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Version

SLOB 2.4.0

NEW IN THIS RELEASE
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* Short Table Scans. This release introduces the ability to direct SLOB sessions to perform a percentage of all SELECT statements as full table scans against a small, non-indexed table. However, the size of the "scan table" is configurable.

* Statspack Support. This version, by default, generates STATSPACK reports instead of Automatic Workload Repository (AWR) reports. This means that SLOB testing can be conducted against Oracle Database editions that do not support STATSPACK--as well as the ability to test Enterprise Edition with fewer software licensing concerns. Software licensing ramifications are a legal matter entirely between Oracle and users of Oracle software. AWR reports can be generated after a simple modification to the slob.conf file.

* External Script Execution. House-keeping of run results files and the ability to, for example, issue a remote command to a storage array to commence data collection is introduced by the EXTERNAL_SCRIPT feature in SLOB 2.4.

ADDITIONAL CHANGES

SLOB 2.4 has been tested on public cloud configurations to include Amazon Web Services RDS for Oracle. The changes in SLOB 2.4 to slob.conf parameters, and other infrastructure, makes SLOB 2.4 the cloud predictability and repeatability testing tool of choice as of SLOB 2.4.

ADDITIONAL INFO

Please see the SLOB 2.4 documentation in the SLOB/doc directory.

ATTRIBUTIONS

Users in the SLOB user community assisted with this release with non-trivial contributions. I'd like to say thanks, and give proper attribution, to the following SLOB users for their help:

* Chris Osbourne (@westendwookie). Chris provided a functional prototype of the new SLOB 2.4 Scan Table Feature. Thanks, Chris!
* Christian Antognini (@ChrisAntognini): Chris provided a functional prototype of the new SLOB 2.4 support for statspack! Thanks, Chris!
* James Morle (@JamesMorle). James has helped with several scalability improvements in slob.sql based on his astonishing high-end SLOB testing. With thousands of sessions attached to a dozen or more state-of-the-art Xeon hosts connected to NVM storage led to several issues with proper start/stop synchronization and thus reduced repeatability. Thanks James!
* Maciej Przepiorka (@mPrzepiorka): Maciej conducted very thorough Beta testing and enhanced the EXTERNAL_SCRIPT feature in SLOB 2.4. Thanks, Maciej.
* Martin Berger (@martinberx): Martin conducted significant Standard Edition Oracle testing and also enhanced the SLOB/misc/awr_info.sh (SLOB/misc/statspack_info.sh) script for producing performance data in tuple form from statspack. Thanks, Martin!