	Institut Antoni Ballester Sistemes Microinformàtics i Xarxes. M7- Serveis de Xarxa	MP07 UF1 NF1 A1.3 Pràctica 2 DHCP	Jan Vilaplana	Curs: 24-25
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Entrega una captura de la nova configuració (`sudo cat /etc/dhcp/dhcpd.conf`)

```

Thu Oct 03 12:09:15 jvilaplana@zeus:~$ sudo cat /etc/dhcp/dhcpd.conf
ddns-update-style none;

subnet 172.30.1.0 netmask 255.255.255.0 {
    range 172.30.1.2 172.30.1.99;
    option domain-name-servers 172.30.1.1, 172.30.1.2;
    option domain-name "jan-vilaplana";
    option subnet-mask 255.255.255.0;
    option routers 172.30.1.1;
    option broadcast-address 172.30.1.255;
    default-lease-time 3600;
    max-lease-time 7200;
}


host WEBSERVER {
    hardware ethernet 00:0c:76:8b:c4:16;
    fixed-address 172.30.1.5;
    option domain-name-servers 8.8.8.8;
    option routers 10.0.0.1;
}

host PRINTER {
    hardware ethernet e8:04:62:90:07:62;
    fixed-address 172.30.1.7;
    option domain-name-servers 8.8.4.4;
    option routers 10.0.0.1;
}

host PC1 {
    hardware ethernet 08:00:27:7c:2c:78;
    fixed-address 172.30.1.8;
}
Thu Oct 03 12:09:33 jvilaplana@zeus:~$

```

Entrega una captura de la instrucció per validar l'adreça IP i **del seu resultat**.

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```

Tue Sep 24 13:18:05 jvilaplana@PC1:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:2a:ad:8f brd ff:ff:ff:ff:ff:ff
    inet 172.30.1.8/24 brd 172.30.1.255 scope global dynamic enp0s3
        valid_lft 3593sec preferred_lft 3593sec
    inet6 fe80::a00:27ff:fe2a:ad8f/64 scope link
        valid_lft forever preferred_lft forever
Tue Sep 24 13:18:06 jvilaplana@PC1:~$

```

Entrega una captura de les modificacions de l'arxiu de configuració (`sudo cat /etc/dhcp/dhcpd.conf`)

```

Thu Oct 03 12:04:31 jvilaplana@zeus:~$ sudo cat /etc/dhcp/dhcpd.conf
ddns-update-style none;

subnet 172.30.1.0 netmask 255.255.255.0 {
    option domain-name-servers 172.30.1.1, 172.30.1.2;
    option domain-name "jan-vilaplana";
    option subnet-mask 255.255.255.0;
    option routers 172.30.1.1;
    option broadcast-address 172.30.1.255;
    default-lease-time 3600;
    max-lease-time 7200;


    pool {
        range 172.30.1.30 172.30.1.150;
        deny unknown-clients;
    }

    pool {
        range 172.30.1.151 172.30.1.254;
        allow unknown-clients;
    }

}

host PC1 {
    hardware ethernet 08:00:27:7C:2C:78;
}
Thu Oct 03 12:04:33 jvilaplana@zeus:~$

```

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Entrega una captura del terminal amb la renovació i la IP adquirida.

```
Tue Sep 24 13:01:55 jvilaplana@PC1:~$ sudo dhclient -4
Tue Sep 24 13:02:09 jvilaplana@PC1:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:2a:ad:8f brd ff:ff:ff:ff:ff:ff
    inet 172.30.1.152/24 brd 172.30.1.255 scope global dynamic enp0s3
        valid_lft 3575sec preferred_lft 3575sec
    inet6 fe80::a00:27ff:fe2a:ad8f/64 scope link
        valid_lft forever preferred_lft forever
```

Realitza i entrega una captura del terminal amb la renovació i la IP adquirida.

```
Tue Sep 24 12:13:57 jvilaplana@PC1:~$ sudo dhclient -4
Tue Sep 24 12:14:08 jvilaplana@PC1:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:2a:ad:8f brd ff:ff:ff:ff:ff:ff
    inet 172.30.1.152/24 brd 172.30.1.255 scope global dynamic enp0s3
        valid_lft 3026sec preferred_lft 3026sec
    inet6 fe80::a00:27ff:fe2a:ad8f/64 scope link
        valid_lft forever preferred_lft forever
Tue Sep 24 12:15:41 jvilaplana@PC1:~$ _
```