

第十五週

11127138 林雨臻

1. 將 /etc/sysconfig、/usr/bin 下檔案打包成 test.tar。

```
[s11127138@localhost ~]$ sudo tar -cvf test.tar /etc/sysconfig /usr/bin
[sudo] password for s11127138:
tar: Removing leading '/' from member names
/etc/sysconfig/
/etc/sysconfig/nftables.conf
tar: Removing leading '/' from hard link targets
/etc/sysconfig/samba
/etc/sysconfig/crond
/etc/sysconfig/run-parts
/etc/sysconfig/wpa_supplicant
/etc/sysconfig/raid-check
/etc/sysconfig/cpupower
```

```
[s11127138@localhost ~]$ ls
abc123          avahi-set-host-name  dirc      installlist  Pictures      Templates
appstream-compose Desktop             Documents  Music        Public        test.tar
avahi-resolve-host-name dira              Downloads  myls         s11127138-1008 Videos
[s11127138@localhost ~]$
```

2. 列出 test.tar 內容檔案清單。

```
[s11127138@localhost ~]$ tar -tf test.tar
etc/sysconfig/
etc/sysconfig/nftables.conf
etc/sysconfig/samba
etc/sysconfig/crond
etc/sysconfig/run-parts
etc/sysconfig/wpa_supplicant
etc/sysconfig/raid-check
etc/sysconfig/cpupower
etc/sysconfig/rsyslog
etc/sysconfig/selinux
etc/sysconfig/network-scripts/
etc/sysconfig/network-scripts/readme-ifcfg-rh.txt
```

3. 用 rsync 方式將 test.tar 檔案以遠端登入方式送給之前第十週練習建的 tony 帳號。

```
s11127138@localhost:~ x tony@localhost:~
[s11127138@localhost ~]$ rsync -avz test.tar tony@192.168.37.130:/tonyhome
tony@192.168.37.130's password:
sending incremental file list
test.tar

sent 77,668,972 bytes received 35 bytes 8,175,684.95 bytes/sec
total size is 218,777,600 speedup is 2.82
[s11127138@localhost ~]$
```

```
[tony@localhost ~]$ ls
test.tar
```

4. 列出目前使用的 swap 資料。

```
[s11127138@localhost ~]$ swapon --show
NAME      TYPE      SIZE USED PRIO
/dev/dm-1 partition 1.5G 516M -2
[s11127138@localhost ~]$ swapon -s
Filename                                Type      Size      Used      Priority
/dev/dm-1                               partition 1572860   528384    -2
[s11127138@localhost ~]$
```

5. 在 home directory 下產生一的 100MB 的檔案，將它加入當 swap 用。

```
[s11127138@localhost ~]$ dd if=/dev/zero of=swapfile bs=1M count=100
100+0 records in
100+0 records out
104857600 bytes (105 MB, 100 MiB) copied, 0.0893575 s, 1.2 GB/s
[s11127138@localhost ~]$ mkswap swapfile
mkswap: swapfile: insecure permissions 0644, fix with: chmod 0600 swapfile
Setting up swapspace version 1, size = 100 MiB (104853504 bytes)
no label, UUID=36907d9a-3a08-45e9-bbd7-0f6766c40ee2
```

```
[s11127138@localhost ~]$ sudo swapon swapfile
[sudo] password for s11127138:
swapon: /home/s11127138/swapfile: insecure permissions 0644, 0600 suggested.
swapon: /home/s11127138/swapfile: insecure file owner 1000, 0 (root) suggested.
[s11127138@localhost ~]$ swapon --show
NAME      TYPE      SIZE USED PRIO
/dev/dm-1 partition 1.5G 516M -2
/home/s11127138/swapfile file       100M  0B  -3
[s11127138@localhost ~]$
```