

SOFTWARE RELEASE DOCUMENT (SOFTDOC)

Product:	HPE Shadowbase Compare for SQL
Release:	Gravic Version: 6.500 HPE NonStop Shadowbase: T1122H06-AAM (SB Repl/Guardian)
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NOTE: This release contains updated software for HPE Shadowbase Compare for SQL for the HPE Integrity Nonstop X, Virtualized NonStop, and HPE Integrity Nonstop i Servers.

NOTE: This softdoc applies to the HPE Shadowbase Compare for SQL component. Other softdocs document the releases of the other components in T1122H06, including:

- HPE Shadowbase Audit Reader,
- HPE Shadowbase Enterprise Manager,
- HPE NonStop Shadowbase Guardian replication, and
- HPE NonStop Shadowbase OSS replication.

You are advised to reference those other softdocs for the changes related to those specific components of T1122H06.

NOTE: This softdoc covers new features and corrected problems for Shadowbase Compare for HPE Integrity NonStop i servers (H06 and J06 Guardian NonStop) and HPE Integrity NonStop X/Virtualized NonStop servers (L06 Guardian NonStop).

This softdoc is available in an Adobe PDF file (.PDF). Softdoc files for SQL Compare are named IPMnnnn-SQL COMPARE.pdf (where nnnn is the Shadowbase version number).

NOTE: HPE Shadowbase Compare for SQL internally uses the nomenclature “CS-SQL-COMPARE” to reflect its original development roots. Hence, you may notice that some examples show commentary reflecting that name.

Table of Contents

SOFTWARE RELEASE DOCUMENT (SOFTDOC).....	1
Table of Contents	2
Disclaimer	3
Special Notes for Version 6.500	4
Changes in Release 6.500	4
New Features in Release 6.500	4
Problems Fixed in Release 6.500.....	4
New and Revised Commands	4
OUT Command (updated)	4
Installation Instructions (Shadowbase Compare for SQL)	5
Known Problems Remaining	6

Disclaimer

We are distributing this communication in an effort to bring important information to the attention of users of the affected products. We recommend that all users determine the applicability of this information to their individual situations and take appropriate action. We do not represent or warrant that this information is necessarily accurate or complete for all user situations and, consequently, we will not be responsible for any damages resulting from the user's use or disregard of the information provided. To the extent permitted by law, we disclaim all representations and warranties, whether express, implied, statutory, or otherwise, including the warranties of the merchantability, fitness for a particular purpose, title, and non-infringement.

We expect customers of the Shadowbase product suite to “stay current” on Shadowbase releases. This means that you, the customer, should periodically upgrade your Shadowbase software to a newer release that is under support before support ends on your current release. For most customers, this means that you will want to upgrade while your release is in ‘ACTIVE’ support. Otherwise, you run the risk of not being able to get full (or even any if the release has gone ‘OBSOLETE’ end-of-service-life) support for the version you are running.

The Shadowbase Software Policy for Software Versions is described here:
<https://shadowbasesoftware.com/support/shadowbase-software-product-release-and-support-policies/>.

We encourage all customers to periodically review this material and plan for periodic upgrades to their Shadowbase software. Contact Support if you need additional information.

Special Notes for Version 6.500

- 1) The SQL Compare for MX component must be installed in a different subvolume from the SQL Compare for MX Remote Agent to avoid SQL compilation conflicts.

Changes in Release 6.500

This section summarize the new features and problems fixed since the last General Availability release, Gravic version 6.400 for HPE Integrity NonStop i systems and HPE Integrity NonStop X servers.

New Features in Release 6.500

- 1) The OUT command supports two new options, ITERATE LAST <n>, and ITERATE ALL. See New and Revised Commands for further information.

Problems Fixed in Release 6.500

- 1) STOP and PAUSE settings were not displayed by the SHOW command.
- 2) The EXPLAIN command resulted in a string overflow (SQLCODE 8402 warning) for very long SQL statements, and failed to display the full EXPLAIN plan.
- 3) The ERR command was missing from HELP command output.
- 4) Removed a spurious warning and some extraneous output during install process.

New and Revised Commands

This section documents new and revised commands since the last General Availability release.

OUT Command (updated)

Syntax:

```
OUT FILE <filename>  
OUT TERM ON  
OUT TERM OFF  
OUT FILE OFF  
OUT SUPPRESS ON  
OUT SUPPRESS OFF  
OUT ITERATE LAST <n>
```

OUT ITERATE ALL

Semantics:

The OUT command determines where the normal output of the (running) product goes. With OUT FILE <filename> the standard output is also sent to <filename> (which may also be a device or spooler location). OUT FILE OFF closes the additional output. OUT TERM ON/OFF switches terminal output ON and OFF. The OUT TERM command works independently from the OUT FILE <filename> command.

With OUT SUPPRESS ON/OFF the normal output of found differences and taken actions is suppressed, except the progressinfo and the output of print actions as well as the end of run statistics. This works independently from the current output configuration and affects both, terminal and file output.

With OUT ITERATE LAST <n> only the last <n> iterations will be written to the out file. This limitation can be undone with OUT ITERATE ALL.

Note:

The information about OUT file and terminal will not be saved with a saved run. There are several reasons for that; first it may be that the OUT file is a dynamic terminal and will not exist anymore at the next start of the program. Furthermore we want to avoid accidentally overwriting previous result files.

Installation Instructions (Shadowbase Compare for SQL)

1) Transfer the HPE Shadowbase Compare for SQL installation files to the host system using FTP or any other file transfer product capable of transferring ASCII and binary files. Binary transfer the SQLCMPR file from your PC (if you obtained the files from a Gravic FTP site) or DVD. Then ASCII transfer the OINSTARX, OINSTLMP, OINSTLMX, and OINSTLRA files from the same location.

2) To begin the installation process, obey the OINSTARX, OINSTLMP, OINSTLMX, and OINSTLRA files to unpack the installation files for the desired HPE Shadowbase Compare for SQL component(s):

OBEY OINSTARX to unpack the installation components for the SQL/MX Remote Agent.

OBEY OINSTLMP to unpack the installation components for the SQL/MP Compare program, SQLCMPE.

OBEY OINSTLMX to unpack the installation components for the SQL/MX Compare program, SQLCMPMX.

OBEY OINSTLRA to unpack the installation components for the SQL/MP Remote Agent.

3) Follow instructions in the Installation section of the *HPE Shadowbase Compare for SQL Manual*. Each component has an installation INI file that must be edited with the desired system specific settings before the corresponding installation program is run.

Known Problems Remaining

1) SQL/MX schema and catalog names need be surrounded by quotes and must match the configured names' case exactly. For example, to match the table *MyCat.MySchema.MyTable*, you need to specify it as "MyCat"."MySchema".MyTable or "MyCat"."MySchema"."MyTable". You cannot use MyCat.MySchema.Mytable (no quotes) or "mycat"."myschema".MyTable (capitalization does not match).

2) Due to a SQL/MP issue, negative intervals with absolute values greater than 69535 days (190 years) are not supported by SQLCMPE. Attempting to compare tables including these values will result in a SQL Error -8425 during fetch of cursor.

3) ON END EQUAL and ON END NOT EQUAL processing will not occur if ON END processing is also specified.

***** End of Document *****