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```
root@Fonerita:/etc/config# cat network
# Copyright (C) 2006 OpenWrt.org
```

```
config interface loopback
    option ifname  lo
    option proto   static
    option ipaddr  127.0.0.1
    option netmask 255.0.0.0
```

```
config interface lan
    option ifname  eth0
    option type    bridge
    option proto   static
    option ipaddr  192.168.1.81
    option netmask 255.255.255.0
    option dns     "
```

```
config "interface" "clientwifi"
    option proto  'dhcp'
```

```
root@Fonerita:/etc/config# cat wireless
```

```
config wifi-device wifi0
    option type    atheros
    option channel 6
    option mode     '11bg'
    option diversity '0'
    option disabled '0'
    option txantenna '0'
    option rxantenna '0'
```

```
config "wifi-iface" ""
    option device 'wifi0'
    option mode   'sta'
    option network 'clientwifi'
    option ssid   'dd-wrt'
    option encryption 'psk'
    option hidden  '0'
    option isolate '0'
    option txpower '0'
    option bgscan  '0'
    option wds     '0'
    option key     'LA CLAVE'
```

con la configuración anterior se obtiene como resultado:

```
root@Fonerita:~# ifconfig -a
```

```
ath0  Link encap:Ethernet HWaddr 00:18:84:1B:3E:89
       inet addr:192.168.1.126 Bcast:192.168.1.255 Mask:255.255.255.0
       UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
       RX packets:166 errors:0 dropped:0 overruns:0 frame:0
       TX packets:18 errors:0 dropped:0 overruns:0 carrier:0
       collisions:0 txqueuelen:0
       RX bytes:15470 (15.1 KiB) TX bytes:1901 (1.8 KiB)
```

```

br-lan  Link encap:Ethernet HWaddr 00:18:84:1B:3E:88
        inet addr:192.168.1.81 Bcast:192.168.1.255 Mask:255.255.255.0
        UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
        RX packets:127 errors:0 dropped:0 overruns:0 frame:0
        TX packets:62 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:11900 (11.6 KiB) TX bytes:7764 (7.5 KiB)

eth0    Link encap:Ethernet HWaddr 00:18:84:1B:3E:88
        UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
        RX packets:127 errors:0 dropped:0 overruns:0 frame:0
        TX packets:63 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:1000
        RX bytes:13678 (13.3 KiB) TX bytes:8807 (8.6 KiB)
        Interrupt:4 Base address:0x1000

lo      Link encap:Local Loopback
        inet addr:127.0.0.1 Mask:255.0.0.0
        UP LOOPBACK RUNNING MTU:16436 Metric:1
        RX packets:0 errors:0 dropped:0 overruns:0 frame:0
        TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)

wifi0   Link encap:Ethernet HWaddr 00:18:84:1B:3E:89
        UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
        RX packets:14237 errors:0 dropped:0 overruns:0 frame:0
        TX packets:124 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:199
        RX bytes:1610494 (1.5 MiB) TX bytes:8317 (8.1 KiB)
        Interrupt:3 Memory:b0000000-b00ffffc

```

```

root@Fonerita:~# netstat -anr

```

```

Kernel IP routing table

```

Destination	Gateway	Genmask	Flags	MSS	Window	irtt	Iface
192.168.1.0	0.0.0.0	255.255.255.0	U	0 0	0		br-lan
192.168.1.0	0.0.0.0	255.255.255.0	U	0 0	0		ath0
0.0.0.0	192.168.1.1	0.0.0.0	UG	0 0	0		ath0

```

root@Fonerita:~#

```

root@Fonerita:~# iptables -L -n -v

```
root@Fonerita:~# iptables -L -n -v
Chain INPUT (policy DROP 0 packets, 0 bytes)
  pkts bytes target     prot opt in     out     source               destination
    0    0 DROP      all  --  *      *        0.0.0.0/0           0.0.0.0/0           state INVALID
  131 11855 ACCEPT    all  --  *      *        0.0.0.0/0           0.0.0.0/0           state RELATED,ESTABLISHED
    0    0 DROP      tcp  --  *      *        0.0.0.0/0           0.0.0.0/0           tcp option=!2 flags:0x02/0x02
  187 14280 input_rule all  --  *      *        0.0.0.0/0           0.0.0.0/0
  187 14280 LAN_ACCEPT all  --  *      *        0.0.0.0/0           0.0.0.0/0
    0    0 ACCEPT    icmp --  *      *        0.0.0.0/0           0.0.0.0/0
    0    0 ACCEPT    47   --  *      *        0.0.0.0/0           0.0.0.0/0
    0    0 REJECT    tcp  --  *      *        0.0.0.0/0           0.0.0.0/0           reject-with tcp-reset
    0    0 REJECT    all  --  *      *        0.0.0.0/0           0.0.0.0/0           reject-with icmp-port-unreachable

Chain FORWARD (policy DROP 16 packets, 796 bytes)
  pkts bytes target     prot opt in     out     source               destination
    0    0 DROP      all  --  *      *        0.0.0.0/0           0.0.0.0/0           state INVALID
  15   720 TCPMSS    tcp  --  *      *        0.0.0.0/0           0.0.0.0/0           tcp flags:0x06/0x02 TCPMSS clamp to
PMTU
    0    0 ACCEPT    all  --  *      *        0.0.0.0/0           0.0.0.0/0           state RELATED,ESTABLISHED
  16   796 forwarding_rule all  --  *      *        0.0.0.0/0           0.0.0.0/0
    0    0 ACCEPT    all  --  br-lan br-lan  0.0.0.0/0           0.0.0.0/0

Chain OUTPUT (policy DROP 0 packets, 0 bytes)
  pkts bytes target     prot opt in     out     source               destination
    0    0 DROP      all  --  *      *        0.0.0.0/0           0.0.0.0/0           state INVALID
  127 15437 ACCEPT    all  --  *      *        0.0.0.0/0           0.0.0.0/0           state RELATED,ESTABLISHED
    8  1073 output_rule all  --  *      *        0.0.0.0/0           0.0.0.0/0
    8  1073 ACCEPT    all  --  *      *        0.0.0.0/0           0.0.0.0/0
    0    0 REJECT    tcp  --  *      *        0.0.0.0/0           0.0.0.0/0           reject-with tcp-reset
    0    0 REJECT    all  --  *      *        0.0.0.0/0           0.0.0.0/0           reject-with icmp-port-unreachable

Chain LAN_ACCEPT (1 references)
  pkts bytes target     prot opt in     out     source               destination
  187 14280 ACCEPT    all  --  *      *        0.0.0.0/0           0.0.0.0/0

Chain forwarding_rule (1 references)
  pkts bytes target     prot opt in     out     source               destination

Chain forwarding_wan (0 references)
  pkts bytes target     prot opt in     out     source               destination

Chain input_rule (1 references)
  pkts bytes target     prot opt in     out     source               destination

Chain input_wan (0 references)
  pkts bytes target     prot opt in     out     source               destination

Chain output_rule (1 references)
  pkts bytes target     prot opt in     out     source               destination
root@Fonerita:~#
```

root@Fonerita:~# iptables -t nat -L -n -v

```
root@Fonerita:~# iptables -t nat -L -n -v
Chain PREROUTING (policy ACCEPT 56 packets, 5546 bytes)
  pkts bytes target     prot opt in     out     source               destination
  16   768 NEW      tcp  --  *      *        0.0.0.0/0           0.0.0.0/0           state NEW
  56  5546 prerouting_rule all  --  *      *        0.0.0.0/0           0.0.0.0/0

Chain POSTROUTING (policy ACCEPT 8 packets, 1753 bytes)
  pkts bytes target     prot opt in     out     source               destination
    7   724 postrouting_rule all  --  *      *        0.0.0.0/0           0.0.0.0/0

Chain OUTPUT (policy ACCEPT 8 packets, 1753 bytes)
  pkts bytes target     prot opt in     out     source               destination

Chain NEW (1 references)
  pkts bytes target     prot opt in     out     source               destination
  16   768 RETURN   all  --  *      *        0.0.0.0/0           0.0.0.0/0           limit: avg 50/sec burst 100
    0    0 DROP      all  --  *      *        0.0.0.0/0           0.0.0.0/0

Chain postrouting_rule (1 references)
  pkts bytes target     prot opt in     out     source               destination

Chain prerouting_rule (1 references)
  pkts bytes target     prot opt in     out     source               destination

Chain prerouting_wan (0 references)
  pkts bytes target     prot opt in     out     source               destination
root@Fonerita:~#
```

root@Fonerita:/etc/config# route

Kernel IP routing table

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
192.168.1.0	*	255.255.255.0	U	0	0	0	br-lan
192.168.1.0	*	255.255.255.0	U	0	0	0	ath0
default	192.168.1.1	0.0.0.0	UG	0	0	0	ath0

root@Fonerita:/etc/config# *--- No deja hacer ping a los ordenadores de la red ---*

root@Fonerita:~# **ping www.google.es**

PING www.l.google.com (66.249.93.147): 56 data bytes
64 bytes from 66.249.93.147: icmp_seq=0 ttl=241 time=123.5 ms
64 bytes from 66.249.93.147: icmp_seq=1 ttl=241 time=121.6 ms
64 bytes from 66.249.93.147: icmp_seq=2 ttl=241 time=121.1 ms
64 bytes from 66.249.93.147: icmp_seq=3 ttl=241 time=117.5 ms

root@Fonerita:/etc/config# **ping 192.168.1.1**

PING 192.168.1.1 (192.168.1.1): 56 data bytes
--- 192.168.1.1 ping statistics ---
1 packets transmitted, 0 packets received, 100% packet loss

root@Fonerita:/etc/config# **ping 80.58.61.250**

PING 80.58.61.250 (80.58.61.250): 56 data bytes
64 bytes from 80.58.61.250: icmp_seq=0 ttl=125 time=82.6 ms

--- 80.58.61.250 ping statistics ---
1 packets transmitted, 1 packets received, 0% packet loss
round-trip min/avg/max = 82.6/82.6/82.6 ms

Desde un ordenador conectado por la interfaz de red a la fonera

Adaptador Ethernet Conexión de área local :

Sufijo de conexión específica DNS : lan
Descripción. : Adaptador Fast Ethernet compatible VIA
Dirección física. : 00-0F-EA-CD-47-9D
DHCP habilitado. : No
Autoconfiguración habilitada. . . : Sí
Dirección IP. : 192.168.1.200
Máscara de subred : 255.255.255.0
Puerta de enlace predeterminada : 192.168.1.81
Servidor DHCP : 192.168.1.81
Servidores DNS : 192.168.1.81
Concesión obtenida : domingo, 20 de abril de 2008 14:46:20
Concesión expira : lunes, 21 de abril de 2008 2:46:20

C:\Documents and Settings\Temp>**ping www.google.es**

Haciendo ping a www.l.google.com [66.249.93.99] con 32 bytes de datos:

Tiempo de espera agotado para esta solicitud.
Tiempo de espera agotado para esta solicitud.
Tiempo de espera agotado para esta solicitud.
Tiempo de espera agotado para esta solicitud.

Estadísticas de ping para 66.249.93.99:

Paquetes: enviados = 4, recibidos = 0, perdidos = 4