

---

# Oracle Golden Gate Implementation Guide

---

Thank you very much for downloading **Oracle Golden Gate Implementation Guide**. Maybe you have knowledge that, people have look numerous times for their favorite readings like this Oracle Golden Gate Implementation Guide, but end up in infectious downloads.

Rather than enjoying a good book with a cup of coffee in the afternoon, instead they cope with some harmful bugs inside their laptop.

Oracle Golden Gate Implementation Guide is available in our digital library an online access to it is set as public so you can get it instantly.

Our books collection hosts in multiple locations, allowing you to get the most less latency time to download any of our books like this one.

Kindly say, the Oracle Golden Gate Implementation Guide is universally compatible with any devices to read

*Oracle Golden Gate Implementation Guide*

2022-04-26

---

## **DONNA PRANAV**

---

### **Practical Oracle8i IBM Redbooks**

The book is aimed at Oracle database administrators, project managers, and solution architects who wish to extend their knowledge of GoldenGate. The reader is assumed to be familiar with Oracle databases. No knowledge of GoldenGate is required.

**Data Warehousing, Analytics, and Machine Learning at Scale** McGraw Hill Professional Oracle Database 12c running on Linux is available for deployment on IBM® LinuxONE. The enterprise-grade Linux on LinuxONE solution is designed to add value to Oracle Database solutions, including the new functions that are introduced in Oracle Database 12c. In this IBM Redbooks® publication, we explore the IBM and Oracle Alliance and describe how Oracle Database benefits from LinuxONE. We then explain how to set up Linux guests to install Oracle Database 12c. We also describe how to use the Oracle Enterprise Manager Cloud Control Agent to manage Oracle Database 12c Release 1. Additionally, we discuss encryption for Oracle using Oracle Transparent Data Encryption (TDE) on Oracle 12c Release 2. We also describe a successful consolidation project from sizing to migration, performance management topics, and high availability. Finally, we end with a chapter about surrounding Oracle with Open Source software. 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.

### **IBM Business Process Manager V8.5 Performance Tuning and Best Practices** O'Reilly Media

This IBM® Redbooks® publication describes IBM DB2® SQL compatibility features. The latest version of DB2 includes extensive native support for the PL/SQL procedural language, new data types, scalar functions, improved concurrency, built-in packages, OCI, SQLPlus, and more. These features can help with developing applications that run on both DB2 and Oracle and can help simplify the process of moving from Oracle to DB2. In addition, IBM now provides tools to simplify the enablement process, such as the highly scalable IBM Data Movement Tool for moving schema and data into DB2, and an Editor and Profiler for PL/SQL provided by the IBM Data Studio tool suite. This Oracle to DB2 migration guide describes new technology, preferred practices for moving to

DB2, and common scenarios that can help you as you move from Oracle to DB2. This book is intended for IT architects and developers who are converting from Oracle to DB2. DB2 compatibility with Oracle is provided through native support. The new capabilities in DB2 that provide compatibility are implemented at the lowest and most intimate levels of the database kernel, as though they were originally engineered for DB2. means that the DB2 implementation is done without the aid of an emulation layer. This intimacy leads to the scalable implementation that DB2 offers, providing identical performance between DB2 compatibility features and DB2 other language elements. For example, DB2 runs SQL PL at the same performance as PL/SQL implementations of the same function.

### **ODP.NET Developers Guide** IBM Redbooks

Oracle Goldengate 11g Complete Cookbook follows the Cookbook style. Each recipe provides step by step instructions with various examples and scripts. This book provides the necessary information to successfully complete most of the possible administration tasks. Oracle Goldengate 11g Complete Cookbook is aimed at Database Administrators, Architects, and Middleware Administrators who are keen to know more about Oracle Goldengate. Whether you are handling Goldengate environments on a day-to-day basis, or using it just for migration, this book provides the necessary information required to successfully complete your administration tasks. The reader is expected to have some knowledge of Oracle databases.

### **Oracle GoldenGate 11g Handbook** IBM Redbooks

Take a simple approach to learning the Oracle GoldenGate product. This approach provides the in-depth perspective of GoldenGate from an implementer's viewpoint; however, also addresses why the management viewpoint is important as well. Your journey through this book includes and architecture discussion of GoldenGate and the benefits of purchasing GoldenGate from a management perspective. Then the book quickly moves into advanced implementation components associated with GoldenGate. You'll find many use-cases and instructions throughout the book to help with everything from easy to complex GoldenGate implementations. An Oracle GoldenGate implementation generally consists of a group project, involving both business and technical resources. Pro Oracle GoldenGate for the DBA provides the viewpoint from the DBA's vantage point. This approach provides the components of who, what, why, when, and how in defining the implementation and support of a GoldenGate project. The success of most technical projects require

the support of multiple resource groups, and Pro Oracle GoldenGate for the DBA supplies the insight for the DBA member to understand the implementation and support process. Takes you through justification, installation, and support. Provides the DBA perspective toward a successful a result. Covers from basic toward increasingly advanced implementations What You Will Learn Understand the core architecture of data replication using Oracle GoldenGate Implement a one-way setup of a classic capture and an integrated capture and replication Design, architect and implement a multi-master replication model Replicate unsupported data types using tokens Manage and troubleshoot multiple GoldenGate implementations New features of GoldenGate supported in Oracle 12c Who this Book is For Pro Oracle GoldenGate for the DBA is aimed squarely at Oracle database administrators who find themselves involved in GoldenGate integration projects. The book provides the DBA view into such projects, helping database administrators toward successful implementations and solid business results.

*Google BigQuery: The Definitive Guide* Packt Publishing Ltd

A guide to SQL covers such topics as retrieving records, metadata queries, working with strings, data arithmetic, date manipulation, reporting and warehousing, and hierarchical queries.

**Advanced MySQL 8** Rampant Techpress

Today, organizations face tremendous challenges with data explosion and information governance. InfoSphere™ Optim™ solutions solve the data growth problem at the source by managing the enterprise application data. The Optim Data Growth solutions are consistent, scalable solutions that include comprehensive capabilities for managing enterprise application data across applications, databases, operating systems, and hardware platforms. You can align the management of your enterprise application data with your business objectives to improve application service levels, lower costs, and mitigate risk. In this IBM® Redbooks® publication, we describe the IBM InfoSphere Optim Data Growth solutions and a methodology that provides implementation guidance from requirements analysis through deployment and administration planning. We also discuss various implementation topics including system architecture design, sizing, scalability, security, performance, and automation. This book is intended to provide various systems development professionals, Data Solution Architects, Data Administrators, Modelers, Data Analysts, Data Integrators, or anyone who has to analyze or integrate data structures, a broad understanding about IBM InfoSphere Optim Data Growth solutions. By being used in conjunction with the product manuals and online help, this book provides guidance about implementing an optimal solution for managing your enterprise application data.

*SQL Cookbook* Oracle GoldenGate 11g Implementer's Guide

Filled with practical, step-by-step instructions and clear explanations for the most important and useful tasks. Get the job done and learn as you go. A how-To book with practical recipes accompanied with rich screenshots for easy comprehension. This is a Packt Instant How-to guide, which provides concise and clear recipes for performing the core task of replication using Oracle GoldenGate. The book is aimed at DBAs from any of popular RDBMS systems such as Oracle, SQL Server, Teradata, Sybase, and so on. The level of detail provides quick applicability to beginners and a handy review for more advanced administrators.

*Principles of Database Management* John Wiley & Sons

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.

*Oracle Service Bus 11g Development Cookbook* Packt Publishing Ltd

Using real-world examples and hands-on tasks, Oracle Data Guard 11gR2 Administration Beginner's Guide will give you a solid foundation in Oracle Data Guard. It has been designed to teach you everything you need to know to successfully create and operate Data Guard environments with maximum flexibility, compatibility, and effectiveness. If you are an Oracle database administrator who wants to configure and administer Data Guard configurations, then "Oracle Data Guard 11gR2 Administration Beginner's Guide" is for you. With a basic understanding of Oracle database administration, you'll be able to easily follow the book.

**Oracle GoldenGate With Microservices** McGraw Hill Professional

Master Oracle GoldenGate 11g Enable highly available, real-time access to enterprise data in heterogeneous environments. Featuring hands-on workshops, Oracle GoldenGate 11g Handbook shows you how to install, configure, and implement this high-performance application. You'll learn how to replicate data across Oracle databases and other platforms, including MySQL and Microsoft SQL Server, and perform near-zero-downtime migrations and upgrades. Monitoring, performance

tuning, and troubleshooting are also discussed in this Oracle Press guide. Install and configure Oracle GoldenGate Implement Oracle GoldenGate one-way replication Configure multitarget and cascading replication Use bidirectional replication to build a heterogeneous database infrastructure Secure your environment, control and manipulate data, and prevent errors Configure Oracle GoldenGate for Oracle Clusterware and Oracle Real Application Clusters Use Oracle GoldenGate with MySQL and Microsoft SQL Server Perform near-zero-downtime upgrades and migrations Use Oracle GoldenGate Monitor and Oracle GoldenGate Director Ensure data quality with Oracle GoldenGate Veridata Implement nondatabase integration options

Packt Publishing Ltd

A Time 100 Must-Read Book of 2020 • A New York Times Book Review Editors' Choice • California Book Award Silver Medal in Nonfiction • Finalist for The New York Public Library Helen Bernstein Book Award for Excellence in Journalism • Named a top 30 must-read Book of 2020 by the New York Post • Named one of the 10 Best Business Books of 2020 by Fortune • Named A Must-Read Book of 2020 by Apartment Therapy • Runner-Up General Nonfiction: San Francisco Book Festival • A Planetizen Top Urban Planning Book of 2020 • Shortlisted for the Goddard Riverside Stephan Russo Book Prize for Social Justice "Tells the story of housing in all its complexity." —NPR Spacious and affordable homes used to be the hallmark of American prosperity. Today, however, punishing rents and the increasingly prohibitive cost of ownership have turned housing into the foremost symbol of inequality and an economy gone wrong. Nowhere is this more visible than in the San Francisco Bay Area, where fleets of private buses ferry software engineers past the tarp-and-plywood shanties of the homeless. The adage that California is a glimpse of the nation's future has become a cautionary tale. With propulsive storytelling and ground-level reporting, New York Times journalist Conor Dougherty chronicles America's housing crisis from its West Coast epicenter, peeling back the decades of history and economic forces that brought us here and taking readers inside the activist movements that have risen in tandem with housing costs.

**Oracle SOA Suite 12c Administrator's Guide** Apress

This book teaches the basics of Oracle GoldenGate, which is a product that is used to simplify the process of Oracle Database Replication. GoldenGate can be used for reporting, failover, high availability, live reporting, data warehousing, and BigData ETL process, as well as connecting to multiple other data sources outside of Oracle Database such as SQL Server, MySQL, Teradata, PostgreSQL, and many others. The purpose of GoldenGate and its popularity is its ability to make the highly complex architecture of database replication into a much more simplistic task. This book teaches the reader how to use Oracle GoldenGate, from installation to troubleshooting.

**Expert Oracle GoldenGate** Packt Publishing Ltd

Leverage Oracle Database 11g Release 2 High Availability Features Protect your critical business assets and achieve maximum database uptime using the detailed information in this Oracle Press guide. Oracle Database 11g Release 2 High Availability: Maximize Your Availability with Grid Infrastructure, Oracle Real Application Clusters, and Oracle Data Guard, Second Edition provides cost-effective solutions to current availability challenges. Discover how to grid-enable your IT framework, roll out Oracle Real Application Clusters, maintain standby databases, and deploy Oracle Flashback. Monitoring, tuning, and disaster recovery techniques are also covered in this

comprehensive resource. Install Oracle Clusterware (as part of Oracle's grid infrastructure) or upgrade from an earlier version Build test clusters and hosts using Oracle VM Work with Oracle Automatic Storage Management and Oracle Automatic Storage Management Cluster File System Create synchronized standby databases using Oracle Data Guard Reliably archive and restore data with Oracle Recovery Manager Use Oracle Flashback to identify and undo user errors Configure Oracle Enterprise Manager Grid Control for management of an Oracle maximum availability architecture environment

*Mastering Oracle GoldenGate* Apress

This IBM® Redbooks® publication provides performance tuning tips and best practices for IBM Business Process Manager (IBM BPM) V8.5.5 (all editions) and IBM Business Monitor V8.5.5. 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. Such technologies include Service Component Architecture (SCA), Service Data Object (SDO), Business Process Execution Language (BPEL) for web services, and Business Processing Modeling Notation (BPMN). Both IBM Business Process Manager and Business Monitor build on the core capabilities of the IBM WebSphere® Application Server infrastructure. As a result, Business Process Manager solutions benefit from tuning, configuration, and best practices information for WebSphere Application Server and the corresponding platform Java virtual machines (JVMs). This book targets a wide variety of groups, both within IBM (development, services, technical sales, and others) and customers. For customers who are either considering or are in the early stages of implementing a solution incorporating Business Process Manager and Business Monitor, this document proves a useful reference. The book is useful both in terms of best practices during application development and deployment and as a reference for setup, tuning, and configuration information. This book talks about many issues that can influence performance of each product and can serve as a guide for making rational first choices in terms of configuration and performance settings. Similarly, customers who already implemented a solution with these products can use the information presented here to gain insight into how their overall integrated solution performance can be improved.

*Pro Oracle GoldenGate for the DBA* O'Reilly Media

Introductory, theory-practice balanced text teaching the fundamentals of databases to advanced undergraduates or graduate students in information systems or computer science.

Managing Data Center Chaos IBM Redbooks

Work with petabyte-scale datasets while building a collaborative, agile workplace in the process. This practical book is the canonical reference to Google BigQuery, the query engine that lets you conduct interactive analysis of large datasets. BigQuery enables enterprises to efficiently store, query, ingest, and learn from their data in a convenient framework. With this book, you'll examine how to analyze data at scale to derive insights from large datasets efficiently. Valliappa Lakshmanan, tech lead for Google Cloud Platform, and Jordan Tigani, engineering director for the BigQuery team, provide best practices for modern data warehousing within an autoscaled, serverless public cloud. Whether you want to explore parts of BigQuery you're not familiar with or prefer to focus on specific tasks, this reference is indispensable.

Oracle Database 10g Development with Visual Studio 2005 and the Oracle Data Provider for .NET  
"O'Reilly Media, Inc."

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.

*A Hands-On Guide to Data Replication & Integration with Oracle & SQL Server* Packt Publishing Ltd  
A step-by-step guide to practising Oracle GoldenGate High Availability (HA) options, Microservices, and Real-Time downstream techniques  
DESCRIPTION The book starts with a brief introduction about Oracle GoldenGate with Microservices and how to configure high availability using various methods. Oracle GoldenGate Microservices Architecture (MA) is a similar architecture based on REST APIs which enable us to configure, monitor, and manage Oracle GoldenGate services using a web-based user interface. Each module supports a specific business goal and uses a simple, lightweight, and well-defined interface to communicate with other sets of services. Oracle GoldenGate can interact with custom conflict-resolution routines that customers write to satisfy their business rules.  
KEY FEATURES - Understand how and when they're used classic Vs. Microservices - Learn how to use real-time downstream methods based on the environment - Learn how to solve Oracle GoldenGate (OGG) Conflict Detection and Resolution (CDR) in bi-directional, active replication - Learn how to implement high availability for mission-critical systems using Oracle GoldenGate - XAG components - Learn how to set up bi-directional replication between pluggable databases (PDBs) in a multi-tenant environment - Learn how to use differently typed of replicates in pluggable databases (PDBs) in a multi-tenant environment  
WHAT WILL YOU LEARN By the end of the book, you will come across a few case studies about how to use Microservices, Kubernetes, REST APIs in Oracle GoldenGate, and How to monitor Oracle GoldenGate processes in real-time environments. This book also helps how to use various file systems like ACFS, DBFS, and NFS in high availability for Oracle GoldenGate.  
WHO THIS BOOK IS FOR This book is intended for anyone looking for how to set up and configure Uni-directional, Bi-directional replication in mission-critical environments either using classic Oracle GoldenGate OR Oracle GoldenGate with Microservices. This book also helps various methods to implement real-time downstream techniques.  
Table of Contents  
1. Introduction to Oracle

GoldenGate HA - XAG Components  
2. Extract and Replicat in Multitenant Environment  
3. Consolidated and Cascaded Oracle GoldenGate  
4. Introduction to Oracle GoldenGate Methodologies  
5. Introduction to Oracle GoldenGate Utilities  
6. Bi-Directional Replication with Conflict Detection and Resolution (CDR)  
7. Bi-directional Replication with Pluggable Databases (PDBs) in Multitenant Environment  
8. Real-Time Downstream Database with Multiple Scenarios  
9. Oracle GoldenGate Microservices Architecture overview  
10. Managing Oracle GoldenGate and Kubernetes  
11. Automation Recipes Via Rest APIs  
12. Oracle GoldenGate Tuning and Troubleshooting

#### **Golden Gates** Elsevier

Master Oracle GoldenGate technology on multiple database platforms using this step-by-step implementation guide. Learn about advanced features to use in building a robust, high-availability replication system. Provided are detailed illustration of Oracle GoldenGate concepts, GoldenGate tools and add-ons, as well as illustrative examples. The book covers Oracle GoldenGate for Oracle database, and also discusses setup and configuration for other common databases such as IBM DB2, SYBASE ASE, MySQL, and Microsoft SQL Server. The technology landscape is fast-changing, and Mastering Oracle GoldenGate stays current by covering the new features included in Oracle GoldenGate 12c. The book covers both classic capture and integrated capture, as well as delivery. Also covered are Oracle GoldenGate security and performance tuning, to keep your system secure and performing at its best. You will learn to monitor your GoldenGate system using tools that come with Oracle GoldenGate management pack, as well as using shell scripts. Troubleshooting is well-illustrated with examples: Covering Oracle GoldenGate technology across common database brands  
Discussing high-performing and secure replication environments  
Speaking to replication in Big Data and cloud computing environments  
What You Will Learn  
Implement Oracle GoldenGate for real time replication  
Secure and tune your replication environment for high performance  
Administer your Oracle GoldenGate environment  
Learn troubleshooting approaches with help of examples  
Make use of GoldenGate Management Pack and its API Feed live data into Big Data and cloud-based systems  
Who This Book Is For Database professionals who have chosen to ride the Oracle GoldenGate roller coaster for real-time replication solutions. The book is for beginners as well as professionals who are willing to master the leading replication technology in the industry. It is an excellent choice for professionals who are implementing or maintaining Oracle GoldenGate replication environments on any of the major database management system platforms.