Ubuntu mirror site

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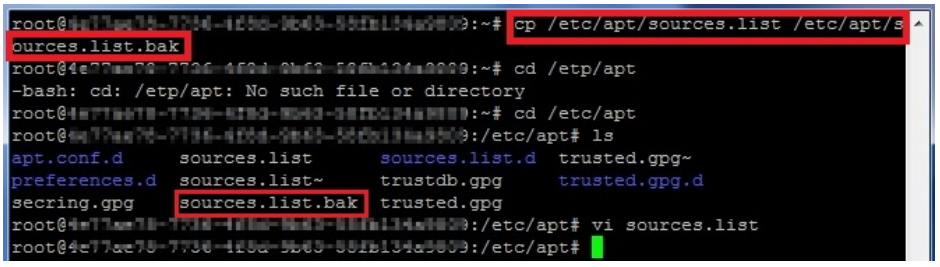
目前MiCloud提供的系統各自採用國外所提供的套件庫，主要是因爲台灣的鏡像站點並不保證其服務的可靠度及可用率，但您也可以透過修改設定檔將套件庫來源指向台灣，其可靠度您必須自行評估，以保障您的虛擬主機。
Ubuntu採用APT套件管理，其套件庫的修改與設定相似，實際修改方式如下說明:

變更套件來源

登入後，請先複製"sources.list"檔案，此檔案存放在"/etc/apt/"下，此複製動作針對改錯時，未來可以回復原來的檔案。將sources.list檔案複製一份，命名爲sources.bak，指令如下

```
#cp /etc/apt/sources.list /etc/apt/sources.list.bak
```

備份完成後請至/etc/apt下確認是否成功增加sources.list.bak檔，如下圖



確認Ubuntu版本並編輯sorces.list，編輯指令如下

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

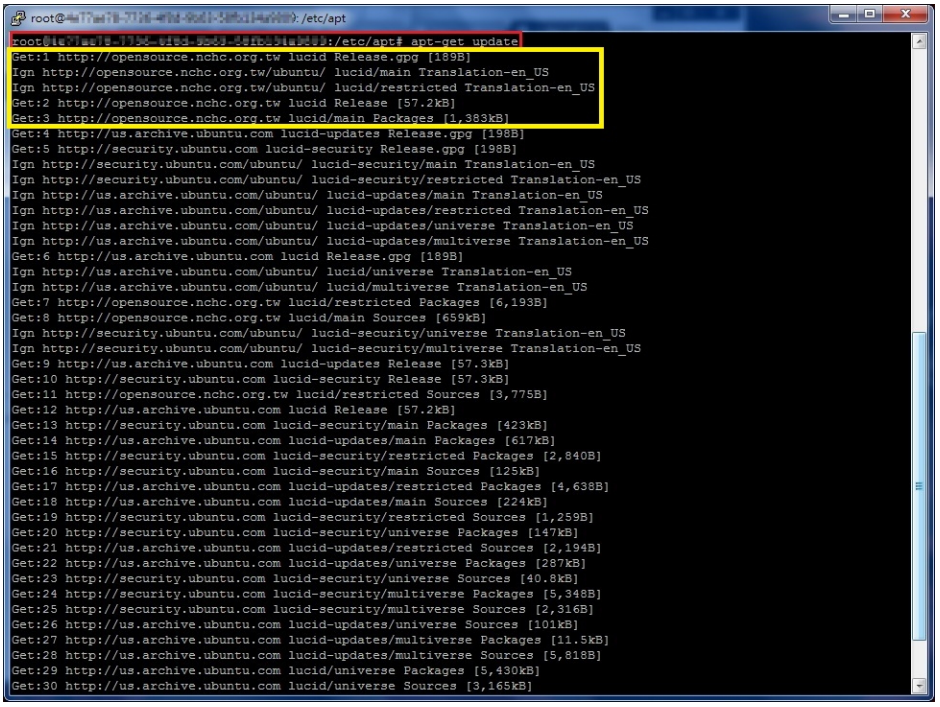
原來的套件庫參考網站爲http://us.archive.ubuntu.com/ubuntu/，將其改爲參考台灣鏡像站http://opensource.nchn.org.tw/ubuntu/，下圖紅色框框部分即是要修改的部分，Ubuntu有分多個模組，用戶可以自行選擇哪幾個要變更。

```
deb http://opensource.nchc.org.tw/ubuntu/ lucid main restricted
deb-src http://opensource.nchc.org.tw/ubuntu/ lucid main restricted
```

修改完後儲存即可。

請執行更改後的檔案，並確認是否更新，執行指令及畫面如下:
黃色框框部分即更改過後，系統於您更改的路徑中找尋到可更新套件。

```
#apt-get update
```



更多**Ubuntu mirror site list**

- Ubuntu全球映射站

https://launchpad.net/ubuntu/+archivemirrors

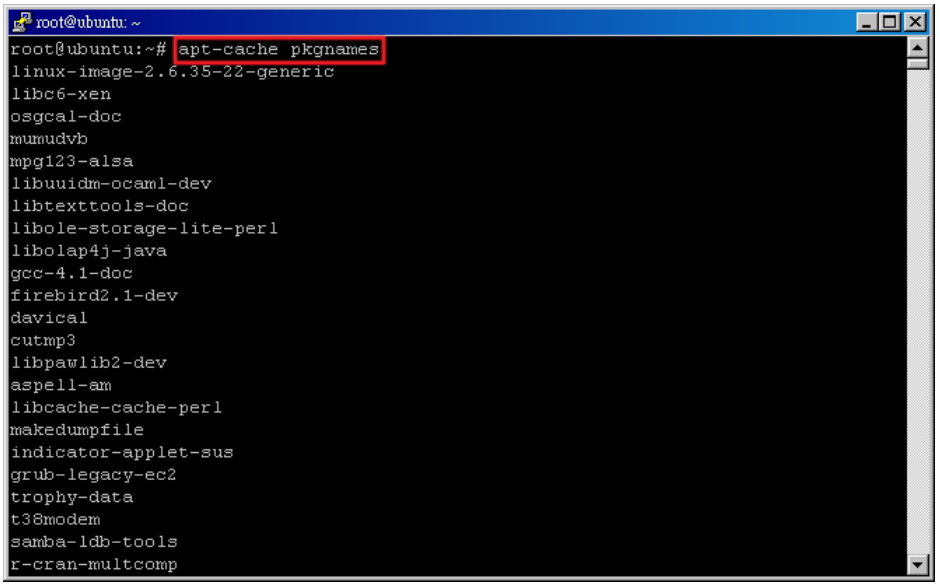
- 台灣鏡像站推薦使用

http://opensource.nchc.org.tw/ubuntu/
http://ftp.nchc.org.tw/ubuntu/
http://free.nchc.org.tw/ubuntu/
http://ftp.twaren.net/ubuntu/

安裝非預載套件

使用apt指令安裝Ubuntu套件，相關指令如下:
先查詢可安裝的套件

```
#apt-cache pkgnames
```



若找不到您需要的套件也可透過下面的指令來搜尋

```
#apt-cache search [套件名稱/關鍵字]
```

```
root@ubuntu: ~
root@ubuntu:~# apt-cache search rpm
librpm-dbg - debugging symbols for RPM
librpm-dev - RPM shared library, development kit
librpm0 - RPM shared library
librpmbuild0 - RPM build shared library
librpmio0 - RPM IO shared library
python-renderpm - python low level render interface
rpm - package manager for RPM
rpm-common - common files for RPM
rpm2cpio - tool to convert RPM package to CPIO archive
bleachbit - delete unnecessary files from the system
ceve - utility to parse package dependencies as set of constraints
createrepo - generates the metadata necessary for a RPM package repository
cvschangelogbuilder - perl utility to generate ChangeLogs or html cvs reports
debaux - Debian Auxiliary Programs
edos-distcheck - Checks whether dependencies of packages can be satisfied
edos-rpmcheck - Check package dependencies (transitional package)
epm - Cross-platform package builder by Easy Software Products
extract - displays meta-data from files of arbitrary type
kleansweep - File cleaner for KDE
krusader - twin-panel (commander-style) file manager
libextractor1c2a - extracts meta-data from files of arbitrary type (library)
libsource-highlight-dev - convert to syntax highlighted document (development fi
les)
```

再執行安裝，指令如下

```
#apt-get install [套件名稱]
```

```
root@ubuntu:~# apt-get install rpm-i18n
Reading package lists... Done
Building dependency tree
Reading state information... Done
Suggested packages:
  rpm
The following NEW packages will be installed:
  rpm-i18n
0 upgraded, 1 newly installed, 0 to remove and 67 not upgraded.
Need to get 717kB of archives.
After this operation, 2,417kB of additional disk space will be used.
Get:1 http://us.archive.ubuntu.com/ubuntu/ lucid/universe rpm-i18n 4.7.2-1lbuild
1 [717kB]
Fetched 717kB in 2s (255kB/s)
Selecting previously deselected package rpm-i18n.
(Reading database ... 38998 files and directories currently installed.)
Unpacking rpm-i18n (from .../rpm-i18n_4.7.2-1lbuild1_all.deb) ...
Processing triggers for man-db ...
Setting up rpm-i18n (4.7.2-1lbuild1) ...
```

檢查是否安裝成功，指令

```
#dpkg --get-selections | grep "套件名稱"
```

```
root@ubuntu:~# dpkg --get-selections | grep "rpm-i18n"
rpm-i18n                                        install
```

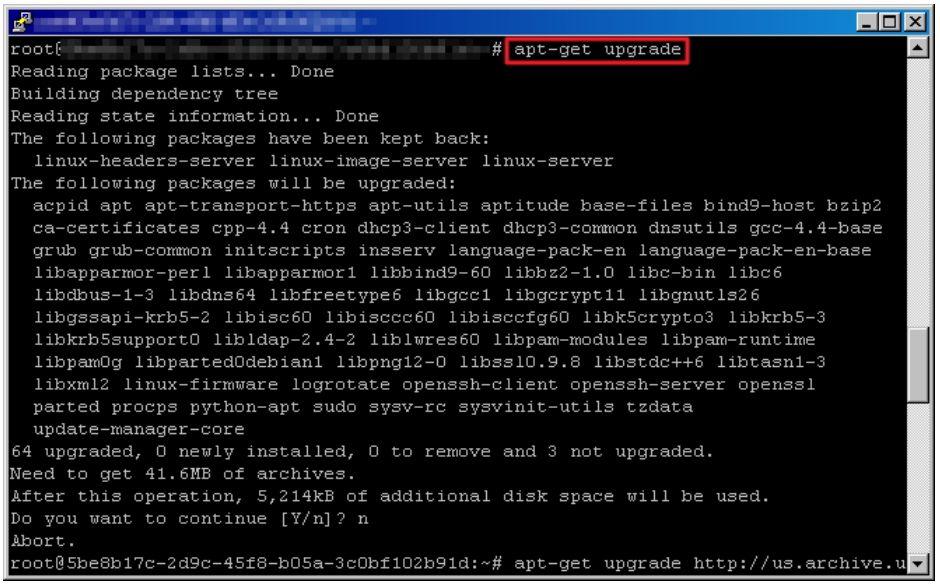
若想移除套件，指令如下

```
#apt-get remove [套件名稱]
```

```
root@ubuntu:~# apt-get remove rpm-i18n
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
  tntnet-runtime libcxxtools6 libtntnet8
Use 'apt-get autoremove' to remove them.
The following packages will be REMOVED:
  rpm-i18n
0 upgraded, 0 newly installed, 1 to remove and 67 not upgraded.
After this operation, 2,417kB disk space will be freed.
Do you want to continue [Y/n]? y
(Reading database ... 39055 files and directories currently installed.)
Removing rpm-i18n ...
Processing triggers for man-db ...
```

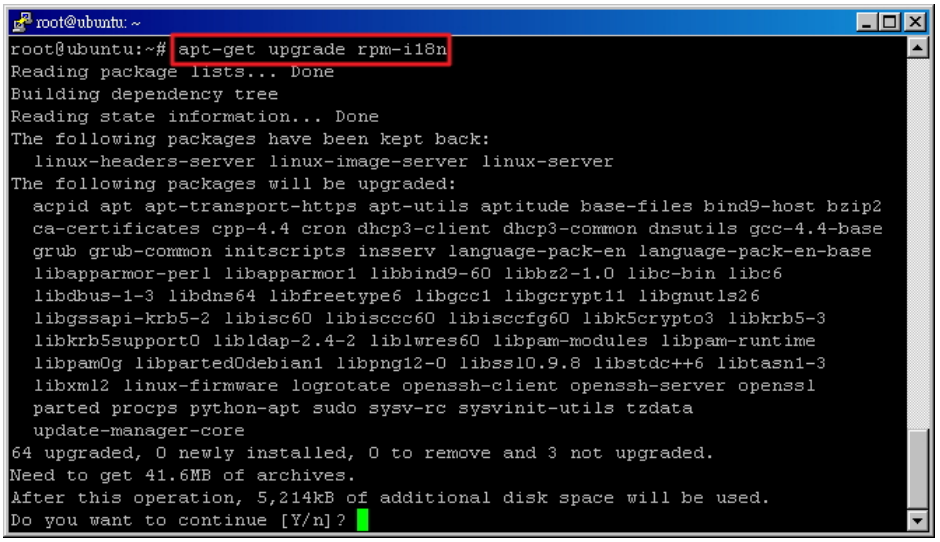
若要更新已安裝的套件，指令如下:
(此指令可一次升級所有已安裝套件的版本，也可以單獨升級某指定套件。)

```
#apt-get upgrade
```



只更新某套件

```
#apt-get upgrade [套件名稱]
```



List of attachments

Kind	Attachment Name	Size	Version	Date Modified	Author	Change note
jpg	ubchange1.jpg	47.0 kB	2	13-七月-2012 03:03	micloud	
jpg	ubcp.jpg	117.7 kB	2	13-七月-2012 03:03	micloud	
jpg	ubupdate1.jpg	665.5 kB	2	13-七月-2012 03:03	micloud	
png	un_apt_ install.png	10.0 kB	1	07-八月-2012 01:25	micloud	
jpg	un_apt_ remove.jpg	84.7 kB	1	07-八月-2012 01:25	micloud	
jpg	un_apt_cache.jpg	100.3 kB	1	07-八月-2012 01:25	micloud	
jpg	un_apt_cache_search.jpg	250.4 kB	1	07-八月-2012 01:25	micloud	
jpg	un_aptupgrade.jpg	265.8 kB	1	07-八月-2012 01:53	micloud	
jpg	un_aptupgrade1.jpg	246.3 kB	1	07-八月-2012 06:49	micloud	
jpg	un_selection.jpg	14.9 kB	1	07-八月-2012 01:32	micloud	

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