

GlusterFS 3.0.8 Release Notes

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This document, the GlusterFS 3.0.8 Release Notes, lists the important bug fixes in the GlusterFS 3.0.8 update release. It also provides overview information about the product, links to installation information and known issues. This Release Notes document is posted online at:

<http://download.gluster.com/pub/gluster/glusterfs/3.0/3.0.8/>

Highlights of Release and Upgrade Recommendation

This release is primarily a stabilization release along with resiliency improvements in write-behind translator, and contains fixes for bugs listed below.

Gluster recommends customers to upgrade to 3.0.8, if they are impacted by any of the issues that have been fixed in this release.

Important Enhancements and Bugs Fixed in GlusterFS 3.0.8

GlusterFS 3.0.8 includes feature enhancements and fixes for the following important bugs reported in 3.0.x versions of GlusterFS. Detailed bug reports can be viewed at <http://bugs.gluster.com>

- **Bug 2679** – Fixed the issue related to File System crash during memory corruption.
- **Bug 934** – Fixed the issue of data corruption when files are transferred using vsftpd server.
- **Bug 2220** – Fixed the issue of servers going 100% CPU and less responsive during replicate self-heal by implementing rchecksum fop.

Pre-Installation Information

Product Licence

GlusterFS is released under GNU General Public License v3 or later. Documentation is released under GNU Free Documentation License 1.2 or later. The licence for GlusterFS 3.0.x can be viewed at <http://www.gluster.com/company/legal.php>

Product Support

GlusterFS is offered on an annual subscription basis. Subscriptions are priced per storage server with no limit on attached storage capacity. Gluster also offers several professional services options to augment annual subscriptions. Details of Gluster support offerings are available at: <http://www.gluster.com/services/>

Product Download

GlusterFS can be downloaded from <http://www.gluster.org/download/>

Product Documentation

GlusterFS product documentation is available at:

http://www.gluster.com/community/documentation/index.php/GlusterFS_User_Guide

System Requirements

Software Requirements

- Linux Kernel with FUSE support on GlusterFS client (recommended $\geq 2.6.27$)
- OFED 1.4 (if using Infiniband hardware)
- Ext3 is the recommended native disk file system on the GlusterFS server export

Hardware Requirements

GlusterFS is supported on most industry standard (x86-64) hardware with direct-attached-storage, RAID and FC/Infiniband/iSCSI SAN disk backends with SATA/SAS/FC disks.

Installation

Install/Update Image Contents

The contents of GlusterFS 3.0.8 is available at:

<http://download.gluster.com/pub/gluster/glusterfs/3.0/LATEST>

New Installation

GlusterFS Server Installation

The install process for GlusterFS server is available at:

http://www.gluster.com/community/documentation/index.php/Storage_Server_Installation_and_Configuration

GlusterFS Client Installation

The install process for GlusterFS client is available at:

http://www.gluster.com/community/documentation/index.php/Client_Installation_and_Configuration

Compatibility

Release 3.0.8 of GlusterFS is **not** compatible with 2.0.x releases of GlusterFS.

Release 3.0.8 of GlusterFS is compatible with 3.0.x releases of GlusterFS.

Upgrade

Users of GlusterFS 2.0.x can move to GlusterFS 3.0.8 by terminating the existing GlusterFS processes and starting the processes with new GlusterFS 3.0.8 binaries.

Users of GlusterFS 3.0.x can move to GlusterFS 3.0.8 by terminating the existing GlusterFS processes and starting the processes with new GlusterFS 3.0.8 binaries.

Gluster recommends users backup their prior configuration and volume files prior to installing GlusterFS 3.0.8.

NOTE: Configurations generated outside the scope of *gluster-volgen* are neither recommended nor supported by Gluster.

Known Issues

No known issues in this release.

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