**一、安装依赖**

|  |
| --- |
| yum -y install build-essential flex bison automake autoconf libtool cmake libaio-dev mysql-client libncurses-dev zlib1g-dev libgcrypt11-dev libev-dev libcurl4-gnutls-dev vim-common |

**二、下载源码包**

percona-xtrabackup-2.4.12.tar.gz

boost\_1\_59\_0.tar.gz

**三、解压**

|  |
| --- |
| tar zxvf percona-xtrabackup-2.4.12.tar.gz  tar zxvf boost\_1\_59\_0.tar.gz |

**四、编译源码**

4.1 编译boost

#安装依赖

|  |
| --- |
| yum install cmake gcc gcc-c++ libaio libaio-devel automake autoconf bison libtool ncurses-devel libgcrypt-devel libev-devel libcurl-devel vim-common python-devel  yum install cmake gcc gcc-c++ |

#编译boost

|  |
| --- |
| tar xzf boost\_1\_59\_0.tar.gz  cd boost\_1\_59\_0  ./bootstrap.sh  ./b2 install --perfix=/usr/local/boost\_1\_59\_0 |

4.2 编译xtrabackup

#安装依赖

|  |
| --- |
| yum -y install build-essential flex bison automake autoconf libtool cmake libaio-dev mysql-client libncurses-dev zlib1g-dev libgcrypt11-dev libev-dev libcurl4-gnutls-dev vim-common  yum install ncurses-devel |

#编译xtrabackup

|  |
| --- |
| cd percona-xtrabackup-2.4.12  cmake -DBUILD\_CONFIG=xtrabackup\_release -DWITH\_MAN\_PAGES=OFF && make -j4  make && make install |

#配置环境变量

|  |
| --- |
| export XTRABACKUP\_HOME=/usr/local/xtrabackup  export PATH=${XTRABACKUP\_HOME}/bin:$PATH |

**五、报错处理**

（1） Could not find (the correct version of) boost

处理：下载：boost\_1\_59\_0.tar.gz

cmake -DBUILD\_CONFIG=xtrabackup\_release -DWITH\_MAN\_PAGES=OFF && make -j4 -DDOWNLOAD\_BOOST=1 -DWITH\_BOOST=/root/tools/xtrabackup/boost\_1\_59\_0

（2）Too many open files'

参考：<http://blog.51cto.com/huangfuff/1610115>

MySQL使用xtrabackup备份时报错：

2015-01-29 21:28:10 7f6024ceb740  InnoDB: Operating system error number 24 in a file operation.InnoDB: Error number 24 means 'Too many open files'.

解决方案：

=> 修改ulimit

ulimit -n 65535

使用 ulimit -n 65535 可即时修改，但重启后就无效了。（注ulimit -SHn 65535 等效 ulimit -n 65535，-S指soft，-H指hard)

有如下三种修改方式：

1.在/etc/rc.local 中增加一行 ulimit -SHn 65535

2.在/etc/profile 中增加一行 ulimit -SHn 65535

3.在/etc/security/limits.conf最后增加如下两行记录

\* soft nofile 65535

\* hard nofile 65535

具体使用哪种，试试哪种有效吧，我在 CentOS中使用第1种方式无效果，使用第3种方式有效果，而在Debian中使用第2种有效果

=> 修改SELINUX

以上修改后仍旧没有解决问题，最终检查了selinux，经尝试，成功解决问题！

|  |  |
| --- | --- |
|  | vi /etc/selinux/config |

将SELINUX=enforcing 改为 SELINUX=permissive

NUMA library missing or required version not available

-- Could NOT find Curses (missing: CURSES\_LIBRARY CURSES\_INCLUDE\_PATH)