Enterprise Architect Guide

This effective study guide offers comprehensive coverage of topics comprising the enterprise architecture body of knowledge. The book provides detailed coverage and lays out actionable methodologies and best practices to create and maintain successful EA models, artifacts and building blocks. It helps prepare readers to take any of the various EA certification exams and academic courses in enterprise architecture. This highly effective self-study guide offers comprehensive coverage of all topics in the enterprise architecture body of knowledge. Written by a team of experienced academics, practitioners, and professionals, the book takes a holistic look at the practice of enterprise architecture. You will get actionable methodologies and best practices and learn how to develop, deploy, and maintain successful enterprise architecture models, artifacts, and building blocks. Designed to help you prepare for certification, the Certified Enterprise Architect All-in-One Exam Guide also serves as an essential on-the-job reference. Coverage includes:•Enterprise architecture foundation concepts•Planning the enterprise architecture•Enterprise architecture development, governance, and maintenance•Defense frameworks•Viewpoints and views•The Zachman Framework•The Open Group Architecture Framework (TOGAF)•The Common Approach to Federal Enterprise Architecture•FEAF2•Comparison of frameworks•Case Study integrated throughout the text•And much more

Modeling Enterprise Architecture with TOGAF explains everything you need to know to effectively model enterprise architecture with The Open Group Architecture Framework (TOGAF), the leading EA standard. This solution-focused reference presents key techniques and illustrative examples to help you model enterprise architecture. This book describes the TOGAF standard and its structure, from the architecture transformation method to governance, and presents enterprise architecture modeling practices with plenty of examples of TOGAF deliverables in the context of a case study. Although widespread and growing quickly, enterprise architecture is delicate to manage across all its dimensions. Focusing on the architecture transformation method, TOGAF provides a wide framework, which covers the repository, governance, and a set of recognized best practices. The examples featured in this book were realized using the open source Modelio tool, which includes extensions for TOGAF. Includes intuitive summaries of the complex TOGAF standard to let you effectively model enterprise architecture Uses practical examples to illustrate ways to adapt TOGAF to the needs of your enterprise Provides model examples with Modelio, a free modeling tool, letting you exercise TOGAF modeling immediately using a dedicated tool Combines existing modeling standards with TOGAF

3 of the 2666 sweeping interview questions in this book, revealed: Extracurricular question: What's next on your Enterprise Architect bucket list and why? - Introducing Change question: Have you ever had to introduce a Enterprise Architect policy change to your work group? How did you do it? - Business Systems Thinking question: Are you aware, in general Enterprise Architect terms, of the functions and responsibilities of marketing research firms? Land your next Enterprise Architect role with ease and use the 2666 REAL Interview Questions in this time-tested book to demystify the entire job-search process. If you only want to use one long-trusted guidance, this is it. Assess and test yourself, then tackle and ace the interview and Enterprise Architect role with 2666 REAL interview questions; covering 70 interview topics including Personal Effectiveness, Performance Management, Variety, Like-ability, Interpersonal Skills, Problem Solving, Project Management, Believability, Setting Priorities, and Strategic Planning...PLUS 60 MORE TOPICS... Pick up this book today to rock the interview and get your dream Enterprise Architect Job.

What could be suitable solutions to help employers and employees in that sector? Why do you need a cloud architect? Are improvements in performance of mission, goals, and objectives addressed? Is a given design consistent with the desired approach or strategy? How to develop Enterprise Architecture? Defining, designing, creating, and implementing a process to solve a challenge or meet an objective is the most valuable role... In EVERY group, company, organization and department. Unless you are talking a one-time, single-use project, there should be a process. Whether that process is managed and implemented by humans, AI, or a combination of the two, it needs to be designed by someone with a complex enough perspective to ask the right questions. Someone capable of asking the right questions and step back and say, 'What are we really trying to accomplish here? And is there a different way to look at it?' This Self-Assessment empowers people to do just that - whether their title is entrepreneur, manager, consultant, (Vice-)President, CxO etc... - they are the people who rule the future. They are the person who asks the right questions to make Sparx Systems Enterprise Architect investments work better. This Sparx Systems Enterprise Architect All-Inclusive Self-Assessment enables You to be that person. All the tools you need to an in-depth Sparx Systems Enterprise Architect Self-Assessment. Featuring 2191 new and updated case-based questions, organized into seven core areas of process design, this Self-Assessment will help you identify areas in which Sparx Systems Enterprise Architect improvements can be made. In using the questions you will be better able to: - diagnose Sparx Systems Enterprise Architect projects, initiatives, organizations, businesses and processes using accepted diagnostic standards and practices - implement evidence-based best practice strategies aligned with overall goals - integrate recent advances in Sparx Systems Enterprise Architect and process design strategies into practice according to best practice guidelines Using a Self-Assessment tool known as the Sparx Systems Enterprise Architect Scorecard, you will develop a clear picture of which Sparx Systems Enterprise Architect areas need attention. Your purchase includes access details to the Sparx Systems Enterprise Architect self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows your organization exactly what to do next. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific Sparx Systems Enterprise Architect Checklists - Project

management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

The best fully integrated study system available Filled with practice questions, examples, and illustrations, FEAC Certified Enterprise Architect CEA Study Guide covers what you need to know—and shows you how to prepare—for this challenging exam. 100% complete coverage of all official objectives for the FEAC CEA exam Modeling techniques for enterprise architecture implementations Enterprise architecture case study: Richard M. Nixon Airport Simulated exam questions that match the format, tone, topics, and difficulty of the real exam Covers all the exam topics, including: Enterprise Architecute Concepts * Planning, Implementating, and Disseminating the EA * Maintaining, Governing, and Using the EA * All Viewpoint * Strategic/Capability Viewpoint * Porject Viewpoint * Operational Viewpoint * Systems Viewpoint * Services Viewpoint * Data and Information Viewpoint * Technology and Standards Viewpoint * EA in Government, Defense, and the Commercial Sector * EA Tools and Repositories CD-ROM includes: CEA-oriented practicums Practice exams for the FEAC FEAF and DoDAF programs and a list of study questions Major documentation for the FEAF and DoDAF programs E-book for studying on the go Prakash Rao, MS, CEA, is chief architect at Metadata Management Corporation. He teaches Enterprise Architecture at the FEAC Institute. Ann Reedy, Ph.D., worked on the development and editing of the early version of the DoD Architecture Framework at MITRE and teaches DoD Architecture Framework for the FEAC Institute. Beryl Bellman, Ph.D., is co-founder and academic director of the FEAC Institute and a tenured full professor of Communication Studies at California State University at Los Angeles. He has more than 25 years' consulting experience in the EA field.

The TOGAF 9 certification program is a knowledge-based certification program. It has two levels, leading to certification for TOGAF 9 Foundation and TOGAF 9 Certified, respectively. The purpose of certification to TOGAF 9 Certified is to provide validation that, in addition to the knowledge and comprehension of TOGAF 9 Foundation level, the Candidate is able to analyze and apply this knowledge. The learning objectives at this level therefore focus on application and analysis in addition to knowledge and comprehension. This Study Guide supports students in preparation for the TOGAF 9 Part 2 Examination, leading to TOGAF 9 Certified.

& Includes a detailed case study - with complete source code - of building Web Services with Java AND .Net. & & Covers key emerging standards in transactioning, conversations, workflow, security and authentication, mobile and wireless, QoS, portlets, and management. & & Presents best practices based on authors' experiences building real world Web Services-based applications.

Innovate at scale through well-architected API-led products that drive personalized, predictive, and adaptive customer experiences Key Features Strategize your IT investments by modeling enterprise solutions with an API-centric approach Build robust and reliable API platforms to boost business agility and omnichannel delivery Create digital value chains through the productization of your APIs Book Description API-centric architectures are foundational to delivering omnichannel experiences for an enterprise. With this book, developers will learn techniques to design loosely coupled, cloud-based, business-tier interfaces that can be consumed by a variety of client applications. Using real-world examples and case studies, the book helps you get to grips with the cloudbased design and implementation of reliable and resilient API-centric solutions. Starting with the evolution of enterprise applications, you'll learn how API-based integration architectures drive digital transformation. You'll then learn about the important principles and practices that apply to cloud-based API architectures and advance to exploring the different architecture styles and their implementation in Azure. This book is written from a practitioner's point of view, so you'll discover ideas and practices that have worked successfully in various customer scenarios. By the end of this book, you'll be able to architect, design, deploy, and monetize your API solutions in the Azure cloud while implementing best practices and industry standards. What you will learn Explore the benefits of API-led architecture in an enterprise Build highly reliable and resilient, cloud-based, API-centric solutions Plan technical initiatives based on Well-Architected Framework principles Get to grips with the productization and management of your API assets for value creation Design high-scale enterprise integration platforms on the Azure cloud Study the important principles and practices that apply to cloud-based API architectures Who this book is for This book is for solution architects, developers, engineers, DevOps professionals, and IT decision-makers who are responsible for designing and developing large distributed systems. Familiarity with enterprise solution architectures and cloud-based design will help you to comprehend the concepts covered in the book easily.

As the digital economy changes the rules of the game for enterprises, the role of software and IT architects is also transforming. Rather than focus on technical decisions alone, architects and senior technologists need to combine organizational and technical knowledge to effect change in their company's structure and processes. To accomplish that, they need to connect the IT engine room to the penthouse, where the business strategy is defined. In this guide, author Gregor Hohpe shares real-world advice and hard-learned lessons from actual IT transformations. His anecdotes help architects, senior developers, and other IT professionals prepare for a more complex but rewarding role in the enterprise. This book is ideal for: Software architects and senior developers looking to shape the company's technology direction or assist in an organizational transformation Enterprise architects and senior technologists searching for practical advice on how to navigate technical and organizational topics CTOs and senior technical architects who are devising an IT strategy that impacts the way the organization works IT managers who want to learn what's worked and what hasn't in large-scale transformation

A Complete Study System for OCM Exams 1Z0-807, 1Z0-865, and 1Z0-866 Prepare for the Oracle Certified Master Java EE 6 Enterprise Architect exams with this exclusive Oracle Press guide. The multiple-choice exam, the assignment, and the essay exam are covered. Chapters feature challenging exercises, a certification summary, a two-minute drill, and a self-test to reinforce the topics presented. This authoritative resource helps you pass these exams and also serves as an essential, on-the-job reference. Get complete coverage of all exam objectives,

including: Application design concepts and principles Common architectures Integration and messaging Business-tier technologies Web-tier technologies Design patterns Security Electronic content includes: 120 multiple-choice practice exam questions Test engine that provides practice exams and customized quizzes by chapter

There's a lot of information about big data technologies, but splicing these technologies into an end-to-end enterprise data platform is a daunting task not widely covered. With this practical book, you'll learn how to build big data infrastructure both on-premises and in the cloud and successfully architect a modern data platform. Ideal for enterprise architects, IT managers, application architects, and data engineers, this book shows you how to overcome the many challenges that emerge during Hadoop projects. You'll explore the vast landscape of tools available in the Hadoop and big data realm in a thorough technical primer before diving into: Infrastructure: Look at all component layers in a modern data platform, from the server to the data center, to establish a solid foundation for data in your enterprise Platform: Understand aspects of deployment, operation, security, high availability, and disaster recovery, along with everything you need to know to integrate your platform with the rest of your enterprise IT Taking Hadoop to the cloud: Learn the important architectural aspects of running a big data platform in the cloud while maintaining enterprise security and high availability

This textbook provides a hands-on introduction to enterprise architecture management. It guides the reader through the applications of methods and tools to typical business problems by presenting enterprise architecture frameworks and by sharing experiences from industry. The structure of the book represents the typical stages of the journey of an enterprise architect. Chapter 1 addresses the central question of what to achieve with the introduction of an enterprise architecture. Chapter 2 then introduces concepts and visualizations for business architecture that help with understanding the business. In chapter 3 the development of an application architecture is outlined, which provides transparency on information systems and their business context. Next, chapter 4 presents visual tools to analyze, improve and eventually optimize the application landscape. Chapter 5 discusses both traditional organizational as well as collaborative approaches to enterprise architecture management. Eventually, several established enterprise architecture frameworks like TOGAF, Zachmann, ArchiMate, and IAF are described in chapter 6. The book concludes with a summary and an outlook on future research potential in chapter 7. Based on their experiences through several years of teaching, the authors introduce students step-by-step to enterprise architecture development and management. Their book is intended as a guide for master classes at universities and includes lots of exercises and references for further reading.

A concise study guide for the new version (2008) of the Sun Certified Enterprise Architect J2EE exam, written by the exam authors.

"The only official study guide to CEA--the #1 vendor-neutral enterprise architecture certification Written and authorized by the FEAC Institute, FEAC Certified Enterprise Architect CEA Study Guide offers complete coverage of all the material on the Certified Enterprise Architect exam. This book features hands-on projects using all major frameworks and methodologies and also serves as a highly practical resource for today's enterprise architect responsible for commissioning, overseeing, and performing architecture work in the federal, defense, and commercial sectors. FEAC Certified Enterprise Architect CEA Study Guide covers all objectives on the Certified Enterprise Architecture exam Includes CD-ROM with CEA-oriented Practicums and an e-book Helps you master the topics and skills required to pass the challenging CEA exam Serves as a comprehensive reference on all components of an enterprise architecture Covers the proprietary Department of Defense (DoD) Architecture Framework 2.0 Contains realistic models that can be applied immediately by a practitioner regardless of the type of organization (government, civilian, commercial, etc.) Demystifies U.S. federal documentation to provide actionable methodologies and best practices to create and maintain successful EAs In-depth coverage: EA Basic Concepts; Enterprise Architecting; Planning the EA; Implementing the EA; Disseminating the EA; Maintaining the EA; Governing the EA; Using the EA; EA Modeling; EA in Government (FEA and FSAM); EA in Defense (DoDAF and Variants); EA in the Commercial Sector; EA Tools and Repositories; Case Study: Civilian Airport"--

This book provides practical advice on how to develop an enterprise architecture practice. The authors developed different tools and models to support organizations in implementing and professionalizing an enterprise architecture function. Coverage applies these tools and models to a number of different organizations and, as a result, will help readers avoid potential pitfalls and achieve success with enterprise architecture.

Helps readers understand the goals of system architecture, design patterns, identify the appropriate J2EE technologies and APIs, maximize security and scalability, and evaluate existing architectures.

How will you insure seamless interoperability of chief enterprise architect moving forward? Have all basic functions of chief enterprise architect been defined? Are indirect costs charged to the chief enterprise architect program? What management system can you use to leverage the chief enterprise architect experience, ideas, and concerns of the people closest to the work to be done? How do you manage changes in chief enterprise architect requirements? Defining, designing, creating, and implementing a process to solve a challenge or meet an objective is the most valuable role... In EVERY group, company, organization and department. Unless you are talking a one-time, single-use project, there should be a process. Whether that process is managed and implemented by humans, AI, or a combination of the two, it needs to be designed by someone with a complex enough perspective to ask the right questions. Someone capable of asking the right questions and step back and say, 'What are we really trying to accomplish here? And is there a different way to look at it?' This Self-Assessment empowers people to do just that - whether their title is entrepreneur, manager, consultant, (Vice-)President, CxO etc... - they are the people who rule the future. They are the person who asks the right questions to make Chief Enterprise Architect investments work better. This Chief Enterprise Architect All-Inclusive Self-Assessment enables You to be that person. All the tools you need to an in-depth Chief Enterprise Architect Self-Assessment. Featuring 912 new and updated case-based questions, organized into seven core areas of process design, this Self-Assessment will help you identify areas in which Chief Enterprise Architect improvements can be made. In using the questions you will be better able to: - diagnose Chief Enterprise Architect projects, initiatives, organizations, businesses and processes using accepted diagnostic standards and practices - implement evidence-based best practice strategies aligned with overall goals - integrate recent advances in Chief Enterprise Architect and process design strategies into practice according to best practice guidelines Using a Self-Assessment tool known as the Chief Enterprise Architect Scorecard, you will develop a clear picture of which Chief Enterprise Architect areas need attention. Your purchase includes access details to the Chief Enterprise Architect self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows your organization exactly what to do next. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific Chief Enterprise Architect Checklists - Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you

to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

An up-to-date and comprehensive overview of information and database systems design and implementation. The book provides an accessible presentation and explanation of technical architecture for systems complying with TOGAF standards, the accepted international framework. Covering nearly the full spectrum of architectural concern, the authors also illustrate and concretize the notion of traceability from business goals, strategy through to technical architecture, providing the reader with a holistic and commanding view. The work has two mutually supportive foci. First, information technology technical architecture, the in-depth, illustrative and contemporary treatment of which comprises the core and majority of the book; and secondly, a strategic and business context.

The Best Fully Integrated Study System Available With hundreds of practice questions and hands-on exercises, Sun Certified Enterprise Architect for Java EE Study Guide covers what you need to know--and shows you how to prepare--for this challenging exam. 100% complete coverage of all official objectives for exam 310-051 Inside the Exam sections in every chapter highlight key exam topics covered Simulated exam questions match the format, tone, topics, and difficulty of the real exam Covers all the exam topics, including: Basic Principles of Enterprise Architectures * Object-Oriented Design Using UML * Applicability of JEE Technology * Design Patterns * Legacy Connectivity * EJB and Container Models * Messaging * Internationalization and Localization * Security CD-ROM includes: Complete MasterExam practice testing engine, featuring: One full practice exam: Detailed answers with explanations: Score Report performance assessment tool Electronic book for studying on the go With free online registration: Bonus downloadable MasterExam practice test

"A comprehensive guide having 300 questions on all objectives of the multiple choice exam, along with a chapter on assignment and essay exam -- Cover.

"Enterprise Architecture - the Eight Fundamental Factors" is an invaluable guide providing practical advice, examples and case studies that show how successful enterprise architects make a real difference. The fundamental factors described here are true for all enterprise architecture (EA) approaches. You will find them in The Open Group Architecture Framework (TOGAF), the Zachman Framework, and in every other EA methodology or framework. The book provides a combined, integrated EA approach. It shows exactly how these factors are used in practice, and it demonstrates this with details drawn from a wide-range of typical EA initiatives. The first edition was published in 2003 under the title "Information First."

A Practical Book and eBook Guide for developers and architects using the EJB Standard.

Selecting the right architecture enables organizations to deliver a successful business solution that can boost customer engagement and growth. With this comprehensive guide, you'll learn architectural best practices and methodologies for implementing an enterprise-grade solution tailored for your business needs using Microsoft Power Platform

Since the early 1990s, it has become convenient and customary to divide enterprise architecture into four architectural domains: business, applications, data and technology. However, a mere combination of these four domains does not form a coherent enterprise architecture. "Dividing an elephant in half does not produce two small elephants," Peter Senge's tenth law of systems thinking explains why enterprise architects keep losing credibility in the eyes of business partners. Alpha Architecture brings synthesis to the field negatively affected by excessive analysis. It constructs an essential unifying image of the enterprise that can seamlessly integrate current and future technologies. Readers will come away from this book with some practical ideas that will help them design an elegant enterprise. They will learn how to synthesize a multi-level enterprise structure using seven foundational principles of Alpha Architecture; how to organize the top (organization) and the next (unit) levels of the enterprise; how to apply seven principles of unit design and align seven unit-design areas to establish coherent product and service delivery logic; how to optimize information flow and reduce the need for unit communication, coordination, and control using three indirect integration mechanisms; and how to implement an enterprise transformation process. Intelligent and optimistic, Enterprise Architecture Reimagined offers the discipline new methodologies and a fresh viewpoint on the complex sociotechnical interactions present in a well-designed, cohesive enterprise. The results are transformative.

Study guide to get CHEA certified

Where does business architecture fit? How do you plan and architect an enterprise infrastructure move from On-Prem to cloud? Who will facilitate the team and process? How important is Information Technology to enable growth and achievement of your organizations strategic objectives? Are the measures addressing the right things? Defining, designing, creating, and implementing a process to solve a challenge or meet an objective is the most valuable role... In EVERY group, company, organization and department. Unless you are talking a one-time, single-use project, there should be a process. Whether that process is managed and implemented by humans, AI, or a combination of the two, it needs to be designed by someone with a complex enough perspective to ask the right questions. Someone capable of asking the right questions and step back and say, 'What are we really trying to accomplish here? And is there a different way to look at it?' This Self-Assessment empowers people to do just that - whether their title is entrepreneur, manager, consultant, (Vice-)President, CxO etc... - they are the people who rule the future. They are the person who asks the right questions to make Enterprise Architect Planning investments work better. This Enterprise Architect Planning All-Inclusive Self-Assessment enables You to be that person. All the tools you need to an in-depth Enterprise Architect Planning Self-Assessment. Featuring 2214 new and updated case-based questions, organized into seven core areas of process design, this Self-Assessment will help you identify areas in which Enterprise Architect Planning improvements can be made. In using the questions you will be better able to: - diagnose Enterprise Architect Planning projects, initiatives, organizations, businesses and processes using accepted diagnostic standards and practices - implement evidence-based best practice strategies aligned with overall goals - integrate recent advances in Enterprise Architect Planning and process design strategies into practice according to best practice guidelines Using a Self-Assessment tool known as the Enterprise Architect Planning Scorecard, you will develop a clear picture of which Enterprise Architect Planning areas need attention. Your purchase includes access details to the Enterprise Architect Planning self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows your organization exactly what to do next. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific Enterprise Architect Planning Checklists - Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

Enterprise architecture is leading IT's way to the executive boardroom, as CIOs are now taking their place at the management table. Organizations investing their time, money, and talent in enterprise architecture (EA) have realized significant process improvement and competitive advantage. However, as these organizations discovered, it is one thing to acquire a game-changing technology but quite another to discover ways to use it well. A project of the Society for Information Management's Enterprise Architecture Working Group and edited by Leon A. Kappelman, The SIM Guide to Enterprise Architecture provides insights from leading authorities on EA, including John Zachman, Larry DeBoever, George Paras, Jeanne Ross, and Randy Hite. The book supplies a solid understanding of key concepts for effectively leveraging EA to redesign business processes, integrate services, and become an Information Age enterprise. Beginning with a look at current theory and frameworks, the book

discusses the practical application of enterprise architecture and includes a wealth of best practices, resources, and references. It contains the SIM survey of IT organizations' EA activities, which provides important metrics for evaluating progress and success. Successful businesses exploit synergy among business functions and push the boundaries of process design. IT's cross-functional position uniquely qualifies it to lead process innovation. EA lets CIOs integrate technology with business vision and is the roadmap for implementing new systems, changing behavior, and driving value. This book explores the vision, foundation, and enabling technology required to successfully transform organizations with enterprise architecture.

bull; Written by expert practitioners who have hands-on experience solving real-world problems for large corporations bull; Helps enterprise architects make sense of data, systems, software, services, product lines, methodologies, and much more bull; Provides explanation of theory and implementation with real-world business examples to support key points

Definitive, Comprehensive SCEA Exam Prep–Straight from Sun's Exam Developers! This book delivers complete, focused review for Sun's new Sun Certified Enterprise Architect (SCEA) for Java EE certification exam—straight from two of the exam's creators! SCEA lead developer/assessor Mark Cade and SCEA lead developer/assessor Humphrey Sheil offer powerful insights, real-world architectural case studies, and challenging sample questions that systematically prepare you for the actual exam. For every question, the authors show why the right answers are right—and why the other answers are wrong. Cade and Sheil cover every SCEA exam topic, skill, and technique, including: Understanding system architecture and its goals Decomposing larger systems into components organized by tiers or layers Addressing requirements for scalability, maintainability, reliability, availability, extensibility, performance, and security Building effective web (presentation) tiers, and analyzing tradeoffs associated with using web frameworks Leveraging EJB 3's enhancements for business tier development Covering new enhancements in the JEE 5 platform Choosing and architecting the best integration and messaging components for your system Using the Java security model to enforce confidentiality, integrity, authorization, authentication, and non-repudiation Using the most powerful and useful Java EE architecture patterns Documenting Java EE architectures through visual models and narratives The authors also present detailed guidance for handling every element of the SCEA exam—including your development and defense of a complete real-world architectural solution.

Is the scope of Enterprise Architect defined? Are there any easy-to-implement alternatives to Enterprise Architect? Sometimes other solutions are available that do not require the cost implications of a full-blown project? Does the Enterprise Architect performance meet the customer's requirements? How will we insure seamless interoperability of Enterprise Architect moving forward? Which individuals, teams or departments will be involved in Enterprise Architect? This premium Enterprise Architect self-assessment will make you the established Enterprise Architect domain adviser by revealing just what you need to know to be fluent and ready for any Enterprise Architect challenge. How do I reduce the effort in the Enterprise Architect work to be done to get problems solved? How can I ensure that plans of action include every Enterprise Architect task and that every Enterprise Architect outcome is in place? How will I save time investigating strategic and tactical options and ensuring Enterprise Architect opportunity costs are low? How can I deliver tailored Enterprise Architect advice instantly with structured going-forward plans? There's no better guide through these mind-expanding questions than acclaimed best-selling author Gerard Blokdyk. Blokdyk ensures all Enterprise Architect essentials are covered, from every angle: the Enterprise Architect self-assessment shows succinctly and clearly that what needs to be clarified to organize the business/project activities and processes so that Enterprise Architect outcomes are achieved. Contains extensive criteria grounded in past and current successful projects and activities by experienced Enterprise Architect practitioners. Their mastery, combined with the uncommon elegance of the self-assessment, provides its superior value to you in knowing how to ensure the outcome of any efforts in Enterprise Architect are maximized with professional results. Your purchase includes access details to the Enterprise Architect self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows your organization exactly what to do next. Your exclusive instant access details can be found in your book.

Organizations today exist in an environment of unprecedented change. They do so against a backdrop of a global, competitive marketplace, the fast-paced enablement of technology, amplified regulation and accelerating organizational complexity. Many organizations are addressing change in a sub-optimal way and they are operating without a clear view of where their operational risks lie. It is these dynamics that are leading organizations to recognise and embrace Business Architecture. Despite this environment, Business Architecture can be a difficult 'sell' - it is often perceived to be abstract and lacking in tangible delivery. To succeed, Business Architecture must be pragmatic and, to be sustainable, it must focus on achieving long-term value and, at the same time, recognise the shorter-term tactical needs of the organisation. With these challenges in mind, this book provides a practical guide on how to employ Business Architecture and how to build a balanced proposition that delivers value to a broad range of stakeholders. As the book states, Business Architecture should not be practised in isolation, nor should it be thought of as a one-off process; it needs to be woven into the fabric of the organization. And so the authors illustrate the opportunities for weaving the Business Architecture Practice into this fabric through the various stakeholders and life cycles that exist, both formally and informally, within an organization. Whilst recognizing best practice, this book explores a new, inspirational level of Business Architecture whilst acknowledging that the best way to realize the vision is one step at a time.

More than 300,000 developers have benefited from past editions of UML Distilled . This third edition is the best resource for quick, no-nonsense insights into understanding and using UML 2.0 and prior versions of the UML. Some readers will want to quickly get up to speed with the UML 2.0 and learn the essentials of the UML. Others will use this book as a handy, quick reference to the most common parts of the UML. The author delivers on both of these promises in a short, concise, and focused presentation. This book describes all the major UML diagram types, what they're used for, and the basic notation involved in creating and deciphering them. These diagrams include class, sequence, object, package, deployment, use case, state machine, activity, communication, composite structure, component, interaction overview, and timing diagrams. The examples are clear and the explanations cut to the fundamental design logic. Includes a quick reference to the most useful parts of the UML notation and a useful summary of diagram types that were added to the UML 2.0. If you are like most developers, you don't have time to keep up with all the new innovations in software engineering. This new edition of Fowler's classic work gets you acquainted with some of the best thinking about efficient object-oriented software design using the UML--in a convenient format that will be essential to anyone who designs software professionally.

Is the system telecommunications infrastructure functioning as anticipated? Are you starting to get a sense of why Enterprise Architectures can be so expensive? Can improvements in mission or operations Are efficiency be defined by the measures? Can architectures help contractors remove ambiguity of requirements, including adherence to standards? What new or enhanced processes are required? Defining, designing, creating, and implementing a process to solve a challenge or meet an objective is the most valuable role... In EVERY group, company, organization and department. Unless you are talking a one-time, single-use project, there should be a process. Whether that process is managed and implemented by humans, AI, or a combination of the two, it needs to be designed by someone with a complex enough perspective to ask the right questions. Someone capable of asking the right questions and step back and say, 'What are we really trying to accomplish here? And is there a different way to look at it?' This Self-Assessment empowers people to do just that - whether their title is entrepreneur, manager, consultant, (Vice-)President, CxO etc... - they are the people who rule the future. They are the person who asks the right questions to make Enterprise Architect investments work better. This Enterprise Architect All-Inclusive Self-Assessment enables You to be that person. All the tools you need to an in-depth Enterprise Architect Self-Assessment. Featuring 2216 new and updated case-based questions, organized into seven core areas of process design, this Self-Assessment will help you identify areas in

which Enterprise Architect improvements can be made. In using the questions you will be better able to: - diagnose Enterprise Architect projects, initiatives, organizations, businesses and processes using accepted diagnostic standards and practices - implement evidence-based best practice strategies aligned with overall goals - integrate recent advances in Enterprise Architect and process design strategies into practice according to best practice guidelines Using a Self-Assessment tool known as the Enterprise Architect Scorecard, you will develop a clear picture of which Enterprise Architect areas need attention. Your purchase includes access details to the Enterprise Architect self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows your organization exactly what to do next. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific Enterprise Architect Checklists - Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

Ever-changing business needs have prompted large companies to rethink their enterprise IT. Today, businesses must allow interaction with their customers, partners, and employees at more touch points and at a depth never thought previously. At the same time, rapid advances in information technologies, like business digitization, cloud computing, and Web 2.0, demand fundamental changes in the enterprises' management practices. These changes have a drastic effect not only on IT and business, but also on policies, processes, and people. Many companies therefore embark on enterprise-wide transformation initiatives. The role of Enterprise Architecture (EA) is to architect and supervise this transformational journey. Unfortunately, today's EA is often a ponderous and detached exercise, with most of the EA initiatives failing to create visible impact. The enterprises need an EA that is agile and responsive to business dynamics. Collaborative Enterprise Architecture provides the innovative solutions today's enterprises require, informed by real-world experiences and experts' insights. This book, in its first part, provides a systematic compendium of the current best practices in EA, analyzes current ways of doing EA, and identifies its constraints and shortcomings. In the second part, it leaves the beaten tracks of EA by introducing Lean, Agile, and Enterprise 2.0 concepts to the traditional EA methods. This blended approach to EA focuses on practical aspects, with recommendations derived from real-world experiences. A truly thought provoking and pragmatic guide to manage EA, Collaborative Enterprise Architecture effectively merges the long-term oriented top-down approach with pragmatic bottom-up thinking, and that way offers real solutions to businesses undergoing enterprise-wide change. Covers the latest emerging technologies affecting business practice, including digitization, cloud computing, agile software development, and Web 2.0 Focuses on the practical implementation of EAM rather than theory, with recommendations based on real-world case studies Addresses changing business demands and practices, including Enterprise 2.0, open source, global sourcing, and more Takes an innovative approach to EAM, merging standard top-down and pragmatic, bottom-up strategies, offering real solutions to businesses undergoing enterprise-wide changes

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