root@dhcp:~# echo "I am on the machine I am currently using for my dhcp/tftp server"
I am on the machine I am currently using for my dhcp/tftp server
root@dhcp:~#
we first must create a ram disk for clients to load
root@dhcp:~# echo "we first must create a ram disk for clients to load"
we first must create a ram disk for clients to load
root@dhcp:~# cp /etc/initramfs-tools/initramfs.conf /etc/initramfs-tools/initramfs.conf.0
root@dhcp:~# echo "Make sure to make a backup like I did above"
Make sure to make a backup like I did above
root@dhcp:~#
root@dhcp:~ # vi /etc/initramfs-tools/initramfs.conf
# COMPRESS: [ gzip | bzip2 | lz4 | lzma | lzop | xz ]

COMPRESS=lz4

# NFS Section of the config.

# DEVICE: ...

# Specify a specific network interface, like eth0
# Overridden by optional ip= or BOOTIF= bootarg

# you should check what device your nic is using
DEVICE=ens4

# NFSROOT: [ auto | HOST:MOUNT ]
netboot - Add the base modules, network modules, but skip block devices.
list - Only include modules from the 'additional modules' list

MODULES=netboot
BOOT=nfs

BUSYBOX: [ y | n | auto ]
Use busybox shell and utilities. If set to n, klibc utilities will be used.
If set to auto (or unset), busybox will be used if installed and klibc will
be used otherwise.

BUSYBOX=auto

COMPCACHE_SIZE: [ "x K" | "x M" | "x G" | "x %" ]
Amount of RAM to use for RAM-based compressed swap space.
mknitramfs -o /var/lib/tftpboot/diskless1/initrd.img

I: The initramfs will attempt to resume from /dev/sda2
I: (UUID=83579614-96e6-4370-9419-b257535cbbc0)
I: Set the RESUME variable to override this.
root@dhcp:~# cp /boot/vmlinuz-$(uname -r) /var/lib/tftpdboot/diskless1/vmlinuz
Copy initrd stuff back over so this machine doesn't break
root@dhcp:~# cp /etc/initramfs-tools/initramfs.conf.0 /etc/initramfs-tools/initramfs.conf
Now make all system files available via nfs