**SuperCanteen：MooseFS分布式文件系统**

MooseFS官方安装向导



SuperCanteen MooseFS配置：

服务器地址：121.40.168.181 121.43.156.106 115.28.101.191 115.28.28.181

121.40.168.181：安装master、chunk、client

121.43.156.106：安装metalogger、client

115.28.101.191：安装client

115.28.28.181 : 安装client

Client挂载路径：/mnt/mfs

Chunk共享点路径：/mnt/mfschunks1

安装事宜

1、要先安装fuse、fuse-devel，客户端才能挂接

维护

Master：

启动主控 master server 进程: /usr/sbin/mfsmaster start

停止主控 master server 进程: /usr/sbin/mfsmaster stop

运行 CGI 监控服务 : /usr/sbin/mfscgiserv

查看master 的运行情况: [http:// 121.40.168.181:9425](http://192.168.1.1:9425/)

Chunk：

启动chunk server 进程: /usr/sbin/mfschunkserver start

停止chunk server 进程: /usr/sbin/mfschunkserver stop

Metalogger

启动 metalogger 进程: /usr/sbin/mfsmetalogger start

停止 metalogger 进程: /usr/sbin/mfsmetalogger stop

Client：

挂接操作: /usr/bin/mfsmount /mnt/mfs -H mfsmaster 重启系统要重新挂接

检查分区情况: df –h | grep mfs

问题：

1. 非正常关闭管理服务器进程导致启动失败，启动过程中生成如下报错日志：

错误日志一：

working directory: /drbd/mfs
lockfile created and locked
initializing mfsmaster modules ...
loading sessions ... ok
sessions file has been loaded
exports file has been loaded
loading metadata ...
can't open metadata file
if this is new instalation then rename metadata.mfs.empty as metadata.mfs
init: file system manager failed !!!
error occured during initialization - exiting

以上错误提示将metadata.mfs.empty 文件重命名为metadata.mfs，解决方法如下所示：

cd /drbd/mfs/var/mfs
mv metadata.mfs.empty metadata.mfs

错误日志二：

当执行完上述命令再次启动进程后，会有如下错误日志生成

backup file is newer than current file - please check it manually - propably you should run metarestore
init: file system manager failed !!!
error occured during initialization - exiting

可以执行下列命令自动修复元数据文件，命令如下所示：

/drbd/mfs/sbin/mfsmetarestore -a