

Com muntar un servidor proxy transparent

(provat en un servidor Debian GNU/Linux Lenny 5.0 RC2)

```
# apt-get install squid
# nano /etc/rc2.d/S30firewall
```

```
echo "1" > /proc/sys/net/ipv4/ip_forward
# proxy transparent
iptables -t nat -A PREROUTING -i eth0 -s 192.168.1.0/24
-d ! 192.168.1.0/24 -p tcp --dport 80 -j REDIRECT --to-
port 3128
```

```
# chmod 755 /etc/rc2.d/S30firewall
# nano /etc/squid/denegats
```

```
# llistat de pàgines web que no es podran visitar
http://www.youtube.com
http://www.elpais.com
```

```
# chmod 644 /etc/squid/denegats
# nano /etc/squid/squid.conf
```

```
acl all src all
acl manager proto cache_object
acl localhost src 127.0.0.1/32
acl to_localhost dst 127.0.0.0/8
acl localnet src 10.0.0.0/8 # RFC1918 possible internal network
acl localnet src 172.16.0.0/12 # RFC1918 possible internal network
acl localnet src 192.168.0.0/16 # RFC1918 possible internal network

acl SSL_ports port 443 # https
acl SSL_ports port 563 # snews
acl SSL_ports port 873 # rsync
acl Safe_ports port 80 # http
acl Safe_ports port 21 # ftp
acl Safe_ports port 443 # https
acl Safe_ports port 70 # gopher
acl Safe_ports port 210 # wais
acl Safe_ports port 1025-65535 # unregistered ports
acl Safe_ports port 280 # http-mgmt
acl Safe_ports port 488 # gss-http
acl Safe_ports port 591 # filemaker
acl Safe_ports port 777 # multiling http
acl Safe_ports port 631 # cups
acl Safe_ports port 873 # rsync
acl Safe_ports port 901 # SWAT
acl purge method PURGE
acl CONNECT method CONNECT

icp_access allow localnet
icp_access deny all

http_port 3128 transparent
hierarchy_stoplist cgi-bin ?
```

```

access_log /var/log/squid/access.log squid

refresh_pattern ^ftp:          1440 20% 10080
refresh_pattern ^gopher:      1440 0% 1440
refresh_pattern -i (/cgi-bin/|\?) 0 0% 0
refresh_pattern (Release|Package(.gz)*)$ 0 20% 2880
refresh_pattern .              0 20% 4320

acl apache rep_header Server ^Apache
acl denegats url_regex "/etc/squid/denegats"
http_access deny denegats
http_access allow localnet
http_access allow manager localhost
http_access deny manager
http_access allow purge localhost
http_access deny purge
http_access deny !Safe_ports
http_access deny CONNECT !SSL_ports
http_access allow localhost
http_access deny all
broken_vary_encoding allow apache

extension_methods REPORT MERGE MKACTIVITY CHECKOUT

hosts_file /etc/hosts
coredump_dir /var/spool/squid

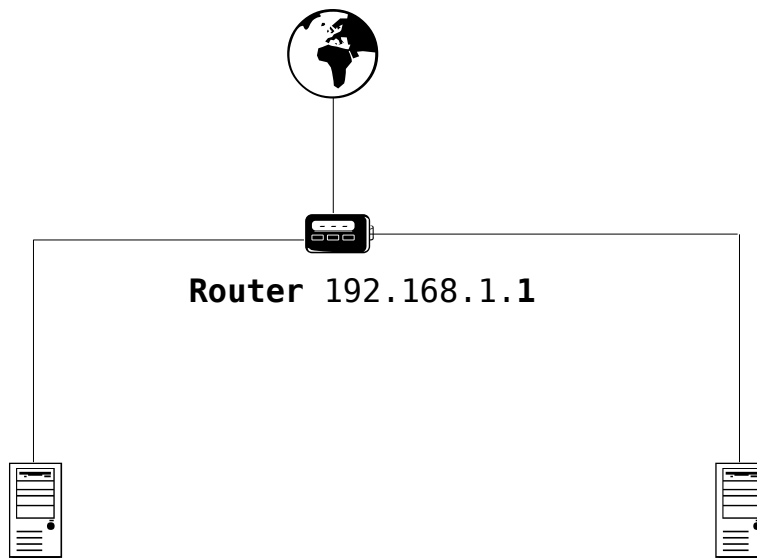
```

```

# /etc/init.d/squid reload
# /etc/init.d/squid restart

```

Configuració de la xarxa en el servidor i els clients:



Servidor

```

iface eth0 inet static
address 192.168.1.2
netmask 255.255.255.0
gateway 192.168.1.1
auto eth0

```

Client

```

iface eth0 inet static
address 192.168.1.3
netmask 255.255.255.0
gateway 192.168.1.2
auto eth0

```