

Upgrading Oracle GoldenGate for HP NonStop

This document describes how to upgrade to a new release of the Oracle GoldenGate data replication software for HP NonStop (Guardian).

This topic contains the following section on [Upgrading Oracle GoldenGate](#).

Upgrading Oracle GoldenGate

Upgrading Oracle GoldenGate requires three phases: backup, installation, and migration.

- **Backup:** Perform a full backup of your Oracle GoldenGate environment before installing and migrating to the latest Oracle GoldenGate release.
- **Installation:** Install Oracle GoldenGate following the steps in the Installation Guide, *Installing for HP NonStop (Guardian)*. Ensure to specify a new subvolume for your upgraded Oracle GoldenGate instance.
- **Migration:** Once you have installed Oracle GoldenGate, you must migrate to the latest instance. Follow the steps in [Migrating from a Previous Release of Oracle GoldenGate](#) to complete the migration.

Migrating from a Previous Release of Oracle GoldenGate

Following are the steps to migrate from a previous release of Oracle GoldenGate:

1. Bring down your current Oracle GoldenGate instance:

```
TACL> RUN GGSCI
GGSCI> STOP SYNCFILE *
GGSCI> STOP REPLICAT *
GGSCI> STOP EXTRACT *
GGSCI> STOP MANAGER
GGSCI> EXIT
```

2. If you plan to HOTSWAP LOGGER process(s), then skip this step:

```
GGSCI> STOP LOGGER.
```

3. After you install Oracle GoldenGate, GGSUNPAK prompts you:

```
Would you like to Migrate information from another GGS environment (Y/N): Y
```

4. Enter your previous Oracle GoldenGate volume and subvolume:

Enter old OGG vol.subvol or X to quit: \$data01.tssoj06n

PID: \$Y2VX \THOR.\$SYSTEM.SYS21.FUP
STOPPED: \$Y2VX
CPU time: 0:00:00.004

Copying OGG data from \$DATA01.TSSOJ06N...

PID: \$Y2VY \THOR.\$SYSTEM.SYS21.FUP
STOPPED: \$Y2VY
CPU time: 0:00:00.015
File Utility Program - T6553H02 - (11FEB2015) System \THOR
(C)1981 Tandem (C)2014 Hewlett Packard Development Company, L.P.
ALLOW ABENDS ON
ALTER CONTEXT, NO AUDIT
ALTER CONTEXT, AUDIT
ALTER GROUP, NO AUDIT
COPY \$DATA01.TSSOJ06N.GROUP, GROUP
1 RECORDS TRANSFERRED
ALTER GROUP, AUDIT
ALTER EXTCTXT, NO AUDIT
COPY \$DATA01.TSSOJ06N.EXTCTXT, EXTCTXT
1 RECORDS TRANSFERRED
ALTER EXTCTXT, AUDIT
ALTER REPGRP, NO AUDIT
ALTER REPGRP, AUDIT
ALTER REPCTXT, NO AUDIT
COPY \$DATA01.TSSOJ06N.REPCTXT, REPCTXT
3 RECORDS TRANSFERRED
ALTER REPCTXT, AUDIT
ALTER REMCTXT, NO AUDIT
ALTER REMCTXT, AUDIT
ALTER RMTCTXT, NO AUDIT
ALTER RMTCTXT, AUDIT
LOAD \$DATA01.TSSOJ06N.LOGGGS, LOGGGS, SORTED
RECORDS LOADED: 609
ALTER LOGCONF, NO AUDIT
ALTER LOGCONF, AUDIT
ALTER MRKRGGGS, NO AUDIT
ALTER MRKRGGGS, AUDIT
ALTER SYNCGRP, NO AUDIT
ALTER SYNCGRP, AUDIT
ALTER COORDGRP, NO AUDIT
ALTER COORDGRP, AUDIT

PID: \$Y2VZ \THOR.\$DATA03.TSSOJ06N.SCANGRP
Oracle GoldenGate Checkpoint Conversion
Version 12.2.0.1.4 J06 2018-02-05 Debug System \THOR
Copyright (C) 1995, 2018, Oracle and/or its affiliates. All rights reserved.

Scanning to fixup program, params, report, and process name
Processing GROUP
Reads 1
Updates 1
Processing REPGRP
Reads 0

```
Updates      0
Processing SYNCGRP
Reads        0
Updates      0
Processing COORDGRP
Reads        0
Updates      0
STOPPED: $Y2VZ
CPU time: 0:00:00.003
Checkpoint conversion successful
Migration successful.
```

```
$DATA03 TSSOJ06N 8>
$DATA03 TSSOJ06N 8>
```

5. If you have a running Logger process, then you are asked if you want to HOTSAP the Logger object.

```
Logger was running during migrate
Do you want to HOTSAP logger to the new ENV (Y?N)
```

If you answer yes, then the program will change to the Logger object running in the migration process installation location.

 **Caution**

You must coordinate HOTSAP with any manual steps to upgrade BASELIB as part of the upgrade process.

6. DUP any Obey files you use in your current Oracle GoldenGate environment. This step is particularly critical if your Obey files contain table define names or startup/shutdown commands.
7. There are no changes to the supplied header files that require a recompile. However, with the removal of the TNS mode objects, User Exit not compiled Native must be recompiled as such. Then use NLDEXIT to link or use the new DLL method described in the reference manual.
8. Point your applications to the new release of GGSLIB for Non Audited Logger change capture.

```
GGSCI> BIND PROGRAMS, CHANGELIB
```

Enter the list of applications you want to bind.

Enter your new GGSLIB when prompted.

Enter GO to bind your new library to your applications.

```
GGSCI> LINK PROGRAMS, CHANGELIB
```

9. Restart your Oracle GoldenGate components in your new environment.

Copyright © 2014, 2026, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

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

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.