**CN ASSIGNMENT**

**DHCP**

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**The leases file on R4 found in */var/lib/dhcp/dhcpd.leases***

**A screenshot of a computer

Description automatically generated**

**Configuration for the DHCP server**

**dhcpd.conf file at /etc/dhcp/dhcpd.conf**

**A computer screen shot of a black screen

Description automatically generated**

**isc-dhcp-server file at /etc/default**

**A computer screen shot of a black screen

Description automatically generated**

**Screenshot of ifconfig on Ubuntu**

**A computer screen shot of a program

Description automatically generated**

**Screenshot showing Ubuntu pinging R4**

**Pinging R4 from Ubuntu**

**A screenshot of a computer

Description automatically generated**

**Screenshot showing Wireshark DHCP messages (4 Types)**

**A screenshot of a computer

Description automatically generated**

**Extra Screenshots**

**DHCP service running status**

**A screenshot of a computer

Description automatically generated**

**Pinging Ubuntu from R4 after ubuntu has obtained ip address.**

**A computer screen shot of a black screen

Description automatically generated**