

Membuat Server repository local lewat FTP

Sebenarnya ada dua cara, bisa memakai webserver maupun ftp-server, tetapi disini sy bahas yg memakai ftp-server.

Sebagai berikut langkah2nya:

1. Install FTP-Server, kemudian membuat folder ftp untuk repository :

```
# apt-get install vsftpd
# mkdir /home/ftp/repro
# chown -Rf root.root /home/ftp
# chown -Rf ftp.nogroup /home/ftp/repro
# /etc/init.d/vsftpd restart
```

buat lagi folder2 di ftp sebanyak jumlah DVD repository, krn skrng totalnya masih 6 DVD maka:

```
# mkdir /home/ftp/repro/interpid1
# mkdir /home/ftp/repro/interpid2
# mkdir /home/ftp/repro/interpid3
# mkdir /home/ftp/repro/interpid4
# mkdir /home/ftp/repro/interpid5
# mkdir /home/ftp/repro/interpid6
```

2. Buat folder untuk menyimpan image ISO kemudian masuk folder tersebut.

```
# mkdir /home/repro-iso
# cd /home/repro-iso
```

3. Kemudian mendownload satu per satu image ISO ato jika sudah punya DVD repository maka membuat Image.

Klo men-download, sy biasanya mendownload dari <http://kambing.ui.edu>. Lama download 6 DVD repro jika menggunakan speedy dgn speed 1Mbps maka membutuhkan waktu kurang lebih 3hr 3mlm. 🕒

langkah2nya:

```
# wget -c http://kambing.ui.edu/iso/ubuntu-repository/8.10/ubuntu-8.10-repository-i386-1r2\_contrib.iso
# wget -c http://kambing.ui.edu/iso/ubuntu-repository/8.10/ubuntu-8.10-repository-i386-2\_contrib.iso
# wget -c http://kambing.ui.edu/iso/ubuntu-repository/8.10/ubuntu-8.10-repository-i386-3\_contrib.iso
# wget -c http://kambing.ui.edu/iso/ubuntu-repository/8.10/ubuntu-8.10-repository-i386-4\_contrib.iso
# wget -c http://kambing.ui.edu/iso/ubuntu-repository/8.10/ubuntu-8.10-repository-i386-5\_contrib.iso
# wget -c http://kambing.ui.edu/iso/ubuntu-repository/8.10/ubuntu-8.10-repository-i386-6\_contrib.iso
```

untuk mempermudah proses download, buat **crontab** jadi downloadnya bisa diatur dan gak perlu dipantau.

Klo gak mau download krn kelamaan, 6 DVD repro bisa dipesan di <http://http://juragan.kambing.ui.edu>
Sudah punya ke-6 DVD-nya, maka buat ISO image satu persatu, langkah2nya:

masukan DVD satu persatu ke DVD-ROM

```
# dd if=/dev/scd0 of=/home/repro-iso/ubuntu-8.10-repository-i386-1r2_contrib.iso
# dd if=/dev/scd0 of=/home/repro-iso/ubuntu-8.10-repository-i386-2_contrib.iso
# dd if=/dev/scd0 of=/home/repro-iso/ubuntu-8.10-repository-i386-3_contrib.iso
# dd if=/dev/scd0 of=/home/repro-iso/ubuntu-8.10-repository-i386-4_contrib.iso
# dd if=/dev/scd0 of=/home/repro-iso/ubuntu-8.10-repository-i386-5_contrib.iso
# dd if=/dev/scd0 of=/home/repro-iso/ubuntu-8.10-repository-i386-6_contrib.iso
```

4. Sudah siap file ISO-nya, maka kesemuanya bisa di mount kedalam folder ftp satu persatu seperti yg dibuat tadi, agar setiap restart berjalan maka bisa mengedit file **/etc/rc.local**

```
# mount -o loop /home/repro-iso/ubuntu-8.10-repository-i386-1r2_contrib.iso /home/ftp/repro/interpid1
# mount -o loop /home/repro-iso/ubuntu-8.10-repository-i386-2_contrib.iso /home/ftp/repro/interpid2
# mount -o loop /home/repro-iso/ubuntu-8.10-repository-i386-3_contrib.iso /home/ftp/repro/interpid3
# mount -o loop /home/repro-iso/ubuntu-8.10-repository-i386-4_contrib.iso /home/ftp/repro/interpid4
# mount -o loop /home/repro-iso/ubuntu-8.10-repository-i386-5_contrib.iso /home/ftp/repro/interpid5
# mount -o loop /home/repro-iso/ubuntu-8.10-repository-i386-6_contrib.iso /home/ftp/repro/interpid6
```

5. Restart server

```
# reboot
```

6. tinggal kita setting di sisi client, edit **/etc/apt/source.list**, tambahkan baris diatas sendiri :

```
# ISO Repro from www.kambing.ui.edu
deb ftp://[IP_Server]/repro/interpid1/ intrepid main
deb ftp://[IP_Server]/repro/interpid2/ intrepid main multiverse restricted
deb ftp://[IP_Server]/repro/interpid3/ intrepid universe
deb ftp://[IP_Server]/repro/interpid4/ intrepid universe
deb ftp://[IP_Server]/repro/interpid5/ intrepid universe
deb ftp://[IP_Server]/repro/interpid6/ intrepid universe
```

kemudian lakukan update:

```
# apt-get update
```

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