook to cybersecurity for both tech and non-tech professionals As reports of major data breaches fill the headlines, it has become impossible for any business, large or small, to ignore the importance of cybersecurity. Most books on the subject, however, are either too specialized for the non-technical professional or too general for positions in the IT trenches. Thanks to author Nadean Tanner's wide array of experience from teaching at a University to working for the Department of Defense, the Cybersecurity Blue Team Toolkit strikes the perfect balance of substantive and accessible, making it equally useful to those in IT or management positions across a variety of industries. This handy guide takes a simple and strategic look at best practices and tools available to both cybersecurity management and hands-on professionals, whether they be new to the field or looking to expand their expertise. Tanner gives comprehensive coverage to such crucial topics as security assessment and configuration, strategies for protection and defense,

offensive measures, and remediation while aligning the concept with the right tool using the CIS Controls version 7 as a guide. Readers will learn why and how to use fundamental open source and free tools such as ping, tracer, PuTTY, pathping, sysinternals, NMAP, OpenVAS, Nexpose Community, OSSEC, Hamachi, InSSIDer, Nexpose Community, Wireshark, Solarwinds Kiwi Syslog Server, Metasploit, Burp, Clonezilla and many more. Up-to-date and practical cybersecurity instruction, applicable to both management and technical positions • Straightforward explanations of the theory behind cybersecurity best practices • Designed to be an easily navigated tool for daily use • Includes training appendix on Linux, how to build a virtual lab and glossary of key terms The Cybersecurity Blue Team Toolkit is an excellent resource for anyone working in digital policy as well as IT security professionals, technical analysts, program managers, and Chief Information and Technology Officers. This is one handbook that won't gather dust on the shelf, but remain a valuable reference at any career level, from student to executive.

Mastering Kali Linux for Web Penetration Testing-Michael McPhee 2017-06-28 Master the art of exploiting advanced web penetration techniques with Kali Linux 2016.2 About This Book Make the most out of advanced web pen-testing techniques using Kali Linux 2016.2 Explore how Stored (a.k.a. Persistent) XSS attacks work and how to take advantage of them Learn to secure your application by performing advanced web based attacks. Bypass internet security to traverse from the web to a private network. Who This Book Is For This book targets IT pen testers, security consultants, and ethical hackers who want to expand their knowledge and gain expertise on advanced web penetration techniques. Prior knowledge of penetration testing would be beneficial. What You Will Learn Establish a fully-featured sandbox for test rehearsal and risk-free investigation of applications Enlist open-source information to get a head-start on enumerating account credentials, mapping potential dependencies, and discovering unintended backdoors and exposed information Map, scan, and spider web applications using nmap/zenmap, nikto, arachni, webscarab, w3af, and NetCat for more accurate characterization Proxy web transactions through tools such as Burp Suite, OWASP's ZAP tool, and Vega to uncover application weaknesses and manipulate responses Deploy SQL injection, cross-site scripting, Java vulnerabilities, and overflow attacks using Burp Suite, websploit, and SQLMap to test application robustness Evaluate and test identity, authentication, and authorization schemes and sniff out weak cryptography before the black hats do In Detail You will start by delving into some common web application architectures in use, both in private and public cloud instances. You will also learn about the most common frameworks for testing, such as OWASP OGT version 4, and how to use them to guide your efforts. In the next section, you will be introduced to web pentesting with core tools and you will also see how to make web applications more secure through rigorous penetration tests using advanced features in open source tools. The book will then show you how to better hone your web pentesting skills in safe environments that can ensure low-risk experimentation with the powerful tools and features in Kali Linux that go beyond a typical script-kiddie approach. After establishing how to test these powerful tools safely, you will understand how to better identify vulnerabilities, position and deploy exploits, compromise authentication and authorization, and test the resilience and exposure applications possess. By the end of this book, you will be well-versed with the web service architecture to identify and evade various protection mechanisms that are used on the Web today. You will leave this book with a greater mastery of essential test techniques needed to verify the secure design, development, and operation of your customers' web applications. Style and approach An advanced-level guide filled with real-world examples that will help you take your web application's security to the next level by using Kali Linux 2016.2.

Mastering VMware vSphere 6.7-Martin Gavanda 2019-03-07 Unleash the benefits of VMware vSphere 6.7 to provide a powerful, flexible and secure digital infrastructure Key Features Deep dive into areas like management, security, scalability, availability and more with vSphere 6.7 Design, deploy and manage VMware vSphere virtual datacenters Implement monitoring and security of VMware workloads with ease Book Description VMware vSphere provides a powerful, flexible and secure foundation for next-generation applications and datacenters that help you with your digital transformation efficiently. Mastering VMware vSphere, 6.7, Second Edition begins by covering an overview of all the products, solutions and features of the vSphere 6.7 suite, comparing the evolutions with the previous releases. You'll learn to design and plan a virtualization infrastructure to drive performance analysis and then proceed with the workflow and installation of components. Along with new network trends that will help you in optimally designing the vSphere environment, you will also learn the best practices involved in configuring and managing virtual machines in a vSphere infrastructure. With vSphere 6.7, you'll make use of more powerful capabilities for patching, upgrading and managing the configuration of the virtual environment. The concluding chapters focus on core vSphere components as storage and network and you will learn all you need about resource management followed by topics as high availability and disaster recovery, troubleshooting, monitoring and security. By the end of the book you will discover different approaches on how to build your own VMware vSphere lab to help you run even the most demanding workloads What you will learn Get a deep understanding of vSphere 6.7 functionalities Design a virtualization environment based on VMware vSphere 6.7 Manage and administer a vSphere 6.7 environment and resources Get tips for the VCP6-DCV and VCIX6-DCV exams Implement different migration techniques across different environments Deploy and understand different concepts of VMware vSphere 6.7 lab Who this book is for If you are an administrator, infrastructure engineer, IT architect, or an IT consultant who has basic knowledge of VMware vSphere and now wants to master it, then this book is for you.

Transforming Campus Networks to Intent-Based Networking-Pieter-Jan Nefkens 2019-08-15 Intent-Based Networking (IBN) enables you to create networks that capture business intent, automatically activate it across your network, assure that your network has responded properly, proactively detect and contain security threats, and remedy other network issues before users even notice. Intent-based networking makes networks dramatically more valuable, but few organizations have the luxury of building them from the ground up. In this guide, leading IBN expert Pieter-Jans Nefkens presents a unique four-phase approach to preparing and transforming existing network infrastructures, architectures, and organization to gain maximum value from IBN with minimum disruption and cost. Writing for network consultants, network architects, network designers, and senior network engineers, Nefkens outlines the problems IBN is intended to solve, and illuminates its implications: not only for technical infrastructure but also for network architecture, team management, and culture. Drawing on his pioneering IBN experience, Nefkens makes specific recommendations, identifies pitfalls, and show how to overcome them. You'll discover how to implement IBN with Cisco's Digital Network Architecture and DNA Center, and walk through several real-world use cases: large enterprise networks, worldwide campus networks, mid-sized enterprises, and smaller businesses.

Pmi-Rmp Exam Prep Study Guide-Belinda Fremouw 2017-04-12 Ideal for: - Self Study - Study Groups - Training Courses Based on A Guide to the Project Management Body of Knowledge (PMBOK(R) Guide) - Fifth Edition and the Practice Standard for Project Risk Management, this comprehensive PMI-RMP Exam Prep Study Guide provides learners with all of the information needed to be successful on the PMI-RMP exam. Exercises throughout the Study Guide ensure maximum learner engagement and retention. Aligned with: - PMI-RMP Examination Content Outline - Practice Standard for Project Risk Management - PMBOK(R) Guide - Fifth Edition

The Argument of Mathematics-Andrew Aberdein 2013-07-01 Written by experts in the field, this volume presents a comprehensive investigation into the relationship between argumentation theory and the philosophy of mathematical practice. Argumentation theory studies reasoning and argument, and especially those aspects not addressed, or not addressed well, by formal deduction. The philosophy of mathematical practice diverges from mainstream philosophy of mathematics in the emphasis it places on what the majority of working mathematicians actually do, rather than on mathematical foundations. The book begins by first challenging the assumption that there is no role for informal logic in mathematics. Next, it details the usefulness of argumentation theory in the understanding of mathematical practice, offering an impressively diverse set of examples, covering the history of mathematics, mathematics education and, perhaps surprisingly, formal proof verification. From there, the book demonstrates that mathematics also offers a valuable testbed for argumentation theory. Coverage concludes by defending attention to mathematical argumentation as the basis for new perspectives on the philosophy of mathematics.

CompTIA Security+ (exam SY0-301)-Sean-Philip Oriyano 2013 Ace preparation for the CompTIA Security+ Exam SY0-301 with this 2-in-1 Training Kit from Microsoft Press]. Features a series of lessons and practical exercises to maximize performance with customizable testing options.

Hands-On Red Team Tactics-Himanshu Sharma 2018-09-28 Your one-stop guide to learning and implementing Red Team tactics effectively Key Features Target a complex enterprise environment in a Red Team activity Detect threats and respond to them with a real-world cyber-attack simulation Explore advanced penetration testing tools and techniques Book Description Red Teaming is used to enhance security by performing simulated attacks on an organization in order to detect network and system vulnerabilities. Hands-On Red Team Tactics starts with an overview of pentesting and Red Teaming, before giving you an introduction to few of the latest pentesting tools. We will then move on to exploring Metasploit and getting to grips with Armitage. Once you have studied the fundamentals, you will learn how to use Cobalt Strike and how to set up its team server. The book introduces some common lesser known techniques for pivoting and how to pivot over SSH, before using Cobalt Strike to

pivot. This comprehensive guide demonstrates advanced methods of post-exploitation using Cobalt Strike and introduces you to Command and Control (C2) servers and redirectors. All this will help you achieve persistence using beacons and data exfiltration, and will also give you the chance to run through the methodology to use Red Team activity tools such as Empire during a Red Team activity on Active Directory and Domain Controller. In addition to this, you will explore maintaining persistent access, staying untraceable, and getting reverse connections over different C2 covert channels. By the end of this book, you will have learned about advanced penetration testing tools, techniques to get reverse shells over encrypted channels, and processes for post-exploitation. What you will learn Get started with red team engagements using lesser-known methods Explore intermediate and advanced levels of post-exploitation techniques Get acquainted with all the tools and frameworks included in the Metasploit framework Discover the art of getting stealthy access to systems via Red Teaming Understand the concept of redirectors to add further anonymity to your C2 Get to grips with different uncommon techniques for data exfiltration Who this book is for Hands-On Red Team Tactics is for you if you are an IT professional, pentester, security consultant, or ethical hacker interested in the IT security domain and wants to go beyond Penetration Testing. Prior knowledge of penetration testing is beneficial.

PMP Exam Prep-Rita Mulcahy 2001 This is the only comprehensive guide to getting ready to pass the Project Management Professional (PMP(R)) Certification Exam. This third edition is current and complete with 60 more pages and over 600 changes from the last edition. Tells you what to study and how to study and helps increase your confidence. This book has been selected by Project Management Institute (PMI(R)) for their only PMP review class in 1999 and by many PMI chapters for the chapter PMP review classes.

ITIL Foundation Exam Study Guide-Liz Gallacher 2012-08-15 Everything you need to prepare for the ITIL exam - Accredited to 2011 syllabus The ITIL (Information Technology Infrastructure Library) exam is the ultimate certification for IT service management. This essential resource is a complete guide to preparing for the ITIL Foundation exam and includes everything you need for success. Organized around the ITIL Foundation (2011) syllabus, the study guide addresses the ITIL Service Lifecycles, the ITIL processes, roles, and functions, and also thoroughly explains how the Service Lifecycle provides effective and efficient IT services. Offers an introduction to IT service management and ITIL V3 service strategy Highlights the topics of service design and development and the service management processes Reviews the building, testing, authorizing, documenting, and implementation of new and changed services into operation Addresses creating and maintaining value for customers through monitoring and improving services, processes, and technology Download valuable study tools including practice exams, flashcards, a glossary of key terms and more. If you prefer self-study over the more expensive training course, but you don't want to skimp on information or preparation, then this study guide is for you.

Pmp Exam Prep - Instructor Workbook-Belinda Goodrich 2018-03-17 INSTRUCTOR WORKBOOK Based on "A Guide to the Project Management Body of Knowledge (PMBOK Guide), 6th Edition" and the 26 March 2018 exam changes, this comprehensive PMP Exam Prep Student Workbook provides learners with all of the exercises and practice test questions needed to be successful on the PMP exam. Includes: Learner scoring progress chart Lesson review practice tests with 210 questions Vocabulary tests for 14 lessons Four 75-question practice tests One 150-question mock CAPM test One 200-question mock PMP test Answer keys and explanations for all exercises and questions. FOR USE WITH THE PMP INSTRUCTOR COURSEBOOK

CCDA 640-864 Official Cert Guide-Anthony Bruno 2011-06-09 This is the eBook version of the print title. Note that the eBook does not provide access to the practice test software that accompanies the print book. Trust the best selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. They are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. CCDA 640-864 Official Cert Guide presents you with an organized test preparation routine through the use of proven series elements and techniques. "Do I Know This Already?" quizzes open each chapter and enable you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Master Cisco CCDA 640-864 exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks CCDA 640-864 Official Cert Guide, focuses specifically on the objectives for the Cisco CCDA DESGN exam. Expert networking consultants Anthony Bruno and Steve Jordan share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. Well-regarded for its level of detail, assessment features, comprehensive design scenarios, and challenging review questions and exercises, this official study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The official study guide helps you master all the topics on the CCDA DESGN exam, including: Network design methodology Network structure models Enterprise LAN and data center design Enterprise network virtualization Wireless LAN design WAN technologies and design IPv4 and IPv6 RIP, EIGRP, OSPF, and BGP Route summarization and route filtering Security solutions Voice and video design Network management protocols CCDA 640-864 Official Cert Guide is part of a recommended learning path from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press. To find out more about instructor-led training, e-learning, and hands-on instruction offered by authorized Cisco Learning Partners worldwide, please visit www.cisco.com/go/authorizedtraining.

Global Sourcing of Information Technology and Business Processes-Ilan Oshri 2010-09-09 This edited book is intended for use by students, academics and practitioners who take interest in outsourcing and offshoring of information technology and business processes. The book offers a review of the key topics in outsourcing and offshoring, polished with practical frameworks that serve as a tool kit to students and managers. The range of topics covered here is wide and diverse. The sourcing models available to client firms are discussed in great depth and the decision-making processes and considerations regarding the sourcing model and sourcing settings are examined. Vendor capabilities as well as client capabilities are studied in depth and links are offered to the various sourcing models. Issues pertaining to knowledge and expertise are also discussed throughout the book. Last but not least, the book examines current and future trends in outsourcing and offshoring, paying particular attention to the role that CIOs will play in shaping their sourcing strategies. The book is based on a vast empirical base brought together through years of intensive research by the leading researchers of outsourcing and offshoring. June 2010 Ilan Oshri Julia Kotlarsky Organization Global Sourcing Workshop is an annual gathering of academics and practitioners. Program Committee Workshop Chair Leslie Willcocks (London School of Economics, London, UK) Workshop Committee Julia Kotlarsky (Warwick Business School, Coventry, UK) Ilan Oshri (Rotterdam School of Management, Rotterdam, The Netherlands) Joseph Rottman (St. Louis University, St.

Cisco CCNA Simplified-Paul W. Browning 2017-04-18 Are you looking to pass the coveted Cisco CCNA Routing and Switching exam? There are so many study guides to choose from, but most of them only serve to confuse students with unnecessary technical jargon and useless information rather than teach them what they need to know to pass the exam and actually apply what they have learned to the real world of IT. This book will prepare you for the latest Cisco CCNA Routing exams, including: - 200-125 CCNA - Interconnecting Cisco Networking Devices: Accelerated (CCNAX) - 100-105 ICND1 - Interconnecting Cisco Networking Devices: Part 1 (ICND1) - 200-105 ICND2 - Interconnecting Cisco Networking Devices: Part 2 (ICND2) Over 50% of the CCNA exam marks are awarded for completing the notoriously difficult practical lab scenarios, so why are there next to no labs to be found in most CCNA study guides? We've packed over 45 follow-along mini-labs and 32 full labs into this study guide, as well as solutions and configurations you can try at home so that you really learn how to configure and troubleshoot all the important exam topics, including: - Routing protocols such as EIGRP and OSPF - IPv6 internetworking - Securing the router and switch with passwords - VLANs and VLAN security - Access lists and Network Address Translation - Backing up important configuration files - Planning and designing a network addressing scheme - Spanning Tree Protocol - Answering any subnetting question within seconds - guaranteed! - Quickly troubleshooting and fixing network faults in the exam and in the real world - Setting up a router and switch from scratch with no previous experience - And much more The book has been broken down into ICND1 topics in the first half and ICND2 topics in the second half so that you can take either the one-exam or two-exam route. In their day jobs the authors work on live enterprise networks for global companies, so let them share their decades of internetworking experience with you. They have packed this study guide with exam tips and real-world advice that you can use on the job to avoid common mistakes made by both junior and experienced network engineers. These mistakes can cost you your job. As well as the labs and mini-labs, the theory has been broken up into easy to manage modules so that you can study at your own pace and really master the technologies. There is more than \$400 worth of practice exams, advanced challenge labs, and study videos at the URL below for you to enjoy free of charge and to guarantee your success come exam day. <https://www.howtonetwork.com/ccnasimplified>

Architecture and Patterns for IT Service Management, Resource Planning, and Governance: Making Shoes for the Cobbler's Children-Charles T. Betz 2011-11-02 Information technology supports efficient

operations, enterprise integration, and seamless value delivery, yet itself is too often inefficient, un-integrated, and of unclear value. This completely rewritten version of the bestselling Architecture and Patterns for IT Service Management, Resource Planning and Governance retains the original (and still unique) approach: apply the discipline of enterprise architecture to the business of large scale IT management itself. Author Charles Betz applies his deep practitioner experience to a critical reading of ITIL 2011, COBIT version 4, the CMMI suite, the IT portfolio management literature, and the Agile/Lean IT convergence, and derives a value stream analysis, IT semantic model, and enabling systems architecture (covering current topics such as CMDB/CMS, Service Catalog, and IT Portfolio Management). Using the concept of design patterns, the book then presents dozens of visual models documenting challenging problems in integrating IT management, showing how process, data, and IT management systems must work together to enable IT and its business partners. The edition retains the fundamental discipline of traceable process, data, and system analysis that has made the first edition a favored desk reference for IT process analysts around the world. This best seller is a must read for anyone charged with enterprise architecture, IT planning, or IT governance and management. Lean-oriented process analysis of IT management, carefully distinguished from an IT functional model Field-tested conceptual information model with definitions and usage scenarios, mapped to both the process and system architectures Integrated architecture for IT management systems Synthesizes Enterprise Architecture, IT Service Management, and IT Portfolio Management in a practical way

Learn Linux in 5 Days-Jason Cannon 2015-02-08 If you want to learn how to use Linux and level up your career but are pressed for time, read on.As the founder of the Linux Training Academy and an instructor of several courses, I've had the good fortune of helping thousands of people hone their Linux skills. Interacting with so many people who are just getting started with the Linux operating system has given me invaluable insight into the particular struggles and challenges people face at this stage.One of the biggest challenges for people interested in learning the ins and outs of Linux is simply a lack of time. When you are working with a limited and extremely valuable resource you want to make sure you make the most of it.The next biggest challenge for Linux newcomers is knowing where to start. There is so much information available that deciding what to focus your attention on first is a big enough hurdle to keep many people from even starting. What's worse is starting down the path of learning only to discover too many concepts, commands, and nuances that aren't explained. This kind of experience is frustrating and leaves you with more questions than answers.That's why I've written this book.Not only have I condensed the most important material into five sections, each designed to be consumed in a day, I've also structured the content in a logical and systematic manner. This way you'll be sure to make the most out of your time by learning the foundational aspects of Linux first and then building upon that foundation each day.In Learn Linux in 5 Days you will learn the most important concepts and commands, and be guided step-by-step through several practical and real-world examples. As new concepts, commands, or jargon are encountered they are explained in plain language, making it easy to understand.Here is what you will learn by reading Learn Linux in 5 Days: How to get access to a Linux server if you don't already. What a Linux distribution is and which one to choose. What software is needed to connect to Linux from Mac and Windows computers. Screenshots included. What SSH is and how to use it, including creating and using SSH keys. The file system layout of Linux systems and where to find programs, configurations, and documentation. The basic Linux commands you'll use most often. Creating, renaming, moving, and deleting directories. Listing, reading, creating, editing, copying, and deleting files. Exactly how permissions work and how to decipher the most cryptic Linux permissions with ease. How to use the nano, vi, and emacs editors. Two methods to search for files and directories. How to compare the contents of files. What pipes are, why they are useful, and how to use them. How to compress files to save space and make transferring data easy. How and why to redirect input and output from applications. How to customize your shell prompt. How to be efficient at the command line by using aliases, tab completion, and your shell history. How to schedule and automate jobs using cron. How to switch users and run processes as others. Where to go for even more in-depth coverage on each topic. What you learn in Learn Linux in 5 Days applies to any Linux environment including Ubuntu, Debian, Linux Mint, RedHat, Fedora, OpenSUSE, Slackware, and more.Scroll up, click the Buy Now With 1 Click button and get started learning Linux today!

Measuring ITSM-Randy A. Steinberg 2013-12 How do you measure and report your IT services and processes? Which metrics matter the most to senior executives? Finally, here is a book that shows you how! Not theory, but a practical guide that shows you the operational metrics to use and how these can be calculated into key performance indicators (KPIs) and critical success factors (CSFs) that resonate with senior management. In this book, you will learn about the following: Defining and building a comprehensive metrics program Metrics that are the most important and how to calculate them How to measure your IT services Tips and suggestions for what to do if inadequate tools and reporting exist Suggested approach for how to build your metrics program step-by-step In addition, this book directs you to free sources for IT service management process and service metrics and reporting dashboards that you can use yourself. Simply enter your key operational metrics and the KPIs and CSFs get automatically calculated! "A comprehensive guide for building any service management metrics program with all the information you need in one place!" "No theory here . . . this gives us real metrics we can easily go after." "A fantastic addition to our IT service management solution set!"

Measuring Organizational Information Systems Success: New Technologies and Practices-Belkhamza, Zakariya 2012-02-29 "This book explores new approaches which may better effectively identify, explain, and improve IS assessment in organizations"--Provided by publisher.

Migrating Large-Scale Services to the Cloud-Eric Passmore 2016-06-03 This book reveals the technical challenges and successful implementation details of migrating MSN, Microsoft's consumer content portal--a business with 450 million worldwide users--into the Cloud. Following a technique long used in aviation, medicine, and other fields, MSN's Chief Technical Officer, Eric Passmore, describes the set of release, deployment, monitoring, and mitigation checklists used to build cloud services supporting hundreds of millions of users on Azure, Microsoft's Public Cloud. An undertaking of this scale--involving services supported by a large team of engineers--involves unique challenges and risks. This book demonstrates through personal experience how to cut through the theory and provides checklists as a surprisingly simple antidote to the competing methodologies. This book works at two levels. At a fundamental level, businesses need to be successful in the cloud if they want to seize new opportunities and transform their business to compete successfully. This book provides a framework for success by identifying the "hidden" work as part of moving to the cloud. At a more practical, level there is an incredible hunger for simple to follow, "how-to" information on Cloud migration. This book is a reference guide to reduce risk and achieve success without requiring the busy reader to wade through theory. It contains simple to follow, "how-to" information on cloud migration. It is a reference guide to achieving success, and any team can modify these tasks to fit the needs of their own organization. Who This Book is For: Technology professionals who deploy services in the cloud or are thinking of moving to the cloud. Professionals in the DevOps and Cloud services fields need these skills to succeed in their current jobs or advance their careers.

The Failure of Risk Management-Douglas W. Hubbard 2009-04-27 This book "takes a close look at misused and misapplied basic analysis methods and shows how some of the most popular "risk management" methods are no better than astrology! Using examples from the 2008 credit crisis, natural disasters, outsourcing to China, engineering disasters, and more, Hubbard reveals critical flaws in risk management methods--and shows how all of these problems can be fixed. The solutions involve combinations of scientifically proven and frequently used methods from nuclear power, exploratory oil, and other areas of business and government. Finally, Hubbard explains how new forms of collaboration across all industries and government can improve risk management in every field." - product description.

IT Infrastructure Architecture - Infrastructure Building Blocks and Concepts Third Edition-Sjaak Laan 2017-02-03 This book explains the concepts, history, and implementation of IT infrastructures. Although many of books can be found on each individual infrastructure building block, this is the first book to describe all of them: datacenters, servers, networks, storage, operating systems, and end user devices. The building blocks described in this book provide functionality, but they also provide the non-functional attributes performance, availability, and security. These attributes are explained on a conceptual level in separate chapters, and specific in the chapters about each individual building block. Whether you need an introduction to infrastructure technologies, a refresher course, or a study guide for a computer science class, you will find that the presented building blocks and concepts provide a solid foundation for understanding the complexity of today's IT infrastructures. This book can be used as part of IT architecture courses based on the IS 2010.4 curriculum.

Applications for Future Internet-Enrique Sucar 2016-12-05 This book constitutes the refereed proceedings of the International Summit on Applications for Future Internet, AFI 2016, held in Puebla, Mexico, in May 2016. The 21 papers presented were carefully selected from 29 submissions and focus on the usage of Future Internet in the biological and health sciences as well as the increased application of IoT devices in fields like smart cities, health and agriculture.

Key Element Guide ITIL Service Strategy-David Cannon 2012-07-01 The Service Strategy Key Element Guide provides a handy reference to the content contained within the core ITIL Service Strategy guidance and summarises its key elements. Service Strategy is a view of ITIL that aligns business and IT so that each brings out the best in the other. It ensures that every stage of the Service Lifecycle stays focused on the business case and relates to all the companion process elements that follow

CISA Review Manual 2013-Isaca 2012

Performance Improvement Pathfinders-Peter John Dean 1997

Trans Teen Survival Guide-Fox Fisher 2018-09-21 Frank, friendly and funny, the Trans Teen Survival Guide will leave transgender and non-binary teens informed, empowered and armed with all the tips, confidence and practical advice they need to navigate life as a trans teen. Wondering how to come out to your family and friends, what it's like to go through cross hormonal therapy or how to put on a packer? Trans youth activists Fox and Owl have stepped in to answer everything that trans teens and their families need to know. With a focus on self-care, expression and being proud of your unique identity, the guide is packed full of invaluable advice from people who understand the realities and complexities of growing up trans. Having been there, done that, Fox and Owl are able to honestly chart the course of life as a trans teen, from potentially life-saving advice on dealing with dysphoria or depression, to hilarious real-life awkward trans stories.

Kubernetes Management Design Patterns-Deepak Vohra 2017-01-20 Take container cluster management to the next level; learn how to administer and configure Kubernetes on CoreOS; and apply suitable management design patterns such as Configmaps, Autoscaling, elastic resource usage, and high availability. Some of the other features discussed are logging, scheduling, rolling updates, volumes, service types, and multiple cloud provider zones. The atomic unit of modular container service in Kubernetes is a Pod, which is a group of containers with a common filesystem and networking. The Kubernetes Pod abstraction enables design patterns for containerized applications similar to object-oriented design patterns. Containers provide some of the same benefits as software objects such as modularity or packaging, abstraction, and reuse. CoreOS Linux is used in the majority of the chapters and other platforms discussed are CentOS with OpenShift, Debian 8 (jessie) on AWS, and Debian 7 for Google Container Engine. CoreOS is the main focus because Docker is pre-installed on CoreOS out-of-the-box. CoreOS: Supports most cloud providers (including Amazon AWS EC2 and Google Cloud Platform) and virtualization platforms (such as VMWare and VirtualBox) Provides Cloud-Config for declaratively configuring for OS items such as network configuration (flannel), storage (etcd), and user accounts Provides a production-level infrastructure for containerized applications including automation, security, and scalability Leads the drive for container industry standards and founded appc Provides the most advanced container registry, Quay Docker was made available as open source in March 2013 and has become the most commonly used containerization platform. Kubernetes was open-sourced in June 2014 and has become the most widely used container cluster manager. The first stable version of CoreOS Linux was made available in July 2014 and since has become one of the most commonly used operating system for containers. What You'll Learn Use Kubernetes with Docker Create a Kubernetes cluster on CoreOS on AWS Apply cluster management design patterns Use multiple cloud provider zones Work with Kubernetes and tools like Ansible Discover the Kubernetes-based PaaS platform OpenShift Create a high availability website Build a high availability Kubernetes master cluster Use volumes, configmaps, services, autoscaling, and rolling updates Manage compute resources Configure logging and scheduling Who This Book Is For Linux admins, CoreOS admins, application developers, and container as a service (CAAS) developers. Some pre-requisite knowledge of Linux and Docker is required. Introductory knowledge of Kubernetes is required such as creating a cluster, creating a Pod, creating a service, and creating and scaling a replication controller. For introductory Docker and Kubernetes information, refer to Pro Docker (Apress) and Kubernetes Microservices with Docker (Apress). Some pre-requisite knowledge about using Amazon Web Services (AWS) EC2, CloudFormation, and VPC is also required.

Windows 10 Simplified-Paul McFedries 2015-09-08 Learn Windows 10 quickly and painlessly with this beginner's guide Windows 10 Simplified is your absolute beginner's guide to the ins and outs of Windows. Fully updated to cover Windows 10, this highly visual guide covers all the new features in addition to the basics, giving you a one-stop resource for complete Windows 10 mastery. Every page features step-by-step screen shots and plain-English instructions that walk you through everything you need to know, no matter how new you are to Windows. You'll master the basics as you learn how to navigate the user interface, work with files, create user accounts, and practice using the tools that make Windows 10 the most efficient Windows upgrade yet. This guide gets you up to speed quickly, with step-by-step screen shots that help you follow along with the clear, patient instruction. Shed your beginner status with easy-to-follow instructions Master the basics of the interface, files, and accounts Browse the web, use media features, and send and receive email Customize Windows to look and work the way you want Learning new computer skills can be intimidating, but it doesn't have to be. Even if you have no Windows experience at all, this visually rich guide demonstrates everything you need to know, starting from the very beginning. If you're ready to become fluent in Windows, Windows 10 Simplified is the easiest, fastest way to learn.

Deploying IPv6 in Broadband Access Networks-Adeel Ahmed 2011-09-20 An essential reference for deploying IPv6 in broadband networks With the exponential growth of the Internet and increasing number of end users, service providers are increasingly looking for ways to expand their networks to meet the scalability requirements of the growing number of Internet-ready appliances or "always-on" devices. This book bridges a gap in the literature by providing coverage of Internet Protocol Version 6 (IPv6), specifically in broadband access networks. The authors, who are Cisco Certified Internetworking Experts (CCIE), provide comprehensive and first-rate coverage of: IPv6 drivers in broadband networks IPv6 deployment in Cable, DSL, ETTH, and Wireless networks Configuring and troubleshooting IPv6 gateway routers and host Configuring and troubleshooting IPv6 edge routers Configuring and troubleshooting IPv6 provisioning servers The authors also discuss challenges faced by service providers and how IPv6 addresses these issues. Additionally, the book is complemented with examples throughout to further facilitate readers' comprehension and a real large-scale IPv6 BB SP case study is presented. Deploying IPv6 in Broadband Access Networks is essential reading for network operators, network design engineers and consultants, network architects, and members of the networking community.

Rise of the Rocket Girls-Nathalia Holt 2016-04-05 The riveting true story of the women who launched America into space. In the 1940s and 50s, when the newly minted Jet Propulsion Laboratory needed quick-thinking mathematicians to calculate velocities and plot trajectories, they didn't turn to male graduates. Rather, they recruited an elite group of young women who, with only pencil, paper, and mathematical prowess, transformed rocket design, helped bring about the first American satellites, and made the exploration of the solar system possible. For the first time, Rise of the Rocket Girls tells the stories of these women -- known as "human computers" -- who broke the boundaries of both gender and science. Based on extensive research and interviews with all the living members of the team, Rise of the Rocket Girls offers a unique perspective on the role of women in science: both where we've been, and the far reaches of space to which we're heading. "If Hidden Figures has you itching to learn more about the women who worked in the space program, pick up Nathalia Holt's lively, immensely readable history, Rise of the Rocket Girls." -- Entertainment Weekly