

```
joe — root@ns2: /var/lib/tftpboot — ssh jfrancom@ssh.cs.dixie.edu -L 7289:cordelia:7289 — 88x25
...oot/pxelinux.cfg — ssh • ssh yavin  ~ — ssh • ssh yavin  ....dixie.edu -L 7289:cordelia:7289  ~/Desktop — -bash  +
[root@ns2:/var/lib/tftpboot# echo "Begin by creating an initial ram disk for our pxe clients to load"
Begin by creating an initial ram disk for our pxe clients to load
[root@ns2:/var/lib/tftpboot# cp /etc/initramfs-tools/initramfs.conf /etc/initramfs-tools/initramfs.conf.0
[root@ns2:/var/lib/tftpboot# echo "Keep that file for later, now edit the original"
Keep that file for later, now edit the original
[root@ns2:/var/lib/tftpboot# vi /etc/initramfs-tools/initramfs.conf
```

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#
# initramfs.conf
# Configuration file for mkinitramfs(8). See initramfs.conf(5).
#
# Note that configuration options from this file can be overridden
# by config files in the /etc/initramfs-tools/conf.d directory.
#
# MODULES: [ most | netboot | dep | list ]
#
# most - Add most filesystem and all harddrive drivers.
#
# dep - Try and guess which modules to load.
#
# netboot - Add the base modules, network modules, but skip block devices.
#
# list - Only include modules from the 'additional modules' list
#
MODULES=netboot

#
# BUSYBOX: [ y | n | auto ]
#
"/etc/initramfs-tools/initramfs.conf" 73L, 1650C written                20,15                Top
```



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#
# COMPRESS: [ gzip | bzip2 | lzma | lzop | xz ]
#
COMPRESS=gzip
#
# NFS Section of the config.
#
#
# DEVICE: ...
#
# Specify a specific network interface, like eth0
# Overridden by optional ip= bootarg
#
DEVICE=ens3
#
# NFSROOT: [ auto | HOST:MOUNT ]
#
NFSROOT=auto
"/etc/initramfs-tools/initramfs.conf" 74L, 1663C written          67,11          98%
```

```
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root@ns2:/var/lib/tftpboot# mkdir /var/lib/tftpboot/diskless1
root@ns2:/var/lib/tftpboot# mkinitramfs -o /var/lib/tftpboot/diskless1/initrd.img
W: mdadm: /etc/mdadm/mdadm.conf defines no arrays.
root@ns2:/var/lib/tftpboot# cp /boot/vmlinuz-`uname -r` /var/lib/tftpboot/diskless1/vmlinuz
root@ns2:/var/lib/tftpboot# echo "The mkinitramfs command makes the initial ram disk. The cp command copies our kernel image to the tftp location"
The mkinitramfs command makes the initial ram disk. The cp command copies our kernel image to the tftp location
root@ns2:/var/lib/tftpboot#
```