

# enable telnet

[Debian](#) [TS-WXL](#)

In order to solve them one by one, telnet and put them inside

## Boot from HDD2 standard firmware

## Insert a test HDD into HDD1

## Log in as root

```
BUFFALO INC. TeraStation series
TS-WXL3B3 login: root
Last login: Sun Mar  7 23:13:16 +0900 2010 on ttyS0.
No mail.
root@TS-WXL3B3:~#
```

## Re-recognize disk

```
root@TS-WXL3B3:~# cd /usr/local/bin
root@TS-WXL3B3:/usr/local/bin# ./hdd_wakeup.sh disk1
:
```

## mount

```
root@TS-WXL3B3:/usr/local/bin# cd
root@TS-WXL3B3:~# mkdir /tmp/root
root@TS-WXL3B3:~# mount -t ext3 /dev/sdb2 /tmp/root
kjournald starting. Commit interval 5 seconds
EXT3-fs warning: maximal mount count reached, running e2fsck is recommended
EXT3 FS on sdb2, internal journal
EXT3-fs: recovery complete.
EXT3-fs: mounted filesystem with ordered data mode.
root@TS-WXL3B3:~#
```

## Check / initrd

Why do I get an error even though I made it properly?

```
root@TS-WXL3B3:/tmp/root# ls
bin      etc      linuxrc  opt      sbin     sys      var
boot     home     media    proc     selinux  tmp
dev      lib      mnt      root     srv      usr
root@TS-WXL3B3:/tmp/root#
```

Gagha. I make linuxrc.  
Start over.

```
root@TS-WXL3B3:/tmp/root# rmdir linuxrc
root@TS-WXL3B3:/tmp/root# mkdir initrd
```

```
root@TS-WXL3B3:/tmp/root#
```

## chroot

```
root@TS-WXL3B3:/tmp/root# chroot .
sh-3.2 # ls
bin  dev  home  lib    mnt  proc  sbin    srv  tmp  var
boot etc  initrd media  opt  root  selinux sys  usr
sh-3.2#
```

## Install telnetd

The required packages are ...

```
sh-3.2# apt-cache search telnet
:
:
inetutils-telnetd - telnet server
:
:
```

Install inetutils-telnetd.

```
sh-3.2# apt-get install inetutils-telnetd
Reading package lists... Done
Building dependency tree... Done
The following extra packages will be installed:
  inetutils-inetd libidn11 libshishi0 shishi-common
Suggested packages:
  shishi
The following NEW packages will be installed:
  inetutils-inetd inetutils-telnetd libidn11 libshishi0 shishi-common
0 upgraded, 5 newly installed, 0 to remove and 0 not upgraded.
Need to get 673kB of archives.
After this operation, 1544kB of additional disk space will be used.
Do you want to continue [Y/n]? y
WARNING: The following packages cannot be authenticated!
  libidn11 inetutils-inetd shishi-common libshishi0 inetutils-telnetd
Install these packages without verification [y/N]? y
Get:1 http://ftp.jp.debian.org lenny/main libidn11 1.8+20080606-1 [140kB]
Get:2 http://ftp.jp.debian.org lenny/main inetutils-inetd 2:1.5.dfsg.1-9 [81.9kB]
Get:3 http://ftp.jp.debian.org lenny/main shishi-common 0.0.37-1 [126kB]
Get:4 http://ftp.jp.debian.org lenny/main libshishi0 0.0.37-1 [222kB]
Get:5 http://ftp.jp.debian.org lenny/main inetutils-telnetd 2:1.5.dfsg.1-9 [104kB]
Fetched 673kB in 1s (667kB/s)
Selecting previously deselected package libidn11.
(Reading database ... 7899 files and directories currently installed.)
Unpacking libidn11 (from .../libidn11_1.8+20080606-1_armel.deb) ...
Selecting previously deselected package inetutils-inetd.
Unpacking inetutils-inetd (from .../inetutils-inetd_2%3a1.5.dfsg.1-9_armel.deb) ...
Selecting previously deselected package shishi-common.
Unpacking shishi-common (from .../shishi-common_0.0.37-1_all.deb) ...
Selecting previously deselected package libshishi0.
Unpacking libshishi0 (from .../libshishi0_0.0.37-1_armel.deb) ...
Selecting previously deselected package inetutils-telnetd.
Unpacking inetutils-telnetd (from .../inetutils-telnetd_2%3a1.5.dfsg.1-9_armel.deb) ...
Processing triggers for man-db ...
Setting up libidn11 (1.8+20080606-1) ...
Setting up inetutils-inetd (2:1.5.dfsg.1-9) ...
Not starting internet superserver: no services enabled. (warning).
Setting up shishi-common (0.0.37-1) ...
Setting up libshishi0 (0.0.37-1) ...
```

Setting up inetutils-telnetd (2:1.5.dfsg.1-9) ...

```
invoke-rc.d: initscript inetutils-inetd, action "force-reload" failed.  
sh-3.2#
```

An error has occurred.

```
sh-3.2# grep telnet /etc/inetd.conf  
## telnet stream tcp nowait root /usr/sbin/telnetd telnetd  
sh-3.2#
```

Disabled. How to enable it right?

For now, edit with sed

```
sh-3.2# cd etc/  
sh-3.2# mv inetd.conf inetd.conf.orig  
sh-3.2 # sed -e 's / ^ ## telnet/telnet/' inetd.conf.orig > inetd.conf  
sh-3.2# diff -c inetd.conf.orig inetd.conf  
*** inetd.conf.orig      Tue Mar 16 23:13:12 2010  
--- inetd.conf           Tue Mar 16 23:16:04 2010  
*****  
*** 20,26 ***  
#time          stream tcp nowait root internal  
  
#:STANDARD: These are standard services.  
! ## telnet     stream tcp nowait root /usr/sbin/telnetd telnetd  
  
#:BSD: Shell, login, exec and talk are BSD protocols.  
  
--- 20,26 ----  
#time          stream tcp nowait root internal  
  
#:STANDARD: These are standard services.  
! telnet       stream tcp nowait root /usr/sbin/telnetd telnetd  
  
#:BSD: Shell, login, exec and talk are BSD protocols.  
  
sh-3.2 # ls -l inetd.conf *  
-rw-r--r-- 1 root root 1112 Mar 16 23:16 inetd.conf  
-rw-r--r-- 1 root root 1120 Mar 16 23:13 inetd.conf.orig  
sh-3.2#
```

## Creating a general user

Since you cannot log in as root, create a general user.

```
sh-3.2 # addgroup --gid 1001 afternoon  
Adding group `yamasita' (GID 1001) ...  
Done.  
sh-3.2 # mkdir / home / afternoon  
sh-3.2 # adduser --home / home / yamasita / yasunari --ingroup yamasita yasunari  
Adding user `yasunari' ...  
Adding new user `yasunari' (1000) with group `yamasita' ...  
Creating home directory `/ home / yamasita / yasunari' ...  
Copying files from `/etc/skel' ...  
Enter new UNIX password:  
Retype new UNIX password:  
passwd: password updated successfully  
Changing the user information for yasunari  
Enter the new value, or press ENTER for the default  
Full Name []: Yasunari Yamashita  
Room Number []:
```

```
Work Phone []:  
Home Phone []:
```

```
Other []:
```

```
Is the information correct? [Y/n] y  
sh-3.2#
```

Is it such a place? ..

## Exit chroot

```
sh-3.2# exit  
exit  
root@TS-WXL3B3:/tmp/root#
```

## Unmount

```
root@TS-WXL3B3:/tmp/root# cd /  
root@TS-WXL3B3:/# umount /tmp/root  
root@TS-WXL3B3:/#
```

## Restart

Press and  
hold the  
power button to turn off the power, remove HDD2 and press the power button

Since linuxrc has not changed,

```
      :  
      :  
---- in hackkit linuxrc ---  
err: RecvPacket: readlen=0.
```

This is the same

```
      :  
      :  
Trying to move old root to /initrd ... okay
```

This is OK.

## telnet

```
Linux 2.6.22.18-mv78100 (x311.yamasita.jp) (pts/0)
```

```
tswxl login: yasunari  
Password:  
Linux odxl 2.6.22.18-mv78100 # 134 Thu Feb 4 11:14:40 JST 2010 armv5tej1
```

The programs included with the Debian GNU/Linux system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/\*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent  
permitted by applicable law.  
yasunari @ tswxl: ~ \$

Dan

---

If you think,

## cannot be root

```
yasunari @ tswxl: ~ $ su-root
Password: Enter only
su: Authentication failure
yasunari @ tswxl: ~ $ su-root
Password: Password you can think of
su: Authentication failure
yasunari @ tswxl: ~ $
```

why? I don't remember the password.

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TS-WXL

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