GemStone/S 64 Bit™
Release Notes

Limited Distribution
Special Release

Version 3.6.5.1

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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Chapter

1

Release Notes for 3.6.5.1

GemStone/S 64 Bit™ 3.6.5.1 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, v3.6.5, and v3.6.5.1.

Supported Platforms

GemStone/S 64 Bit version 3.6.5.1 is supported on Linux only, and with clients running on Windows and Linux.

Upgrade

GemStone/S 64 Bit v3.6.5.1 contains no image-level changes from v3.6.5. While running **upgradeImage** is generally recommended, it is not required when upgrading from 3.6.5. When upgrading directly from v3.6.5 to v3.6.5.1, you may restart GemStone with the new executables without running **upgradeImage**.

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.

System performOnServer fails when running executables with s bit set

In configurations in which the s bit is set on the linked topaz or gem/netldid executable, `System class >> performOnServer:` fails for a user other than the owner of the executable, due to insufficient permissions on the temporary file that supports the OS execution. (#50191)