


GemStone/S 64 BitTM

Release Notes

Limited Distribution
Special Release

Version 3.6.6.1

September 2023



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PATENTS

GemStone software is or has been covered by U.S. Patent Number 6,256,637 "Transactional virtual machine architecture" (1998-2018), Patent Number 6,360,219 "Object queues with concurrent updating" (1998-2018), Patent Number 6,567,905 "Generational garbage collector with persistent object cache" (2001-2021), and Patent Number 6,681,226 "Selective pessimistic locking for a concurrently updateable database" (2001-2021).

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Release Notes for 3.6.6.1

GemStone/S 64 Bit™ 3.6.6.1 is a limited-distribution special release version of the GemStone/S 64 Bit object server, fixing a critical bug.

These Release Notes include changes between the previous version of GemStone/S 64 Bit, v3.6.6, and v3.6.6.1.

Supported Platforms

GemStone/S 64 Bit version 3.6.6.1 is supported on Linux only, and with clients running on Windows and Linux.

Upgrade

GemStone/S 64 Bit v3.6.6.1 contains no image-level changes from v3.6.6. While running **upgradeImage** is generally recommended, it is not required when upgrading from 3.6.6.

When upgrading directly from v3.6.6 to v3.6.6.1, you may restart GemStone with the new executables without running **upgradeImage**. Note that in this case, you must execute `SystemRepository _setVersion` as `SystemUser`, to allow logins for other users.

VSD Version

This release includes a pre-release build of v5.6.1; the previous release, 3.6.6, included VSD v5.6. VSD v5.6.1 includes minor changes in timestamp display when loading multiple files, and disallows appending files with different versions.

Very slow restore of compressed tranlogs

Restoring compressed tranlogs is unusably slow; the restore is doing excessive seeks due to a prematurely cleared buffer. This affects both gzip and lz4 compressed tranlogs. (#50692)