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Sun Certified Enterprise Architect for Java EE Study Guide, Second Edition The People Problem Sun Certified Enterprise Architect for Java EE Study Guide (Exam 310-051) SCEA Sun Certified Enterprise Architect for Java EE Study Guide (Exam 310-051) FEAC Certified Enterprise Architect CEA Study Guide Fundamentals of Enterprise Architecture Management FEAC Certified Enterprise Architect CEA Study Guide

Practical Model-Driven Enterprise Architecture 2022-05-13 bridge the gap between theory and reality by implementing real world examples using the sparx ea tool and archimate 3.1 specification to develop sophisticated enterprise architecture models serving every unit in your organization key features discover the various artifacts that enterprise architects need to develop for stakeholders to make sound decisions build a functional enterprise architecture repository that is rich in information references and metamodels learn how to use sparx enterprise architect from scratch book description most organizations face challenges in defining and achieving evolved enterprise architecture practices which can be a very lengthy process even if implemented correctly developers for example can build better solutions only if they receive the necessary design information from architects and decision makers can make appropriate changes within the organization only if they know the implications of doing so the book starts by addressing the problems faced by enterprise architecture practitioners and provides solutions based on an agile approach to enterprise architecture using archimate 3.1 as an industry standard and sparx ea as the modeling tool you ll learn with the help of a fictional organization that has three business units each expecting something different from you as the enterprise architect you ll build the practice satisfy the different requirements of each business unit and share the knowledge with others so they can follow your steps toward the end you ll learn how to put the diagrams and the content that you have developed into documents presentations and web pages that can be published and shared with any stakeholder by the end of this book you ll be able to build a functional enterprise architecture practice that supports every part of your organization you ll also have developed the necessary skills to populate your enterprise

architecture repository with references and artifacts what you will learn discover how enterprise architects can contribute to projects and departments within organizations use sparx enterprise architect to build a rich architecture repository learn about the archimate 3.1 specification as you apply it in real world projects use the focused metamodel technique to build the information necessary for maintaining your repository's consistency and accuracy understand the importance of keeping architectural artifacts simple yet eye catching define an operational model that fits your initial needs and expands as required who this book is for this book is for enterprise architects at all architectural layers and practices of any maturity level many of the artifacts suggested in this book are inspired by the open group architecture framework toGAF however familiarity with toGAF is not required whether you work within the business applications data or technology layers this book covers examples that apply to your work although not mandatory experience modeling in sparx systems enterprise architect using any modeling language will be helpful no prior knowledge of archimate is required to get started with this book

**Hajimete no Enterprise Architect** 2005-11-01

enterprise architect enterprise architect request

*A Practical Guide to Enterprise Architecture* 2004 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

**Enterprise Service Oriented Architectures** 2006-07-10 conventional wisdom of the software stack approach to building applications may no longer be relevant enterprises are pursuing new ways of organizing systems and processes to become service oriented and event driven leveraging existing infrastructural investments is a critical aspect to the success of companies both large and small enterprises have to adapt their systems to support frequent technological changes mergers and acquisitions furthermore in a growing global market these systems are being called upon to be used by external business partners technology is often difficult costly and complex and without modern approaches can prevent the enterprise from becoming agile enterprise service oriented architectures helps readers solve this challenge in making different applications communicate in a loosely coupled manner this classic handbook leverages the experiences of thought leaders functioning in multiple industry verticals and provides a wealth of knowledge for creating the agile enterprise in this book you will learn how to balance the delivery of immediate business value while creating long term strategic capability fundamental principles of a service oriented architecture find bind and execute the four aspects of soa production consumption management and provisioning how to recognize critical success factors to implementing enterprise soas architectural importance of service registries interfaces and contracts why improper service decomposition can hurt you later rather than sooner how application design and integration practices change as architects seek to implement the agile enterprise about the authors james mcgovern is an enterprise architect for the hartford he is an industry thought leader and co author of the bestselling book a practical guide to enterprise architecture oliver sims is a recognized leader in the architecture design and implementation of service

oriented and component based enterprise systems he was a founding member of the omg architecture board he was co author of the groundbreaking book business component factory ashish jain is a principal architect with ping identity corporation a leading provider of solutions for identity federation prior to joining ping identity he worked with bea systems where his role was to assist bea customers in designing and implementing their e business strategies using solutions based on j2ee he holds several industry certifications from sun and bea and is also a board member for the denver bea user group mark little is director of standards and soa manager for jboss inc prior to this he was chief architect for arjuna technologies ltd and a distinguished engineer at hewlett packard as well as being an active member of the omg jcp oasis and w3c he is an author on many soa and services standards he also led the development of the world s first standards compliant services transaction product

*Enterprise Architecture Made Simple* 2013-10-01 learn how to institute and implement enterprise architecture in your organization you can make a quick start and establish a baseline for your enterprise architecture within ten weeks then grow and stabilize the architecture over time using the proven ready set go approach reading this book will 1 give you directions on how to institute and implement enterprise architecture in your organization you will be able to build close relationships with stakeholders and delivery teams but you will not need to micromanage the architecture s operations 2 increase your awareness that enterprise architecture is about business not information technology 3 enable you to initiate and facilitate dramatic business development the architecture of an enterprise must be tolerant of currently unknown business initiatives 4 show you how to get a holistic view of the process of implementing enterprise

architecture 5 make you aware that information is a key business asset and that information architecture is a key part of the enterprise architecture 6 allow you to learn from our experiences this book is based on our 30 years of work in the enterprise architecture field colleagues in europe customer cases and students we do not pretend to cover all you need to know about enterprise architecture within these pages rather we give you the information that is most important for effective and successful guidance sometimes less is more if your company is about to make a major change and you are looking for a way to reduce the changes into manageable pieces and still retain control of how they fit together this is your handbook maybe you are already acting as an enterprise architect and using a formal method but you need practical hints or maybe you are about to set up an enterprise architect network or group of specialists and need input on how to organize your work the ready set go method for introducing enterprise architecture provides you the enterprise architect with an immediate understanding of the basic steps for starting organizing and operating the entirety of your organization s architecture chapter 1 ready shows how to model and analyze your business operations assess their current status construct a future scenario compare it to the current structure analyze what you see and show the result in a city plan chapter 2 set deals with preparing for the implementation of the architecture with governance enterprise architecture organization staffing etc this is the organizing step before beginning the actual work chapter 3 go establishes how to implement a city plan in practice it deals with the practicalities of working as an enterprise architect and is called the running step the common thread through all aspects of the enterprise architect s work is the architect s mastery of a number of tools such as business models process models

information models and matrices we address how to initiate the architecture process within the organization in such a way that the overarching enterprise architecture and architecture driven approach can be applied methodically and gradually improved

### **Sun Certified Enterprise Architect for Java EE Study Guide**

2010-01-29 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

**Building an Enterprise Architecture Practice** 2007-01-15 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

*Enterprise Architecture* 2008-12-03 this book is positioned as a first in a series of books on enterprise architecture needed for a master of enterprise architecture program and is targeted both at university students and practitioners with a drive to increase their understanding of these fields as an introductory book this book aims to explore the concept of enterprise architecture at first glance writing such an introductory book might seem as a straight forward task of setting up a structure and filling in the blanks however writing this book turned out to be a pleasant journey of discovery based on our past experiences each of us had a clear understanding of enterprise architecture based on several years of experience and insight in the field however when we started writing this book and each of us exposed our individual understandings it became apparent that our understanding of the field differed in several ways this prompted several discussions leading to an abundance of new insights without exception these discussions took place in a pleasant and open atmosphere fueled by our shared drive for understanding and increased insight we are now even more convinced than before that the field enterprise architecture is a true multi disciplinary profession in the resulting book we would like to share our insights while also hoping to

continue our discussions now also involving you as a reader we also realise that the journey is still far from complete while this introductory book provides an overview of the field of enterprise architecture from the perspective of our insights many aspects need further refinement

*An Enterprise Architecture Development Framework* 2006 the book attempts to answer a few of the common questions related to enterprise architecture ea and soa what are the issues what is ea why should an organization consider ea how to build the enterprise architecture and document it what are the roadblocks politics governance process and design method how to measure the value delivered by ea and its maturity and how to select an enterprise architect an innovative ea framework the associated metamodel and generic enterprise reference maps templates for the business process applications and infrastructure layers are proposed the framework looks like a content page showing the chapters of a book or in this case the components of the enterprise architecture without actually describing them but showing how they fit into the whole the book then identifies and summarises best practices in the enterprise architecture and soa development ea patterns the integration to the mundane solution architecture delivery checklists the book is intended to be a document summarising why and how to build an enterprise architecture

UML Enterprise Architect 2007-10-05

enterprise architect faces similar problems when designing and governing the enterprise architecture of a medium to large enterprise design patterns are a well established concept in software engineering used to define universally applicable solution schemes by applying this approach to enterprise architectures recurring problems in the

design and implementation of enterprise architectures can be solved over all layers from the business layer to the application and data layer down to the technology layer. Inversini and Perroud describe patterns at the level of enterprise architecture which they refer to as enterprise architecture patterns. These patterns are motivated by recurring problems originating from both the business and the underlying application or from data and technology architectures of an enterprise such as identity and access management or integration needs. The enterprise architecture patterns help in planning the technological and organizational landscape of an enterprise and its information technology and are easily embedded into frameworks such as TOGAF, Zachman or FEAT. This book is aimed at enterprise architects, software architects, project leaders, business consultants and everyone concerned with questions of it and enterprise architecture and provides them with a comprehensive catalogue of ready to use patterns as well as an extensive theoretical framework to define their own new patterns.

*Enterprise Architecture A Professional Practice Guide* 2013-07-19 the first authoritative study guide for Sun's challenging new j2ee architecture certification exams written by the exam's lead developers and assessors. This guide offers start to finish guidance and comprehensive background for architecting j2ee enterprise solutions.

**Enterprise Architecture Patterns** 2002 build enterprise systems right key features, access to real world design and building resources including tools, templates and more real world examples and step by step instructions on what to avoid as you begin your enterprise architecture journey. Proficiency in all stages of the architecture and design deployment process. Description: These days more than ever enterprise architects are the driving forces behind digital

transformation initiatives and the vital link between it and business this book enables the readers to become self sufficient enterprise architects by enabling them to understand the business strategy and design the technology landscape encompassing systems data applications platforms and enterprise tools following that strategy to comprehend the technology landscape topics such as stakeholder matrix heatmaps value stream mapping erds infrastructure and network diagrams are discussed in depth in this book the book also covers numerous approaches for measuring the effectiveness of architecture implementation including balanced scorecards okrs and value drivers design thinking this book instructs readers on how to create data pillars for complex interconnected corporate systems the book teaches you how to implement various architectures including service oriented architecture it describes and illustrates popular tools used by architectural teams and professionals the primary objective of this book is to match business requirements with the technical infrastructure that supports the service delivery team business development team and it integration team this book ensures that the technologies chosen and how they are applied satisfy the business goals of organizations and their customers what you will learn architecture strategy and frameworks like togaf enterprise architecture maturity assessment architecture design and its model development selection of tools for database application design security and enterprise storage cloud computing infrastructure and application deployment proof of concept technology stack analysis and vendor selection architecture audit and compliance data governance who this book is for enterprise architects business managers technology advisors functional consultants and solution architects who play a critical role in implementing the business plan into action through technology

enablement will find a wealth of useful information in this book whether they are just starting their journey or have years of experience under their belts table of contents 1 understanding your organization s current landscape complexities and priorities 2 strategic direction value drivers and expected business outcomes 3 b a i t business processes application information and technology in context 4 mind the gap 5 future needs perfect execution setting stage 6 let s set the course for enterprise architecture 7 strategic themes and architecture enablers 8 getting started with architecture framework and building blocks 9 defining the architecture getting it right 10 solution architecture and roadmap 11 architecture governance 12 architecture tool and reuse aris as sample 13 let s get it done transition and tracking

*Sun Certified Enterprise Architect for J2EE Technology Study Guide* 2022-09-20 lankhorst and his co authors present archimate 3 0 enterprise modelling language that captures the complexity of architectural domains and their relations and allows the construction of integrated enterprise architecture models they provide architects with concrete instruments that improve their architectural practice as this is not enough they additionally present techniques and heuristics for communicating with all relevant stakeholders about these architectures since an architecture model is useful not only for providing insight into the current or future situation but can also be used to evaluate the transition from as is to to be the authors also describe analysis methods for assessing both the qualitative impact of changes to an architecture and the quantitative aspects of architectures such as performance and cost issues the modelling language presented has been proven in practice in many real life case studies and has been adopted by the open group as an international standard so this book is

an ideal companion for enterprise it or business architects in industry as well as for computer or management science students studying the field of enterprise architecture this fourth edition of the book has been completely reworked to be compatible with archimate 3 0 and it includes a new chapter relating this new version to other standards new sections on capability analysis risk analysis and business architecture in general have also been introduced

**Enterprise Architect's Handbook** 2017-03-10 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

**Enterprise Architecture at Work** 2021-09-06 enterprise architecture defines a firm s needs for standardized tasks job roles systems infrastructure and data in core business processes this book explains enterprise architecture s vital role in enabling or constraining the execution of business strategy it provides frameworks case examples and more

**Masterclass Enterprise Architecture Management** 2006 pragmatic enterprise architecture is a practical hands on instruction manual for enterprise architects this book prepares you to better engage it management and business users by equipping you with the tools and knowledge you need to address the most common enterprise architecture challenges you will come away with a pragmatic understanding of and approach to enterprise architecture and actionable ideas to transform your enterprise experienced enterprise architect james v luisi generously shares life cycle architectures transaction path analysis frameworks and more so you can save time energy and resources on your next big project as an enterprise architect you must have relatable frameworks and excellent communication skills to do your job you must actively engage and support a large enterprise involving a hundred architectural disciplines with a modest number of subject matter experts across business information systems control systems and operations architecture they must achieve their mission using the influence of ideas and business benefits expressed in simple terms so that any audience can understand what to do and why pragmatic enterprise architecture gives you the tools to accomplish your goals in less time with fewer resources expand your enterprise architecture skills so

you can do more in less time with less money with the priceless tips presented understand the cost of creating new enterprise architecture disciplines and contrast those costs to letting them go unmanaged includes 10 life cycle architectures so that you can properly assess the roi of performing activities such as outsourcing insourcing restructuring mergers and acquisitions and more complete appendix of eight transaction path analysis frameworks provide dba guidelines for proper physical database design

Enterprise Architecture as Strategy 2014-03-15 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 togap the common approach to federal enterprise architecture feaf2 comparison of frameworks case



study integrated throughout the text and much more

**Pragmatic Enterprise Architecture** 2018-10-12 sparxsystems

enterprise architect ea is a logical choice for many companies and organizations it combines a broad feature set with an affordable price however the robust range of features makes starting to use this fantastic tool a bit intimidating enter michael a fictional consultant and experienced enterprise architect featured throughout the book to show you how to populate a model with elements and connectors and how to create diagrams that speak to the audience management project managers internal audit business stakeholders and it representatives as the book progresses michael s duties continue with more advanced topics including the use of workflow tools such as kanban boards you ll even see how to present directly from enterprise architect so that latest information can be shown straight from the source the last days of michael s mission are devoted to fine tuning the enterprise architecture model with the help of tagged values and to leave the model in the hands of the customer by creating a custom toolbox what you ll learn setup ea and populate a model with elements connectors and diagrams review the big five of enterprise architect model packages diagrams elements connectors implement evidence based best practice strategies aligned with overall goals who this book is for non technical users who use ea mainly to document entire landscapes

**Certified Enterprise Architect All-in-One Exam Guide** 2023-05-04

enterprise architects in their endeavor to achieve enterprise integration have limited guidance on how best to use enterprise models and modeling tools to support their practice it is widely recognized that the practice of engineering enterprises needs a number of models but how to maintain the relation between these

models with ease is still a problem model interoperability is an issue on multiple counts how to interchange models between enterprise modeling tools how to maintain the interdependencies between models whether they describe the enterprise on the same level but from different points of view or from the same point of view but on different levels of abstraction and granularity how to maintain a coherent and evolving set of enterprise models in support of continuous change processes how to use and reuse enterprise models as a knowledge resource the answers to these questions are of great importance to anyone who is implementing iso9001 2000 requirements whether through using enterprise architecture practice or not although it can be argued that a well executed architecture practice should satisfy iso9001 without additional effort this volume attacks the problem on three fronts 1 authors working in international standardisation and tool development as well as in enterprise modeling research present the latest developments in semantic integration 2 authors who are practitioners of or conducting active research in enterprise architecting methodologies give an account on the latest developments and strategic directions in architecture frameworks and methodologies 3 authors who use or develop information integration infrastructures present best practice and future trends of this aspect of enterprise integration chapters of this book include contributions to the international conference on enterprise integration and modelling technology iceimt 04 and those presented at the design of information infrastructure systems for manufacturing diism 04 workshop while diism is traditionally oriented at supporting manufacturing practice the results have a far greater domain of applicability

**Introduction to SparxSystems Enterprise Architect** 2006-03-09 this sourcebook addresses a critical shortcoming in the body of architecture

related guidance and instructions available to the architecture community the lack of a single comprehensive document that describes how to execute an enterprise architecture project from conception to completion and through post development maintenance it provides the basic description of an end to end architecture process that will help users greatly shorten the time required to master the art and science of becoming an expert enterprise architect

Knowledge Sharing in the Integrated Enterprise 2006-07-01 this is the only book on holistic organization wide enterprise architecture ea that integrates strategic business and technology planning the approach includes detailed information on ea governance implementation and use including an example case study a new chapter on solution architecture methods and a new chapter on the use of ea to support organizational restructuring as part of mergers and acquisitions written in plain language this book is recommended for executives managers and staff in large complex public and private sector organizations that are too silo d and or have highly dynamic operating environments no prior knowledge on the subject is needed

Sun Certified Enterprise Architect Mock Exams 2020-04-16 the revised version of this book to provide essential guidance compelling ideas and unique ways to enterprise architects so that they can successfully perform complex enterprise modernisation initiatives transforming from chaos to coherence this is not an ordinary theory book describing enterprise architecture in detail there are myriad of books on the market and in libraries discussing details of enterprise architecture my aim here is to highlight success factors and reflect lessons learnt from the field within enterprise modernisation and transformation context as a practising senior enterprise architect myself i read hundreds of those books and articles to learn different

views they have been valuable to me to establish my foundations in the earlier phase of my profession however what is missing now is a concise guidance book showing enterprise architects the novel approaches insights from the real life experience and experimentations and pointing out the differentiating technologies for enterprise modernisation if only there were such a guide when i started engaging in modernisation and transformation programs the biggest lesson learned is the business outcome of the enterprise modernisation what genuinely matters for business is the return on investment of the enterprise architecture and its monetising capabilities the rest is the theory because nowadays sponsoring executives due to economic climate have no interest attention or tolerance for non profitable ventures i am sorry for disappointing some idealistic enterprise architects but with due respect it is the reality and we cannot change it this book deals with reality rather than theoretical perfection anyone against this view on this climate must be coming from another planet in this concise uncluttered and easy to read book i attempt to show the significant pain points and valuable considerations for enterprise modernisation using a structured approach and a simple narration especially considering my audience from non english speaking backgrounds the architectural rigour is still essential we cannot compromise the rigour aiming to the quality of products and services as a target outcome however there must be a delicate balance among architectural rigour business value and speed to the market i applied this pragmatic approach to multiple substantial transformation initiatives and complex modernisations programs the key point is using an incrementally progressing iterative approach to every aspect of modernisation initiatives including people processes tools and technologies as a whole starting with a high level view of

enterprise architecture to set the context i provided a dozen of distinct chapters to point out and elaborate on the factors which can make a real difference in dealing with complexity and producing excellent modernisation initiatives as eminent leaders enterprise architects are the critical talents who can undertake this massive mission using their people and technology skills in addition to many critical attributes such as calm and composed approach let s keep in mind that as enterprise architects we are architects not firefighters i have full confidence that this book can provide valuable insights and some aha moments for talented architects like yourself to tackle this enormous mission of turning chaos to coherence

**The Enterprise Architecture Sourcebook** 2019-10-07 implement successful and cost effective enterprise architecture projects this book provides a new approach to developing enterprise architecture based on the idea of emergent behaviors where instead of micromanaging system implementation the enterprise architecture effort establishes clear goals and leaves the details to the implementation teams system development efforts are measured based on their contribution to achieving business goals instead of implementing specific possibly outdated requirements most enterprise architecture initiatives employ one of the existing system architecture frameworks such as zachman or the open group architecture framework but these are not well suited for enterprise architecture in a modern agile organization the new approach presented in this book is based on the author s experience with large enterprise architecture efforts the approach leverages research into complex adaptive systems and emergent behaviors where a few simple rules result in complex and efficient enterprise behaviors simplifying the task of establishing and maintaining the enterprise architecture cuts the costs of building and

maintaining the architecture and frees up those resources for more productive pursuits system implementers are given the freedom to rapidly adapt to changing user needs without the blessing of the enterprise modeling priesthood and the architecture is transformed from a static pile of obscure models and documents into an operational framework that can be actively used to manage an enterprise's resources to better achieve business goals the enterprise architect is free to stop focusing on building and maintaining models and start focusing on achieving business goals what you'll learn refocus enterprise architecture on business needs by eliminating most of the enterprise level models delegate tasks to the development teams who do system implementation document business goals establish strategies for achieving those goals and measure progress toward those goals measure the results and gauge whether the enterprise architecture is achieving its goals utilize appropriate modeling techniques that can be effectively used in an enterprise architecture who this book is for architecture practitioners and architecture managers practitioners are experienced architects who have used existing frameworks such as Zachman and have experience with formal architecture modeling and or model based system engineering managers are responsible for managing an enterprise architecture project and either have experience with enterprise architecture projects that were ineffective or are looking for a different approach that will be more cost effective and allow for more organizational agility government program managers looking for a different approach to make enterprise architecture more relevant and easier to implement will also find this book of value

**An Introduction to Holistic Enterprise Architecture** 2019-02-08

product description the only classroom based training and self

assessment system this study guide provides 100 complete coverage of all objectives for the sun certified architect for j2ee exam based on 300 000 hours of it training experience the book contains hundreds of practice exam questions and hands on exercises the cd rom features full practice exam software with interactive tutorials and lab simulations plus an adaptive test engine

**A Modern Enterprise Architecture Approach** 2007 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

*Complex Enterprise Architecture* 2006-11-07 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 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 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

Scea Exam Study Guide (Exam 310-051) 2012-09-01 the ultimate guide to successful interviews for enterprise business domain solution and technical architect roles as well as it advisory consultant and software designer roles about this book learn about enterprise architects its strategy and nfr this book provides you with methodologies best practices and frameworks to ace your interview a holistic view of key architectural skills and competencies with 500 questions that cover 12 domains 100 diagrams depicting scenarios



models and methodologies designed to help you prepare for your interview who this book is for this book is for aspiring enterprise business domain solution and technical architects it is also ideal for it advisory consultants and it designers who wish to interview for such a role interviewers will be able leverage this book to make sure they hire candidates with the right competencies to meet the role requirements what you will learn learn about it strategies nfr methodologies best practices and frameworks to ace your interview get a holistic view of key concepts design principles and patterns related to evangelizing web and java enterprise applications discover interview preparation guidelines through case studies use this as a reference guide for adopting best practices standards and design guidelines get a better understanding with 60 diagrams depicting various scenarios models and methodologies benefit from coverage of all architecture domains including ea business data infrastructure and application sa integration nfrs security and soa with extended coverage from it strategies to the nfr domain in detail an architect attends multiple interviews for jobs or projects during the course of his or her career this book is an interview resource created for designers consultants technical solution domain enterprise and chief architects to help them perform well in interview discussions and launch a successful career the book begins by providing descriptions of architecture skills and competencies that cover the 12 key domains including 350 questions relating to these domains the goal of this book is to cover all the core architectural domains from an architect s perspective it is impossible to revise or learn about all these key areas without a good reference guide this book is the solution it shares experiences learning insights and proven methodologies that will benefit practitioners smes and aspirants in the long run this book will

help you tackle the nfr domain which is a key aspect pertaining to architecting applications it typically takes years to understand the core concepts fundamentals patterns and principles related to architecture and designs this book is a goldmine for the typical questions asked during an interview and will help prepare you for success style and approach this book will help you prepare for interviews for architectural profiles by providing likely questions explanations and expected answers it is an insight rich guide that will help you develop strategic tactical and operational thinking for your interview

**Building an Enterprise Architecture Practice** 2016-11-30 key features use the lightning platform to build integrated scalable and robust apps focused on enterprise level customer demands use the lightning component framework to deliver modern and responsive user experiences targeting multiple devices through lightning experience and salesforce mobile extend your application with access to external services and ai book descriptionsalesforce lightning provides a secure and scalable platform to build deploy customize and upgrade applications this book will take you through the architecture of building an application on the lightning platform to help you understand its features and best practices and ensure that your app keeps up with your customers increasing needs as well as the innovations on the platform this book guides you in working with the popular apaas offering from salesforce the lightning platform you ll see how to build and ship enterprise grade apps that not only leverage the platform s many productivity features but also prepare your app to harness its extensibility and customization capabilities you ll even get to grips with advanced application architectural design patterns such as separation of concerns unit testing and dependency integration you will learn to use apex and javascript with lightning components

platform events among others with the help of a sample app illustrating patterns that will ensure your own applications endure and evolve with the platform finally you will become familiar with using salesforce dx to develop publish and monitor a sample app and experience standard application life cycle processes along with tools such as jenkins to implement ci cd by the end of this book you will have learned how to develop effective business apps and be ready to explore innovative ways to meet customer demands what you will learn create and deploy apexchange packages and manage upgrades understand enterprise application architecture patterns customize mobile and desktop user experience with lightning components manage large data volumes with asynchronous processing and big data strategies implement source control and continuous integration add ai to your application with einstein use lightning external services to integrate external code and data with your lightning application who this book is for this book is for lightning platform developers who want to discover the true potential of the platform to develop complex scalable applications for use in enterprise businesses

**Collaborative Enterprise Architecture** 2019-11-04 this book presents an approach to enterprise architecture which enables corporations to achieve their business objectives faster focusing on the governance of it in the organization it provides tangible tools advice and strategies for implementing and designing the architectural process within a corporation that will make a major contribution in driving the business forward and achieve its goals

**Cracking the IT Architect Interview** 2005-02-22 a complete comprehensive methodology and framework for adopting and managing a successful service oriented architecture environment achieving service oriented architecture helps to set up an soa

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your business is solving the wrong problems the nuclear triad of people process and technology has been foundational to solving business problems for decades entire frameworks and methodologies have grown up around the simple concept that getting each of these three areas correct and functioning in concert will ensure smooth business operations and cross enterprise alignment billions of dollars have been spent on people in the management consulting industry who have mastered the art of alignment and offered definitive solutions to the biggest wickedest business challenges out there and yet our businesses continue to encounter the same well known and seemingly well solved problems spending massive sums to fix them

how can this be it is said that modern business is one part innovation and one part marketing innovation is often mistakenly equated with technology and marketing with digital success in business therefore becomes a chase for digital capabilities and the latest technology to enable them and yet the latest technology continues to give us problems create headaches and doesn't always give our businesses the edge they need to compete despite costing us huge amounts of money how can this be the reality of course is that businesses are chasing the wrong buzzwords buying the wrong solutions solving the wrong problems the people problem tackles this topic from the perspective of enterprise architecture for newcomers and open minded old timers who practice ea architecting the enterprise is all about asking the fundamental question what business problem are we trying to solve when practitioners pay close attention they'll recognize that business problems are infrequently solved by a new tool that is technology isn't the answer to the problem they'll also notice that the most efficient process in the world made popular by the flashiest buzzwords in the industry is insufficient to answer the fundamental question in other words process is not the answer to the problem human beings are at the root and core of our businesses they define the processes and operate the technology only by recognizing that solving business problems requires solving problems with and caused by people will we get close to the right solutions the people problem aims to help new entrants to the field of enterprise architecture and anyone interested in solving difficult business problems navigate in an era of particularly rapid business and technological change based on over 17 years of experience consulting with companies large and small fortune 500 to local startups the people problem is a collection of accumulated knowledge presented in easily digestible vignettes discover the

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comprehensive overview of eam it addresses questions like what does eam mean what is the history of eam why do enterprises need eam what are its goals and how is it related to digitalization it also includes a short overview of essential eam standards and literature the second chapter provides an overview of enterprise architecture ea it starts with clarifying basic terminology and the difference between ea and eam it also gives a short summary of existing ea frameworks and methods for structuring the digital ecosystem into layers and views the third chapter addresses the strategic and tactical context of the eam capability in an enterprise it defines essential terms and parameters in the context of enterprise strategy and tactics as well as the operative organizational context of eam the fourth chapter specifies the detailed goals processes functions artifacts roles and tools of eam building the basis for an eam process framework that provides a comprehensive overview of eam processes and functions closing the circle the last chapter describes how to evaluate eam in an enterprise it starts by laying out core terminology like metric and strategic performance measurement system and ends with a framework that integrates the various measuring areas in the context of ea and eam this textbook focuses on two groups first eam scholars ie bachelor or master students of business information systems business administration or computer science and second eam practitioners working in the field of it strategy or ea who need a reliable scientifically solid and practically proven state of the art description of essential eam methods

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