

Server A

Source  
Database



Oracle GoldenGate

Manager

Capture

Data  
Pump

Trail Files

OS

Server B

Target  
Database

Oracle GoldenGate

Manager

Collector

Replicat

Trail Files

OS

# Oracle Goldengate 12c Implementers Guide

**John P Jeffries**

## **Oracle Goldengate 12c Implementers Guide:**

**Oracle GoldenGate 12c Implementer's Guide** John P Jeffries,2015-07-27 GoldenGate exchanges data among systems in a timely manner and meets the demand for real time access to information regardless of volume The new release 12c includes an optimized database intelligent and integrated delivery capabilities expanded heterogeneity and tighter security Perform zero downtime data migration to on premise or public cloud with GoldenGate s feature rich portfolio Start with the installation and learn the design concepts and enhanced configuration of GoldenGate 12c Exploit new 12c features to successfully implement GoldenGate on your enterprise Dive deep into configuring GoldenGate for high availability DDL support and reverse processing Build fast secure robust scalable technical solutions by tuning data delivery and networks Finally enrich your data replication knowledge by learning the troubleshooting tips [Oracle Goldengate 12c Implementer's Guide](#) John Parsons Jeffries,2015 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 **Oracle GoldenGate 11g Implementer's Guide** John P. Jeffries,2011-02-22 Design install and configure high performance data replication solutions using Oracle GoldenGate with this book and eBook

**Oracle GoldenGate 11g Implementer's Guide** John P. Jeffries,2011 **Oracle Goldengate 12C Certified**

**Implementation Specialist Certification Prep Guide : 350 Questions & Answers** CloudRoar Consulting Services,2025-08-15 Prepare for the Oracle GoldenGate 12C Certified Implementation Specialist exam with 350 questions and answers covering data replication configuration monitoring performance tuning troubleshooting and integration best practices Each question includes practical examples and explanations to ensure exam readiness Ideal for database administrators and data replication specialists OracleGoldenGate DataReplication Configuration Monitoring PerformanceTuning Troubleshooting Integration ExamPreparation TechCertifications ITCertifications CareerGrowth ProfessionalDevelopment DBASkills OracleDB ITSkills [OCA/OCP Oracle Database 12c All-in-One Exam Guide \(Exams 1Z0-061, 1Z0-062, & 1Z0-063\)](#) John Watson,Roopesh Ramklass,Bob Bryla,2015-08-28 This Oracle Press certification exam guide prepares you for the new Oracle Database 12c certification track including the core requirements for OCA and OCP certification OCA OCP Oracle Database 12c All in One Exam Guide Exams 1Z0 061 1Z0 062 1Z0 063 covers all of the exam objectives on the Installation and Administration SQL Fundamentals and Advanced Administration exams in detail Each chapter includes examples practice questions Inside the Exam sections highlighting key exam topics a chapter summary and a two minute drill to reinforce essential knowledge 300 practice exam questions match the format topics and difficulty of the real exam Electronic content includes interactive practice exam software with hundreds of questions that include detailed answers and explanations and a score report performance assessment tool Ideal as both exam guide and on the job reference The most comprehensive single preparation tool for the Oracle Database 12c OCA and OCP certification

**OCA/OCP Oracle Database 12c All-in-One Exam Guide**

**(Exams 1Z0-061, 1Z0-062, & 1Z0-063)** John Watson,Roopesh Ramklass,Bob Bryla,2015-08-28 This Oracle Press certification exam guide prepares you for the new Oracle Database 12c certification track including the core requirements for OCA and OCP certification OCA OCP Oracle Database 12c All in One Exam Guide Exams 1Z0 061 1Z0 062 1Z0 063 covers all of the exam objectives on the Installation and Administration SQL Fundamentals and Advanced Administration exams in detail Each chapter includes examples practice questions Inside the Exam sections highlighting key exam topics a chapter summary and a two minute drill to reinforce essential knowledge 300 practice exam questions match the format topics and difficulty of the real exam Electronic content includes interactive practice exam software with hundreds of questions that include detailed answers and explanations and a score report performance assessment tool Ideal as both exam guide and on the job reference The most comprehensive single preparation tool for the Oracle Database 12c OCA and OCP certification

exams     [Oracle Goldengate 12c](#) Fawzi Alswaimil,2017-06-02 This book covers Oracle Database 11g Oracle Database 12c MySQL and Microsoft SQL Server It includes related Oracle Database features for readers trying to prototype or implement Oracle GoldenGate What you will learn from the book Oracle GoldenGate fundamentals modular architecture flexible and scalable configuration and installation options This is the foundation for all new Oracle GoldenGate users Oracle GoldenGate initial data load techniques for a heterogeneous environment including initial load using the Recovery Manager RMAN suitable for a VLDB environment Learn how to configure Oracle GoldenGate instance for query offloading Reports are diverted to an Oracle Database instance for an operational Data Warehouse running 10x faster Find out how to configure Oracle GoldenGate for high availability using bi directional topology Learn how to implement internal and user defined Conflict Detection and Resolution CDR necessary to operate active active Oracle GoldenGate environments Deployment of Oracle GoldenGate Veridata Installation and configuration of the Repository Installation and configuration of the agent on source and target systems Configuration of Oracle GoldenGate to determine Out Of Sync tables Use of Oracle GoldenGate for performing Near Zero Downtime Upgrade Migration Learn the use of the Recovery Manager RMAN cloning to prepare the database for upgrade Learn how to configure Oracle GoldenGate on a heterogeneous environment composed of Oracle Database 12c Non CDB MySQL and Oracle Database 12c CDB Learn how to use Oracle GoldenGate performing data transformation for the operational data store Learn how to install configure and use Oracle GoldenGate Management Pack Learn in depth about Oracle GoldenGate Director and Oracle GoldenGate Monitor Integration of Oracle GoldenGate with Oracle Data Guard Migration from Oracle Streams to Oracle GoldenGate Configuration of Oracle GoldenGate for best performance using Integrated Capture and intermediate systems Learn how to Configure Data Definition Language DDL replication     [Pro Oracle GoldenGate for the DBA](#) Bobby Curtis,2016-08-24 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 an 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

**Working with Oracle GoldenGate 12c** Gavin Powell,2019-01-25 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

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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     *Oracle GoldenGate 12c*

*Implementation Essentials (1Z0-447): 350 Practice Questions & Detailed Explanations* CloudRoar Consulting Services,2025-08-15 The Oracle GoldenGate 12c Implementation Essentials 1Z0 447 certification is a prestigious credential designed for IT professionals who specialize in data integration and replication using Oracle s powerful GoldenGate technology This certification validates the candidate s expertise in implementing and managing the GoldenGate 12c software a critical tool for real time data integration solutions The certification exam assesses knowledge across a range of topics including configuring and maintaining a high performance replication environment troubleshooting and optimizing GoldenGate processes Oracle GoldenGate 12c is a key player in the realm of data integration known for its ability to efficiently handle large volumes of data across diverse and complex IT environments This certification is particularly appealing to database administrators systems architects and IT consultants seeking to enhance their skills in Oracle technologies As businesses increasingly rely on data driven decision making the demand for professionals proficient in Oracle GoldenGate is growing Achieving this certification not only demonstrates your capabilities in managing one of the most robust data replication solutions but also positions you as a valuable asset in today s competitive job market This comprehensive guide of 350 practice questions is meticulously crafted to mirror the structure and substance of the actual certification exam Each question is accompanied by detailed explanations to ensure a deep understanding of the subject matter The questions are systematically organized to cover all exam domains providing a balanced mix of theory and practical scenarios You ll find exercises that challenge your problem solving abilities and simulate real world situations enabling you to apply your knowledge effectively This approach builds genuine confidence and ensures you re not just memorizing facts but truly comprehending the intricacies of Oracle GoldenGate 12c Pursuing the Oracle GoldenGate 12c Implementation Essentials certification can significantly enhance your career trajectory It opens doors to advanced roles within IT departments boosts your professional credibility and increases your earning potential This resource offers not just a pathway to passing the exam but also a solid foundation in Oracle GoldenGate technology equipping you with skills that are immediately applicable in the workplace Whether you re looking to advance your current career or pivot to new opportunities this certification and its accompanying study guide provide the knowledge and recognition you need to succeed     **Oracle Database 12c The Complete Reference** Bob Bryla,Kevin Loney,2013-08-05 Master the Cutting Edge Features of Oracle Database 12c Maintain a scalable highly available enterprise platform and reduce complexity by leveraging the powerful new tools and cloud enhancements of Oracle Database 12c This authoritative Oracle Press guide offers complete coverage of

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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

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