

# Remote backup

[Debian TS-WXL](#)

I always back up to a different machine with rsync, because just backing up to a local disk with tar + gz can not recover if the disk crashes.

## Install rsync

Install rsync.

```
tswxl:~# apt-get install rsync
Reading package lists... Done
Building dependency tree
Reading state information... Done
Suggested packages:
  openssh-client openssh-server
The following NEW packages will be installed:
  rsync
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 340kB of archives.
After this operation, 672kB of additional disk space will be used.
Get:1 http://ftp.jp.debian.org lenny/main rsync 3.0.3-2 [340kB]
Fetched 340kB in 0s (497kB/s)
Selecting previously deselected package rsync.
(Reading database ... 9793 files and directories currently installed.)
Unpacking rsync (from .../rsync_3.0.3-2_armel.deb) ...
Processing triggers for man-db ...
Setting up rsync (3.0.3-2) ...
! odxl: ~ #
```

## Modify inetd.conf

Set to start from inetd and reload

```
tswxl:~# cd /etc
tswxl:/etc# mv inetd.conf{,.orig}
tswxl:/etc# cp inetd.conf{.orig,}
tswxl:/etc# echo 'rsync stream tcp nowait root /usr/sbin/tcpd /usr/bin/rsync --daemon' >> inetd.conf
tswxl:/etc# tail !$
tail inetd.conf
#BOOT: TFTP service is provided primarily for booting. Most sites
#      run this only on machines acting as "boot servers."

#RPC: RPC based services

#HAM-RADIO: amateur-radio services

#OTHER: Other services

rsync stream tcp nowait root /usr/sbin/tcpd /usr/bin/rsync --daemon
tswxl:/etc# kill -HUP `cat /var/run/inetd.pid`
tswxl:/etc#
```

## Modify rsyncd.conf

Restrict access range

```
tswxl:/etc# ls /etc/rsync*
ls: cannot access /etc/rsync*: No such file or directory
```

```
tswxl:/etc# cat > rsyncd.conf
[Backup]

    path = /mnt/Backup
    hosts allow = 192.168.2.0/24
tswxl:/etc#
```

## Modify backup script

Fix remote backup script running on LS-HL and (first generation) KuroBox.

```
[root@link sbin]# cat !$
cat Backup.to.link
#! /bin/sh

LOCKFILE=/tmp/`basename $0`
if [ -f $LOCKFILE ]
then
    echo $0 already running
    exit
be
touch $LOCKFILE

#-----
cd /mnt
for SRCHOST in giga sil mt ns ude tswxl
do
    echo
    echo $ SRCHOST
    echo
    su yasanari -c "nice rsync -rtuvpogt1H rsync://$SRCHOST/Backup Backup"
done

#-----
rm -f $LOCKFILE

#-----
# APR
echo -n "EEEE" > /dev/ttyS1

/sbin/shutdown -h now
[root@link sbin]#
```

## Perform remote backup

```
[root@link sbin]# /bin/sh /usr/local/sbin/Backup.to.link
:
:

odxl
receiving file list ... done
./
odxl /
odxl / odxl.1005 /
odxl / odxl.1005 / odxl-bin.Fri.tar.gz
tswxl/tswxl.1005/tswxl-boot.Fri.tar.gz
odxl / odxl.1005 / odxl-dev.Fri.tar.gz
tswxl/tswxl.1005/tswxl-etc.Fri.tar.gz
tswxl/tswxl.1005/tswxl-home.Fri.tar.gz
tswxl/tswxl.1005/tswxl-initrd.Fri.tar.gz
odxl / odxl.1005 / odxl-lib.Fri.tar.gz
odxl / odxl.1005 / odxl-media.Fri.tar.gz
tswxl/tswxl.1005/tswxl-opt.Fri.tar.gz
tswxl/tswxl.1005/tswxl-root.Fri.tar.gz
tswxl/tswxl.1005/tswxl-sbin.Fri.tar.gz
tswxl/tswxl.1005/tswxl-selinux.Fri.tar.gz
odxl / odxl.1005 / odxl-srv.Fri.tar.gz
odxl / odxl.1005 / odxl-sys.Fri.tar.gz
tswxl/tswxl.1005/tswxl-usr.Fri.tar.gz
```

odx1 / odx1.1005 / odx1-var.Fri.tar.gz

---

sent 351 bytes received 447869780 bytes 3568686.30 bytes/sec  
total size is 447813929 speedup is 1.00  
:  
:

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TS-WXL

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