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Microsoft Azure Architect Technologies: Exam Guide AZ-300 Extending Microsoft Dynamics 365 Finance and Supply Chain Management Cookbook Exam Ref AZ-204 Developing Solutions for Microsoft Azure Dynamics 365 Application Development Architecting Microsoft Azure Solutions - Exam Guide 70-535 Learning NServiceBus - Second Edition Microsoft Azure Exam Ref 70-532 Developing Microsoft Azure Solutions Practical Microservices with Dapr and .NET Data Intensive Industrial Asset Management Inside Microsoft Dynamics AX 2012 R3 Software Architecture with C# 10 and .NET 6 Building Microservices with .NET Core 2.0 Software Architecture with C# 12 and .NET 8 Oracle SOA Suite 10 g SOA jissen kaihatsu gaido Introducing Windows Azure for IT Professionals Software Architecture with C# 9 and .NET 5 Handbook of Research on E-Business Standards and Protocols: Documents, Data and Advanced Web Technologies Microsoft Azure Development Cookbook Second Edition Microsoft Power Automate??? ?????????????????????? e-Infrastructure and e-Services for Developing Countries Advances in Databases and Information Systems Implementing Microsoft Dynamics 365 for Finance and Operations Apps Integrating Serverless Architecture Microsoft Azure Developing Solutions for Microsoft Azure Exam Review Questions and Practice Tests An Introduction to Enterprise Architecture Microsoft Azure Essentials - Fundamentals of Azure Exam Ref AZ-303 Microsoft Azure Architect Technologies WebSphere Business Process Management and WebSphere Enterprise Service Bus V7 Performance Tuning Serverless Integration Design Patterns with Azure Mastering Microsoft Dynamics 365 Business Central New Challenges in Computational Collective Intelligence Trends in Enterprise Architecture Research and Practice-Driven Research on Enterprise Transformation Exploiting the Knowledge Economy Blockchain across Oracle Smart SOA Connectivity Patterns: Unleash the Power of IBM WebSphere Connectivity Portfolio The Journey to Enterprise Agility Developing Windows Azure and Web Services Exam Practice Tests & Dumps Microsoft Azure Architect Technologies Exam Practice Questions & Dumps

Microsoft Azure Architect Technologies: Exam Guide AZ-300 2020-01-16

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Extending Microsoft Dynamics 365 Finance and Supply Chain Management Cookbook 2020-03-27

a practical recipe based guide to extend your dynamics 365 finance and supply chain management implementation key features extend dynamics 365 finance and supply chain management features in a cost

effective manner learn how to integrate with other applications and services securely using business events odata and the service bus extend and hook into standard processes safely using chain of command book description dynamics 365 finance and supply chain management is microsoft s erp solution which can be implemented as a cloud or on premise solution to facilitate better decision making with the help of contemporary scalable erp system tools this book is updated with the latest features of dynamics 365 finance and supply chain management including chain of command coc acceptance test libraries atl and business events the book not only features more than 100 tutorials that allow you to create and extend business solutions but also addresses specific problems and offers solutions with insights into how they work this cookbook starts by helping you set up a azure devops project and taking you through the different data types and structures used to create tables you will then gain an understanding of user interfaces write extensible code manage data entities and even model dynamics 365 erp for security as you advance you ll learn how to work with various in built dynamics frameworks such as sysoperation systest and business events finally you ll get to grips with automated build management and workflows for better application state management by the end of this book you ll have become proficient in packaging and deploying end to end scalable solutions with microsoft dynamics 365 finance and supply chain management what you will learn understand the importance of using patterns and frameworks for creating unique solutions write code that can make your solution extendable leverage new frameworks that allow your solution to adapt as your business grows design the ui and business logic to fit standard patterns understand how to not only write unit tests but also perform efficient unit testing to automate the testing process design your security model and policies to provide code access privileges who this book is for this dynamics 365 book is for anyone who wants to learn dynamics 365 finance and supply chain management development or migrate from c or microsoft dynamics ax 2012 or prior development although finance and supply chain management experience is not necessary a background in software development is required you will also need access to microsoft s lifecycle services to download the necessary development tools

Exam Ref AZ-204 Developing Solutions for Microsoft Azure 2020-09-18

prepare for microsoft exam az 204 and help demonstrate your real world mastery of microsoft azure solutions development designed for working azure developers this exam ref focuses on the critical thinking and decision making acumen needed for success at the microsoft certified azure developer associate level focus on the expertise measured by these objectives develop for cloud storage create platform as a service paas solutions secure cloud solutions develop for an azure cloud model implement cloud integration solutions develop azure cognitive services bot and iot solutions develop azure infrastructure as a service compute solutions develop azure platform as a service compute solutions develop for azure storage implement azure security monitor troubleshoot and optimize solutions connect to

and consume azure services and third party services this microsoft exam ref organizes its coverage by exam objectives features strategic what if scenarios to challenge you assumes you want to show your ability to design and build diverse microsoft azure cloud solutions and successfully participate in all phases of their development about the exam exam az 204 focuses on knowledge needed to develop azure compute solutions develop for azure storage implement azure security monitor troubleshoot and optimize azure solutions connect to and consume azure services and third party services about microsoft certification passing this exam fulfills your requirements for the microsoft certified azure developer associate credential demonstrating your readiness to design build test and maintain microsoft azure cloud solutions and partner with other cloud professionals and clients to implement them this exam is also a prerequisite for the microsoft certified azure devops engineer expert credential see full details at microsoft.com/learn

Dynamics 365 Application Development 2018-01-30

learn develop and design applications using the new features in microsoft dynamics crm key features implement business logic using processes plugins and client side scripts with ms dynamics 365 develop custom crm solutions to improve your business applications a comprehensive guide that covers the new features of microsoft dynamics 365 and increasingly advanced topics book description microsoft dynamics 365 crm is the most trusted name in enterprise level customer relationship management the latest version of dynamics crm comes with the important addition of exciting features guaranteed to make your life easier it comes straight off the shelf with a whole new frontier of updated business rules process enhancements sdk methods and other enhancements this book will introduce you to the components of the new designer tools such as sitemap app module and visual designer for business processes going deeper this book teaches you how to develop custom saas applications leveraging the features of powerapps available in dynamics 365 further you will learn how to automate business processes using microsoft flow and then we explore api the most important platform update in dynamics 365 crm here you ll also learn how to implement api in custom applications you will learn how to write an azure aware plugin to design and integrate cloud aware solutions the book concludes with configuring services using newly released features such as editable grids data export service linkedin integration relationship insights and live assist what you will learn develop apps using the platform agnostic api leverage azure extensions to design cloud aware applications learn how to implement crud operation create integrated real world apps using microsoft powerapps and flow by combining services such as twitter facebook and sharepoint configure and use artificial intelligence azure cognitive services for recommendation and text analytic services who this book is for this book targets skilled developers who are looking to build business solution software and are new to application development in microsoft dynamics 365 especially for crm

Architecting Microsoft Azure Solutions - Exam Guide 70-535 2018-04-27

get certified as an azure architect by acing the 70 535 architecting microsoft solutions 70 535 exam using this comprehensive guide with full coverage of the exam objectives key features learn to successfully design and architect powerful solutions on the azure cloud platform enhance your skills with mock tests and practice questions a detailed certification guide that will help you ace the 70 535 exam with confidence book description architecting microsoft azure solutions exam guide 70 535 will get azure architects and developers up to date with the latest updates on azure from an architecture and design perspective the book includes all the topics that are still relevant from the previous 70 534 exam and is updated with latest topics covered including artificial intelligence iot and architecture styles this exam guide is divided into six parts where the first part will give you a good understanding of how to design a compute infrastructure it also dives into designing networking and data implementations you will learn about designing solutions for platform service and operations next you will be able to secure your resources and data as well as design a mechanism for governance and policies you will also understand the objective of designing solutions for platform services by covering artificial intelligence iot media services and messaging solution concepts finally you will cover the designing for operations objective this objective covers application and platform monitoring as well as designing alerting strategies and operations automation strategies by the end of the book you ll have met all of the exam objectives and will have all the information you need to ace the 70 535 exam you will also have become an expert in designing solutions on microsoft azure what you will learn use azure virtual machines to design effective vm deployments implement architecture styles like serverless computing and microservices secure your data using different security features and design effective security strategies design azure storage solutions using various storage features create identity management solutions for your applications and resources architect state of the art solutions using artificial intelligence iot and azure media services use different automation solutions that are incorporated in the azure platform who this book is for this book is for architects and experienced developers who are gearing up for the 70 535 exam technical architects interested in learning more about designing cloud solutions will also find this book useful

Learning NServiceBus - Second Edition 2015-01-31

if you are a net developer who wants to eliminate the problems related to defective third party web service integration or batch job failures then this is the book for you it is also perfect for those of you who are new to nservicebus and service oriented architecture and would like to learn how you can streamline all of your development efforts

Microsoft Azure 2010-12-09

straight talking advice on how to design and build enterprise applications for the cloud using microsoft azure with this book and ebook

Exam Ref 70-532 Developing Microsoft Azure Solutions 2018-01-18

prepare for microsoft exam 70 532 and help demonstrate your real world mastery of the skills needed to develop microsoft azure solutions designed for experienced it professionals ready to advance their status exam ref focuses on the critical thinking and decision making acumen needed for job success focus on the expertise measured by these objectives create and manage azure resource manager virtual machines design and implement a storage and data strategy manage identity application and network services design and implement azure paas compute web and mobile services this microsoft exam ref organizes its coverage by exam objectives features strategic what if scenarios to challenge you assumes you have experience designing programming implementing automating and monitoring microsoft azure solutions and are proficient with tools techniques and approaches for building scalable resilient solutions about the exam exam 70 532 focuses on skills and knowledge for building highly available solutions in the microsoft azure cloud about microsoft certification this exam is for candidates who are experienced in designing programming implementing automating and monitoring microsoft azure solutions candidates are also proficient with development tools techniques and approaches used to build scalable and resilient solutions see full details at microsoft.com/learning

Practical Microservices with Dapr and .NET 2020-12-11

use the new enticing and highly portable event driven runtime to simplify building resilient and scalable microservices for cloud and edge applications key features build resilient stateless and stateful microservice applications that run on the cloud and edge solve common distributed systems such as low latency and scaling using any language and framework use real time and proactive monitoring tools to support a reliable and highly available system book description over the last decade there has been a huge shift from heavily coded monolithic applications to finer self contained microservices dapr is a new open source project by microsoft that provides proven techniques and best practices for developing modern applications it offers platform agnostic features for running your applications on public cloud on premises and even on edge devices this book will help you get to grips with microservice architectures and how to manage application complexities with dapr in no time you will understand how dapr offers ease of implementation while allowing you to work with multiple languages and platforms you will also understand

how dapr s runtime services building blocks and software development kits sdks help you to simplify the creation of resilient and portable microservices dapr provides an event driven runtime that supports the essential features you need to build microservices including service invocation state management and publish subscribe messaging you ll explore all of those in addition to various other advanced features with this practical guide to learning dapr by the end of this book you ll be able to write microservices easily using your choice of language or framework by implementing industry best practices to solve problems related to distributed systems what you will learn use dapr to create services invoking them directly and via pub sub discover best practices for working with microservice architectures leverage the actor model to orchestrate data and behavior use azure kubernetes service to deploy a sample application monitor dapr applications using zipkin prometheus and grafana scale and load test dapr applications on kubernetes who this book is for this book is for developers looking to explore microservices architectures and implement them in dapr applications using examples on microsoft net core whether you are new to microservices or have knowledge of this architectural approach and want to get hands on experience in using dapr you ll find this book useful familiarity with net core will help you to understand the c samples and code snippets used in the book

Data Intensive Industrial Asset Management 2020-01-22

this book presents a step by step asset health management optimization approach using internet of things iot the authors provide a comprehensive study which includes the descriptive diagnostic predictive and prescriptive analysis in detail the presentation focuses on the challenges of the parameter selection statistical data analysis predictive algorithms big data storage and selection data pattern recognition machine learning techniques asset failure distribution estimation reliability and availability enhancement condition based maintenance policy failure detection data driven optimization algorithm and a multi objective optimization approach all of which can significantly enhance the reliability and availability of the system

Inside Microsoft Dynamics AX 2012 R3 2014-07-28

fully updated for microsoft dynamics ax 2012 r3 dig into the architecture and internals of microsoft dynamics ax 2012 r3 with firsthand insights from the team that designed and developed it deepen your knowledge of the underlying frameworks components and tools and deliver custom erp applications with the extensibility and performance your business needs useful for microsoft dynamics ax solution developers at all levels this guide will provide max benefit to those who understand oop relational database and transact sql concepts gain best practices patterns and techniques to exploit interoperability with

microsoft visual studio tools work with morphx and avoid common pitfalls with x code use enterprise portal with asp net and sharepoint for rich web based apps simplify process automation with built in workflow infrastructure see how the runtime implements security and configuration design and customize the user experience gain greater control over complex batch jobs customize the prebuilt bi solution and reporting test applications publish services and optimize performance

Software Architecture with C# 10 and .NET 6 2022-03-15

design scalable and high performance enterprise applications using the latest features of c 10 and net 6 key featuresgain comprehensive software architecture knowledge and the skillset to create fully modular appssolve scalability problems in web apps using enterprise architecture patternsmaster new developments in front end architecture and the application of ai for software architectsbook description software architecture is the practice of implementing structures and systems that streamline the software development process and improve the quality of an app this fully revised and expanded third edition featuring the latest features of net 6 and c 10 enables you to acquire the key skills knowledge and best practices required to become an effective software architect software architecture with c 10 and net 6 third edition features new chapters that describe the importance of the software architect microservices with asp net core and analyzing the architectural aspects of the front end in the applications including the new approach of net maui it also includes a new chapter focused on providing a short introduction to artificial intelligence and machine learning using ml net and updated chapters on azure kubernetes service ef core and blazor you will begin by understanding how to transform user requirements into architectural needs and exploring the differences between functional and non functional requirements next you will explore how to choose a cloud solution for your infrastructure taking into account the factors that will help you manage a cloud based app successfully finally you will analyze and implement software design patterns that will allow you to solve common development problems by the end of this book you will be able to build and deliver highly scalable enterprise ready apps that meet your business requirements what you will learnuse proven techniques to overcome real world architectural challengesapply architectural approaches such as layered architectureleverage tools such as containers to manage microservices effectivelyget up to speed with azure features for delivering global solutionsprogram and maintain azure functions using c 10understand when it is best to use test driven development tdd implement microservices with asp net core in modern architecturesenrich your application with artificial intelligenceget the best of devops principles to enable ci cd environmentswho this book is for this book is for engineers and senior software developers aspiring to become architects or looking to build enterprise applications with the net stack basic familiarity with c and net is required to get the most out of this book

Building Microservices with .NET Core 2.0 2017-12-22

architect your net applications by breaking them into really small pieces microservices using this practical example based guide key features start your microservices journey and get a broader perspective on microservices development using c 7 0 with net core 2 0 build deploy and test microservices using asp net core asp net core api and microsoft azure cloud get the basics of reactive microservices book description the microservices architectural style promotes the development of complex applications as a suite of small services based on business capabilities this book will help you identify the appropriate service boundaries within your business we ll start by looking at what microservices are and their main characteristics moving forward you will be introduced to real life application scenarios after assessing the current issues we will begin the journey of transforming this application by splitting it into a suite of microservices using c 7 0 with net core 2 0 you will identify service boundaries split the application into multiple microservices and define service contracts you will find out how to configure deploy and monitor microservices and configure scaling to allow the application to quickly adapt to increased demand in the future with an introduction to reactive microservices you ll strategically gain further value to keep your code base simple focusing on what is more important rather than on messy asynchronous calls what you will learn get acquainted with microsoft azure service fabric compare microservices with monolithic applications and soa learn docker and azure api management define a service interface and implement apis using asp net core 2 0 integrate services using a synchronous approach via restful apis with asp net core 2 0 implement microservices security using azure active directory openid connect and oauth 2 0 understand the operation and scaling of microservices in net core 2 0 understand the key features of reactive microservices and implement them using reactive extensions who this book is for this book is for net core developers who want to learn and understand the microservices architecture and implement it in their net core applications it s ideal for developers who are completely new to microservices or just have a theoretical understanding of this architectural approach and want to gain a practical perspective in order to better manage application complexities

Software Architecture with C# 12 and .NET 8 2024-02-28

a book for the aspiring net software architect design scalable and high performance enterprise solutions using the latest features of c 12 and net 8 purchase of the print or kindle book includes a free pdf ebook key features get introduced to software architecture fundamentals and begin applying them in net explore the main technologies used by software architects and choose the best ones for your needs master new developments in net with the help of a practical case study that looks at software architecture for a travel agency book description software architecture with c 12 and net 8 puts high level design theory to

work in a net context teaching you the key skills technologies and best practices required to become an effective net software architect this fourth edition puts emphasis on a case study that will bring your skills to life you ll learn how to choose between different architectures and technologies at each level of the stack you ll take an even closer look at blazor and explore opentelemetry for observability as well as a more practical dive into preparing net microservices for kubernetes integration divided into three parts this book starts with the fundamentals of software architecture covering c best practices software domains design patterns devops principles for ci cd and more the second part focuses on the technologies from choosing data storage in the cloud to implementing frontend microservices and working with serverless you ll learn about the main communication technologies used in microservices such as rest api grpc azure service bus and rabbitmq the final part takes you through a real world case study where you ll create software architecture for a travel agency by the end of this book you will be able to transform user requirements into technical needs and deliver highly scalable enterprise software architectures what you will learn program and maintain azure devops and explore github projects manage software requirements to design functional and non functional needs apply architectural approaches such as layered architecture and domain driven design make effective choices between cloud based and data storage solutions implement resilient frontend microservices worker microservices and distributed transactions understand when to use test driven development tdd and alternative approaches choose the best option for cloud development from iaas to serverless who this book is for this book is for engineers and senior software developers aspiring to become architects or looking to build enterprise applications with the net stack basic familiarity with c and net is required to get the most out of this software architecture book

Oracle SOA Suite 10 g SOA jissen kaihatsu gaido 2007

we re thrilled to share another free ebook with you introducing microsoft azure hdinsight by avkash chauhan valentine fontama michele hart wee hyong tok and buck woody here are the download links download the pdf 6 37 mb 130 pages from aka ms introhdinsight pdf download the epub 8 46 mb from aka ms introhdinsight epub download the mobi 12 8 mb from aka ms introhdinsight mobi download the code samples 6 83 kb from aka ms introhdinsight compcontent get a head start evaluating windows azure with technical insights from a microsoft mvp mitch tulloch this guide introduces the latest features and capabilities with scenario based advice on how the platform can meet the needs of your business get the high level overview you need to begin preparing your deployment now topics include understanding windows azure windows azure compute services windows azure network services windows azure data services windows azure app services getting started with windows azure

Introducing Windows Azure for IT Professionals 2013-11-15

design scalable and high performance enterprise applications using the latest features of c 9 and net 5 key featuresgain fundamental and comprehensive software architecture knowledge and the skillset to create fully modular appsdesign high performance software systems using the latest features of net 5 and c 9solve scalability problems in web apps using enterprise architecture patternsbook description software architecture is the practice of implementing structures and systems that streamline the software development process and improve the quality of an app this fully revised and expanded second edition featuring the latest features of net 5 and c 9 enables you to acquire the key skills knowledge and best practices required to become an effective software architect this second edition features additional explanation of the principles of software architecture including new chapters on azure service fabric kubernetes and blazor it also includes more discussion on security microservices and devops including github deployments for the software development cycle you will begin by understanding how to transform user requirements into architectural needs and exploring the differences between functional and non functional requirements next you will explore how to carefully choose a cloud solution for your infrastructure along with the factors that will help you manage your app in a cloud based environment finally you will discover software design patterns and various software approaches that will allow you to solve common problems faced during development by the end of this book you will be able to build and deliver highly scalable enterprise ready apps that meet your organization s business requirements what you will learnuse different techniques to overcome real world architectural challenges and solve design consideration issuesapply architectural approaches such as layered architecture service oriented architecture soa and microservicesleverage tools such as containers docker kubernetes and blazor to manage microservices effectivelyget up to speed with azure tools and features for delivering global solutionsprogram and maintain azure functions using c 9 and its latest featuresunderstand when it is best to use test driven development tdd as an approach for software developmentwrite automated functional test casesget the best of devops principles to enable ci cd environmentswho this book is for this book is for engineers and senior software developers aspiring to become architects or looking to build enterprise applications with the net stack basic familiarity with c and net is required to get the most out of this book

Software Architecture with C# 9 and .NET 5 2020-12-28

electronic business is a major force shaping the digital world yet despite of years of research and standardization efforts many problems persist that prevent e business from achieving its full potential problems arise from different data vocabularies classification schemas document names structures exchange

numerous submissions the papers cover a wide range of topics in the field of information and communication infrastructures and are grouped in topical sections on e infrastructure e services e society e health and e security

e-Infrastructure and e-Services for Developing Countries 2013-10-17

this volume is the second one of the 16th east european conference on advances in databases and information systems adbis 2012 held on september 18 21 2012 in poznań poland the first one has been published in the lncs series this volume includes 27 research contributions selected out of 90 the contributions cover a wide spectrum of topics in the database and information systems field including database foundation and theory data modeling and database design business process modeling query optimization in relational and object databases materialized view selection algorithms index data structures distributed systems system and data integration semi structured data and databases semantic data management information retrieval data mining techniques data stream processing trust and reputation in the internet and social networks thus the content of this volume covers the research areas from fundamentals of databases through still hot topic research problems e g data mining xml data processing to novel research areas e g social networks trust and reputation and data stream processing the editors of this volume believe that its content will inspire the researchers with new ideas for future development it may also serve as an overview of the ongoing work in the field of databases and information systems

Advances in Databases and Information Systems 2012-08-21

harness the power of finance and operations apps and discover all you need for their implementation key featuresmanage and plan different dynamics configurations designs and productslearn how to manage projects for pre sales and implementation using microsoft dynamics lifecycle services lcs discover various integration planning techniques tools and frameworks such as powerapps and power automatebook description microsoft dynamics 365 for finance and operations is a modern cloud erp platform that adopts a mobile first approach suitable for medium to large enterprises this book covers the entire implementation process of dynamics 365 finance and operation apps including post implementation and business transformation the updated second edition starts with an introduction to microsoft dynamics 365 describing different apps and tools under it you will learn about different implementation methodologies such as waterfall and agile for your projects we will cover various application components and architectures of dynamics such as requirements processing development reports and analytics and integration with the help of tips techniques and best practices you ll explore strategies for managing

configurations and data migrations as you read further you ll discover development tools and processes in dynamics for building customized solutions in dynamics the book will also demonstrate analytics and financial reporting options such as power bi and cortana intelligence finally you ll learn the importance of testing and explore various automated testing strategies by the end of this book you will have gained the necessary knowledge to implement microsoft business solutions with dynamics 365 for finance and operations apps what you will learn understand the architecture of dynamics 365 for finance and operations apps implement dynamics with confidence to manage finances in your business get up to speed with different methodologies and support cycles of the microsoft dynamics architecture explore best practices to analyze the requirements of your business understand the technique of data migration from legacy systems leverage the capabilities of power bi to make informed business decisions manage all your upgrades through one version service updates who this book is for this book is for consultants technical managers project managers or solution architects who are looking to implement microsoft dynamics 365 finance and operations apps in their business a basic understanding of the enterprise resource planning erp implementation process and software lifecycle is expected

Implementing Microsoft Dynamics 365 for Finance and Operations Apps 2020-03-06

design develop build and deliver an end to end serverless architecture by leveraging azure services frameworks and tools this book offers a holistic approach guiding you through the design and development of a twitter bot application while leveraging azure functions integrating serverless architecture begins with an overview of serverless computing and getting started with azure functions here you will create a twitter bot function which scans twitter for the latest tweets and makes use of dependency injection further you will learn about azure cosmos db where you will cover its change feed mechanism and the repository pattern you will create a cosmos db trigger based tweet notifier function which will broadcast the latest tweets to connected clients you will explore the basics of azure service bus and create a tweet scheduler function which will prioritize different keywords for the twitter bot function along the way you will debug deliver and test the functions in the azure environment this book shows you how to secure your azure function secrets with the help of azure key vault to further your understanding of the technology you will learn logging and exception handling in azure functions later in the book you will build a twitter bot web application by using asp net core and materialize css which will interact with several http based azure functions the twitter bot web application allows users to log in through the twitter identity provider subscribe to different keywords hashtags and browse the latest tweets based on subscriptions you will get started with signalr service and integrate it with azure functions and web applications towards the end you will go through app service authentication on azure functions and

discover how to configure continuous integration and delivery to azure functions after reading this book you will be able to understand the steps involved in design development and delivery of a workflow using azure functions what you will learn design and develop a twitter bot application using azure functions with azure app service as the front end leverage azure cosmos db as data storage and trigger notifications using its change feed mechanism store and retrieve secrets from azure key vault integrate azure functions with azure signalr service to broadcast real time messages secure azure functions by enabling twitter identity authentication using built in app service authentication build a continuous integration and continuous delivery pipeline for azure functions using visual studio team services vsts who this book is for developers software engineers and architects who design and manage infrastructures and build applications by leveraging microsoft cloud services

Integrating Serverless Architecture 2019-05-27

written for it and business professionals this book provides the technical and business insight needed to plan deploy and manage the services provided by the microsoft azure cloud find out how to integrate the infrastructure as a service iaas and platform as a service paas models with your existing business infrastructure while maximizing availability ensuring continuity and safety of your data and keeping costs to a minimum the book starts with an introduction to microsoft azure and how it differs from office 365 microsoft s other cloud you ll also get a useful overview of the services available part ii then takes you through setting up your azure account and gets you up and running on some of the core azure services including creating web sites and virtual machines and choosing between fully cloud based and hybrid storage solutions depending on your needs part iii now takes an in depth look at how to integrate azure with your existing infrastructure the authors anthony puca mike manning brent rush marshall copeland and julian soh bring their depth of experience in cloud technology and customer support to guide you through the whole process through each layer of your infrastructure from networking to operations high availability and disaster recovery are the topics on everyone s minds when considering a move to the cloud and this book provides key insights and step by step guidance to help you set up and manage your resources correctly to optimize for these scenarios you ll also get expert advice on migrating your existing vms to azure using inmage mail in and the best 3rd party tools available helping you ensure continuity of service with minimum disruption to the business in the book s final chapters you ll find cutting edge examples of cloud technology in action from machine learning to business intelligence for a taste of some exciting ways your business could benefit from your new microsoft azure deployment

Microsoft Azure 2015-10-08

a candidate for this certification should have 1 2 years professional development experience and experience with microsoft azure in addition the candidate for this role should have the ability to program in a language supported by azure and proficiency in azure sdks azure powershell azure cli data storage options data connections apis app authentication and authorization compute and container deployment debugging performance tuning and monitoring preparing for the developing solutions for microsoft azure exam to become a certified developing solutions for microsoft azure az 204 by microsoft here we have brought best exam questions for you so that you can prepare well for this exam unlike other online simulation practice tests you get an ebook version that is easy to read remember these questions you can simply rely on these questions for successfully certifying this exam

Developing Solutions for Microsoft Azure Exam Review Questions and Practice Tests 2012-08-13

an introduction to enterprise architecture is the culmination of several decades of experience that i have gained through work initially as an information technology manager and then as a consultant to executives in the public and private sectors i wrote this book for three major reasons 1 to help move business and technology planning from a systems and process level view to a more strategy driven enterprise level view 2 to promote and explain the emerging profession of ea and 3 to provide the first textbook on the subject of ea which is suitable for graduate and undergraduate levels of study to date other books on ea have been practitioner books not specifically oriented toward a student who may be learning the subject with little to no previous exposure therefore this book contains references to related academic research and industry best practices as well as my own observations about potential future practices and the direction of this emerging profession

An Introduction to Enterprise Architecture 2015-01-29

microsoft azure essentials from microsoft press is a series of free ebooks designed to help you advance your technical skills with microsoft azure the first ebook in the series microsoft azure essentials fundamentals of azure introduces developers and it professionals to the wide range of capabilities in azure the authors both microsoft mvps in azure present both conceptual and how to content for key areas including azure websites and azure cloud services azure virtual machines azure storage azure virtual networks databases azure active directory management tools business scenarios watch microsoft press s

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Microsoft Azure Essentials – Fundamentals of Azure 2020-12-09

prepare for microsoft exam az 303 and help demonstrate your real world mastery of architecting high value microsoft azure solutions for your organization or customers designed for modern it professionals this exam ref focuses on the critical thinking and decision making acumen needed for success at the microsoft certified expert level focus on the expertise measured by these objectives implement and monitor an azure infrastructure implement management and security solutions implement solutions for apps implement and manage data platforms this microsoft exam ref organizes its coverage by exam objectives features strategic what if scenarios to challenge you assumes you are an it professional who wants to demonstrate your ability to design modern microsoft azure solutions involving compute network storage and security about the exam exam az 303 focuses on knowledge needed to implement cloud infrastructure monitoring storage accounts and vms windows and linux automate resource deployment and configuration implement virtual networking and azure active directory implement and manage hybrid identities manage azure workloads implement azure site recovery implement application infrastructure manage application security implement load balancing and network security integrate azure virtual networks with on premises networks implement and manage azure governance solutions manage role based access control implement application infrastructure and container based apps implement nosql and azure sql databases and implement azure sql database managed instances about microsoft certification passing this exam and exam az 304 microsoft azure architect design fulfills your requirements for the microsoft certified azure solutions architect expert credential demonstrating your expertise in compute network storage and security for designing and implementing modern cloudbased solutions that run on microsoft azure see full details at microsoft com learn

Exam Ref AZ-303 Microsoft Azure Architect Technologies 2010-04-30

this ibm redpapertm publication was produced by the websphere business process management performance teams it provides performance tuning tips and best practices for websphere process server 7 0 0 1 websphere enterprise service bus 7 0 0 1 websphere integration developer 7 0 0 1 websphere business monitor 7 0 0 0 and websphere business modeler 7 0 0 1 these products represent an integrated development and runtime environment based on a key set of service oriented architecture soa and business process management bpm technologies service component architecture sca service data object sdo and business process execution language for services bpel this paper is aimed at a wide variety of groups both within ibm development services technical sales and so forth and by customers for those who are either

considering or are in the early stages of implementing a solution incorporating these products this document should prove a useful reference both in terms of best practices during application development and deployment and as a reference for setup tuning and configuration information this paper provides a useful introduction to many of the issues influencing each product s performance and can serve as a guide for making rational first choices in terms of configuration and performance settings similarly those who have already implemented a solution using these products might use the information presented here to gain insight as to how their overall integrated solution performance might be improved all of these products build on the core capabilities of the websphere application server infrastructure so bpm solutions also benefit from tuning configuration and best practices information for websphere application server and the corresponding platform javatm virtual machines jvms pointers to this information can be found in related publications on page 67 the reader is encouraged to use this paper in conjunction with these references

WebSphere Business Process Management and WebSphere Enterprise Service Bus V7 Performance Tuning 2019-02-13

a practical guide that helps you progress to using modern integration methods and leverage new cloud capability models key features design critical hybrid integration solutions for your organization gain in depth knowledge of how to build cloud native integration solutions leverage cognitive services to build smart cloud solutions book description with more enterprises adapting cloud based and api based solutions application integration has become more relevant and significant than ever before parallelly serverless integration has gained popularity as it helps agile organizations to build integration solutions quickly without having to worry about infrastructure costs with microsoft azure s serverless offerings such as logic apps azure functions api management azure event grid and service bus organizations can build powerful secure and scalable integration solutions with ease the primary objective of this book is to help you to understand various serverless offerings included within azure integration services taking you through the basics and industry practices and patterns this book starts by explaining the concepts of services such as azure functions logic apps and service bus with hands on examples and use cases after getting to grips with the basics you will be introduced to api management and building b2b solutions using logic apps enterprise integration pack this book will help readers to understand building hybrid integration solutions and touches upon microsoft cognitive services and leveraging them in modern integration solutions industry practices and patterns are brought to light at appropriate opportunities while explaining various concepts what you will learn learn about the design principles of microsoft azure serverless integration get insights into azure functions logic apps azure event grid and service bus secure and manage your integration endpoints using azure api management build advanced b2b solutions using logic apps enterprise integration pack monitor integration solutions using tools available on the market discover

design patterns for hybrid integration who this book is for serverless integration design patterns with azure is for you if you are a solution architect or integration professional aiming to build complex cloud solutions for your organization developers looking to build next level hybrid or cloud solutions will also find this book useful prior programming knowledge is necessary

Serverless Integration Design Patterns with Azure 2019-12-20

develop customized business management solutions with the latest features of microsoft dynamics 365 business central key features learn dynamics 365 business central the next generation of dynamics nav explore advanced topics for handling complex integrations such as using apis odata and azure functions discover best practices for developing saas extensions and moving existing solutions to the cloud book description dynamics 365 business central is an all in one business management solution which is easy to adopt and helps you make smarter business decisions this book is a comprehensive guide to developing solutions with microsoft erp in the cloud and also on premises it covers all aspects of developing extensions right from preparing a sandbox environment to deploying a complete solution the book starts by introducing you to the dynamics 365 business central platform and the new modern development environment you ll then explore the sandbox concept and see how to create sandboxes for development as you advance you ll be able to build a complete advanced solution for dynamics 365 business central with al language and visual studio code you ll then learn how to debug and deploy the extension and write automatic testing the book will also take you through advanced topics like integration with azure functions web services and apis devops and ci cd techniques and machine learning you ll discover how dynamics 365 business central can be used with office 365 apps finally you ll analyze different ways to move existing solutions to the new development model based on extensions by the end of this book you ll be able to develop highly customized solutions that meet the requirements of modern businesses using dynamics 365 business central what you will learn create a sandbox environment with dynamics 365 business central handle source control management when developing solutions explore extension testing debugging and deployment create real world business processes using business central and different azure services integrate business central with external applications apply devops and ci cd to development projects move existing solutions to the new extension based architecture who this book is for if you re a new developer looking to get started with dynamics 365 business central this book is for you this book will also help experienced professionals enhance their knowledge and understanding of dynamics 365 business central

Mastering Microsoft Dynamics 365 Business Central 2009-09-29

collective intelligence has become one of major research issues studied by today's and future computer science computational collective intelligence is understood as this form of group intellectual activity that emerges from collaboration and competition of many artificial individuals robotics artificial intelligence artificial cognition and group working try to create efficient models for collective intelligence in which it emerges from sets of actions carried out by more or less intelligent individuals the major methodological theoretical and practical aspects underlying computational collective intelligence are group decision making collective action coordination collective competition and knowledge description transfer and integration obviously the application of multiple computational technologies such as fuzzy systems evolutionary computation neural systems consensus theory knowledge representation etc is necessary to create new forms of computational collective intelligence and support existing ones three subfields of application of computational technologies to support forms of collective intelligence are of special attention to us the first one is semantic web treated as an advanced tool that increases the collective intelligence in networking environments the second one covers social networks modeling and analysis where social networks are this area of in which various forms of computational collective intelligence emerges in a natural way the third subfield relates us to agent and multi agent systems understood as this computational and modeling paradigm which is especially tailored to capture the nature of computational collective intelligence in populations of autonomous individuals

New Challenges in Computational Collective Intelligence 2012-10-06

this volume constitutes the proceedings of the combined 7th international workshop on trends in enterprise architecture research year 2012 and the 5th working conference on practice driven research on enterprise transformation pret 5 held in barcelona spain october 23 24 2012 and co located with the open group's conference on enterprise architecture cloud computing and security joining the forces of the two events with the open group conference provided the unique opportunity for an intensive exchange between practitioners as well as for discussions on standardization efforts and academic research in the areas of enterprise transformation and enterprise architecture ea based on careful reviews by at least three program committee members 18 papers were chosen for inclusion in these proceedings they were presented in six sessions on enterprise architecture management eam effectivity languages for ea eam and the ability to change advanced topics in ea governing enterprise transformations and ea applications

Trends in Enterprise Architecture Research and Practice-Driven Research on Enterprise Transformation 2006

adaptation of applied information and communication technologies ict research results is one of the greatest challenges faced in building the global knowledge economy this set of two books brings together a collection of contributions on commercial government or societal exploitation of applied ict

Exploiting the Knowledge Economy 2018-10-15

learn what the blockchain is what the differences between available blockchain platforms are how to work with oracle s blockchain cloud service and how blockchain can change the direction of your oracle work and the focus of your customers key features a professional orientation of the blockchain for oracle developers and customers learn what the blockchain is and how it will affect for you and your customers learn how blockchain will disrupt traditional cross organizational applications implement your own blockchain on oracle and develop your first smart contract industry directions of the blockchain to help you decide where to develop your skills book description blockchain across oracle gives you the professional orientation to blockchain that you need as an oracle developer in today s changing world written and prepared for you by oracle developer champion robert van mölken this book gets you up to speed with the details of the blockchain core concepts how to implement oracle s blockchain cloud service industry implications for the blockchain and how the blockchain will affect your oracle customers robert van mölken introduces you to the history and concepts of the blockchain you ll really get to understand the blockchain inside and out as an oracle developer or solution architect you ll understand the blockchain flow and how the hashes and chains create a new decentralised paradigm for you as an oracle developer you ll gain insights into how the blockchain affects oracle developers and customers in this modern and disruptive era you ll see how the blockchain concepts work in this new world where assets transactions security and privacy can all be sustained across a decentralized system for your customers then you ll find a detailed look at the cutting edge oracle middleware solutions you ll learn about hyperledger fabric the opensource blockchain framework used by oracle as its core and how to set up your own oracle blockchain network you ll design and develop a smart contract and learn how to run it on the oracle blockchain cloud service the final part of the book looks at how the blockchain will affect your customers across various industry sectors by studying industry trends in the financial services sector healthcare industry and the transport industry you ll discover how the options and possibilities for you and your clients are being transformed by the blockchain across oracle you ll complete this professional orientation by looking at blockchain trends and future directions what you will learn a full introduction to the blockchain how the blockchain affects oracle developers and customers core concepts including blocks

hashes and chains assets transactions and consensus how to work with oracle cloud to implement a blockchain network design develop and run smart contracts on the oracle blockchain cloud service blockchain security and privacy for oracle developers and clients public and private blockchain decisions for oracle architects and developers industry analysis across finance governance and healthcare sectors industry trends and the future of the blockchain technology who this book is for this book is a professional orientation for all oracle developers solution architects and decisions makers involved in oracle system and future development

Blockchain across Oracle 2011-09-15

this ibm redbooks publication provides you with a path to demystify the complexity of adopting a service oriented architecture soa approach to integrating applications and services with an iterative evolution of a fictitious company which is called its enterprise we demonstrate several scenarios about how we can implement an ibm smart soa approach that helps its enterprise to achieve its business goals to be a global interconnected enterprise one step at a time it is not our intention to dive into the extremely technical details of every product or to tell you specific solutions for specific problems but rather to advise you about how to look at these problems from a business context perspective and then to provide you with a concise deployment using the ibm websphere connectivity portfolio of products to easily address them this book will be a reference for its specialists and its architects working on implementing smart soa solutions using the ibm websphere connectivity portfolio of products at client sites as well as for decision makers ibm employees ibm business partners and its managers

Smart SOA Connectivity Patterns: Unleash the Power of IBM WebSphere Connectivity Portfolio 2017-05-05

this is the first book to seriously address the disconnection between nimble agile teams and other groups in the enterprise including enterprise architecture the program management office pmo human resources and even business executives when an enterprise experiments with practice improvements software development teams often jump on board with excitement while other groups are left to wonder how they will fit in we address how these groups can adapt to agile teams more importantly we show how many agile teams cause their own problems damaging scalability and sustainability by requiring special treatment and by failing to bridge the gaps between themselves and other groups we call this phenomenon agile illth adopting a set of best practices is not enough all of us agile teams and the corporate groups must change our intentions and worldviews to be more compatible with the success of the enterprise join us on the journey to enterprise agility it is a crooked path fraught with danger confusion and complexity it is the only way

to reach the pinnacles we hope to experience in the form of better business value delivered faster for less cost

The Journey to Enterprise Agility 2020-01-05

this 70 487 practice test windows azure development and web services have been advanced to test your knowledge before taking the official exam unlike other online simulation practice tests you get a printed version easy to read to remember these questions you can simply rely on these 100 questions for successfully certifying this exam prepare the best practice test 70 487 developed on windows azure and services it is one of the only tests in which it is separated by the exam topic each question has reference links for you to understand deeply

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