

Percona

Linux

- CentOSPercona
- UbuntuDebianPercona

CentOSPercona

1.Percona

```
#rpm -Uvh http://www.percona.com/downloads/percona-release/percona-release-0.0-1.x86_64.rpm
```

```
[root@ ~]# rpm -Uvh http://www.percona.com/downloads/percona-release/percona-release-0.0-1.x86_64.rpm
Retrieving http://www.percona.com/downloads/percona-release/percona-release-0.0-1.x86_64.rpm
Preparing... ##### [100%]
1:percona-release ##### [100%]
```

2.Percona

```
#yum search percona
```

```
[root@ ~]# yum search Percona
Loaded plugins: fastestmirror
Determining fastest mirrors
 * base: mirrors.grandcloud.cn
 * extras: mirrors.grandcloud.cn
 * updates: mirrors.grandcloud.cn
base | 1.1 kB | 00:00
http://mirrors.grandcloud.cn/centos/5.8/os/x86_64/repodata/primary.xml.gz: [Errn
o 12] Timeout: <urlopen error timed out>
Trying other mirror.
base/primary | 1.2 MB | 00:00
base | 3591/3591
extras | 2.1 kB | 00:00
extras/primary_db | 179 kB | 00:00
percona | 951 B | 00:00
percona/primary | 12 kB | 00:00
percona | 41/41
updates | 1.9 kB | 00:00
updates/primary_db | 868 kB | 00:00
===== Matched: Percona =====
Percona-XtraDB-Cluster-client.x86_64 : Percona XtraDB Cluster - client package
Percona-XtraDB-Cluster-debuginfo.x86_64 : Debug information for package
: Percona-XtraDB-Cluster
Percona-XtraDB-Cluster-devel.x86_64 : Percona XtraDB Cluster - Development
: header files and libraries
Percona-XtraDB-Cluster-server.x86_64 : Percona XtraDB Cluster - server package
Percona-XtraDB-Cluster-shared.x86_64 : Percona XtraDB Cluster - Shared libraries
Percona-XtraDB-Cluster-test.x86_64 : Percona XtraDB Cluster - Test suite
Percona-SQL-50-debuginfo.x86_64 : Debug information for package Percona-SQL-50
Percona-SQL-client-50.x86_64 : Percona SQL - Client
Percona-SQL-devel-50.x86_64 : Percona-SQL - Development header files and
: libraries
Percona-SQL-server-50.x86_64 : Percona-SQL Community Server (GPL) for Red Hat
: Enterprise Linux 5
Percona-SQL-shared-50.x86_64 : Percona-SQL - Shared libraries
Percona-SQL-shared-compat.x86_64 : MySQL shared client libraries for MySQL
: 5.0.92, 5.0.92, 4.1.22 and 4.0.27
Percona-SQL-test-50.x86_64 : Percona-SQL - Test suite
Percona-Server-51-debuginfo.x86_64 : Debug information for package
: Percona-Server-51
Percona-Server-55-debuginfo.x86_64 : Debug information for package
: Percona-Server-55
Percona-Server-client-51.x86_64 : Percona-Server - Client
Percona-Server-client-55.x86_64 : Percona Server - Client
Percona-Server-devel-51.x86_64 : Percona-Server - Development header files and
: libraries
Percona-Server-devel-55.x86_64 : Percona Server - Development header files and
: libraries
Percona-Server-server-51.x86_64 : Percona Server (GPL), 14.0, Revision 475 for
: Red Hat Enterprise Linux 5
Percona-Server-server-55.x86_64 : Percona Server: a very fast and reliable SQL
: database server
```

3.Percona

```
# yum install Percona-Server-client-55.x86_64
```

```
[root@localhost ~]# yum install Percona-Server-client-55.x86_64
Loaded plugins: fastestmirror
Loading mirror speeds from cached hostfile
 * base: mirrors.grandcloud.cn
 * extras: mirrors.grandcloud.cn
 * updates: mirrors.grandcloud.cn
Setting up Install Process
Resolving Dependencies
--> Running transaction check
--> Package Percona-Server-client-55.x86_64 0:5.5.27-rel28.1.296.rhel5 set to be updated
--> Processing Dependency: Percona-Server-shared-55 for package: Percona-Server-client-55
--> Running transaction check
--> Package Percona-Server-shared-55.x86_64 0:5.5.27-rel28.1.296.rhel5 set to be updated
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package                        Arch      Version                               Repository      Size
=====
Installing:
Percona-Server-client-55      x86_64    5.5.27-rel28.1.296.rhel5            percona         8.4 M
Installing for dependencies:
```

```
# yum install Percona-Server-server-55.x86_64
```

```
[root@localhost ~]# yum install Percona-Server-server-55.x86_64
Loaded plugins: fastestmirror
Loading mirror speeds from cached hostfile
 * base: mirrors.grandcloud.cn
 * extras: mirrors.grandcloud.cn
 * updates: mirrors.grandcloud.cn
Setting up Install Process
Resolving Dependencies
--> Running transaction check
--> Package Percona-Server-server-55.x86_64 0:5.5.27-rel28.1.296.rhel5 set to be updated
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package                        Arch      Version                               Repository      Size
=====
Installing:
Percona-Server-server-55      x86_64    5.5.27-rel28.1.296.rhel5            percona        20 M

Transaction Summary
=====
Install      1 Package(s)
Upgrade      0 Package(s)

Total download size: 20 M
Is this ok [y/N]:
```

4.etcmy.cnf

```
#vi /etc/my.cnf
```

```
[mysqld]
plugin-load=handlersocket.so

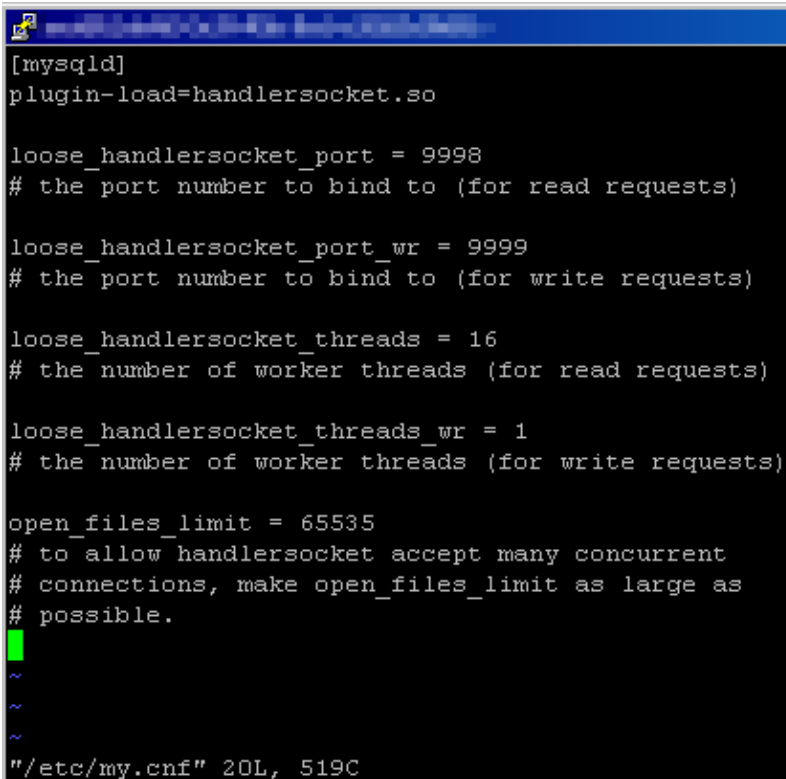
loose_handlersocket_port = 9998
# the port number to bind to (for read requests)

loose_handlersocket_port_wr = 9999
# the port number to bind to (for write requests)

loose_handlersocket_threads = 16
# the number of worker threads (for read requests)

loose_handlersocket_threads_wr = 1
# the number of worker threads (for write requests)

open_files_limit = 65535
# to allow handlersocket accept many concurrent
# connections, make open_files_limit as large as
# possible.
```



```
[mysqld]
plugin-load=handlersocket.so

loose_handlersocket_port = 9998
# the port number to bind to (for read requests)

loose_handlersocket_port_wr = 9999
# the port number to bind to (for write requests)

loose_handlersocket_threads = 16
# the number of worker threads (for read requests)

loose_handlersocket_threads_wr = 1
# the number of worker threads (for write requests)

open_files_limit = 65535
# to allow handlersocket accept many concurrent
# connections, make open_files_limit as large as
# possible.

"/etc/my.cnf" 20L, 519C
```

5.

```
#service mysql start
```



```
[root@ ~]# service mysql start
Starting MySQL (Percona Server)... SUCCESS!
```

6.root

```
# mysqladmin -u root password lqaz
```

7.mysql

```
#mysql -uroot -p
```

```
[root@ ~]# mysql -uroot -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 22
Server version: 5.5.27-28.1 Percona Server (GPL), Release rel28.1, Revision 296

Copyright (c) 2000, 2011, Oracle and/or its affiliates. All rights reserved.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

UbuntuDebianPercona

1.Percona

```
#gpg --keyserver hkp://keys.gnupg.net --recv-keys 1C4CBDCDCD2EFD2A
#gpg -a --export CD2EFD2A | sudo apt-key add -
```

```
root@ ~:~# gpg --keyserver hkp://keys.gnupg.net --recv-keys 1C4CBDCDCD2EFD2A
gpg: directory '/root/.gnupg' created
gpg: new configuration file '/root/.gnupg/gpg.conf' created
gpg: WARNING: options in '/root/.gnupg/gpg.conf' are not yet active during this run
gpg: keyring '/root/.gnupg/secring.gpg' created
gpg: keyring '/root/.gnupg/pubring.gpg' created
gpg: requesting key CD2EFD2A from hkp server keys.gnupg.net
gpg: /root/.gnupg/trustdb.gpg: trustdb created
gpg: key CD2EFD2A: public key "Percona MySQL Development Team <mysql-dev@percona.com>" imported
gpg: Total number processed: 1
gpg:          imported: 1
root@ ~:~# gpg -a --export CD2EFD2A | sudo apt-key add -
sudo: unable to resolve host 
OK
```

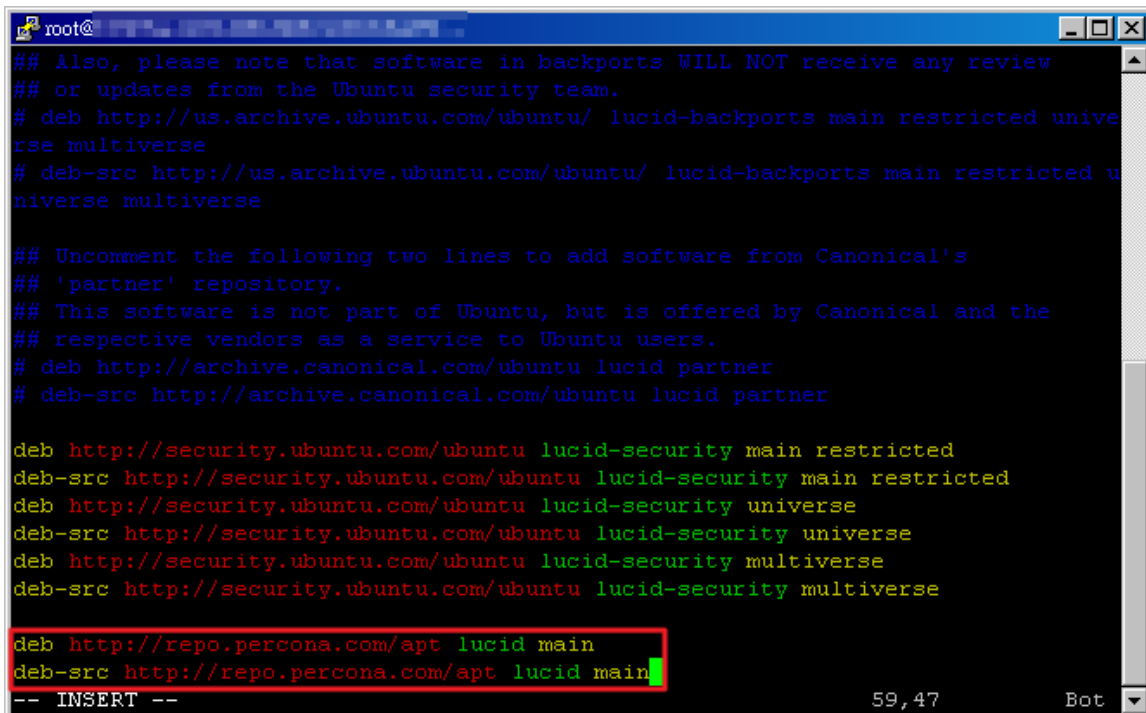
2.OSOS/etc/apt/sources.list

```
#vi /etc/apt/sources.list
```

2-1 Ubuntu

a. Ubuntu10

```
deb http://repo.percona.com/apt lucid main
deb-src http://repo.percona.com/apt lucid main
```



```
root@ ~
## Also, please note that software in backports WILL NOT receive any review
## or updates from the Ubuntu security team.
# deb http://us.archive.ubuntu.com/ubuntu/ lucid-backports main restricted universe
# deb-src http://us.archive.ubuntu.com/ubuntu/ lucid-backports main restricted universe
# deb http://archive.canonical.com/ubuntu lucid partner
# deb-src http://archive.canonical.com/ubuntu lucid partner

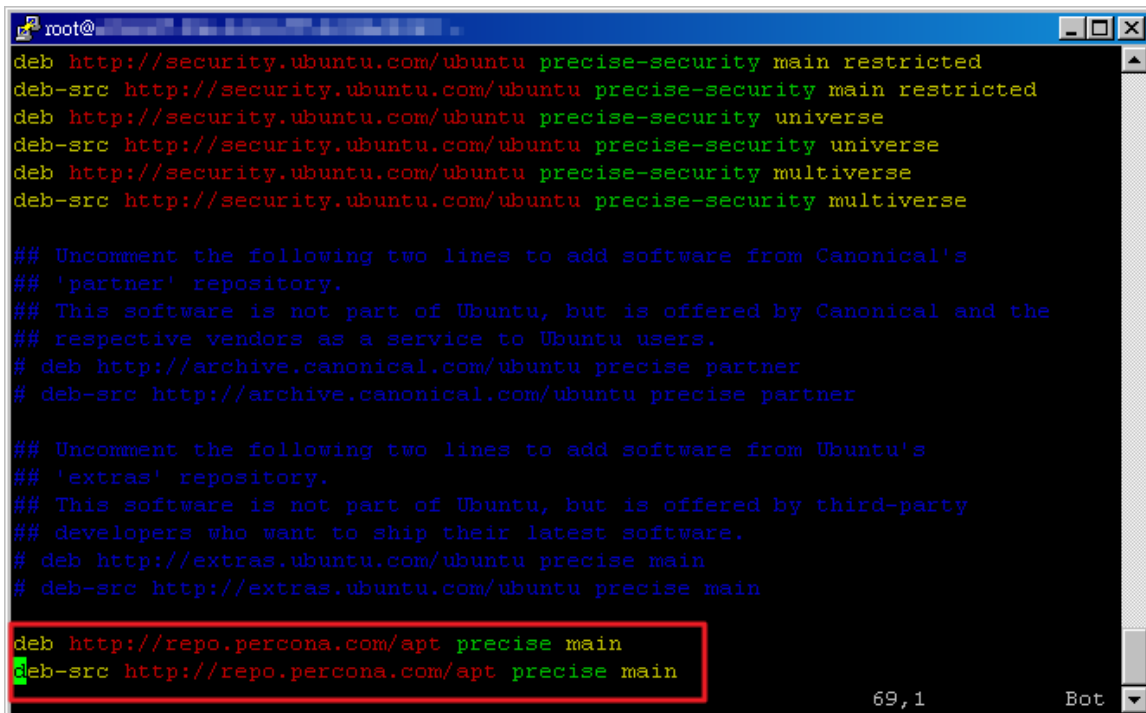
## Uncomment the following two lines to add software from Canonical's
## 'partner' repository.
## This software is not part of Ubuntu, but is offered by Canonical and the
## respective vendors as a service to Ubuntu users.
# deb http://archive.canonical.com/ubuntu lucid partner
# deb-src http://archive.canonical.com/ubuntu lucid partner

deb http://security.ubuntu.com/ubuntu lucid-security main restricted
deb-src http://security.ubuntu.com/ubuntu lucid-security main restricted
deb http://security.ubuntu.com/ubuntu lucid-security universe
deb-src http://security.ubuntu.com/ubuntu lucid-security universe
deb http://security.ubuntu.com/ubuntu lucid-security multiverse
deb-src http://security.ubuntu.com/ubuntu lucid-security multiverse

deb http://repo.percona.com/apt lucid main
deb-src http://repo.percona.com/apt lucid main
-- INSERT --
```

b. Ubuntu12

```
deb http://repo.percona.com/apt precise main
deb-src http://repo.percona.com/apt precise main
```



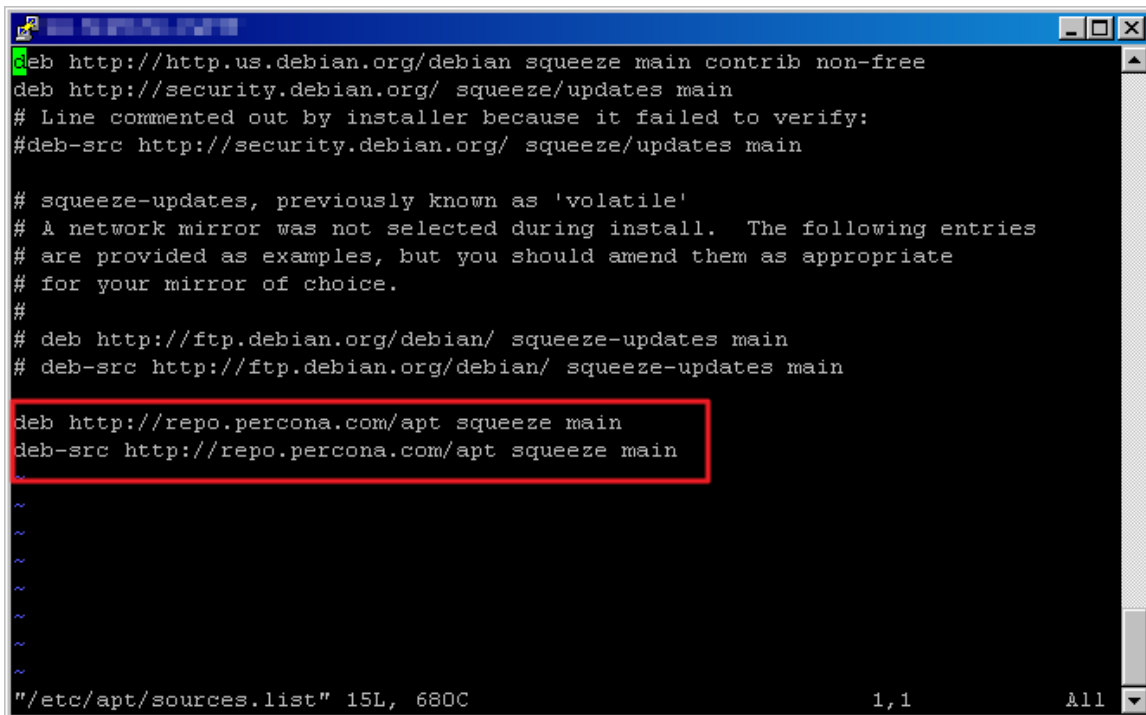
```
root@ ~
deb http://security.ubuntu.com/ubuntu precise-security main restricted
deb-src http://security.ubuntu.com/ubuntu precise-security main restricted
deb http://security.ubuntu.com/ubuntu precise-security universe
deb-src http://security.ubuntu.com/ubuntu precise-security universe
deb http://security.ubuntu.com/ubuntu precise-security multiverse
deb-src http://security.ubuntu.com/ubuntu precise-security multiverse

## Uncomment the following two lines to add software from Canonical's
## 'partner' repository.
## This software is not part of Ubuntu, but is offered by Canonical and the
## respective vendors as a service to Ubuntu users.
# deb http://archive.canonical.com/ubuntu precise partner
# deb-src http://archive.canonical.com/ubuntu precise partner

## Uncomment the following two lines to add software from Ubuntu's
## 'extras' repository.
## This software is not part of Ubuntu, but is offered by third-party
## developers who want to ship their latest software.
# deb http://extras.ubuntu.com/ubuntu precise main
# deb-src http://extras.ubuntu.com/ubuntu precise main

deb http://repo.percona.com/apt precise main
deb-src http://repo.percona.com/apt precise main
```

```
deb http://repo.percona.com/apt squeeze main
deb-src http://repo.percona.com/apt squeeze main
```



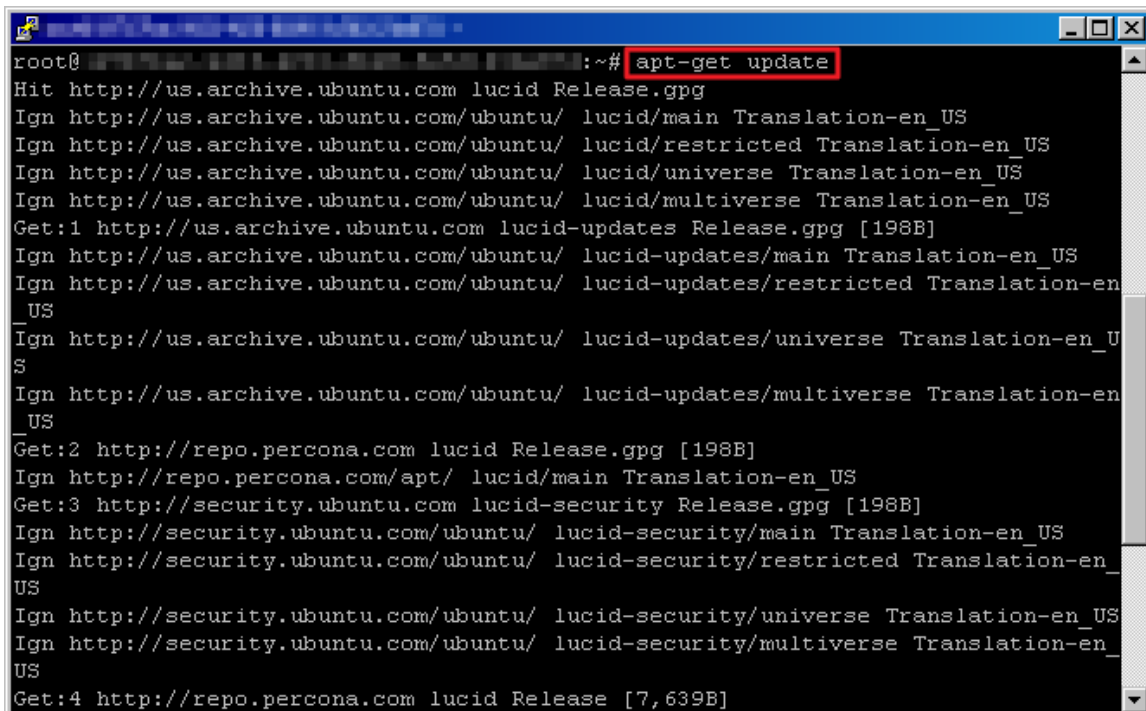
```
deb http://http.us.debian.org/debian squeeze main contrib non-free
deb http://security.debian.org/ squeeze/updates main
# Line commented out by installer because it failed to verify:
#deb-src http://security.debian.org/ squeeze/updates main

# squeeze-updates, previously known as 'volatile'
# & network mirror was not selected during install. The following entries
# are provided as examples, but you should amend them as appropriate
# for your mirror of choice.
#
# deb http://ftp.debian.org/debian/ squeeze-updates main
# deb-src http://ftp.debian.org/debian/ squeeze-updates main

deb http://repo.percona.com/apt squeeze main
deb-src http://repo.percona.com/apt squeeze main
~
~
~
~
~
~
~
"/etc/apt/sources.list" 15L, 680C 1,1 All
```

3.

```
#apt-get update
```



```
root@ ~:~# apt-get update
Hit http://us.archive.ubuntu.com lucid Release.gpg
Ign http://us.archive.ubuntu.com/ubuntu/ lucid/main Translation-en_US
Ign http://us.archive.ubuntu.com/ubuntu/ lucid/restricted Translation-en_US
Ign http://us.archive.ubuntu.com/ubuntu/ lucid/universe Translation-en_US
Ign http://us.archive.ubuntu.com/ubuntu/ lucid/multiverse Translation-en_US
Get:1 http://us.archive.ubuntu.com lucid-updates Release.gpg [198B]
Ign http://us.archive.ubuntu.com/ubuntu/ lucid-updates/main Translation-en_US
Ign http://us.archive.ubuntu.com/ubuntu/ lucid-updates/restricted Translation-en_US
Ign http://us.archive.ubuntu.com/ubuntu/ lucid-updates/universe Translation-en_US
Ign http://us.archive.ubuntu.com/ubuntu/ lucid-updates/multiverse Translation-en_US
Get:2 http://repo.percona.com lucid Release.gpg [198B]
Ign http://repo.percona.com/apt/ lucid/main Translation-en_US
Get:3 http://security.ubuntu.com lucid-security Release.gpg [198B]
Ign http://security.ubuntu.com/ubuntu/ lucid-security/main Translation-en_US
Ign http://security.ubuntu.com/ubuntu/ lucid-security/restricted Translation-en_US
Ign http://security.ubuntu.com/ubuntu/ lucid-security/universe Translation-en_US
Ign http://security.ubuntu.com/ubuntu/ lucid-security/multiverse Translation-en_US
Get:4 http://repo.percona.com lucid Release [7,639B]
```

4.Percona


```
#apt-get install percona-server-server-5.5 percona-server-client-5.5
```

```
root@ ~# apt-get install percona-server-server-5.5 percona-server-client-5.5
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  libaio1 libdbi-perl libmysqlclient18 libnet-daemon-perl libplrpc-perl
  percona-server-common-5.5
Suggested packages:
  dbishell tinyca
The following NEW packages will be installed:
  libaio1 libdbi-perl libmysqlclient18 libnet-daemon-perl libplrpc-perl
  percona-server-client-5.5 percona-server-common-5.5
  percona-server-server-5.5
0 upgraded, 8 newly installed, 0 to remove and 73 not upgraded.
Need to get 60.3MB of archives.
After this operation, 199MB of additional disk space will be used.
Do you want to continue [Y/n]? 
```

5.root

```
# mysqladmin -u root password 1qaz
```

6.mysql

```
#mysql -uroot -p
```

```
[root@ ~]# mysql -uroot -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 22
Server version: 5.5.27-28.1 Percona Server (GPL), Release rel28.1, Revision 296

Copyright (c) 2000, 2011, Oracle and/or its affiliates. All rights reserved.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> 
```