***编译安装：***

*./augen.sh*

*./configure*

*make all*

*make install*

*./configure –help 查看编译参数*

***debug模式***

*// ./configure –enable-debug*

*修改服务启动文件：*

*/etc/init.d/glusterd:*

*start-stop-daemon --start --quiet --oknodo --pidfile $PIDFILE --startas $DAEMON -- -p $PIDFILE $GLUSTERD\_OPTS --log-level DEBUG*

***编译 安装 启动 运行过程中出现的问题：(环境ubuntu18.04)***

*1、问题：编译过程中出现*

rpcsvc.c:1197:5: error: implicit declaration of function 'xdr\_sizeof' [-Werror=implicit-function-declaration]  
xdr\_size = xdr\_sizeof((xdrproc\_t)xdr\_callmsg, &request);

解决方法：

*1、./configure --with-ipv6-default*

*2、注释IPV6\_DEFAULT：*[rpc/rpc-lib/src/xdr-common.h](https://github.com/gluster/glusterfs/commit/5ab835004371f2165d1c3f335aa0fd777c9f8c20" \l "diff-b8caaec11136f22a966d8fe0c4c3f3f6)*：*

*//#ifdef IPV6\_DEFAULT*

*...*

*//#endif*

*2、问题：*

*libglusterfs.so.0: cannot open shared*

*解决方法：*

*执行ldconfig*

*3、问题*

*服务接受不到消息：命令行发出响应无反应*

*cli.log日志信息：*

*[2020-05-08 06:19:59.809904] W [xdr-rpcclnt.c:68:rpc\_request\_to\_xdr] 0-rpc: failed to encode call msg*

*[2020-05-08 06:19:59.809917] E [rpc-clnt.c:1511:rpc\_clnt\_record\_build\_record] 0-glusterfs: Failed to build record header*

*[2020-05-08 06:19:59.809922] W [rpc-clnt.c:1666:rpc\_clnt\_submit] 0-glusterfs: cannot build rpc-record*

*解决方法：*

*./configure –without-libtirpc*

*4、问题*

*服务启动失败：*

*systemctl status glusterd*

*会显示一行红体字：Failed to start LSB: Gluster File System service for volume management.*

*glusterd.log信息：*

*E [glusterd-store.c:2510:glusterd\_restore] 0-management: Failed to restore op\_version*

*将 /var/lib/glusterd/ 目录下所有文件清空，再重新启动*

*5、问题*

*服务启动失败：无特殊日志与别的显示*

*systemctl status glusterd*

*会显示一行红体字：Failed to start LSB: Gluster File System service for volume management.*

*解决方法：*

*sudo apt-get purge glusterfs-server*

*sudo apt-get purge liburcu6 liburcu-dev*

*sudo apt-get install liburcu6 liburcu-dev*

*7、问题*

*sh: 0: getcwd() failed: No such file or directory*

*解决方法：*

*cd ~*

*apt-get install XXX*

*yum环境下安装*

*特殊的几个依赖*

*configure: error: a Linux compatible libuuid is required to build glusterfs*

你可能需要使用以下命令解决依赖关系，

yum install -y libuuid-devel

如果遇到以下错误提示，

configure: error: Support for POSIX ACLs is required

你可能需要使用以下命令解决依赖关系，

yum install -y libacl-devel

如果遇到以下错误提示，

*configure: error: liburcu-bp not found*

*yum install -y userspace-rcu-devel*

*参考：https://www.cmdschool.org/archives/5917*