



```
root@dhcp:/var/lib/tftpboot# ls
ldlinux.c32      pxelinux.0      ubuntu-installer
netboot.tar.gz  pxelinux.cfg    version.info
root@dhcp:/var/lib/tftpboot# mkdir ubuntu
root@dhcp:/var/lib/tftpboot# mv * ubuntu
mv: cannot move 'ubuntu' to a subdirectory of itself, 'ubuntu/ubuntu'
root@dhcp:/var/lib/tftpboot# ls
ubuntu
root@dhcp:/var/lib/tftpboot#
```

```
root@dhcp:/var/lib/tftpboot# mkdir debian
root@dhcp:/var/lib/tftpboot# cd debian/
root@dhcp:/var/lib/tftpboot/debian# ls
root@dhcp:/var/lib/tftpboot/debian# █
```



root@dhcp: /var/lib/tftpboot



root@dhcp: /var/lib/tftpboot



joe@yavin: ~/Pictures/dual-netboot-2021



```
root@dhcp:/var/lib/tftpboot# echo "wget debian netboot and extract"  
wget debian netboot and extract  
root@dhcp:/var/lib/tftpboot#
```

```
root@dhcp:/var/lib/tftpboot/debian# ls
debian-installer  netboot.tar.gz  pxelinux.cfg
ldlinux.c32      pxelinux.0      version.info
root@dhcp:/var/lib/tftpboot/debian#
```



root@dhcp: /var/lib/tftpboot



joe@yavin: ~



joe@yavin: ~



root@dhcp: /var/lib/tftpboot



```
root@dhcp:/var/lib/tftpboot# vi ubuntu/pxelinux.cfg/default
```

```
# D-I config version 2.0
# search path for the c32 support libraries (libcom32, libutil etc.)
path ubuntu-installer/amd64/boot-screens/
include ubuntu-installer/amd64/boot-screens/menu.cfg
default ubuntu-installer/amd64/boot-screens/vesamenu.c32
#prompt 0
timeout 10
label netbooted-linux
    menu default
    menu label ubuntu
    kernel ubuntu-installer/amd64/linux
    append ks=http://cit.dixie.edu/it/3110/joe-notes-2021/netboot_2/ks.cfg vga
=normal initrd=ubuntu-installer/amd64/initrd.gz ramdisk_size=16432 root=/dev
/rd/0 rw --
label debian
    menu default
    menu label debian
    kernel debian-installer/amd64/linux
    append vga=normal initrd=debian-installer/amd64/initrd.gz ramdisk_size=164
32 root=/dev/rd/0 rw --
```

~

~

~


```
root@dhcp:/var/lib/tftpboot# ls
```

```
ubuntu
```

```
root@dhcp:/var/lib/tftpboot# cd ubuntu/
```

```
root@dhcp:/var/lib/tftpboot/ubuntu# ls
```

```
debian-installer  netboot.tar.gz  pxelinux.cfg  version.info
```

```
ldlinux.c32      pxelinux.0      ubuntu-installer
```

```
root@dhcp:/var/lib/tftpboot/ubuntu# vi pxelinux.cfg/default
```

```
root@dhcp:/var/lib/tftpboot/ubuntu# ls
```

```
debian-installer  netboot.tar.gz  pxelinux.cfg  version.info
```

```
ldlinux.c32      pxelinux.0      ubuntu-installer
```

```
root@dhcp:/var/lib/tftpboot/ubuntu# echo "Dont forget to tell dhcp to look in the ubuntu directory"
```

```
Dont forget to tell dhcp to look in the ubuntu directory
```

```
root@dhcp:/var/lib/tftpboot/ubuntu# █
```

```
# If this DHCP server is the official DHCP server for the local
# network, the authoritative directive should be uncommented.
authoritative;

# Use this to send dhcp log messages to a different log file (you also
# have to hack syslog.conf to complete the redirection).
#log-facility local7;

# No service will be given on this subnet, but declaring it helps the
# DHCP server to understand the network topology.

subnet 144.38.199.32 netmask 255.255.255.240 {
    range 144.38.199.40 144.38.199.46;
    #option domain-name-servers 8.8.8.8;
    option subnet-mask 255.255.255.240;
    option routers 144.38.199.33;

    #put the address of your tftp server
    next-server 144.38.199.34;
    #and the filename
    filename "ubuntu/pxelinux.0"; #that is a zero at the end
}

"/etc/dhcp/dhcpd.conf" 43L, 1382C written
```



```
root@dhcp:/var/lib/tftpboot/ubuntu# service isc-dhcp-server restart
```




ubuntu[®]

Installer boot menu

Install
Command-line install
Advanced options >
Help
ubuntu
debian

Loading debian-installer/amd/linux... in 1 second...
Press ENTER to boot or TAB to edit a menu entry

Remote View Bookmarks Help

 Connect       Send Ctrl-Alt-Del

Installer boot menu

```
Install
Command-line install
Advanced options      >
Help
ubuntu
debian
```

```
Loading debian-installer/amd64/linux... ok second...
Loading debian-installer/amd64/initrd.gz... edit a menu entry
```