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

## **Release Notes**

Limited Distribution  
Special Release

**Version 3.5.1.1**

January 2020



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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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# **GemStone/S 64 Bit 3.5.1.1 Release Notes (Limited Distribution Special Release)**

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## **Overview**

GemStone/S 64 Bit 3.5.1.1 is a new limited distribution special release version of the GemStone/S 64 Bit object server, fixing a critical performance issue.

These Release Notes provide changes between the previous version of GemStone/S 64 Bit, version 3.5.1, and version 3.5.1.1. If you are upgrading from a version prior to 3.5.1, review the release notes for each intermediate release to see the full set of changes.

## **Supported Server and Client Platforms**

This limited distribution release includes distributions for Linux and Windows client only.

## **Changes in this Release**

### **Performance issue**

The AIO pgsvr made several calls to `HostGetNanoTime()` within its loop. These calls put load on the CPU and impacted performance. (#48503)