


GemStone/S 64 BitTM

Release Notes

Version 3.5.8.1

November 2022



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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 3.5.8.1

GemStone/S 64 Bit™ 3.5.8.1 is a limited-distribution special release version of the GemStone/S 64 Bit object server. These Release Notes include changes between the previous version of GemStone/S 64 Bit, v3.5.8, and v3.5.8.1.

Supported Platforms

GemStone/S 64 Bit version 3.5.8.1 is supported on Linux only, and with clients running on Windows and Linux.

Upgrade

GemStone/S 64 Bit v3.5.8.1 contains no image-level changes from v3.5.8. While running **upgradeImage** is generally recommended, it is not required when upgrading from 3.5.8. When upgrading directly from v3.5.8 to v3.5.8.1, you may restart GemStone with the new executables without running **upgradeImage**.

Open Source Library Versions

The version of OpenSSL has been updated to 1.1.1s.

VSD Version

This release includes a pre-release build of v5.6, which supports faster lz4 compression that will be available in later GemStone/S 64 Bit Versions.

TransactionBacklog signaled incorrectly

When the Gem configuration parameter #GemAutoServiceSigAbort is set to false, sessions could still receive signal #3007/TransactionBacklog. (#50142)