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# **GemStone/S 64 Bit<sup>TM</sup>**

## **Release Notes**

Limited Distribution  
Special Release

**Version 3.6.4.1**

February 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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**GemTalk Systems LLC**  
15220 NW Greenbrier Parkway  
Suite 240  
Beaverton, OR 97006

# Release Notes for 3.6.4.1

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GemStone/S 64 Bit™ 3.6.4.1 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, v3.6.4, and v3.6.4.1.

## Supported Platforms

GemStone/S 64 Bit version 3.6.4.1 is supported on Linux only, and with clients running on Windows and Linux.

## Upgrade

GemStone/S 64 Bit v3.6.4.1 contains no image-level changes from v3.6.4. While running **upgradeImage** is generally recommended, it is not required when upgrading directly from v3.6.4 to v3.6.4.1; 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.

## Changes in this release

### Additional shrpcmonitor printing associated with Bug 50082

The shared page cache monitor frame lock recovery may crash under some circumstances, resulting in the message "Freezing shared page cache" (#50082)

To validate diagnosis of this issue, additional printing has been added to shrpcmonitor code. Note that this release does not contain a fix for bug #50082.