


GemStone/S 64 BitTM

Release Notes

Version 3.6.1.1

July 2021



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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 3.6.1.1

GemStone/S 64 Bit™ 3.6.1.1 is a limited-distribution special release version of the GemStone/S 64 Bit object server, with a fix for a critical bug in hot standby.

These Release Notes include changes between the previous version of GemStone/S 64 Bit, v3.6.1, and v3.6.1.1. For details about installing GemStone/S 64 Bit 3.6.1.1 or upgrading from earlier versions of GemStone/S 64 Bit, see the *GemStone/S 64 Bit Installation Guide* for v3.6 for your platform.

Upgrade

GemStone/S 64 Bit v3.6.1.1 contains only executable changes. It is not required to run `upgradeImage`; the stone may be restarted with the new executables.

Supported Platforms

GemStone/S 64 Bit version 3.6.1.1 is supported on Linux only, and with clients running on Windows and Linux.

VSD Version

The GemStone/S 64 Bit v3.6.1.1 distribution includes VSD version 5.5.2. The previous version of GemStone/S 64 Bit, v3.6.1, included VSD v5.5.1. v5.5.2 is a not-yet-released minor maintenance version, containing several minor bug fixes and new cache statistics.

Bug fixed

Tranlog restore may encounter illegal store error

When restoring a transaction log into a restored database or a hot standby, there is a risk that the replay of a selective abort in the tranlog, under certain conditions may cause an illegal store error, which terminates the restore process. (#49578)