

## Configuration Document Of Training And Event Management

Learn the essentials of PowerShell Desired State Configuration. DSC is a new IT management platform built on Windows PowerShell that enables administrators to define the desired state of their systems through declarative configuration documents, and manage configuration data on an ongoing basis. Current IT pros will need to understand DSC as they move into managing Microsoft's next wave of server and cloud products that will leverage this important technology. In this course, Matt Hester shows how to write configuration documents, work with DSC resources, and apply configurations to systems via both push and pull modes. Plus, he shows how to troubleshoot DSC and use DSC in non-Windows environments like Linux.

Windows Server 2008 Unleashed covers the planning, design, prototype testing, implementation, migration, administration, and support of a Windows 2008 and Active Directory environment, based on more than three and a half years of early adopter experience in full production environments. This book addresses not only what is new with Windows 2008 compared to previous versions of the Windows

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Server product, but also what is different and how the similarities and differences affect an organization's migration to Windows 2008. Chapters are dedicated to the migration process from Windows 2000/2003 to Windows 2008, how to properly use Group Policies in Windows 2008, and tips and tricks on managing and administering a Windows 2008 environment. The authors cover the technologies new to Windows 2008, such as IPv6, Network Access Protection (NAP), Network Policy Server (NPS), Terminal Services Remote Programs, Windows Deployment Services (WDS), Hyper-V virtualization, and more! This book doesn't just describe the features and functions included in Windows 2008--there are notes throughout the book explaining how organizations have successfully used the technologies to fulfill core business needs. Tips, tricks, and best practices share lessons learned from hundreds of implementations of Windows 2008 in real-world environments. Detailed information on how to... Plan and migrate from Windows 2000/2003 to Windows 2008 Leverage new tools and utilities that simplify system and network administration functions Enable the latest security technologies to improve secured enterprise computing Better manage a Windows 2008 Active Directory environment Optimize a Windows 2008 environment for better scalability and enhanced performance Implement Windows 2008 for better branch office and remote office integration Design a

Windows 2008 environment to support the latest in clustering, stretched clusters, fault tolerance, and redundant systems technologies Take advantage of add-on technologies available for Windows 2008, including Windows SharePoint Services, Microsoft Hyper-V virtualization, Windows Media Services, and IIS 7 web server solutions

Information Security Policies, Procedures, and Standards: A Practitioner's Reference gives you a blueprint on how to develop effective information security policies and procedures. It uses standards such as NIST 800-53, ISO 27001, and COBIT, and regulations such as HIPAA and PCI DSS as the foundation for the content. Highlighting key terminology, policy development concepts and methods, and suggested document structures, it includes examples, checklists, sample policies and procedures, guidelines, and a synopsis of the applicable standards. The author explains how and why procedures are developed and implemented rather than simply provide information and examples. This is an important distinction because no two organizations are exactly alike; therefore, no two sets of policies and procedures are going to be exactly alike. This approach provides the foundation and understanding you need to write effective policies, procedures, and standards clearly and concisely. Developing policies and procedures may seem to be an overwhelming task. However, by relying on

the material presented in this book, adopting the policy development techniques, and examining the examples, the task will not seem so daunting. You can use the discussion material to help sell the concepts, which may be the most difficult aspect of the process. Once you have completed a policy or two, you will have the courage to take on even more tasks. Additionally, the skills you acquire will assist you in other areas of your professional and private life, such as expressing an idea clearly and concisely or creating a project plan.

Get a hands-on introduction to the Chef, the configuration management tool for solving operations issues in enterprises large and small. Ideal for developers and sysadmins new to configuration management, this guide shows you to automate the packaging and delivery of applications in your infrastructure. You'll be able to build (or rebuild) your infrastructure's application stack in minutes or hours, rather than days or weeks. After teaching you how to write Ruby-based Chef code, this book walks you through different Chef tools and configuration management concepts in each chapter, using detailed examples throughout. All you need to get started is command-line experience and familiarity with basic system administration. Configure your Chef development environment and start writing recipes Create Chef cookbooks with recipes for each part of your infrastructure Use Test Kitchen to manage sandbox testing environments

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Manage single nodes with Chef client, and multiple nodes with Chef Server Use data bags for storing shared global data between nodes Simulate production Chef Server environments with Chef Zero Classify different types of services in your infrastructure with roles Model life stages of your application, including development, testing, staging, and production

Because today's products rely on tightly integrated hardware and software components, system and software engineers, and project and product managers need to have an understanding of both product data management (PDM) and software configuration management (SCM). This groundbreaking book offers you that essential knowledge, pointing out the similarities and differences of these two processes, and showing you how they can be combined to ensure effective and efficient product and system development, production and maintenance. Includes articles in topic areas such as autonomic computing, operating system architectures, and open source software technologies and applications.

This comprehensive guide offers 100 percent coverage of the exam's objectives, real-world scenarios, hands-on exercises, and challenging review questions

Prepares readers to configure terminal services, Web Services infrastructure, security for Web Services, communication services, and file and print services

The newest set of Microsoft Certified Technology Specialist (MCTS) and

Microsoft Certified Information Technology Professional (MCITP) certifications will include exams on Windows Server 2008, and this book is a must-have for those who are looking to upgrade their certifications. For Instructors: Teaching supplements are available for this title.

In today's hypercompetitive global marketplace, accurate cost estimating is crucial to bottom-line results. Nowhere is this more evident than in the design and development of new products and services. Among managing engineers responsible for developing realistic cost estimates for new product designs, the number-one source of information and guidance has been the Cost Estimator's Reference Manual. Comprehensive, authoritative, and practical, the Manual instructs readers in the full range of cost estimating techniques and procedures currently used in the fields of development, testing, manufacturing, production, construction, software, general services, government contracting, engineering services, scientific projects, and proposal preparation. The authors clearly explain how to go about gathering the data essential to preparing a realistic estimate of costs and guide the reader step by step through each procedure. This new Second Edition incorporates a decade of progress in the methods, procedures, and strategies of cost estimating. All the material has been updated and five new chapters have been added to reflect

the most recent information on such increasingly important topics as activity-based costing, software estimating, design-to-cost techniques, and cost implications of new concurrent engineering and systems engineering approaches to projects. Indispensable to virtually anyone whose work requires accurate cost estimates, the Cost Estimator's Reference Manual will be especially valuable to engineers, estimators, accountants, and contractors of products, projects, processes, and services to both government and industry. The essential ready-reference for the techniques, methods, and procedures of cost estimating COST ESTIMATOR'S REFERENCE MANUAL Second Edition Indispensable for anyone who depends on accurate cost estimates for engineering projects, the Cost Estimator's Reference Manual guides the user through both the basic and more sophisticated aspects of the estimating process. Authoritative and comprehensive, the Manual seamlessly integrates the many functions--accounting, financial, statistical, and management--of modern cost estimating practice. Its broad coverage includes estimating procedures applied to such areas as: \* Production \* Software \* Development \* General services \* Testing \* Government contracting \* Manufacturing \* Engineering \* Proposal preparation \* Scientific projects \* Construction This updated and expanded Second Edition incorporates all the most important recent developments in cost

estimating, such as activity-based costing, software estimating, design-to-cost techniques, computer-aided estimating tools, concurrent engineering, and life cycle costing. For engineers, estimators, accountants, planners, and others who are involved in the cost aspects of projects, the Cost Estimator's Reference Manual is an invaluable information source that will pay for itself many times over.

**IPv6 for Enterprise Networks** The practical guide to deploying IPv6 in campus, WAN/branch, data center, and virtualized environments Shannon McFarland, CCIE® No. 5245 Muninder Sambi, CCIE No. 13915 Nikhil Sharma, CCIE No. 21273 Sanjay Hooda, CCIE No. 11737 IPv6 for Enterprise Networks brings together all the information you need to successfully deploy IPv6 in any campus, WAN/branch, data center, or virtualized environment. Four leading Cisco IPv6 experts present a practical approach to organizing and executing your large-scale IPv6 implementation. They show how IPv6 affects existing network designs, describe common IPv4/IPv6 coexistence mechanisms, guide you in planning, and present validated configuration examples for building labs, pilots, and production networks. The authors first review some of the drivers behind the acceleration of IPv6 deployment in the enterprise. Next, they introduce powerful new IPv6 services for routing, QoS, multicast, and management, comparing them with familiar IPv4 features and behavior. Finally, they translate IPv6 concepts into

usable configurations. Up-to-date and practical, IPv6 for Enterprise Networks is an indispensable resource for every network engineer, architect, manager, and consultant who must evaluate, plan, migrate to, or manage IPv6 networks. Shannon McFarland, CCIE No. 5245, is a Corporate Consulting Engineer for Cisco serving as a technical consultant for enterprise IPv6 deployment and data center design with a focus on application deployment and virtual desktop infrastructure. For more than 16 years, he has worked on large-scale enterprise campus, WAN/branch, and data center network design and optimization. For more than a decade, he has spoken at IPv6 events worldwide, including Cisco Live. Muninder Sambi, CCIE No. 13915, is a Product Line Manager for Cisco Catalyst 4500/4900 series platform, is a core member of the Cisco IPv6 development council, and a key participant in IETF's IPv6 areas of focus. Nikhil Sharma, CCIE No. 21273, is a Technical Marketing Engineer at Cisco Systems where he is responsible for defining new features for both hardware and software for the Catalyst 4500 product line. Sanjay Hooda, CCIE No. 11737, a Technical Leader at Cisco, works with embedded systems, and helps to define new product architectures. His current areas of focus include high availability and messaging in large-scale distributed switching systems.

- Identify how IPv6 affects enterprises
- Understand IPv6 services and the IPv6 features that make them

possible n Review the most common transition mechanisms including dual-stack (IPv4/IPv6) networks, IPv6 over IPv4 tunnels, and IPv6 over MPLS n Create IPv6 network designs that reflect proven principles of modularity, hierarchy, and resiliency n Select the best implementation options for your organization n Build IPv6 lab environments n Configure IPv6 step-by-step in campus, WAN/branch, and data center networks n Integrate production-quality IPv6 services into IPv4 networks n Implement virtualized IPv6 networks n Deploy IPv6 for remote access n Manage IPv6 networks efficiently and cost-effectively 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.

Software configuration management (SCM) is one of the scientific tools that is aimed to bring control to the software development process. This new resource is a complete guide to implementing, operating, and maintaining a successful SCM system for software development. Project managers, system designers, and software developers are presented with not only the basics of SCM, but also the different phases in the software development lifecycle and how SCM plays a role in each phase. The factors that should be considered and the pitfalls that should be avoided while designing the SCM system and SCM plan are also discussed.

In addition, this third edition is updated to include cloud computing and on-demand systems. This book does not rely on one specific tool or standard for explaining the SCM concepts and techniques; In fact, it gives readers enough information about SCM, the mechanics of SCM, and SCM implementation, so that they can successfully implement a SCM system.

**Details and Overviews** This is a detailed book that covers every screen of the SAP Menu and IMG. Details are preceded by overviews that show the larger picture and linkages between different concepts. **Learning Guide** This book can be used to learn SAP. You can start learning SAP using this book even if you know nothing about SAP. How to read this book in multiple iterations is explained in the book. **Technical Reference** If you are in SAP menu or IMG and want to find the relevant material in this book, it is very easy. Both SAP menu and IMG are expanded and section number is provided against each item. **A New Approach to SAP Implementation** You can use this book to implement SAP in a structured way. This approach is explained in the book. **Configuration manual** The documentation of SAP implementation includes a configuration manual. This configuration manual may be structured on the lines of this book. **User manual** The documentation of an SAP implementation includes a user manual. This book should serve as a generic user manual. Company-specific user manual may also

be structured on the lines of this book and may include only company-specific guidelines for the users.

This document provides training material to assist the technician in installing and configuring data communications terminal servers. These instructions are specific to SM-FMDDs communications environment.

This four-volume set of LNCS 12821, LNCS 12822, LNCS 12823 and LNCS 12824, constitutes the refereed proceedings of the 16th International Conference on Document Analysis and Recognition, ICDAR 2021, held in Lausanne, Switzerland in September 2021. The 182 full papers were carefully reviewed and selected from 340 submissions, and are presented with 13 competition reports. The papers are organized into the following topical sections: document analysis for literature search, document summarization and translation, multimedia document analysis, mobile text recognition, document analysis for social good, indexing and retrieval of documents, physical and logical layout analysis, recognition of tables and formulas, and natural language processing (NLP) for document understanding.

SCM practices are recognised as core functional areas in assisting a project team to identify, control, audit, and report on all configuration items of a project. Consequently they are then better able to control changes to the working

environment. Moreira presents a totally unique book, offering a “how-to” guide for SCM implementation for commercial and technology fields. A thoroughly practical approach; this guide includes examples and instruction of SCM tasks. This book has an easy to follow set of tasks that can be customized to assist a SCM professional in implementing SCM in a more efficient and expedient manner while also imparting SCM knowledge. Provides a customisable step-by-step process in implementing SCM Discusses typical SCM activities at project level and includes source control, change control, problem management, etc. An accompanying website contains templates, procedures and other materials to aid understanding and encourage the practical applications of the material discussed throughout [www.wiley.com/go/moreira\\_software/](http://www.wiley.com/go/moreira_software/) Anyone who has to implement SCM in his/her company at every level will need this book and find its practical approach useful

AR 700-101 09/02/2003 JOINT OPERATING PROCEDURES MANAGEMENT AND STANDARDIZATION OF MOBILE ELECTRIC POWER GENERATING SOURCES , Survival Ebooks

For trainers free additional material of this book is available. This can be found under the "Training Material" tab. Log in with your trainer account to access the material.Note: This pocket book is available in several languages: English, German, Dutch.Since 2001

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the Van Haren Publishing ITIL Pocket Guides have helped readers all over the world to understand the essentials of ITIL (IT Infrastructure Library), the leading framework for IT service management. This pocket guide does exactly the same as previous editions: offering a concise summary of ITIL, based on ITIL® 2011 Edition. We have condensed the full ITIL framework, found in 2000 pages, into just 200 pocket-sized pages! It means that this book is an essential time-saving and cost-effective guide to ITIL 2011 Edition -- for both industry experts and students alike. Primarily it is a quick, portable reference tool to ITIL for all professionals in the service management community. What is the 'lifecycle' approach? What are the key service management processes and functions? Secondly the ITIL pocket guide can be used as part of the training material for everyone who wants to certify for the ITIL Foundation exam. The guide contents cover all of the specifications of AXELOS' ITIL Foundation Certificate syllabus.

The quick way to learn Windows 10 This is learning made easy. Get more done quickly with Windows 10. Jump in wherever you need answers--brisk lessons and colorful screenshots show you exactly what to do, step by step. Discover fun and functional Windows 10 features! Work with the new, improved Start menu and Start screen Learn about different sign-in methods Put the Cortana personal assistant to work for you Manage your online reading list and annotate articles with the new browser, Microsoft Edge Help safeguard your computer, your information, and your privacy Manage connections to networks, devices, and storage resources

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Security technology convergence, which refers to the incorporation of computing, networking, and communications technologies into electronic physical security systems, was first introduced in the 1970s with the advent of computer-based access control and alarm systems. As the pace of information technology (IT) advances continued to accelerate, the physical security industry continued to lag behind IT advances by at least two to three years. Security Technology Convergence Insights explores this sometimes problematic convergence of physical security technology and information technology and its impact on security departments, IT departments, vendors, and management. Includes material culled directly from author's column in Security Technology Executive Easy-to-read question and answer format Includes real-world examples to enhance key lessons learned

Most projects present teams with challenges relating to time, cost and scope. Careful management of these project elements allows projects to be completed successfully. In order to guide a project's direction, project managers utilize the process of configuration management. Project configuration management is the collective body of processes, activities, tools, and methods used to manage certain items during the project lifecycle. Configuration management is implemented to actively guide the direction of the project and support communication that will facilitate successful completion. Due to the increasing complexity of projects and greater competition among companies, the knowledge of configuration management techniques is more important than ever.

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Praise for the first edition: “This excellent text will be useful to every system engineer (SE) regardless of the domain. It covers ALL relevant SE material and does so in a very clear, methodical fashion. The breadth and depth of the author's presentation of SE principles and practices is outstanding.” –Philip Allen This textbook presents a comprehensive, step-by-step guide to System Engineering analysis, design, and development via an integrated set of concepts, principles, practices, and methodologies. The methods presented in this text apply to any type of human system -- small, medium, and large organizational systems and system development projects delivering engineered systems or services across multiple business sectors such as medical, transportation, financial, educational, governmental, aerospace and defense, utilities, political, and charity, among others. Provides a common focal point for “bridging the gap” between and unifying System Users, System Acquirers, multi-discipline System Engineering, and Project, Functional, and Executive Management education, knowledge, and decision-making for developing systems, products, or services Each chapter provides definitions of key terms, guiding principles, examples, author’s notes, real-world examples, and exercises, which highlight and reinforce key SE&D concepts and practices Addresses concepts employed in Model-Based Systems Engineering (MBSE), Model-Driven Design (MDD), Unified Modeling Language (UMLTM) / Systems Modeling Language (SysMLTM), and Agile/Spiral/V-Model Development such as user needs, stories, and use cases analysis; specification

development; system architecture development; User-Centric System Design (UCSD); interface definition & control; system integration & test; and Verification & Validation (V&V) Highlights/introduces a new 21st Century Systems Engineering & Development (SE&D) paradigm that is easy to understand and implement. Provides practices that are critical staging points for technical decision making such as Technical Strategy Development; Life Cycle requirements; Phases, Modes, & States; SE Process; Requirements Derivation; System Architecture Development, User-Centric System Design (UCSD); Engineering Standards, Coordinate Systems, and Conventions; et al. Thoroughly illustrated, with end-of-chapter exercises and numerous case studies and examples, Systems Engineering Analysis, Design, and Development, Second Edition is a primary textbook for multi-discipline, engineering, system analysis, and project management undergraduate/graduate level students and a valuable reference for professionals.

Updated as of January 1, 2018, this guide includes relevant guidance contained in applicable standards and other technical sources. It explains the relationship between a service organization and its user entities, provides examples of service organizations, describes the description criteria to be used to prepare the description of the service organization's system, identifies the trust services criteria as the criteria to be used to evaluate the design and operating effectiveness of controls, explains the difference between a type 1 and type 2 SOC 2 report, and provides illustrative reports for CPAs

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engaged to examine and report on system and organization controls at a service organization. It also describes the matters to be considered and procedures to be performed by the service auditor in planning, performing, and reporting on SOC 2 and SOC 3 engagements. New to this edition are: Updated for SSAE No. 18 (clarified attestation standards), this guide has been fully conformed to reflect lessons learned in practice Contains insight from expert authors on the SOC 2 working group composed of CPAs who perform SOC 2 and SOC 3 engagements Includes illustrative report paragraphs describing the matter that gave rise to the report modification for a large variety of situations Includes a new appendix for performing and reporting on a SOC 2 examination in accordance with International Standards on Assurance Engagements (ISAEs) or in accordance with both the AICPA's attestation standards and the ISAEs The Executive's Guide to Information Technology is a sophisticated and comprehensive guide to running a cost-effective, efficient, and business delivery-focused corporate Information Technology (IT) unit. Eschewing the theoretical for the practical, the book gives managers the guidance they need to handle any problem effectively. It provides specific policies, approaches, and tools for each critical IT management function ó from application management to vendor management. IT management experts John Baschab and Jon Piot provide the techniques IT managers and executives need to accurately assess their current operations. Further, they offer a step-by-step improvement plan designed to raise productivity and service levels while reducing

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costs significantly. The authors begin by examining the symptoms and causes of waste, inefficiency and underperformance in typical IT departments before offering in-depth analysis of each operational area of IT management. They present current and emerging best practices for transforming the department into a world-class service organization. Packed with prescriptive advice and hard-earned insight, this comprehensive resource is organized into stand-alone chapters that provide quick access to important information when managers need it. In addition, spreadsheets, documents, and checklists are designed to aid in planning and decision-making and can be easily accessed on the included CD-ROM. Designed to help IT managers and top executives get the most out of their departments, their budget and themselves, the book covers such topics as: managing the department, establishing leadership roles, assessing the organization, cost management, project demand management, operations management, infrastructure planning, vendor selection and management, technical standards setting, investment evaluation, and productivity and quality measurement programs. With *The Executive's Guide to Information Technology*, IT managers will understand the main sources of waste in their departments, identify major management issues, learn and implement critical steps toward improvement, and manage more effectively. The book will help managers improve their performance and stature within their organizations by providing the tips and tools to overcome typical areas of friction and miscommunication between IT departments and other business

functions. Executives will understand how to work effectively with the CIO or IT director, as well as provide constructive management input to the IT function, achieving the best return on their IT assets.

In line with the federal structure of the Nigerian State, tax administration in the country is multi-tiered. The Federal Inland Revenue Service is responsible for assessing, collecting and accounting for tax and other revenues accruing to the Federal Government. The States Boards of Internal Revenue and the Local Government Revenue Committees perform similar functions at the State and Local Government levels respectively. This book attempts to chronicle the changes that have been taking place within the Federal Inland Revenue Service since 2004 and how these activities have contributed to the reforms in the Nigerian tax system. Chapters include tax policy, tax legislation, judicial processes, modernisation, compliance and enforcement, taxpayer services and delivery standard, entrenching a strong ethical code, capacity building, asset management, security and safety management, cooperation and collaboration, international involvement, and tax treaty network and transfer pricing. The book talks about the importance of sales and Distribution module as a very important component of SAP software in view of logistics. It is deeply integrated with many other modules such as Finance (FI), Production Planning (PP), Sales and Distribution (SD), Quality Management (QM), Plant Maintenance (PM), Warehouse Management (WM) and Materials Management Salient Features: -Latest version of SD

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Module to keep the reader updated about working with new features -Integrated with main Functional SAP ERP Modules: FICO (Finance & Controlling), PP (Production Planning), MM (Material Management), PM (Plant Management), QM (Quality Management) which is useful for Professional who will work on SD module in the industry -Start with basics, covers implementation and includes add a tips as well. -300+Chapter end questions

Qualified SharePoint administrators are in demand, and what better way to show your expertise in this growing field than with Microsoft's new MCTS: Microsoft Office SharePoint Server 2007, Configuration certification. Inside, find everything you need to prepare for exam 70-630, including full coverage of exam topics—such as configuring content management, managing business intelligence, and more—as well as challenging review questions, real-world scenarios, practical exercises, and a CD with advanced testing software. For Instructors: Teaching supplements are available for this title.

Successful engineering projects require a clear vision and long term strategy. Therefore, effective business initiatives have been applied to the engineering environment in order to enhance its management perspectives. Business Strategies and Approaches for Effective Engineering Management brings together the latest methodologies, principles, practices, and tools for engineering management. By providing theoretical analysis and practical applications, this book is a useful reference

for industry experts, researchers, and academicians regarding progressive strategies for successful management.

As a result of a rigorous, methodical process that (ISC) follows to routinely update its credential exams, it has announced that enhancements will be made to both the Certified Information Systems Security Professional (CISSP) credential, beginning April 15, 2015. (ISC) conducts this process on a regular basis to ensure that the examinations and

To build reliable, industry-applicable software products, large-scale software project groups must continuously improve software engineering processes to increase product quality, facilitate cost reductions, and adhere to tight schedules. Emphasizing the critical components of successful large-scale software projects, *Software Project Management: A*

What the experts have to say about *Model-Based Testing for Embedded Systems*:

"This book is exactly what is needed at the exact right time in this fast-growing area. From its beginnings over 10 years ago of deriving tests from UML statecharts, model-based testing has matured into a topic with both breadth and depth. Testing embedded systems is a natural application of MBT, and this book hits the nail exactly on the head. Numerous topics are presented clearly, thoroughly, and concisely in this cutting-edge book. The authors are world-class leading experts in this area and teach us well-used and validated techniques, along with new ideas for solving hard problems. "It is rare

that a book can take recent research advances and present them in a form ready for practical use, but this book accomplishes that and more. I am anxious to recommend this in my consulting and to teach a new class to my students." —Dr. Jeff Offutt, professor of software engineering, George Mason University, Fairfax, Virginia, USA

"This handbook is the best resource I am aware of on the automated testing of embedded systems. It is thorough, comprehensive, and authoritative. It covers all important technical and scientific aspects but also provides highly interesting insights into the state of practice of model-based testing for embedded systems." —Dr. Lionel C. Briand, IEEE Fellow, Simula Research Laboratory, Lysaker, Norway, and professor at the University of Oslo, Norway

"As model-based testing is entering the mainstream, such a comprehensive and intelligible book is a must-read for anyone looking for more information about improved testing methods for embedded systems. Illustrated with numerous aspects of these techniques from many contributors, it gives a clear picture of what the state of the art is today." —Dr. Bruno Legard, CTO of Smartesting, professor of Software Engineering at the University of Franche-Comté, Besançon, France, and co-author of Practical Model-Based Testing

The latest update to Bela Liptak's acclaimed "bible" of instrument engineering is now available. Retaining the format that made the previous editions bestsellers in their own right, the fourth edition of Process Control and Optimization continues the tradition of providing quick and easy access to highly practical information. The authors are

practicing engineers, not theoretical people from academia, and their from-the-trenches advice has been repeatedly tested in real-life applications. Expanded coverage includes descriptions of overseas manufacturer's products and concepts, model-based optimization in control theory, new major inventions and innovations in control valves, and a full chapter devoted to safety. With more than 2000 graphs, figures, and tables, this all-inclusive encyclopedic volume replaces an entire library with one authoritative reference. The fourth edition brings the content of the previous editions completely up to date, incorporates the developments of the last decade, and broadens the horizons of the work from an American to a global perspective. Béla G. Lipták speaks on Post-Oil Energy Technology on the AT&T Tech Channel.

Project Management for Engineering, Business and Technology is a highly regarded textbook that addresses project management across all industries. First covering the essential background, from origins and philosophy to methodology, the bulk of the book is dedicated to concepts and techniques for practical application. Coverage includes project initiation and proposals, scope and task definition, scheduling, budgeting, risk analysis, control, project selection and portfolio management, program management, project organization, and all-important "people" aspects—project leadership, team building, conflict resolution, and stress management. The systems development cycle is used as a framework to discuss project management in a variety of situations, making this the go-to book for managing virtually any kind of project, program, or task force.

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The authors focus on the ultimate purpose of project management—to unify and integrate the interests, resources and work efforts of many stakeholders, as well as the planning, scheduling, and budgeting needed to accomplish overall project goals. This sixth edition features: updates throughout to cover the latest developments in project management methodologies; a new chapter on project procurement management and contracts; an expansion of case study coverage throughout, including those on the topic of sustainability and climate change, as well as cases and examples from across the globe, including India, Africa, Asia, and Australia; and extensive instructor support materials, including an instructor’s manual, PowerPoint slides, answers to chapter review questions and a test bank of questions. Taking a technical yet accessible approach, this book is an ideal resource and reference for all advanced undergraduate and graduate students in project management courses, as well as for practicing project managers across all industry sectors.

Drawing on best practices identified at the Software Quality Institute and embodied in bodies of knowledge from the Project Management Institute, the American Society of Quality, IEEE, and the Software Engineering Institute, Quality Software Project Management teaches 34 critical skills that allow any manager to minimize costs, risks, and time-to-market. Written by leading practitioners Robert T. Futrell, Donald F. Shafer, and Linda I. Shafer, it addresses the entire project lifecycle, covering process, project, and people. It contains extensive practical resources-including downloadable

checklists, templates, and forms.

An effective systems development and design process is far easier to explain than it is to implement. A framework is needed that organizes the life cycle activities that form the process. This framework is Configuration Management (CM). Software Configuration Management discusses the framework from a standards viewpoint, using the original

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