

WIP

Linux From Scratch - Version 12.1-systemd		
Chapter 7. Entering Chroot and Building Additional Temporary Tools		
	/	
Chroot		

7.6.

```
Linux /etc/mtab
      /proc
      . etc/mtab
```

```
ln -sv /proc/self/mounts /etc/mtab
```

```
Perl /etc/hosts
```

```
cat > /etc/hosts << EOF
127.0.0.1 localhost $(hostname)
::1 localhost
EOF
```

```
root/ 가 "root" /etc/passwd /etc/group
      /etc/passwd :
```

```
cat > /etc/passwd << "EOF"
root:x:0:0:root:/root:/bin/bash
bin:x:1:1:bin:/dev/null:/usr/bin/false
daemon:x:6:6:Daemon User:/dev/null:/usr/bin/false
messagebus:x:18:18:D-Bus Message Daemon User:/run/dbus:/usr/bin/false
systemd-journal-gateway:x:73:73:systemd Journal Gateway:/:/usr/bin/false
systemd-journal-remote:x:74:74:systemd Journal Remote:/:/usr/bin/false
systemd-journal-upload:x:75:75:systemd Journal Upload:/:/usr/bin/false
systemd-network:x:76:76:systemd Network Management:/:/usr/bin/false
systemd-resolve:x:77:77:systemd Resolver:/:/usr/bin/false
systemd-timesync:x:78:78:systemd Time Synchronization:/:/usr/bin/false
systemd-coredump:x:79:79:systemd Core Dumper:/:/usr/bin/false
uidd:x:80:80:UID Generation Daemon User:/dev/null:/usr/bin/false
systemd-oom:x:81:81:systemd Out Of Memory Daemon:/:/usr/bin/false
nobody:x:65534:65534:Unprivileged User:/dev/null:/usr/bin/false
EOF
```

root

/etc/group

```
cat > /etc/group << "EOF"
root:x:0:
bin:x:1:daemon
sys:x:2:
kmem:x:3:
tape:x:4:
tty:x:5:
daemon:x:6:
floppy:x:7:
disk:x:8:
lp:x:9:
dialout:x:10:
audio:x:11:
video:x:12:
utmp:x:13:
cdrom:x:15:
adm:x:16:
messagebus:x:18:
systemd-journal:x:23:
input:x:24:
mail:x:34:
kvm:x:61:
systemd-journal-gateway:x:73:
systemd-journal-remote:x:74:
systemd-journal-upload:x:75:
systemd-network:x:76:
systemd-resolve:x:77:
systemd-timesync:x:78:
systemd-coredump:x:79:
uidd:x:80:
systemd-oom:x:81:
wheel:x:97:
users:x:999:
nogroup:x:65534:
EOF
```

Linux 가 , 9 Udev ,
Linux (LSB) ID(GID)가 0 root
GID가 1 bin , GID 5 tty 5
systemd devpts , GID 가

ID 65534 NFS (NFS
 “ nobody nogroup ”)
 LFS ID ID nobody nogroup
 ID 가 가
 8 가 가

```
echo "tester:x:101:101::/home/tester:/bin/bash" >> /etc/passwd
echo "tester:x:101:" >> /etc/group
install -o tester -d /home/tester
```

“I have no name!” /etc/passwd /etc/group

```
exec /usr/bin/bash --login
```

login,agetty,init () 가

```
touch /var/log/{btmp,lastlog,faillog,wtmp}
chgrp -v utmp /var/log/lastlog
chmod -v 664 /var/log/lastlog
chmod -v 600 /var/log/btmp
```

var/log/wtmp . var/log/lastlog
 가 . var/log/faillog
 . var/log/btmp 가



wtmp, btmp lastlog 32 2038
 가 가

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