joe@ubuntu:~$ echo "here is another client configuration example. I need to change the hostname. Verify my network settings, and make sure everything is working."
here is another client configuration example. I need to change the hostname. Verify my network settings, and make sure everything is working.
joe@ubuntu:~$
I do not want my hostname to be called 'ubuntu' as you see to the prompt at the left. What I change here has no bearing on DNS. What I change in DNS has no bearing here.

```
joe@ubuntu:~$ sudo vi /etc/hostname```

```
filesystems

"/etc/hostname" 1L, 12C written
That change won't occur until after I reboot

# Dynamic resolv.conf(5) file for glibc resolver(3) generated by resolvconf(8)
# DO NOT EDIT THIS FILE BY HAND -- YOUR CHANGES WILL BE OVERWRITTEN
nameserver 144.38.199.162
nameserver 144.38.199.163
search thegummibear.com

It looks like everything is pointed to my nameserver
# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).

source /etc/network/interfaces.d/*

# The loopback network interface
auto lo
iface lo inet loopback

# The primary network interface
auto ens3
iface ens3 inet static
    address 144.38.199.166
    netmask 255.255.255.224
    network 144.38.199.160
    broadcast 144.38.199.191
    gateway 144.38.199.161
# dns-* options are implemented by the resolvconf package, if installed
dns-nameservers 144.38.199.162 144.38.199.163
dns-search thegummibear.com

joe@ubuntu:~$ echo "You would change the nameservers line in this file if you had to point this host to different nameservers"
You would change the nameservers line in this file if you had to point this host to different nameservers
joe@ubuntu:~$
joe@ubuntu:~$ echo "Can i ping my gateway?"
Can i ping my gateway?
joe@ubuntu:~$ ping 144.38.199.161
PING 144.38.199.161 (144.38.199.161) 56(84) bytes of data.
64 bytes from 144.38.199.161: icmp_seq=1 ttl=255 time=0.669 ms
^C
--- 144.38.199.161 ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 0.669/0.669/0.669/0.000 ms
joe@ubuntu:~$ echo "Control+C to stop ping"
Control+C to stop ping
joe@ubuntu:~$ echo "Looks like I have connectivity. Does DNS work?"
Looks like I have connectivity. Does DNS work?
joe@ubuntu:~$ ping www.google.com
PING www.google.com (174.125.28.99) 56(84) bytes of data.
^C64 bytes from 174.125.28.99: icmp_seq=1 ttl=43 time=37.5 ms
--- www.google.com ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 37.549/37.549/37.549/0.000 ms
joe@ubuntu:~$ echo "I did a ping, because the first thing it does is send a DNS lookup. It worked, so it looks like things are good"
I did a ping, because the first thing it does is send a DNS lookup. It worked, so it looks like things are good
joe@ubuntu:~$
joe@ubuntu:~$ echo "Dont forget to change the /etc/hosts file"
Dont forget to change the /etc/hosts file
joe@ubuntu:~$ sudo vi /etc/hosts
127.0.0.1  localhost
144.38.199.166  filesystem.thegummibear.com  filesystem

# This line SHOULD match the entry I have in DNS
# when sending mail messages the FQDN I type above will be attached as the
# from address
# you can also list a shortname(s) at the end of the above line

# The following lines are desirable for IPv6 capable hosts
::1  localhost ip6-localhost ip6-loopback
ff02::1  ip6-allnodes
ff02::2  ip6-allrouters

"/etc/hosts" 11L, 425C written
joe@ubuntu:~$ echo "reboot the machine"
reboot the machine
joe@ubuntu:~$ sudo reboot
joe@filesystems:~$ echo "yay, the hostname changed"
yay, the hostname changed
joe@filesystems:~$