

Basic system settings

[Debian TS-WXL](#)

Now that the basic system has been created with debootstrap, configure its settings.



Execute from "Basic system settings" on page 153 of SoftwareDesign 2010/1 ([Amazon](#))

Since it is running on the same machine, there is no need to go to "Debian basic system archive" on page 152-"Archive extraction" on page 153.

chroot

chroot to /mnt / debinst /

```
root@TS-WXL3B3:~# chroot /mnt/debinst/
sh-3.2#
```

It's a bit different from SD magazine, but ...

Creating a device file

```
sh-3.2# mount -t proc proc /proc
sh-3.2# cd /dev/
sh-3.2# MAKEDEV generic
(wait a little)
sh-3.2#
```

Create / etc / fstab

Well, SD magazine introduces fstab for single drive, but this time it is a RAID machine, so ...

```
# /etc/fstab: static file system information.
#
# <file system> <mount point> <type> <options> <dump> <pass>
/dev/md1 / xfs defaults,noatime 0 0
proc /proc proc defaults 0 0
```

/dev/md10	swap	swap	defaults	0 0
/dev/md0	/boot	ext3	defaults,noatime	0 0
#/dev/sda6	/mnt/disk1	xfs	defaults,noatime	0 0
#/dev/sdb6	/mnt/disk2	xfs	defaults,noatime	0 0

Such a place?

Leave sd {a, b} 6 unmounted for now. You can leave it as noauto. .

Edit / etc / default / rcS

```
sh-3.2# cd /etc/default/  
sh-3.2# mv rcS rcS.orig  
sh-3.2# grep UTC rcS.orig  
UTC=yes  
sh-3.2# sed -e 's/UTC=yes/UTC=no/' rcS.orig > rcS  
sh-3.2# diff -c rcS.orig rcS  
*** rcS.orig      Tue Aug 12 14:22:51 2008  
--- rcS Sun Mar   7 02:45:32 2010  
*****  
*** 10,16 ****  
    TMPTIME=0  
    SULOGIN = no  
    DELAYLOGIN = no  
! UTC=yes  
    VERBOSE=no  
    FSCKFIX = no  
    RAMRUN = no  
--- 10,16 ----  
    TMPTIME=0  
    SULOGIN = no  
    DELAYLOGIN = no  
! UTC=no  
    VERBOSE=no  
    FSCKFIX = no  
    RAMRUN = no  
sh-3.2# ls -l rcS*  
-rw-r--r-- 1 root root 281 Mar  7 02:45 rcS  
-rw-r--r-- 1 root root 282 Aug 12  2008 rcS.orig  
sh-3.2#
```

For this, sed is enough

Run dpkg-reconfigure tzdata

Select Asia \rightarrow Tokyo

[illegible]

```
Package configuration
lqqqqqqqqqqqqqqqqqqqqqu Configuring tzdata tqqqqqqqqqqqqqqqqqqk
x Please select the time zone corresponding to your location. x
x x
x Time zone: x
x x
x Singapore x
x Taipei a x
x Tashkent a x
x Tbilisi a x
x Tehran a x
x Tel_Aviv a x
x Thimphu a x
x Tokyo a x
x Edge_History x
x Ulaanbaatar a x
x Urumqi x
x x
x <Ok> <Cancel> x
x x
mqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqj
```

sh-3.2#

```
# We always want the loopback interface.
#
car it
iface lo inet loopback

# To use dhcp:
#
# auto eth0
# iface eth0 inet dhcp

# Static IP setup: (broadcast and gateway are optional)
#
auto eth0
iface eth0 inet static
    address 192.168.2.70
    network 192.168.2.0
    netmask 255.255.255.0
    broadcast 192.168.2.255
    gateway 192.168.2.1
```

/etc/resolv.conf

```
sh-3.2# cat /etc/resolv.conf
nameserver 192.168.2.39
nameserver 192.168.1.2
search yamasita.jp
sh-3.2#
```

When did you set it? ? ? debootstrap?

/etc/hostname

It does not exist by default, so create it.

```
sh-3.2# echo tswx1 > /etc/hostname
sh-3.2# cat !$
cat /etc/hostname
odx1
sh-3.2#
```

/ etc / inittab settings

```
sh-3.2# cd /etc
sh-3.2# mv inittab inittab.orig
sh-3.2# cp inittab.orig inittab
sh-3.2# vi inittab
      :
      :
sh-3.2# ls -l inittab*
-rw-r--r-- 1 root root 2063 Mar  7 11:59 inittab
-rw-r--r-- 1 root root 2008 Aug 12  2008 inittab.orig
sh-3.2# diff -u inittab.orig inittab
--- inittab.orig          2008-08-12 23:25:30.000000000 +0900
+++ inittab               2010-03-07 11:59:05.000000000 +0900
@@ -52,16 +52,17 @@
# so if you want to add more getty's go ahead but skip tty7 if you run X.
#
1:2345:respawn:/sbin/getty 38400 tty1
-2:23:respawn:/sbin/getty 38400 tty2
-3:23:respawn:/sbin/getty 38400 tty3
-4:23:respawn:/sbin/getty 38400 tty4
-5:23:respawn:/sbin/getty 38400 tty5
-6:23:respawn:/sbin/getty 38400 tty6
+#2:23:respawn:/sbin/getty 38400 tty2
+#3:23:respawn:/sbin/getty 38400 tty3
+#4:23:respawn:/sbin/getty 38400 tty4
+#5:23:respawn:/sbin/getty 38400 tty5
+#6:23:respawn:/sbin/getty 38400 tty6

# Example how to put a getty on a serial line (for a terminal)
#
#T0:23:respawn:/sbin/getty -L ttyS0 9600 vt100
#T1:23:respawn:/sbin/getty -L ttyS1 9600 vt100
+T0:2345:respawn:/sbin/getty -L ttyS0 115200 vt100

# Example how to put a getty on a modem line.
#
sh-3.2#
```

Exit chroot

```
sh-3.2# exit
exit
```

```
root@TS-WXL3B3:~#
```

Copy kernel module

```
root@TS-WXL3B3:~# cd /
root@TS-WXL3B3:/# tar cf - lib/modules/ | (cd /mnt/debinst/; tar xvf -)
lib/modules/
lib/modules/2.6.22.18-mv78100/
lib/modules/2.6.22.18-mv78100/modules.ccwmap
lib/modules/2.6.22.18-mv78100/modules.symbols
lib/modules/2.6.22.18-mv78100/modules.ieee1394map
lib/modules/2.6.22.18-mv78100/modules.seriomap
lib/modules/2.6.22.18-mv78100/modules.ofmap
:
:
lib/modules/2.6.22.18-88f6281/modules.usbmap
lib/modules/2.6.22.18-88f6281/modules.inputmap
lib/modules/2.6.22.18-88f6281/modules.dep
lib/modules/2.6.22.18-88f6281/modules.alias
root@TS-WXL3B3:/#
```

Same as / boot for mv78100 and 88f6281

```
root@TS-WXL3B3:/# uname -a
Linux TS-WXL3B3 2.6.22.18-mv78100 #134 Thu Feb 4 11:14:40 JST 2010 armv5tejl unknown
root@TS-WXL3B3:/#
```

So you don't need 88f6281. Put out

```
root@TS-WXL3B3:/# rm -fr /mnt/debinst/lib/modules/2.6.22.18-88f6281/
root@TS-WXL3B3:/#
```

That 's all for now.



TS-WXL

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