



Professional Expertise Distilled

Force.com Developer Certification Handbook (DEV401)

A comprehensive handbook to guide Force.com developers through important fundamentals and prepare them for the DEV401 exam

Siddhesh Kabe

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Forcecom Developer Guide

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Forcecom Developer Guide:

Development with the Force.com Platform Jason Ouellette, 2013-11-12 Master Force.com Today's Fastest Most Flexible Cloud Development Platform With Salesforce.com's Force.com platform you can build and deploy powerful cloud based enterprise applications faster than ever before Now Jason Ouellette gives you all the practical technical guidance you need to make the most of the newest Force.com releases in your own custom cloud applications Throughout he adds new code and updated best practices for rapidly prototyping building and testing production quality Force.com solutions This edition's extensive new coverage includes Developer Console JSON Streaming and Tooling APIs Bulk API Force.com Canvas REST integration support for Web MVC frameworks Dynamic Apex and Visualforce and an all new chapter on mobile user interfaces Ouellette covers the entire platform UIs database design analytics security and many other topics His code examples emphasize maintainability flexibility and seamless integration and you can run and adapt all of them with a free Force.com Developer Edition account Coverage includes Leveraging Force.com's customizable infrastructure to deliver advanced Platform as a Service PaaS solutions Understanding Force.com's unique processes tools and architecture Developing a complete application from requirements and use cases through deployment Using the Force.com database as a framework for highly flexible maintainable applications Applying Force.com's baked in security including user identity data ownership and fine grained access control Constructing powerful business logic with Apex SOQL and SOSL Adopting asynchronous actions Single Page Applications and other advanced features in Web user interfaces Building intuitive user interfaces with Visualforce and extending them to public facing websites and mobile devices Creating smartphone tablet friendly apps with HTML5 and Visualforce Performing massive data intensive tasks offline with Batch Apex Using Force.com integration options including REST SOAP Canvas and the Streaming Bulk Tooling and Metadata APIs Developing internal social applications with Force.com's Chatter collaboration tools If you're already building Web or mobile applications take your next giant step into enterprise cloud development with *Development with the Force.com Platform Third Edition* All code examples in this book are available on Github at <http://goo.gl/fJRqMX> and as a Force.com IDE project on Github at <https://github.com/jmouel/dev-with-force-3e>

Salesforce Handbook Wes Nolte, Jeff Douglas, 2011-03-01 This book is not intended to be a deep dive on security programming reporting configuration etc but more of a high level overview on salesforce.com Force.com development tools methodology and other resources We will not cover all aspects of salesforce.com We wrote this book to hopefully become an invaluable resource for anyone new or inexperienced with the Force.com platform For new administrators and developers coming on to the platform we see a gaping hole in existing reference books This book is not intended for end users or advanced developers This book is for people somewhere in the middle let's say a business analyst or a new Java or .NET developer We would like this to be the first book you pick up after your boss walks in and says Let's take a look at salesforce.com and see if we can build some applications in the cloud This book contains the information that

we wish we had when we started developing applications on Force.com **Mastering Application Development with Force.com** Kevin J. Poorman, 2016-01-28 Design and develop state of the art applications using Force.com's powerful development platform About This Book Flaunt your skillsets by developing complex applications that include demanding concepts such as triggers Visualforce controllers batch jobs and Lightning components Earn the gratitude of your colleagues by structuring a project so that multiple developers can work independently of each other Kevin Poorman the author of the book and a Force.com MVP shares his years of Force.com knowledge and experience with you through the medium of telling examples Who This Book Is For If you're a Force.com developer with a fundamental understanding of Apex and JavaScript but now want to enhance your skills with tips tricks and guidance on the best architectural and engineering practices then this book is for you What You Will Learn Creating triggers and the best practices for writing them Developing a number of Visualforce controllers and extensions Integrating third party web APIs into your Apex code Writing unit tests that cover testing bulk safety user and profile settings and negative tests Creating a Lightning component for use in Salesforce1 Getting acquainted with various methods for deploying metadata between orgs Using the REST sObject API for access to Salesforce objects and data using the REST methodology Learning about overarching architectural considerations such as naming conventions testing practices and data modeling practices In Detail Force.com is an extremely powerful scalable and secure cloud platform delivering a complete technology stack ranging from databases and security to workflow and the user interface With Salesforce.com's Force.com cloud platform you can build any business application and run it on your servers The book will help you enhance your skillset and develop complex applications using Force.com It gets you started with a quick refresher of Force.com's development tools and methodologies and moves to an in depth discussion of triggers bulkification DML order of operations and trigger frameworks Next you will learn to use batchable and schedulable interfaces to process massive amounts of information asynchronously You will also be introduced to Salesforce Lightning and cover components including backend apex controllers frontend JavaScript controllers events and attributes in detail Moving on the book will focus on testing various apex components what to test when to write the tests and most importantly how to test Next you will develop a changeset and use it to migrate your code from one org to another and learn what other tools are out there for deploying metadata You will also use command line tools to authenticate and access the Force.com REST sObject API and the Bulk sObject API additionally you will write a custom REST endpoint and learn how to structure a project so that multiple developers can work independently of each other without causing metadata conflicts Finally you will take an in depth look at the overarching best practices for architecture structure and engineering code applications on the Force.com platform Style and approach A step by step tutorial with plenty of tips and tricks that will help you develop complex Force.com applications *Learning Apex Programming* Matt Kaufman, Michael Wickerski, 2015-01-31 If you are a developer who has some object oriented programming experience Learning Apex Programming is the perfect book for you This book is most

appropriate for developers who wish to gain an understanding of the Force.com platform and how to use Apex to create business applications

Force.com Enterprise Architecture Andrew Fawcett, 2017-03-31 Architect and deliver packaged Force.com applications that cater to enterprise business needs About This Book Explore the Lightning framework advanced application life cycle processes and testing Use the Force.com platform to build truly integrated scalable and robustly engineered applications focused on enterprise level customer demands Using the Lightning technology to deliver modern and responsive user experiences targeting multiple devices through Lightning Experience and Salesforce1 Mobile Step by step work on examples to get you building your own ready to install packaged application Who This Book Is For This book is for advanced Force.com developers and architects who need to understand the Salesforce platform from the perspective of enterprise level requirements A prior understanding of Apex and Visualforce is a must Those familiar with other enterprise software ecosystems will also find this book ideal as they adopt Force.com What You Will Learn Package install test and upgrade an application Define architecture aligning data storage and functional requirements Develop Apex code that is easy to navigate self documenting testable robust and organic Leverage your application's client-agnostic Service layer backbone to support numerous platform areas Get the most from hosting your application within the Lightning Experience and Salesforce1 Mobile clients Apply querying indexing and asynchronous best practices Leverage mocking and dependency injection in your Apex tests Explore tips for developing advanced applications In Detail Companies of all sizes have seen the need for Force.com's architectural strategy focused on enabling their business objectives Successful enterprise applications require planning commitment and investment in the best tools processes and features available This book will teach you how to architect and support enduring applications for enterprise clients with Salesforce by exploring how to identify architecture needs and design solutions based on industry standard patterns There are several ways to build solutions on Force.com and this book will guide you through a logical path and show you the steps and considerations required to build packaged solutions from start to finish It covers all aspects from engineering to getting your application into the hands of your customers and ensuring that they get the best value possible from your Force.com application You will get acquainted with extending tools such as Lightning App Builder Process Builder and Flow with your own application logic In addition to building your own application API you will learn the techniques required to leverage the latest Lightning technologies on desktop and mobile platforms Style and approach The book takes a straightforward approach taking apart the Force.com architecture for you to gain a deep understanding of how you can implement the Salesforce platform based on enterprise level requirements

Learning Force.com Application Development Chamil Madusanka, 2015-04-27 If you are a developer who wants to learn how to develop and deploy applications from the Salesforce.com platform then this book is for you No prior knowledge of Salesforce is necessary

Visualforce Development Cookbook Keir Bowden, 2016-08-31 Discover over 70 real world examples to overcome the most complex concepts you will face developing with Visualforce About This

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Salesforce CRM - The Definitive Admin Handbook Paul Goodey, 2016-12-21 Learn how to successfully administer build and manage Salesforce CRM and Salesforce mobile solutions using real world and best practice techniques About This Book See the latest best practice Salesforce administration principles gain real world advice and understand critical design considerations to set up and customize Salesforce CRM This is a pragmatic guide to the key functions of customizing and setting up the application for enterprise security user and data management process automation analytics and mobile features Step by step navigation and descriptions of the features of Salesforce CRM platform and clear guidance on the customization and administration of the application Identify what is covered to create your own improved study guide for the certified administrator examination Who This Book Is For This book is for administrators who want to develop and strengthen their Salesforce CRM skills in the areas of configuration and system management Whether you are a new

administrator or a more experienced professional this book will enhance your knowledge and understanding of the features of Salesforce CRM What You Will Learn Manage and administer user records and password policies Configure and control the various organization wide user interface features in Salesforce CRM Set up and maintain users profiles and permission sets and administer appropriate security and login access mechanisms Apply organization security Understand the capabilities of the Salesforce CRM sharing model Create delete and customize fields page layout and list views for custom and standard objects Find out how Apex and Visualforce coding can be used in Salesforce CRM Implement the mechanisms for data management Discover the tools to import update transfer and mass delete data In Detail Salesforce CRM s Winter 17 release offers a host of new features for CRM designed to transform your sales and marketing requirements With this comprehensive guide to implementing Salesforce CRM administrators of all levels can easily acquire deep knowledge of the platform The book begins by guiding you through setting up users and the security settings and then progresses to configuration data management and data analytics We swiftly move on to the setting up of organization wide features that affect the look and feel of the application Process automation and approval mechanisms are covered next along with the functional areas of Sales Cloud Service Cloud Marketing Cloud and Salesforce Chatter This book details Salesforce CRM system administration in a practical way and is an invaluable reference for both new administrators and experienced professionals At the end of the book techniques to further enhance the system and improve the return on investment Salesforce mobile apps and mobile administration are covered along with Salesforce Adoption Manager Every chapter is complete with a section containing example questions of the type that you might encounter in the certification examination Style and approach This book takes a straightforward no nonsense approach to working with the Salesforce CRM platform Filled with examples and use cases the book presents the facts along with seasoned advice and real world examples to ensure you have all the resources you need to become a more informed Salesforce Administrator

Salesforce CRM - The Definitive Admin Handbook - Third Edition Paul Goodey,2015-01-30 This book is for administrators who want to develop and strengthen their Salesforce CRM skills in the areas of configuration and system management Whether you are a novice or a more experienced administrator this book aims to enhance your knowledge and understanding of the Salesforce CRM platform and features

Salesforce Lightning Platform Enterprise Architecture Andrew Fawcett,2019-11-04 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 Web 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 AppExchange packages and manage upgrades Understand Enterprise Application Architecture patterns Customize mobile and desktop user experience with Lightning Web 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 Advanced API Security Prabath Siriwardena,2014-08-28 Advanced API Security is a complete reference to the next wave of challenges in enterprise security securing public and private APIs API adoption in both consumer and enterprises has gone beyond predictions It has become the coolest way of exposing business functionalities to the outside world Both your public and private APIs need to be protected monitored and managed Security is not an afterthought but API security has evolved a lot in last five years The growth of standards out there has been exponential That s where AdvancedAPI Security comes in to wade through the weeds and help you keep the bad guys away while realizing the internal and external benefits of developing APIs for your services Our expert author guides you through the maze of options and shares industry leading best practices in designing APIs for rock solid security The book will explain in depth securing APIs from quite traditional HTTP Basic Authentication to OAuth 2 0 and the standards built around it Build APIs with rock solid security today with Advanced API Security Takes you through the best practices in designing APIs for rock solid security Provides an in depth tutorial of most widely adopted security standards for API security Teaches you how to compare and contrast different security standards protocols to find out what suits your business needs the best *Practical Salesforce.com Development Without Code* Philip Weinmeister,2014-12-31 Are you facing a challenging Salesforce com problem say relating to automation configuration formulation or reporting that you can t quite crack Or maybe you are hoping to infuse some creativity into your solution design strategy to solve problems faster or make solutions more efficient Practical Salesforce com Development Without Code shows you how to unlock the

power of the Force.com platform to solve real business problems and all without writing a line of code. Adhering to Salesforce.com's clicks not code mantra, Salesforce.com expert Phil Weinmeister walks you through different business problems and identifies effective creative and proven approaches to solutions using the platform's declarative framework. If you are a Salesforce.com administrator, analyst, consultant, or developer, you can attest to the insatiable appetite of users for new functionality. Your clients expect solutions, and now. By adopting Practical Salesforce.com Development Without Code as your guide, you will learn how to deliver business solutions within Salesforce.com by combining analysis, creativity, and logic with some of its core elements including validation rules, workflow rules, and formula fields. In addition, Weinmeister dissects and explains the most useful functions and features for developers and shows you how to use them. Among other things, you will learn how to build objects, fields, and relationships to establish a sensible data model; automate business processes by using workflow rules and flows; Visual Workflow; utilize functions and develop formulas effectively for a variety of business needs; develop intricate approval processes to handle exception scenarios; employ publisher actions to drive additional functionality from the Chatter feed; manage your data using Data Loader. Best of all, Weinmeister uses real-life business scenarios and visuals to keep you engaged and learning something new with every page you read. Practical Salesforce.com Development Without Code will help you absorb the principles behind dozens of creative and thoughtful ways to solve your business problems. Applying the lessons learned from this how-to guide will ultimately save you time and ensure that your clients or internal customers are well satisfied and productive.

Beginning Salesforce Developer Michael Wicherski, 2017-12-05
Get started developing on the Force.com platform in no time. With step-by-step guidance starting with setting up your developer environment and progressing through to deploying to production, you will learn industry best practices to release robust custom applications with tangible benefits to your company or your client. Geared specifically toward beginning developers, Beginning Salesforce Developer establishes a strong understanding of basic code constructs through examples. Rather than simply explaining how to use the platform, you will receive a comprehensive understanding of why, allowing you to address platform quirks and gotchas that might occur. The book also serves to lay the foundation for continuing on to Salesforce Developer Pro. What You'll Learn: Configure your Salesforce development environment; Understand the Salesforce data model and query languages; Create basic Apex triggers; Use standard controllers with basic Visualforce pages; Utilize Visualforce with custom-built Apex controllers; Write test coverage. Who This Book Is For: Salesforce administrators who wish to transition into developing on the Force.com platform. The book also serves as a quick immersion into the world of development for complete beginners through proprietary Salesforce development languages on the Force.com platform.

Developing Data Migrations and Integrations with Salesforce David Masri, 2018-12-18
Migrate your data to Salesforce and build low-maintenance and high-performing data integrations to get the most out of Salesforce and make it a go-to place for all your organization's customer information. When companies choose to roll out Salesforce, users expect it to

be the place to find any and all Information related to a customer the coveted Client 360 view On the day you go live users expect to see all their accounts contacts and historical data in the system They also expect that data entered in other systems will be exposed in Salesforce automatically and in a timely manner This book shows you how to migrate all your legacy data to Salesforce and then design integrations to your organization s mission critical systems As the Salesforce platform grows more powerful it also grows in complexity Whether you are migrating data to Salesforce or integrating with Salesforce it is important to understand how these complexities need to be reflected in your design Developing Data Migrations and Integrations with Salesforce covers everything you need to know to migrate your data to Salesforce the right way and how to design low maintenance high performing data integrations with Salesforce This book is written by a practicing Salesforce integration architect with dozens of Salesforce projects under his belt The patterns and practices covered in this book are the results of the lessons learned during those projects What You ll Learn Know how Salesforce s data engine is architected and why Use the Salesforce Data APIs to load and extract data Plan and execute your data migration to Salesforce Design low maintenance high performing data integrations with Salesforce Understand common data integration patterns and the pros and cons of each Know real time integration options for Salesforce Be aware of common pitfalls Build reusable transformation code covering commonly needed Salesforce transformation patterns Who This Book Is For Those tasked with migrating data to Salesforce or building ongoing data integrations with Salesforce regardless of the ETL tool or middleware chosen project sponsors or managers nervous about data tracks putting their projects at risk aspiring Salesforce integration and or migration specialists Salesforce developers or architects looking to expand their skills and take on new challenges

Salesforce Reporting and Dashboards Johan Yu,2015-03-26 This book is intended for all Salesforce users administrators managers business analysts or report writers who are new to creating reports or dashboards within Salesforce Basic knowledge of the Salesforce platform is required

Salesforce Platform Enterprise Architecture Andrew Fawcett,Daniel J. Peter,2023-03-31 Deliver impressive enterprise grade applications using the Salesforce Platform with the help of established architectural patterns and best developer practices Key FeaturesUse the latest capabilities of the Salesforce Platform to code robust apps and web experiences with an extended focus on Lightning Web ComponentsBranch out to Java Node js and other languages with a new chapter exploring app development capabilities using Heroku and FunctionsExtend your application with access to external services following new coverage of OpenAPI enabled API servicesBook Description Salesforce makes architecting enterprise grade applications easy and secure but you ll need guidance to leverage its full capabilities and deliver top notch products for your customers This fourth edition brings practical guidance to the table taking you on a journey through building and shipping enterprise grade apps This guide will teach you advanced application architectural design patterns such as separation of concerns unit testing and dependency injection You ll also get to grips with Apex and fflib create scalable services with Java Node js and other languages using

Salesforce Functions and Heroku and find new ways to test Lightning UIs These key topics alongside a new chapter on exploring asynchronous processing features are unique to this edition You'll also benefit from an extensive case study based on how the Salesforce Platform delivers solutions By the end of this Salesforce book whether you are looking to publish the next amazing application on AppExchange or build packaged applications for your organization you will be prepared with the latest innovations on the platform What you will learn Create and deploy packaged apps for your own business or for AppExchange Understand Enterprise Application Architecture patterns Customize the mobile and desktop user experience with Lightning Web Components Manage large data volumes with asynchronous processing and big data strategies Learn how to go beyond the Apex language and utilize Java and Node.js to scale your skills and code with Heroku and Salesforce Functions Test and optimize Salesforce Lightning UIs Use Connected Apps External Services and Objects along with AWS integration tools to access off platform code and data with your application Who this book is for If you are a Salesforce developer who wants to unlock the true potential of the Salesforce platform and deliver complex scalable applications within your company or for use in large enterprises you target through AppExchange then you have come to the right place You will need a solid foundation of Salesforce development to dive into this book it is here to elevate your skills not teach you the basics

Salesforce Lightning Reporting and Dashboards Johan Yu, 2017-08-03 Learn how to build advanced reports and dashboards in Salesforce Lightning experience About This Book Visualize and create advanced reports and dashboards using Lightning Experience Improve overall business efficiency with advanced and effective reports and dashboards Understand and create custom reports and dashboards Who This Book Is For This book is targeted at Salesforce.com administrators business analysts and managers who use Salesforce.com for their daily job and want to learn in depth about Salesforce Reporting and Dashboard in Lightning Experience Readers should have a basic knowledge of Salesforce such as Accounts Contacts Leads Opportunities and custom objects What You Will Learn Navigate in Salesforce.com within the Lightning Experience user interface Secure and share your reports and dashboards with other users Create manage and maintain reports using Report Builder Learn how the report type can affect the report generated Explore the report and dashboard folder and the sharing model Create reports with multiple formats and custom report types Explore various dashboard features in Lightning Experience Use Salesforce1 including accessing reports and dashboards In Detail Built on the Salesforce App Cloud the new Lightning Experience combines the new Lightning Design System Lightning App Builder and Lightning Components to enable anyone to quickly and easily create modern enterprise apps The book will start with a gentle introduction to the basics of Salesforce reports and dashboards It will also explain how to access reports in depth Then you will learn how to create and manage reports to use Schedule Report and create advanced report configurations The next section talks about dashboards and will enable you to understand and compare various types of dashboard component and how you can benefit the most from each of them Then we move on to advanced topics and explain tips and tricks related

to reports and dashboards including reporting snapshots report parameters and collaboration Finally we will discuss how to access dashboards and reports from the Salesforce1 mobile app Style and approach This comprehensive guide covers the advanced features of the all new Salesforce Lightning concepts and communicates them through a practical approach to explore the underlying concepts of how when and why to use them *ChatGPT for Accelerating Salesforce Development* Andy Forbes, Philip Safir, Joseph Kubon, Francisco Fálder, 2023-12-29 Harness ChatGPT for streamlined flows effective configuration proficient code writing and enhanced project activities Key Features Improve process quality and reduce costs by incorporating ChatGPT into your Salesforce projects Optimize project workflows and align technical capabilities with business goals Integrate ChatGPT's strengths with Salesforce expertise to innovate business analysis coding and testing approaches Purchase of the print or Kindle book includes a free PDF eBook Book Description Authored by a team of Salesforce masters with exemplary IT background ChatGPT for Salesforce Development helps you learn about the intricacies of Salesforce design configuration coding and testing demonstrating how ChatGPT can simplify complex setups and enhance project team efficiency With this book you'll unlock the effective use of ChatGPT for crafting user stories that align seamlessly with project goals learn how to design and implement Salesforce flows and quickly write clear comprehensive and high quality project documentation You'll leverage ChatGPT to write new Apex code decipher existing code and explore the development of web services and callouts This book covers everything from trigger creation to the development of Lightning Web Components LWC highlighting how these can accelerate the development process Applying ChatGPT's debugging capabilities you'll swiftly identify and resolve Salesforce issues to uphold the integrity and performance of your Salesforce applications By the end of this book you'll be adept at integrating ChatGPT at every stage of Salesforce project delivery from initial configuration to final testing What you will learn Masterfully craft detailed and engaging user stories tailored for Salesforce projects Leverage ChatGPT to design cutting edge features within the Salesforce ecosystem transforming ideas into functional and intuitive solutions Explore the integration of ChatGPT for configuring Salesforce environments Write Salesforce flows with ChatGPT enhancing workflow automation and efficiency Develop custom LWCs with ChatGPT's assistance Discover effective testing techniques using ChatGPT for optimized performance and reliability Who this book is for This book is for Salesforce developers offering insights into using ChatGPT to enhance their coding and configuration abilities It's an invaluable resource for business analysts looking to use ChatGPT to translate complex requirements into actionable solutions For testers this book covers methods to leverage ChatGPT for more effective testing processes ensuring higher quality outcomes Product owners will gain insights into optimizing project workflows and aligning technical capabilities with business goals making this book a must have for Salesforce project team members **Moving To The Cloud** Geetha Manjunath, Dinkar Sitaram, 2011-11-16 Moving to the Cloud provides an in depth introduction to cloud computing models cloud platforms application development paradigms concepts and technologies The authors particularly

examine cloud platforms that are in use today They also describe programming APIs and compare the technologies that underlie them The basic foundations needed for developing both client side and cloud side applications covering compute storage scaling data parallelism virtualization MapReduce RIA SaaS and Mashups are covered Approaches to address key challenges of a cloud infrastructure such as scalability availability multi tenancy security and management are addressed The book also lays out the key open issues and emerging cloud standards that will drive the continuing evolution of cloud computing Includes complex case studies of cloud solutions by cloud experts from Yahoo Amazon Microsoft IBM Adobe and HP Labs Presents insights and techniques for creating compelling rich client applications that interact with cloud services Demonstrates and distinguishes features of different cloud platforms using simple to complex API programming examples

Cloud Security and Privacy Tim Mather, Subra Kumaraswamy, Shahed Latif, 2009-09-04 You may regard cloud computing as an ideal way for your company to control IT costs but do you know how private and secure this service really is Not many people do With Cloud Security and Privacy you ll learn what s at stake when you trust your data to the cloud and what you can do to keep your virtual infrastructure and web applications secure Ideal for IT staffers information security and privacy practitioners business managers service providers and investors alike this book offers you sound advice from three well known authorities in the tech security world You ll learn detailed information on cloud computing security that until now has been sorely lacking Review the current state of data security and storage in the cloud including confidentiality integrity and availability Learn about the identity and access management IAM practice for authentication authorization and auditing of the users accessing cloud services Discover which security management frameworks and standards are relevant for the cloud Understand the privacy aspects you need to consider in the cloud including how they compare with traditional computing models Learn the importance of audit and compliance functions within the cloud and the various standards and frameworks to consider Examine security delivered as a service a different facet of cloud security

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