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## KEY=FUSION - LEONIDAS NATHANAEL

## ORACLE WEBLOGIC SERVER 12C ADMINISTRATION I EXAM 1Z0-133

## A COMPREHENSIVE CERTIFICATION GUIDE

**Apress** *Use this comprehensive guide to study for the Oracle WebLogic Server 12c Administration I Exam 1Z0-133. This book is a unique introductory resource to the WebLogic Server certification for new Oracle Fusion Middleware administrators and a valuable resource for veteran WebLogic Server administrators seeking to update their skills for the 12c certification topics. It is common sense that passing a certification exam requires a good command of the subject matter, understanding the intricacies surrounding its practice, and having sufficient experience working with the concepts. This book aims to accelerate the process by providing an accurate review of all exam topics, suggesting hands-on practices to gain or reinforce experience working with WebLogic Server, and introducing questions to help candidates become familiar with the format and style of questions found on the actual certification exam. Oracle WebLogic Server 12c Administration I Exam 1Z0-133 covers the associate level certification with Oracle. Although not dedicated to exam 1Z0-599, the guide is also a valuable foundational resource for those preparing for WebLogic Server 12c implementation specialist level certification. This book: Inspects the certification topics in the order that you would likely follow in an on-the-job middleware infrastructure project Is a great resource for candidates preparing for the certification, who are unable to start*

*with live or personally-assisted training Is a great starting point for those pursuing advanced Oracle WebLogic Server certifications What You'll Learn Cover all topics on the certification exam 1Z0-133 Become familiar with the types and format of questions on the certification exam Understand and properly describe Oracle WebLogic Server domains and clusters Install, configure, maintain, and monitor Oracle WebLogic Server Deploy and manage applications on Oracle WebLogic Server Discover how to use new administration features of Oracle WebLogic Server 12c Who This Book Is For Certified Oracle WebLogic administrators seeking to update their Oracle WebLogic Server credentials, as well as experienced WebLogic Server administrators seeking to earn certification for the first time. Non-Oracle administrators seeking to earn a WebLogic Server certification will also find this book useful.*

## ORACLE WEBLOGIC SERVER 11G ADMINISTRATION HANDBOOK

**McGraw Hill Professional** *Master the Configuration and Administration of Oracle WebLogic Server 11g Oversee a robust, highly available environment for your mission-critical applications using the expert information in this Oracle Press guide. Oracle WebLogic Server 11g Administration Handbook explains the latest management techniques for the de facto application server for Oracle Fusion Middleware 11g> and provides detailed examples and best practices. Find out how to use the Oracle WebLogic Server Administration Console feature, employ command-line and scripting tools, implement failover and migration capabilities, and generate reliable backups. Troubleshooting, tuning, and security procedures are also covered in this comprehensive resource. Install Oracle WebLogic Server 11g or upgrade from a previous version Configure domains, servers, clusters, custom networks, and virtual hosts Work with the Administration Console and Monitoring Dashboard features of Oracle WebLogic Server Use the WebLogic Scripting Tool (WLST) feature of Oracle WebLogic Server to manage and monitor domains Use the Oracle WebLogic Server Work Managers feature to optimize scheduled work Deploy Web applications, Enterprise JavaBeans, and Java EE modules Improve scalability and reliability using Oracle WebLogic Server clusters Monitor servers, tune the Java Virtual Machine, maximize throughput, and optimize performance Authenticate, authorize, and map users within defined security realms*

## ORACLE WEBLOGIC SERVER 12C ADVANCED ADMINISTRATION COOKBOOK

**Packt Publishing Ltd** *Using real life problems and simple solutions this book will make any issue seem small. WebLogic Server books can be a bit dry but Dalton keeps the tone light and ensures no matter how complex the problem you always feel like you have someone right there with you helping you along. This book is ideal for those who know the basics of WebLogic but want to dive deeper and get to grips with more advanced topics. So if you are a datacenter operator, system administrator or even a Java developer this book could be exactly what you are looking for to take you one step further with Oracle WebLogic Serv.*

## PROFESSIONAL ORACLE WEBLOGIC SERVER

**John Wiley & Sons** *Authoritative guide to Oracle WebLogic Server-from Oracle insiders If you're an experienced Java developer who wants to expand your skills, Professional Oracle WebLogic Server is the perfect guide for you. This book is written by a top-notch author team that that includes one of the lead architects from Oracle's Fusion Middleware Development Architects team. Follow their best practices, workarounds, and sound techniques and confidently develop even the most mission-critical applications with WebLogic Server. This book fully covers WebLogic Server 11g, including the new features of both JEE 5 and WebLogic Server, as well as JEE 5 annotations, Spring, JPA, JAX-WS, JMS Store-And-Forward, SAML support, and the WLST administrative scripting tool. This book is the authoritative guide to Choosing a Web application architecture Best practices for development and production environments Designing an Java EE application Building Enterprise JavaBeans in WebLogic Server Building an EJB application Packaging and deploying WebLogic web applications Developing and deploying web services Using WebLogic JMS Using WebLogic security Administering and deploying applications in WebLogic Server Optimizing WebLogic Server performance*

## ORACLE FUSION MIDDLEWARE 11G

## WEBLOGIC & BI SERVER ARCHITECTURE & INSTALLATION

*This textbook will assist you in learning and using one of the most exciting software environments available today, namely the Oracle BI Enterprise Edition data analytics suite and the Oracle Fusion Middleware WebLogic Server. Within this textbook you will learn: About the architecture and internal components of the Oracle Business Intelligence (BI) Enterprise Edition (EE) data analytics suite (OBIEE); Important concepts regarding the Oracle WebLogic Server application server middleware platform, the platform to which the Oracle BI suite is deployed; This textbook will guide you through the process of creating an installation of Oracle BI and the WebLogic Server on either a Linux/Unix or an MS Windows host system. Using this workshop setup, you will be able to complete the exercises presented in the other textbooks from the Sideris Oracle Fusion Middleware curriculum. And of course, having a working Enterprise Edition of the Oracle BI suite will also allow you to begin real-world production work for your organization; You will receive an introduction to administration of the Oracle WebLogic Server, the Oracle BI Server and Oracle BI Presentation Services; How to manage analytic content created by users and stored within the Oracle BI Presentation Catalog. Topics include managing permissions, private folders, shared folders, and archiving objects for use in other BI installations; How to access and use administration tools to perform basic BI management tasks. Such tools include the Oracle WebLogic Server Administration Console, the Oracle Enterprise Manager with the Fusion Middleware Control, the Oracle BI Administration tool and the Oracle BI Catalog Manager. You will learn how to add new BI*

*users as well as manage their privileges.*

## ORACLE WEBLOGIC SERVER 12C ADMINISTRATION HANDBOOK

**McGraw Hill Professional** *Best Practices for Oracle WebLogic Server 12c Configuration and Administration Maintain a high-performance enterprise application framework using the detailed information in this authoritative resource. Through expert instruction and real-world examples, Oracle WebLogic Server 12c Administration Handbook fully explains the latest management tools and techniques. Learn how to work from the Oracle WebLogic Server Administration Console or command line, configure servers and clusters, deploy applications, and optimize application performance. Tuning, troubleshooting, and load balancing are thoroughly covered in this Oracle Press guide. Install Oracle WebLogic Server 12c or perform an upgrade Manage domains, server instances, networks, and virtual hosts Work with the WebLogic Scripting Tool feature and Node Manager Build custom network channels and resource adapters Monitor performance with the WebLogic Diagnostics Framework feature Prioritize requests using Oracle WebLogic Server Work Managers Configure Oracle WebLogic clusters and migrate servers and services Deploy web applications, Enterprise JavaBeans, and Java EE modules Establish security realms and authenticate and authorize users Allocate memory, optimize throughput, and tune the Java Virtual Machine*

## ORACLE WEBLOGIC SERVER 11GR1 PS2

## ADMINISTRATION ESSENTIALS

**Packt Publishing Ltd** *Install, configure, and deploy Java EE applications with Oracle WebLogic Server using the Administration Console and command line using this book and eBook.*

## ORACLE FUSION MIDDLEWARE 11G ARCHITECTURE AND MANAGEMENT

**McGraw Hill Professional** *Master All Aspects of Oracle Fusion Middleware Management Govern a unified platform for agile, intelligent business applications using the detailed information contained in this Oracle Press book. Oracle Fusion Middleware 11g Architecture and Management explains the entire suite of Oracle Fusion Middleware components and lays out core use cases, best practices, and step-by-step administrative instructions. Discover how to provision servers and clusters, configure Web services, manage portals, and optimize the performance of the full stack of Oracle Fusion Middleware components. Monitoring, diagnosing, and security are also covered in this definitive resource. Understand key architectural concepts behind Oracle Fusion Middleware 11g*

*Create and deploy Oracle WebLogic Server domains and clusters Set up and manage applications built using Oracle Application Development Framework Maximize the value of your Oracle SOA Suite environments Manage portals and Enterprise 2.0 services from Oracle WebCenter Secure deployments with Oracle Platform Security Services and Oracle Identity Management Understand Oracle Exalogic and Oracle Virtual Assembly Builder*

## ORACLE SOA SUITE 12C ADMINISTRATOR'S GUIDE

**Packt Publishing Ltd** *A guide to everything an Oracle SOA Suite 12c administrator needs to hit the ground running About This Book Understand core administrative tasks such as deployments, purging, startup and shutdown, configuration, and backup and recovery Manage, monitor, and troubleshoot SOA composites and OSB services Follow step-by-step instructions to easily and quickly install a highly available two-node cluster Who This Book Is For With topic areas ranging from the simple to the complex, this book is intended for novice, mid-level, and experienced administrators of the Oracle SOA Suite 12c platform as well as Oracle WebLogic Server and Oracle Database administrators interested in diving into the product. What You Will Learn Navigate Oracle Enterprise Manager Fusion Middleware Control Monitor and manage the Oracle SOA Suite 12 c infrastructure Deploy and promote code Monitor and manage services Configure and administer the environment Manage the dehydration store and enterprise scheduler service Troubleshoot Oracle SOA Suite 12c infrastructure Set up backups, recovery, and high availability In Detail Oracle SOA Suite 12 c is the most comprehensive and integrated infrastructure on the market today that is used for building applications based on service-oriented architecture. With the vast number of features and capabilities that Oracle SOA Suite 12c has to offer comes numerous complexities and challenges for administration. Oracle SOA Suite 12c Administrator's Guide covers all the core areas of administration needed for you to effectively manage and monitor the Oracle SOA Suite environment and its transactions, from deployments, to monitoring, to performance tuning, and much, much more. Manage, monitor, and troubleshoot SOA composites and OSB services from a single product set. Understand core administrative activities such as deployments, purging, startup and shutdown, configuration, backup, and recovery. Also learn about new features such as Oracle Enterprise Scheduler, lazy loading, work manager groups, high availability, and more. Style and approach Presented in a reference guide format where chapters can be read in any sequence, this book explains the core concepts while providing real-world implementation specifics, detailing the what, why, and how of all the administration-related activities that involve Oracle SOA Suite 12c. We take a step-by-step approach and offers tips, instructions, and examples that you can easily follow and execute.*

## GETTING STARTED WITH ORACLE WEBLOGIC SERVER 12C: DEVELOPER'S GUIDE

**Packt Publishing Ltd** *Getting Started with Oracle WebLogic Server 12c is a fast-paced and feature-packed book, designed to get you working with Java EE 6, JDK 7 and Oracle WebLogic Server 12c straight away, so start developing your own applications.Getting Started with Oracle WebLogic Server 12c: Developer's Guide is written for developers who are just getting started, or who have some experience, with Java EE who want to learn how to develop for and use Oracle WebLogic Server. Getting Started with Oracle WebLogic Server 12c: Developer's Guide also provides a great overview of the updated features of the 12c release, and how it integrates Java EE 6 and JDK 7 to remove boilerplate code.*

## EJB 3.0 DATABASE PERSISTENCE WITH ORACLE FUSION MIDDLEWARE 11G

**Packt Publishing Ltd** *A complete guide to building EJB 3.0 database persistent applications with Oracle Fusion Middleware 11g tools with this book and eBook.*

## PRO ORACLE FUSION APPLICATIONS

## INSTALLATION AND ADMINISTRATION

**Apress** *Pro Oracle Fusion Applications is your one-stop source for help with installing Oracle's Fusion Applications suite in your on-premise environment. It also aids in the monitoring and ongoing administration of your Fusion environment. Author Tushar Thakker is widely known for his writings and expertise on Oracle Fusion Applications, and now he brings his accumulated wisdom to you in the form of this convenient handbook. Provisioning an Oracle Fusion Applications infrastructure is a daunting task. You'll have to plan a suitable topology and install the required database, an enterprise-wide identity management solution, and the applications themselves—all while working with a wide variety of people who may not always be accustomed to working together. Pro Oracle Fusion Applications provides a path to success that you won't want to be without. Beyond installation, Pro Oracle Fusion Applications provides excellent guidance on managing, monitoring, diagnostics, and troubleshooting your environment. The book also covers patching, a mundane but essential task that must be done regularly to keep your installation protected and running smoothly. The comprehensive and wide-ranging coverage makes Pro Oracle Fusion Applications an important book for anyone with responsibility for installation and ongoing management of an Oracle Fusion Applications installation.*

## ORACLE FUSION MIDDLEWARE 11G

## WEBLOGIC & BI SERVER ARCHITECTURE & INSTALLATION

*This textbook will assist you in learning and using one of the most exciting software environments available today, namely the Oracle BI Enterprise Edition data analytics suite and the Oracle Fusion Middleware WebLogic Server. Within this textbook you will learn: About the architecture and internal components of the Oracle Business Intelligence (BI) Enterprise Edition (EE) data analytics suite (OBIEE); Important concepts regarding the Oracle WebLogic Server application server middleware platform, the platform to which the Oracle BI suite is deployed; This textbook will guide you through the process of creating an installation of Oracle BI and the WebLogic Server on either a Linux/Unix or an MS Windows host system. Using this workshop setup, you will be able to complete the exercises presented in the other textbooks from the Sideris Oracle Fusion Middleware curriculum. And of course, having a working Enterprise Edition of the Oracle BI suite will also allow you to begin real-world production work for your organization; You will receive an introduction to administration of the Oracle WebLogic Server, the Oracle BI Server and Oracle BI Presentation Services; How to manage analytic content created by users and stored within the Oracle BI Presentation Catalog. Topics include managing permissions, private folders, shared folders, and archiving objects for use in other BI installations; How to access and use administration tools to perform basic BI management tasks. Such tools include the Oracle WebLogic Server Administration Console, the Oracle Enterprise Manager with the Fusion Middleware Control, the Oracle BI Administration tool and the Oracle BI Catalog Manager. You will learn how to add new BI users as well as manage their privileges.*

## ORACLE WEBLOGIC 12C - DISTINCTIVE RECIPES

## ARCHITECTURE, DEVELOPMENT AND ADMINISTRATION

**Munz & More** *"[An] anthology of best practice in administrating WebLogic 12c, large-scale deployments, performance-tuning tools, the merged JVM, node manager, using JMX with your own applications, stuck threads, JDBC myths, effectively detecting memory leaks, Java EE examples, Oracle Fusion Middleware and WebLogic in the Could without the hype"--Page 4 of cover.*

## ORACLE EXALOGIC ELASTIC CLOUD HANDBOOK

**McGraw Hill Professional** *Achieve Extreme Application Performance for a Private Cloud with Oracle Exalogic Elastic Cloud Transition to a private cloud computing infrastructure and achieve unmatched levels of performance with help from this Oracle Press guide.*

*Oracle Exalogic Elastic Cloud Handbook shows you how to plan, implement, and maintain a private cloud. Find out how to set up components, deploy Java applications, maximize redundancy and throughput, and migrate legacy workloads. Examples, screenshots, and diagrams are included throughout this comprehensive resource. Configure Oracle Exalogic Elastic Cloud nodes and racks Optimize Java EE application performance on Oracle WebLogic Server Provision and administer a highly scalable private cloud Build, debug, and manage custom Java applications Secure, monitor, and tune using Oracle Enterprise Manager Leverage capabilities from Oracle Fusion Middleware Consolidate Oracle and third-party application workloads*

## ORACLE BUSINESS INTELLIGENCE ENTERPRISE EDITION 12C

**Packt Publishing Ltd** *A comprehensive guide from Oracle experts, that will act as your single point of reference for building an Oracle BI 12c system that turns data in actionable insight. About This Book Come, start your first Oracle Business intelligence system and excel in BI with this exhaustive guide An all-encompassing guide for your Oracle business intelligence needs Learn from the self-paced professional guidance and implement Oracle business intelligence using this easy-to-follow guide by our experts Who This Book Is For If your job includes working on data, improving the financial or operational performance of your organization or you are a consultant for the above, then this book is for you. If you have been placed on a business intelligence project, then this book is for you. If you are the Project Manager, Business Analyst or Data Scientist then this book is for you. If you are an end user of Oracle Business Intelligence, then this book is for you too. Having a basic understanding of databases and the use of Business Intelligence is expected, but no knowledge of Oracle BI is required. What You Will Learn Install OBIEE in Windows, including how to create the underlying Weblogic Application server and the required database Build the BI system repository, the vital engine connecting your data to the front end of Oracle BI Develop effective analysis, draw out meaning from the data, and present it to end users on interactive dashboards Build pixel-perfect, printable reports using the embedded BI Publisher feature Build agents for actionable insight and enable your users to act on Business Intelligence at their desktop or on the move Understand the various aspects of securing the Oracle BI system, from data restrictions to whole dashboard access rights Get acquainted with the system management tools and methods available for the continuous improvement of your system In Detail Oracle Business Intelligence Enterprise Edition (OBIEE) 12c is packed full of features and has a fresh approach to information presentation, system management, and security. OBIEE can help any organization to understand its data, to make useful information from data, and to ensure decision-making is supported by facts. OBIEE can focus on information that needs action, alerting users when conditions are met. OBIEE can be used for data analysis, form production, dashoarding, and workflow processes. We will introduce you to OBIEE features and provide a step-by-step guide to build a complete system from scratch. With this guide, you will be equipped with a good basic understanding of what the product contains, how to install and configure it, and how to create effective Business Intelligence. This book contains the necessary*

*information for a beginner to create a high-performance OBIEE 12c system. This book is also a guide that explains how to use an existing OBIEE 12c system, and shows end users how to create. Style and approach This book will take you from one feature to another in a step-by-step manner and will teach how you can create effective business intelligence using Oracle Business Intelligence Enterprise Edition. You will be taught how to create BI solutions and dashboards from scratch. There will be multiple modules in the book, each module spread in chapters, that will cover one aspect of business intelligence in a systematic manner.*

## ORACLE SERVICE BUS 11G DEVELOPMENT COOKBOOK

**Packt Publishing Ltd** *This cookbook is full of immediately useable recipes showing you how to develop service and message-oriented (integration) applications on the Oracle Service Bus. In addition to its cookbook style, which ensures the solutions are presented in a clear step-by-step manner, the explanations go into great detail, which makes it good learning material for everyone who has experience in OSB and wants to improve. Most of the recipes are designed in such a way that each recipe is presented as a separate, standalone entity and reading of prior recipes is not required. The finished solution of each recipe is also made available electronically. If you are an intermediate SOA developer who is using Oracle Service Bus to develop service and message-orientated applications on the Oracle Service Bus, then this book is for you. This book assumes that you have a working knowledge of fundamental SOA concepts and Oracle Service Bus.*

## ADVANCED WEB SERVICES

**Springer Science & Business Media** *Web services and Service-Oriented Computing (SOC) have become thriving areas of academic research, joint university/industry research projects, and novel IT products on the market. SOC is the computing paradigm that uses Web services as building blocks for the engineering of composite, distributed applications out of the reusable application logic encapsulated by Web services. Web services could be considered the best-known and most standardized technology in use today for distributed computing over the Internet. This book is the second installment of a two-book collection covering the state-of-the-art of both theoretical and practical aspects of Web services and SOC research and deployments. Advanced Web Services specifically focuses on advanced topics of Web services and SOC and covers topics including Web services transactions, security and trust, Web service management, real-world case studies, and novel perspectives and future directions. The editors present foundational topics in the first book of the collection, Web Services Foundations (Springer, 2013). Together, both books comprise approximately 1400 pages and are the result of an enormous community effort that involved more than 100 authors, comprising the world's leading experts in this field.*

## ORACLE SOA BPEL PROCESS MANAGER 11GR1 – A HANDS-ON TUTORIAL

**Packt Publishing Ltd** *This hands-on, example-driven guide is a practical getting started tutorial with plenty of step-by-step instructions for beginner to intermediate level readers working with BPEL PM in Oracle SOA SuiteWritten for SOA developers, administrators, architects, and engineers who want to get started with Oracle BPEL PM 11g. No previous experience with BPEL PM is required, but an understanding of SOA and web services is assumed*

## ORACLE WEBLOGIC SERVER 11GR1 PS2

## ADMINISTRATION ESSENTIALS

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## ORACLE WEB SERVICES MANAGER

**Packt Publishing Ltd** *Securing your Web Services*

## MIDDLEWARE AND CLOUD COMPUTING

## ORACLE FUSION MIDDLEWARE ON AMAZON WEB SERVICES AND RACKSPACE CLOUD

*Munz, an independent IT professional, explains why running Oracle WebLogic Server and Fusion Middleware in the cloud is often easier, sometimes cheaper, and typically more reliable than in one's own data center.*

## PRACTICAL ORACLE E-BUSINESS SUITE

## AN IMPLEMENTATION AND MANAGEMENT GUIDE

**Apress** *Learn to build and implement a robust Oracle E-Business Suite system using the new release, EBS 12.2. This hands-on, real-world guide explains the rationale for using an Oracle E-Business Suite environment in a business enterprise and covers the major technology stack changes from EBS version 11i through R12.2. You will learn to build up an EBS environment from a simple single-node installation to a complex multi-node high available setup. Practical Oracle E-Business Suite focuses on release R12.2, but key*

*areas in R12.1 are also covered wherever necessary. Detailed instructions are provided for the installation of EBS R12.2 in single and multi-node configurations, the logic and methodology used in EBS patching, and cloning of EBS single-node and complex multi-node environments configured with RAC. This book also provides information on FMW used in EBS 12.2, as well as performance tuning and EBS 12.2 on engineered system implementations. What You Will Learn:/bbr/pdivp/pulliUnderstand Oracle EBS software and the underlying technology stack componentsbr/liliInstall/configure Oracle E-Business Suite R12.2 in simple and HA complex setupsbr/liliManage Oracle EBS 12.2br/liliUse online patching (adop) for Installation of Oracle EBS patchesbr/liliClone an EBS environment in simple and complex configurationsbr/liliPerform and tune Oracle EBS in all layers (Application/DB/OS/NW)br/liliSecure E-Business Suite R12.2br/li/ul/divbrbWho This Book Is For:/bp/pp/pp/pp/pp/p Developers, data architects, and data scientists looking to integrate the most successful big data open stack architecture and how to choose the correct technology in every layer*

## ORACLE WEBLOGIC SERVER 12C ADVANCED ADMINISTRATION COOKBOOK

**CreateSpace** *If you want to extend your capabilities in administering Oracle WebLogic Server, this is the helping hand you've been looking for. With 70 recipes covering both basic and advanced topics, it will provide a new level of expertise. Overview Learn how to set a WebLogic environment with stability, high availability and performance Premature optmization is the root of all evil. Configure and tune only what really matters. Understand what are you doing and why. Every recipe covers the theory behind the practice. In Detail Oracle WebLogic Server is the core application server product of the Oracle Fusion Middleware platform. It is the premier application server for enterprise applications and has now been updated to 12C. If your company or client uses Oracle technology then you must know how to administer the Oracle WebLogic Server Oracle WebLogic Server 12c Advanced Administration Cookbook guides you through 70 recipes covering from the basics of WebLogic 12c installation, and passing through JDBC, JMS, cluster configuration and tuning. The book covers the day-by-day tasks of a WebLogic Administrator, enhanced with a lot of tips to build a WebLogic production environment focused on stability, high availability and performance. The best place to start with any book is at the beginning so the first thing that is covered is the basics. This quick refresher should get you back up to speed with WebLogic server and get you in the right frame of mind to get stuck into the more complex techniques. Each chapter then covers a specific topic with complex solutions simplified and explained. This is not only a book that guides you through complex techniques but also ensure you have a solid understanding of the theory behind the techniques. We dive into high availability clusters, configuring JMS and JDBC, and then moving on to more general WebLogic Server aspects. Monitor, troubleshoot, and tune the performance of your WebLogic server with time tested solutions. If you want to take your WebLogic server to the next level of performance and security or simply just want to be more in control this book is full of solutions that will allow you to achieve that aim. What you will learn from this book Install, create and configure WebLogic Server Configure an Administration Server with high availability Create and configure JDBC data*

*sources, multi data sources and gridlink data sources Tune the multi data source to survive database failures Setup JMS distributed queues Use WLDF to send threshold notifications Configure WebLogic Server for stability and resilience Approach Using real life problems and simple solutions this book will make any issue seem small. WebLogic Server books can be a bit dry but Dalton keeps the tone light and ensures no matter how complex the problem you always feel like you have someone right there with you helping you along. Who this book is written for This book is ideal for those who know the basics of WebLogic but want to dive deeper and get to grips with more advanced topics. So if you are a datacenter operator, system administrator or even a Java developer this book could be exactly what you are looking for to take you one step further with Oracle WebLogic Server.*

## MANAGING ORACLE FUSION APPLICATIONS

**McGraw Hill Professional** *Master Oracle Fusion Applications Administer a fully integrated application management framework across your enterprise using the detailed information contained in this Oracle Press guide. Managing Oracle Fusion Applications first explains key principles and then logically groups utilities into practical, ready-to-use toolboxes. Learn how to build lifecycle models, deliver dynamic business intelligence, optimize performance, mitigate risk, and integrate the latest Web 2.0 and social networking features. Compliance, security, and testing techniques are also covered in this comprehensive resource. Understand the components and architecture of Oracle Fusion Applications Plan, develop, and implement an effective application management plan Resolve reliability issues with Oracle Enterprise Manager Configure and deploy applications from the Oracle WebLogic Server Administration Console Adjust run-time parameters using Java Management Extensions and MBeans Generate and distribute reports using Oracle Business Intelligence 11g Establish solid user authentication, access control, and data protection policies Work with Oracle Fusion Governance, Risk, and Compliance Intelligence*

## WILDFLY ADMINISTRATION GUIDE

**Lulu.com** *JBoss Application server is the most popular open source Java application server, renamed from this release and on as WildFly. This book covers all details on administration and management aspect of this new version of the application server. Focusing exclusively on the management instruments of the application server, the book takes you through all of the latest architectural and performance changes. You'll progress from basic server configuration to more advanced techniques for clustering, JDBC connectivity, logging, and much more. What you will learn from this book: - How to install the application server on Windows and Unix/Linux systems including details for installing it as a service - Steps for packaging and deploying web applications - Configuring the services stack, including the new Undertow Web subsystem - Deploying Wildfly 8 with the Apache Web server and mod_cluster - Monitoring*

*Wildfly 8 servers in realtime - Secure applications and encrypt their communication*

## ORACLE FUSION APPLICATIONS DEVELOPMENT AND EXTENSIBILITY HANDBOOK

**McGraw Hill Professional** *Master Oracle Fusion Applications Design and Personalization Deliver highly adaptable business applications that bolster productivity and drive informed decision-making. Oracle Fusion Applications Development and Extensibility Handbook contains best practices, real-world case studies, and technical deep dives. Discover how to manage design- and run-time customizations, extend existing UIs and build new ones, secure your applications, and integrate with other systems. This Oracle Press guide offers complete coverage of the latest cloud and SOA-based features. Explore Oracle Fusion Applications components and architecture Plan, develop, debug, and deploy customizations Extend out-of-the-box functionality with Oracle JDeveloper Modify web applications using Oracle Composer Incorporate Oracle SOA Suite 11g composites Validate code through sandboxes and test environments Secure data using authorization, authentication, and encryption Design and distribute personalized BI reports Automate jobs with Oracle Enterprise Scheduler Change appearance and branding of your applications with the Oracle ADF Skin Editor Extend and customize CRM with Application Composer*

## ORACLE WEBLOGIC SERVER 12C ADMINISTRATION HANDBOOK

**McGraw-Hill Education** *Best Practices for Oracle WebLogic Server 12c Configuration and Administration Maintain a high-performance enterprise application framework using the detailed information in this authoritative resource. Through expert instruction and real-world examples, Oracle WebLogic Server 12c Administration Handbook fully explains the latest management tools and techniques. Learn how to work from the Oracle WebLogic Server Administration Console or command line, configure servers and clusters, deploy applications, and optimize application performance. Tuning, troubleshooting, and load balancing are thoroughly covered in this Oracle Press guide. Install Oracle WebLogic Server 12c or perform an upgrade Manage domains, server instances, networks, and virtual hosts Work with the WebLogic Scripting Tool feature and Node Manager Build custom network channels and resource adapters Monitor performance with the WebLogic Diagnostics Framework feature Prioritize requests using Oracle WebLogic Server Work Managers Configure Oracle WebLogic clusters and migrate servers and services Deploy web applications, Enterprise JavaBeans, and Java EE modules Establish security realms and authenticate and authorize users Allocate memory, optimize throughput, and tune the Java Virtual Machine*

## MIDDLEWARE ARCHITECTURE

**BoD – Books on Demand** *Middleware refers to the intermediate software layer that bridges the gap between the heterogeneous hardware platforms and the backend applications requirements. It allows providing common services and programming abstractions and hiding the low-level management of the connected hardware. With the recent advances in distributed systems and enabling technologies, such as RFID, WSNs, IoT, IoE, cloud computing, context-aware pervasive computing, ubiquitous computing, etc., middleware design and development has become a necessity, taking increasing importance. This book provides a comprehensive overview of the different design patterns and reference models used in middleware architectures in general, followed by a description of specific middleware architectures dedicated to the use of the different emerging technologies, such as IoT, cloud computing, IEEE 802.11, etc. This book intends therefore to bring together in one place up-to-date contributions and remaining challenges in this fast-moving research area for the benefit of middleware systems' designers and applications developers.*

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**Apress** *Enterprise Manager 12c (EM12c), Oracle's newest and fully-integrated enterprise management product, now provides a complete cloud lifecycle management solution and enterprise environment management interface. Expert Oracle Enterprise Manager 12c opens up the secrets of this incredible management tool, saving you time while enhancing your visibility as someone management can rely upon to deliver reliable database service in today's increasingly chaotic and change-driven IT environment. Expert Oracle Enterprise Manager 12c covers all the topics you demand and need to function effectively, from basic monitoring and configuration to advanced metric extensions and plugins. Real-life scenarios and demonstrations place you in the comfort zone of using the EM12c console, and the experienced author team provides deep understanding of the inner workings of this new Enterprise Manager. Database administrators and system administrators are expected to offer increasing levels of service for 24X7 systems and newer cloud environments. Em12c offers robust, end-to-end intelligent management of the complete environment. It includes direct, real-time integration with Oracle's online knowledgebase. Expert Oracle Enterprise Manager 12c helps you master this important tool and manage any challenge that comes your way. Provides example solutions to everyday problems through EM12c features. Explains the changes in EM12c, included trusted extensions. Focuses on advanced aspects of the EM12c interface.*

## ORACLE ENTERPRISE MANAGER CLOUD CONTROL 12C

## MANAGING DATA CENTER CHAOS

**Packt Publishing Ltd** *This book is a practical step-by-step tutorial with screenshots for carrying out tasks showing you how to manage and administer your data center with Oracle Enterprise Manager. It is packed with best practices and tips that will help you benefit from the author's extensive experience of working with Oracle Enterprise Manager since at least a decade, and combined with his 25+ years IT industry experience. If you are a Data Center, IT or Database Team manager who wants to take advantage of the automation and compliance benefits of Enterprise Manager 12c Cloud Control, then Oracle Enterprise Mana.*

## UNDERSTANDING CLONING

**Grand Central Publishing** *Drawn from the pages of Scientific American and collected here for the first time, this work contains updated and condensed information, made accessible to a general popular science audience, on the subject of cloning.*

## ORACLE ESSENTIALS

**O'Reilly Media, Incorporated** *Written by experienced Oracle insiders, this essential guide distills a vast amount of information into an easy-to-read volume that covers every aspect of the Oracle database. Readers of all technical levels will learn about Oracle's features and technologies, including the product line, architecture, data structures, networking, concurrency, tuning and much more. Augmented with illustrations and helpful hints, the fifth edition of Oracle Essentials offers a valuable one-stop overview of Oracle Database 12c, Oracle's newest database release. More comprehensible than huge complete references, and more detailed than most primers, this book gives current Oracle users the conceptual background they need to understand how the Oracle database truly works. For those new to Oracle, this all-in-one guide provides an essential introduction that will get them up to speed.*

## ORACLE E-BUSINESS SUITE 12.2.4 INSTALLATION AND UPGRADE ON IBM POWER S824

**IBM Redbooks** *This IBM® RedpaperTM publication provides the details for setting up an environment on AIX 7.1 on an IBM Power Systems S824 so you can install and upgrade Oracle E-Business Suite Release 12.2. It provides a step-by-step installation of Oracle E-Business Suite Release 12.2 for AIX 7.1. This document also provides a consolidated list of database and application tier patches to upgrade Oracle E-Business Suite from release 12.2.0 to 12.2.4, and explains how to apply patches. This document is written for those who are newly installing Oracle E-Business Suite Release 12.2 version 12.2.0 and upgrading to 12.2.4 on an IBM Power SystemsTM server with AIX® 7.1. It provides a sample two-tier installation of Oracle E-Business Suite Release 12.2 version 12.2.0 on two AIX*

*logical partitions and steps for upgrading to version 12.2.4. The sample installation of Oracle EBusiness Suite Release 12.2 version 12.2.0 and upgrade to 12.2.4 also proves their interoperability with IBM Power Systems servers with POWER8TM processor technology. This document assumes that the reader has an in-depth knowledge of IBM AIX, Oracle Database 11g, and Oracle E-Business Suite.*

## ADVANCED WEBLOGIC SERVER AUTOMATION: ADMINISTRATION AND MONITORING WITH WLST AND JMX

**Rampant Techpress** *All production environments need automated, auditable, and reproducible processes. This book discusses how to automate all aspects of WebLogic, an essential prerequisite for all production environments. The WebLogic Server platform is recognized as one of the leading J2EE application servers and is the foundation of the Fusion Middleware platform. It is well suited for a variety of different application architectures including modern grid and cloud infrastructures. A large number of WebLogic installations from a single server to thousands of servers exist all over the world. Complex environments may consist of hundreds of domains and thousands of managed-servers. It is impossible for an administrator group to maintain all those servers with manual tasks or the web console. This book is written based on 15+ years of experience with many real architecture and consultancy assignments, and includes tips based on lessons learned from real project experience. Its main focus is to teach readers who are already familiar with WebLogic how to use the powerful automation APIs to operate WebLogic in small to very complex environments. This book includes many practical examples that can be easily adapted to the reader's needs. This book does not use the WebLogic GUI nor talk about J2EE programming; it focuses on automation only. A comprehensive code download of powerful WLST and JMX scripts is also provided.*

## ORACLE WEBLOGIC SERVER 12C: DISTINCTIVE RECIPES: ARCHITECTURE, DEVELOPMENT AND ADMINISTRATION

**Munz & More Publishing** *Imagine you need to know about a problem with your car's engine. You could plough through the 1000-page manual. Or you could chat to the mechanic over a cup of coffee. That's WebLogic 12c Advanced Recipes. It's WebLogic for software architects, administrators and developers. For people like you who know quite a bit about WebLogic. What you don't want is the typical 'recipe book' full of screenshots. Click here. Click there. Do this. Do that. That's WebLogic by numbers. What you really want are the things you won't find in the manual, like recommendations, discussions, best practices, deployable projects, webcast videos and directions on when to use a feature - and when not to. With all this and more, this book is the perfect complement to official courses and manuals. In short, this gem of a book is almost as good as attending one of Frank's renowned workshops. This new*

*book is an anthology of best practice in administrating WebLogic, large-scale deployments, performance-tuning biggest mistakes, perfomance tuning tools, the merged JVM, node manager, using JMX with your own applications, stuck threads, JDBC myths, effectively detecting memory leaks, Java EE examples (deployments and NetBeans projects), Oracle Fusion Middleware (Service Bus, SOA Suite etc.) and WebLogic in the Cloud "without the hype." The significantly improved and expanded second edition is based on WebLogic 12.1.2 and contains more than 130 additional pages, half a dozen new webcasts and more than 16 new or rewritten recipes. Additional Content of Second Edition: OUI installer, OPatch, Certification, Requirements and Compatibility, per Domain Node Manager, Server Templates, Cluster Targeted JMS, Dynamic Clustering, Oracle Java Cloud Service. Contents of First Edition: A la Carte- Why WebLogic 12c? - JDK / JVM - Oracle JDK 7 - Installation - Domains and Directories - Sizing and Defining Domains - Users and Groups - Start Scripts - Startup Mode: Development or Production? - WebLogic Features in Different Versions - JMX - Why it matters - WebLogic Scripting Tool (WLST) - JMX Shell j4psh- JConsole - WebLogic 12c RESTful Management- RESTful Management with Jolokia- RESTful URLs for Jolokia Grab Bag - Configuration Management - boot.properties and SerializedSystemIni.dat - Encrypting and Hacking Passwords - Connection Filter and Logging - Stuck Threads - Deployment - Redeployment Loop Testing - Node Manager Basics- Node Manager Best Practices- JDBC Pinned to Thread - JDBC or File Persistent Stores - JMS Distributed Destinations - JMS Quotas Increase Performance- Enable Distributed Transactions- Emulated 2-PC? Logging Last Resource! - Load Balancing and Web Servers - Content Distribution Networks - Open Source HAProxy Load Balancer - WebLogic Cluster - Service and Whole-Server Migration - JTA Service- Overload Protection- Install and Configure NetBeans - Simple JMX: MBeans with Spring - MXBeans with Java EE - Simple Web Service - Stateless Session Bean in Two Minutes - EJB Timer - Performance Tuning: Basics & Worst Mistakes- DaCapo Benchmark from the Beginning- Detecting High-CPU Java Threads- What is listening? lsof- Memory Leaks Basics- Track Down a Memory Leak - Grinder Load / Performance Tool- BadBoy- Apache JMeter- Precompile, How it is Really Done - Service Oriented Architecture - Oracle Fusion Middleware - Oracle Service Bus- Oracle SOA Suite - Oracle Service Repository - Oracle Service Registry- Oracle VM VirtualBox - Cloud Essentials - Amazon Web Services Cloud - Oracle Java Cloud Service -*

## ORACLE SOA GOVERNANCE 11G IMPLEMENTATION

**Packt Publishing Ltd** *The book uses a concise and practical approach to take you through all the steps necessary to create, run, and analyze your own Network Simulations.This book is ideal for anyone wishing to quickly get to grips with Network Simulation whether you're an expert in networks or just a beginner. It is perfect for all network engineers and administrators who wish to emulate networks using OMNet++ as a preparation for building the actual network.*

## ORACLE BUSINESS INTELLIGENCE DISCOVERER 11G HANDBOOK

**McGraw Hill Professional** *Master Oracle Business Intelligence Discoverer 11g Provide secure, immediate access to critical business information from relational and multidimensional data sources across your organization. Oracle Business Intelligence Discoverer 11g Handbook shows you how to optimize this intuitive ad hoc query, reporting, analysis, and web publishing tool for maximum performance. Real-world examples illustrate the powerful analysis, security, and reporting capabilities. Enable business users at all levels to make faster, more-informed decisions with help from this Oracle Press guide. Configure and manage Oracle Business Intelligence Discoverer 11g Run functional queries using the Workbook Wizard Add sorts, calculations, percentages, totals, and parameters using Oracle Business Intelligence Discoverer Plus Format queries into well-organized reports with graphs, tables, titles, headers, and footers Perform data analysis--statistical, classification, deviation, trend, and aging Use Oracle Business Intelligence Discoverer Viewer 11g to analyze, format, export, e-mail, and print reports Manage integration with Oracle WebLogic Server Refine existing queries using interactive pivoting, drilling, and hyper-drilling Build effective conditions and refine parameters, calculations, sorting, and percentages Manage access and sharing rights, scheduling privileges, and user preferences Build an end user layer and a business area using Oracle Business Intelligence Discoverer Administrator Use Oracle Enterprise Manager's Fusion Middleware Control feature to manage Oracle Business Intelligence Discoverer settings and preferences Implement powerful analytic functions using templates*

## EXPERIENCES WITH ORACLE DATABASE 12C RELEASE 1 ON LINUX ON SYSTEM Z

**IBM Redbooks** *Oracle Database 12c Release 1 is now supported on Linux on IBM® System z®. This platform offers many advantages to customers who rely upon the IBM mainframe systems to run their businesses. Linux on System z takes advantage of the qualities of service in the System z hardware and in IBM z/VM®, making it a robust industrial strength version of Linux. This provides an excellent platform for hosting Oracle solutions that run in an enterprise. This IBM Redbooks® publication shares experiences that are gained while installing and testing Oracle Database 12c Release 1: Recommendations about how to set up an infrastructure Installing an Oracle Grid Infrastructure Installing Oracle 12C R1 Real Application Clusters (RAC) and creating a RAC Database, including a multitenant database Using the Cloud Control Agent to manage Oracle Database 12c Release 1 Installing Oracle WebLogic Server 12c Upgrading from an Oracle Database from 11gR2 to 12c Release 1 The audience for this publication includes database consultants, installers, administrators, and system programmers. This publication is not meant to replace Oracle documentation, but to supplement it with our experiences while installing and using Oracle products.*

## ORACLE DATA INTEGRATOR 11G COOKBOOK

**Packt Publishing Ltd** *Written as a practical Cookbook, the recipes in this essential guide will help you make the most out of Oracle Data Integrator 11g.This book is meant for people who already possess a basic understanding of Oracle Data Integrator and want to take it to the next level by learning how to better leverage advanced ODI features and functionality as they continue to develop and manage their data integration projects.*