

SOFTWARE RELEASE DOCUMENT (SOFTDOC)

Product:	HPE Shadowbase Compare for SQL
Release:	Gravic Version: 6.600 HPE NonStop Shadowbase: T1122H06-AAN (SB Repl/Guardian)
Release Date:	May 03, 2019
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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: If this is a TCD delivery, please see [NOTE FOR TCDs](#) for TCD delivery information.

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, Shadowbase® Software Release Document

you may notice that some examples show commentary reflecting that name.

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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.

Note for TCDs

TCD (Temporary Code Delivery) – A software update delivered via an SPR downloadable from an FTP dropbox. A TCD is an early version, intended for customer testing only (not production usage). A TCD by definition is restricted to certain customers. Note that a “Gravic TCD” is delivered directly from Gravic, not via HPE, but otherwise has the same attributes.

A TCD is provided only to the specified customer for the purposes agreed between the customer and Gravic as to how it will be used. A TCD is provided subject to the following terms and conditions in addition to the existing written license governing the use of Shadowbase:

- A TCD is provided for evaluation and test purposes only for no more than ninety (90) days use, and is not to be used in production systems
- A TCD may not have been fully tested by Gravic, no warranties are implied as to its behavior
- A TCD is delivered directly from Gravic to the customer, it is not available from HPE/SCOUT
- As testing proceeds, iterative TCD deliveries may be necessary as issues are identified/resolved
- A TCD is temporary, after evaluation it is to be withdrawn from use by the customer
- After testing completes, a TCD may or may not subsequently be released as a Shadowbase TCF or otherwise be included in the Shadowbase product line

Please see <https://www.shadowbasesoftware.com/support/shadowbase-software-product-release-and-support-policies/shadowbase-software-release-glossary/> for additional information.

Special Notes for Version 6.600

- 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 6.600

This section summarizes the new features and problems fixed since the last General Availability release, Gravic version 6.500 for HPE Integrity NonStop i systems and HPE Integrity NonStop X servers.

Problems Fixed in Release 6.600

- 1) When run with a non-terminal device as an out file, error messages would be logged to the terminal rather than the requested location.

- 2) The SHOW command output would display incorrect values for STOP (in the form of 'STOP <n> <lines|records|messages>') if PAUSE was also configured. The values for PAUSE would be output for STOP as well.
- 3) Certain SQL/MX specific warnings could lead to the abort of a SQLCMPMX run. Encountering a warning 6007 while attempting to prepare the statement for the ON DIFF command caused the update to fail to be executed.
- 4) The EXPLAIN command would fail when WHERE clauses were used for quoted data types, with SQL errors such as below:
COMPARE>EXPLAIN
^
*** ERROR from SQLCI [-10040] String literal must be enclosed within identical quotation marks.
^
*** ERROR from SQLCI [-10021] Syntax error.
- 5) Fixed abort of run due to failed FETCH caused by error 8813.
- 6) Fixed defect when using OUT ITERATE ALL, where logs would be incomplete.

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 to 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.

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