

Oracle GoldenGate 11g: Fundamentals for SQL Server

Activity Guide

D66523GC20
Edition 2.0
September 2012
D79014

ORACLE®

Copyright © 2012, Oracle and/or its affiliates. All rights reserved.

Disclaimer

This document contains proprietary information and is protected by copyright and other intellectual property laws. You may copy and print this document solely for your own use in an Oracle training course. The document may not be modified or altered in any way. Except where your use constitutes "fair use" under copyright law, you may not use, share, download, upload, copy, print, display, perform, reproduce, publish, license, post, transmit, or distribute this document in whole or in part without the express authorization of Oracle.

The information contained in this document is subject to change without notice. If you find any problems in the document, please report them in writing to: Oracle University, 500 Oracle Parkway, Redwood Shores, California 94065 USA. This document is not warranted to be error-free.

Restricted Rights Notice

If this documentation is delivered to the United States Government or anyone using the documentation on behalf of the United States Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS

The U.S. Government's rights to use, modify, reproduce, release, perform, display, or disclose these training materials are restricted by the terms of the applicable Oracle license agreement and/or the applicable U.S. Government contract.

Trademark Notice

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Author

Steve Friedberg

Technical Contributors and Reviewers

Mack Bell, Chris Lawless, Sue Jang, Krishnanjani Chitta

This book was published using: Oracle Tutor

Table of Contents

Practices for Lesson 1: Introduction	1-1
Practices for Lesson 1: Overview.....	1-2
Practices for Lesson 2: Exploring Your Environment	2-1
Practices for Lesson 2: Overview.....	2-2
Practice 2-1: Becoming Familiar with Your Environment	2-3
Practices for Lesson 3: Architecture	3-1
Practices for Lesson 3: Overview.....	3-2
Practices for Lesson 4: Installing Oracle GoldenGate for SQL Server on Windows	4-1
Practices for Lesson 4: Overview.....	4-2
Practice 4-1: Installing Oracle GoldenGate 11g for Windows	4-3
Practice 4-2: Introduction to Oracle GoldenGate Command Interface	4-11
Practices for Lesson 5: Configuration Overview and Preparing the Environment	5-1
Practices for Lesson 5: Overview.....	5-2
Practice 5-1: Preparing the Environment	5-3
Practice 5-2: Preparing the SQL Server 2008 Target Environment.....	5-24
Practices for Lesson 6: Configuring Change Capture (Extract)	6-1
Practices for Lesson 6: Overview.....	6-2
Practice 6-1: Configuring Change Capture by Using Data Pump.....	6-3
Practices for Lesson 7: Configuring Change Delivery (Replicat)	7-1
Practices for Lesson 7: Overview.....	7-2
Practice 7-1: Configuring Change Delivery	7-3
Practice 7-2: Generating the Activity and Viewing the Results.....	7-7
Practices for Lesson 8: Using Extract Trails and Files (logdump)	8-1
Practices for Lesson 8: Overview.....	8-2
Practice 8-1: Using the logdump Utility	8-3
Practices for Lesson 9: Configuring Initial Load	9-1
Practices for Lesson 9: Overview.....	9-2
Practice 9-1: Initial Data Load Using the Direct Load Method.....	9-3
Practice 9-2: Initial Data Load Using File-to-Replicat Method	9-9
Practices for Lesson 10: Modifying Parameters	10-1
Practices for Lesson 10: Overview.....	10-2
Practice 10-1: Using Oracle GoldenGate Commands.....	10-3
Practice 10-2: Using Oracle GoldenGate Parameters.....	10-13
Practices for Lesson 11: Data Selection and Filtering	11-1
Practices for Lesson 11: Overview.....	11-2
Practices for Lesson 12: Data Transformation	12-1
Practices for Lesson 12: Overview.....	12-2
Practices for Lesson 13: Configuration Options	13-1
Practices for Lesson 13: Overview.....	13-2
Practice 13-1: Using Encryption	13-3
Practices for Lesson 14: Configuring Bidirectional Replication	14-1
Practices for Lesson 14: Overview.....	14-2
Practice 14-1: Two-Way Active-Active Data Replication	14-3
Practice 14-2: Conflict Detection and Resolution	14-14

