Copiar la estructura de sota, tantes vegades com sigui necessari

Lliura una captura amb el contingut de l'arxiu squid.conf on es mostrin les línies modificades (amb hores diferents a l'actual).

```
  GNU nano 6.2                              /etc/squid/squid.conf
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

http_access deny !Safe_ports
http_access deny CONNECT !SSL_ports

http_access allow localhost manager
http_access deny manager

include /etc/squid/conf.d/*.conf

acl dominis-bloquejats dstdomain "/etc/squid/blacksites"
acl expressions-denegades url_regex "/etc/squid/blackwords"
acl arxius urlpath_regex "/etc/squid/blackfiles"
acl algunesHores time MWHF 12:00-15:00


#http_access deny arxius
#http_access deny expressions-denegades
http_access deny dominis-bloquejats algunesHores
http_access allow dominis-bloquejats

http_access allow localnet

http_access deny all

http_access allow localhost

http_port 3128

coredump_dir /var/spool/squid


dj. de febr. 06 13:00:07 romerox@SYN:~$ _
```

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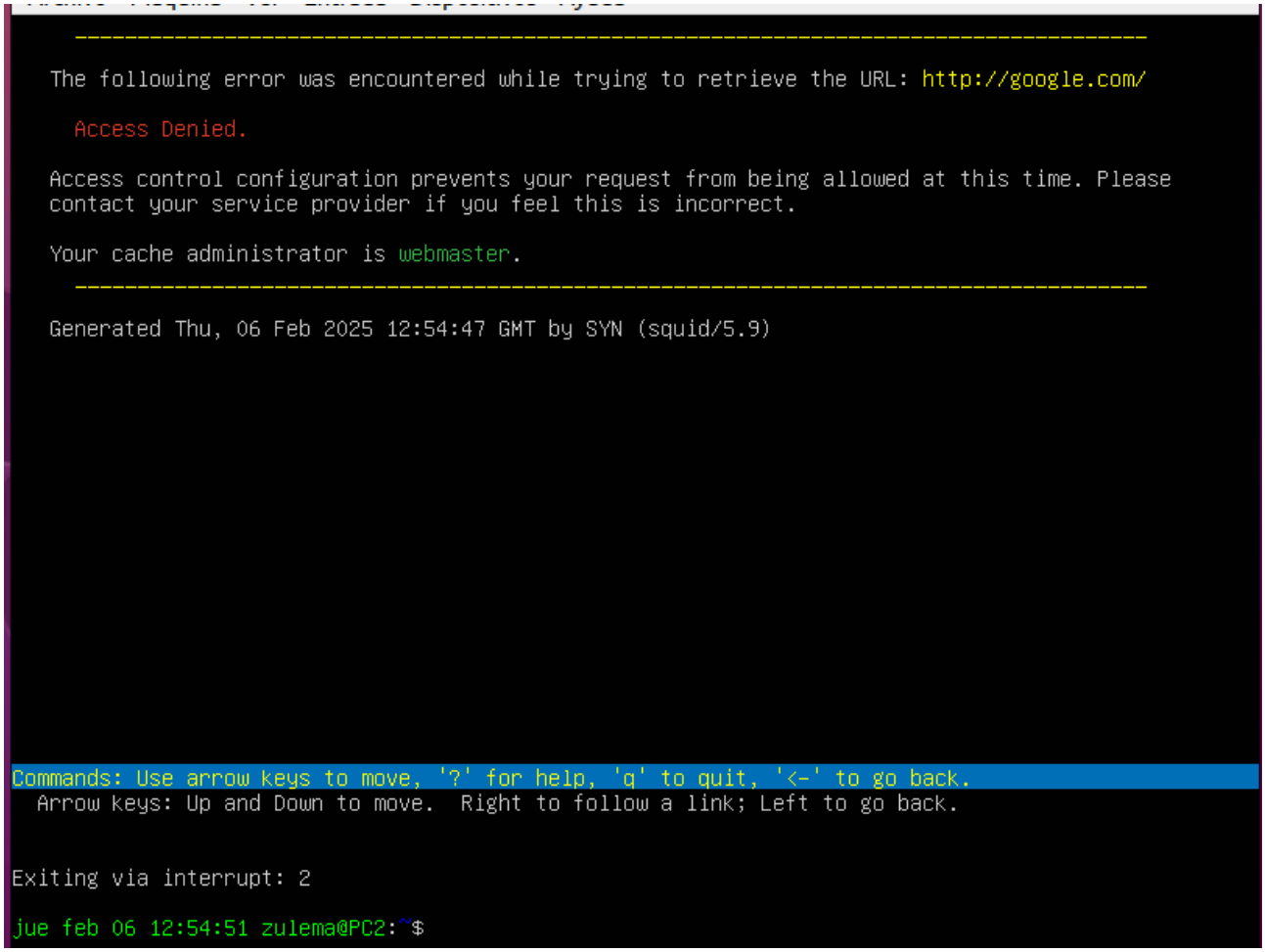
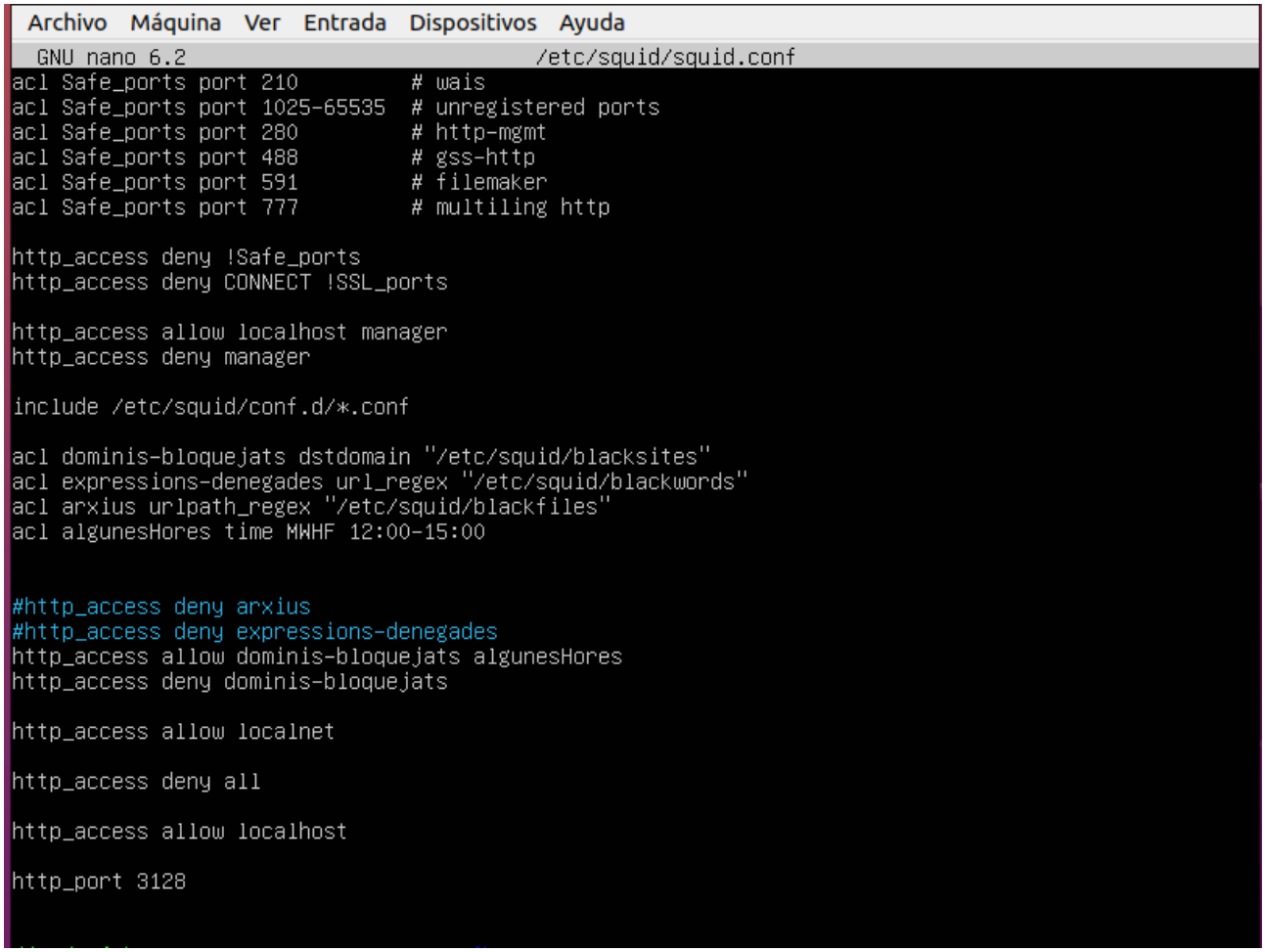
Lliura una captura del navegador del client on no es pot accedir a la web (www.google.com)



Lliura una captura amb el contingut de l'arxiu squid.conf on es mostrin les línies modificades (amb hores incloent l'actual).



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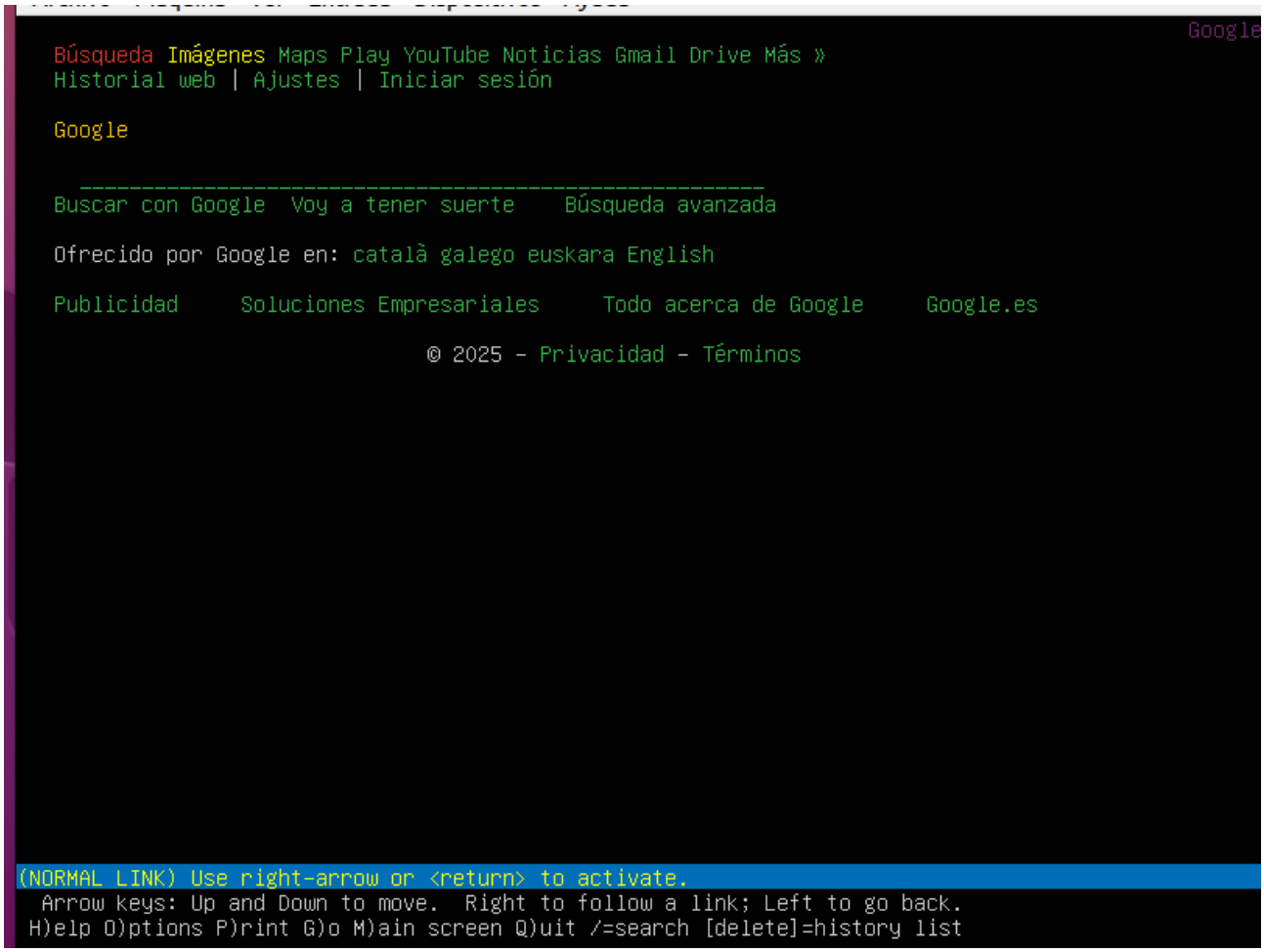
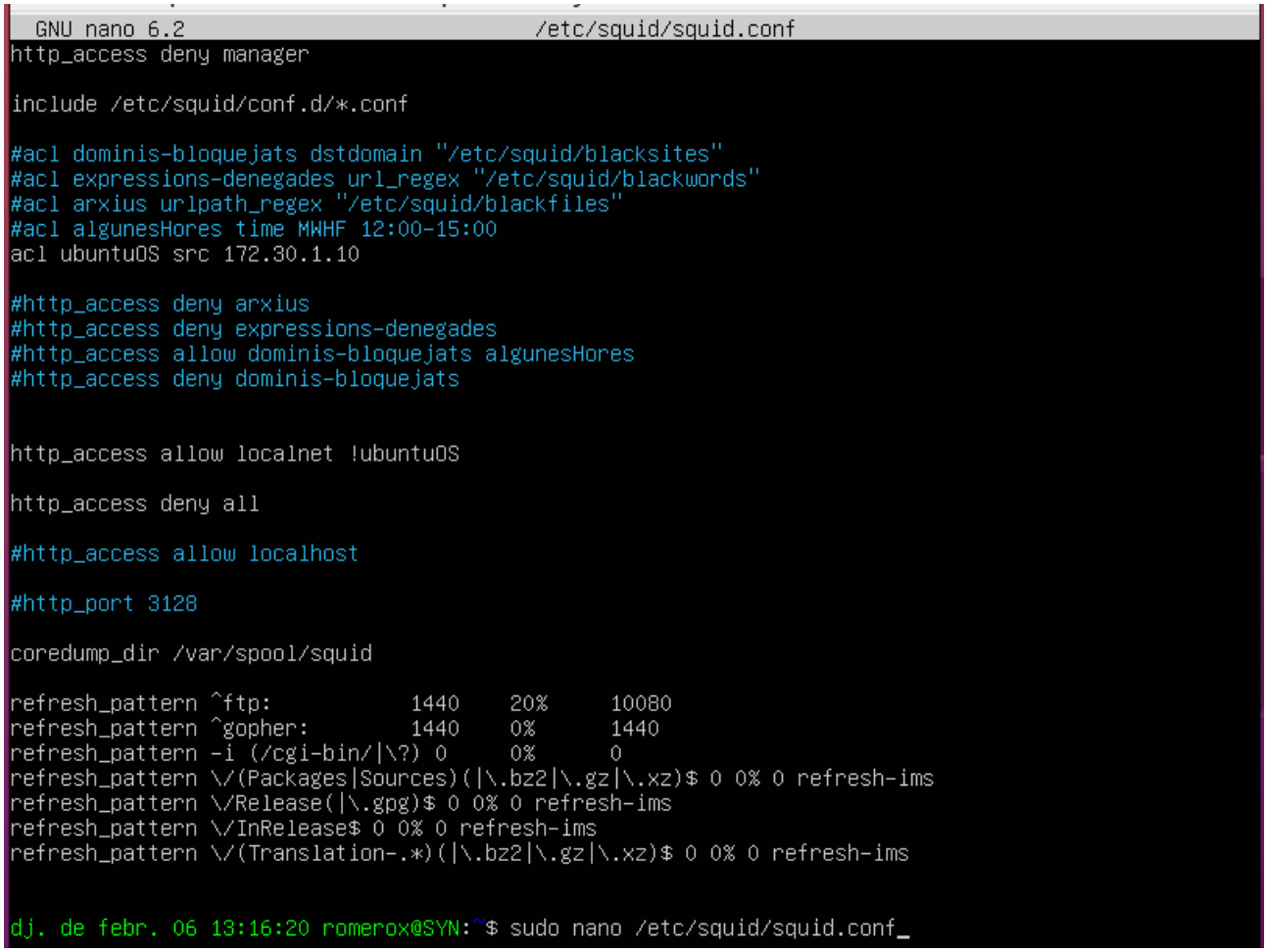
Lliura una captura del navegador del client on si es pot accedir a la web (www.google.com)



Lliura una captura de l'arxiu squid.conf on es mostri l'anterior configuració



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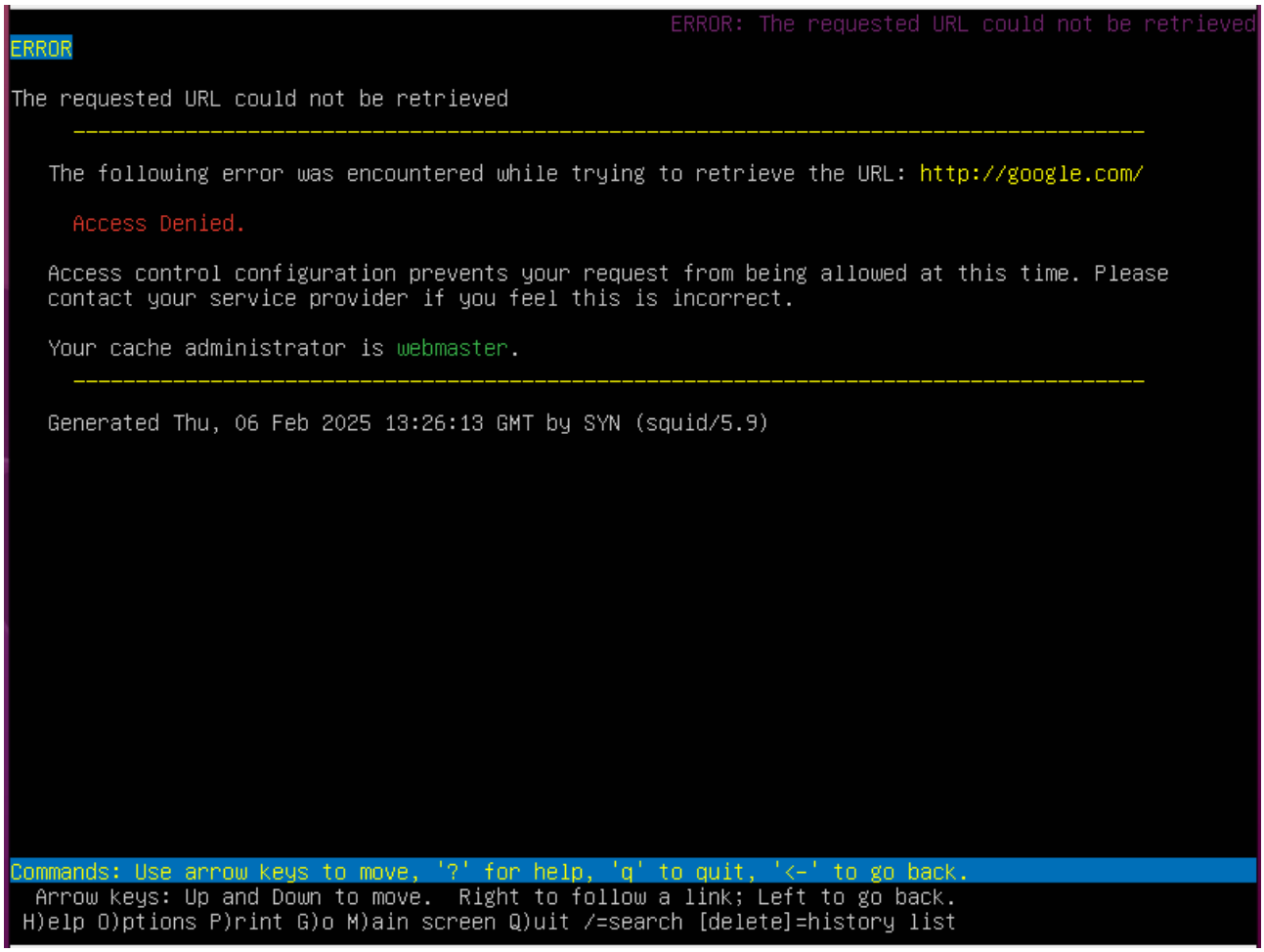
Lliura una captura del navegador del client mostrant que no pot accedir a cap pàgina. P.e www.duckduckgo.com (pàgina no filtrada anteriorment)



Lliura una captura amb la modificació feta a l'arxiu squid.conf

```
 GNU nano 6.2                              /etc/squid/squid.conf

#acl dominis-bloquejats dstdomain "/etc/squid/blacksites"
#acl expressions-denegades url_regex "/etc/squid/blackwords"
#acl arxius urlpath_regex "/etc/squid/blackfiles"
#acl algunesHores time MWHF 12:00-15:00
acl ubuntuOS src 172.30.1.10

#http_access deny arxius
#http_access deny expressions-denegades
#http_access allow dominis-bloquejats algunesHores
#http_access deny dominis-bloquejats


http_access allow localnet !ubuntuOS

http_access deny all

#http_access allow localhost

http_port 3128

coredump_dir /var/spool/squid

refresh_pattern ^ftp:           1440    20%     10080
refresh_pattern ^gopher:        1440    0%      1440
refresh_pattern -i (/cgi-bin/|\?) 0     0%      0
refresh_pattern \/(Packages|Sources)(|\.bz2|\.gz|\.xz)$ 0 0% 0 refresh-ims
refresh_pattern \/Release(|\.gpg)$ 0 0% 0 refresh-ims
refresh_pattern \/InRelease$ 0 0% 0 refresh-ims
refresh_pattern \/(Translation-.*)(|\.bz2|\.gz|\.xz)$ 0 0% 0 refresh-ims
refresh_pattern .               0       20%     4320

error_directory /usr/share/squid/errors/Spanish


dj. de febr. 06 13:27:32 romerox@SYN:~$
```

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Lliura una captura del navegador del client on es mostra el missatge d'error (caldrà que verifiquis les ACLs per assegurar-te que llençarà l'error)

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Lliura una captura de l'execució de cada tipus de comanda que has vist en aquest apartat (total 5). Recorda que això es realitza al servidor!

```
dj. de febr. 06 13:31:09 romerox@SYN:~$ sudo tail -f /var/log/squid/access.log
1738846943.917      0 172.30.1.10 TCP_DENIED/403 3918 GET http://google.com/ - HIER_NONE/- text/html
1738846951.430      0 172.30.1.10 TCP_DENIED/403 3918 GET http://google.com/ - HIER_NONE/- text/html
1738847027.332      1 172.30.1.10 TCP_DENIED/403 3918 GET http://google.com/ - HIER_NONE/- text/html
1738847135.767    272 172.30.1.10 TCP_MISS/301 878 GET http://google.com/ - HIER_DIRECT/142.250.184.
174 text/html
1738847138.855   1066 172.30.1.10 TCP_MISS/200 3100 GET http://www.google.com/ - HIER_DIRECT/216.239
.38.120 text/html
1738847874.437   3686 172.30.1.10 TCP_MISS_ABORTED/000 0 GET http://duckduckgo.com/ - HIER_DIRECT/52
.142.124.215 -
1738847889.101      1 172.30.1.10 TCP_MEM_HIT/301 886 GET http://google.com/ - HIER_NONE/- text/html
1738847891.428    313 172.30.1.10 TCP_MISS/200 3102 GET http://www.google.com/ - HIER_DIRECT/216.58.
215.132 text/html
1738848373.426      9 172.30.1.10 TCP_DENIED/403 3918 GET http://google.com/ - HIER_NONE/- text/html
1738848519.436      0 172.30.1.10 TCP_DENIED/403 3927 GET http://google.com/ - HIER_NONE/- text/html
```

```
dj. de febr. 06 13:32:06 romerox@SYN:~$ sudo tail -n 20 /var/log/squid/access.log
1738845016.784    335 172.30.1.10 TCP_MISS/403 5381 GET http://www.google.com.com/ - HIER_DIRECT/104
.26.4.148 text/html
1738845703.054    172 172.30.1.10 TCP_MISS/301 878 GET http://google.com/ - HIER_DIRECT/142.250.184.
174 text/html
1738845706.133   1066 172.30.1.10 TCP_MISS/200 3103 GET http://www.google.com/ - HIER_DIRECT/216.239
.38.120 text/html
1738845814.837    363 172.30.1.10 TCP_MISS/301 876 GET http://google.es/ - HIER_DIRECT/142.250.184.1
63 text/html
1738845820.115      0 172.30.1.10 TCP_MEM_HIT/301 886 GET http://google.com/ - HIER_NONE/- text/html
1738845979.268    125 172.30.1.10 TCP_MISS/301 878 GET http://google.com/ - HIER_DIRECT/142.250.184.
174 text/html
1738846487.574      9 172.30.1.10 TCP_DENIED/403 3918 GET http://google.com/ - HIER_NONE/- text/html
1738846943.917      0 172.30.1.10 TCP_DENIED/403 3918 GET http://google.com/ - HIER_NONE/- text/html
1738846951.430      0 172.30.1.10 TCP_DENIED/403 3918 GET http://google.com/ - HIER_NONE/- text/html
1738847027.332      1 172.30.1.10 TCP_DENIED/403 3918 GET http://google.com/ - HIER_NONE/- text/html
1738847135.767    272 172.30.1.10 TCP_MISS/301 878 GET http://google.com/ - HIER_DIRECT/142.250.184.
174 text/html
1738847138.855   1066 172.30.1.10 TCP_MISS/200 3100 GET http://www.google.com/ - HIER_DIRECT/216.239
.38.120 text/html
1738847874.437   3686 172.30.1.10 TCP_MISS_ABORTED/000 0 GET http://duckduckgo.com/ - HIER_DIRECT/52
.142.124.215 -
1738847889.101      1 172.30.1.10 TCP_MEM_HIT/301 886 GET http://google.com/ - HIER_NONE/- text/html
1738847891.428    313 172.30.1.10 TCP_MISS/200 3102 GET http://www.google.com/ - HIER_DIRECT/216.58.
215.132 text/html
1738848373.426      9 172.30.1.10 TCP_DENIED/403 3918 GET http://google.com/ - HIER_NONE/- text/html
1738848519.436      0 172.30.1.10 TCP_DENIED/403 3927 GET http://google.com/ - HIER_NONE/- text/html
dj. de febr. 06 13:32:10 romerox@SYN:~$
```

```
dj. de febr. 06 13:32:10 romerox@SYN:~$ sudo grep '172.30.1.10' /var/log/squid/access.log
1738845016.784    335 172.30.1.10 TCP_MISS/403 5381 GET http://www.google.com.com/ - HIER_DIRECT/104
.26.4.148 text/html
1738845703.054    172 172.30.1.10 TCP_MISS/301 878 GET http://google.com/ - HIER_DIRECT/142.250.184.
174 text/html
1738845706.133   1066 172.30.1.10 TCP_MISS/200 3103 GET http://www.google.com/ - HIER_DIRECT/216.239
.38.120 text/html
1738845814.837    363 172.30.1.10 TCP_MISS/301 876 GET http://google.es/ - HIER_DIRECT/142.250.184.1
63 text/html
1738845820.115      0 172.30.1.10 TCP_MEM_HIT/301 886 GET http://google.com/ - HIER_NONE/- text/html
1738845979.268    125 172.30.1.10 TCP_MISS/301 878 GET http://google.com/ - HIER_DIRECT/142.250.184.
174 text/html
1738846487.574      9 172.30.1.10 TCP_DENIED/403 3918 GET http://google.com/ - HIER_NONE/- text/html
1738846943.917      0 172.30.1.10 TCP_DENIED/403 3918 GET http://google.com/ - HIER_NONE/- text/html
1738846951.430      0 172.30.1.10 TCP_DENIED/403 3918 GET http://google.com/ - HIER_NONE/- text/html
1738847027.332      1 172.30.1.10 TCP_DENIED/403 3918 GET http://google.com/ - HIER_NONE/- text/html
1738847135.767    272 172.30.1.10 TCP_MISS/301 878 GET http://google.com/ - HIER_DIRECT/142.250.184.
174 text/html
1738847138.855   1066 172.30.1.10 TCP_MISS/200 3100 GET http://www.google.com/ - HIER_DIRECT/216.239
.38.120 text/html
1738847874.437   3686 172.30.1.10 TCP_MISS_ABORTED/000 0 GET http://duckduckgo.com/ - HIER_DIRECT/52
.142.124.215 -
1738847889.101      1 172.30.1.10 TCP_MEM_HIT/301 886 GET http://google.com/ - HIER_NONE/- text/html
1738847891.428    313 172.30.1.10 TCP_MISS/200 3102 GET http://www.google.com/ - HIER_DIRECT/216.58.
215.132 text/html
1738848373.426      9 172.30.1.10 TCP_DENIED/403 3918 GET http://google.com/ - HIER_NONE/- text/html
1738848519.436      0 172.30.1.10 TCP_DENIED/403 3927 GET http://google.com/ - HIER_NONE/- text/html
dj. de febr. 06 13:32:45 romerox@SYN:~$
```

```
dj. de febr. 06 13:35:15 romerox@SYN:~$ sudo awk '{print $3}' /var/log/squid/access.log | sort | uni
q -c | sort -nr
     17 172.30.1.10
dj. de febr. 06 13:36:18 romerox@SYN:~$
```

```
dj. de febr. 06 13:36:18 romerox@SYN:~$ sudo awk '{print $7}' /var/log/squid/access.log | sort | uni
q -c | sort -nr | head -10
     11 http://google.com/
      3 http://www.google.com/
      1 http://www.google.com.com/
      1 http://google.es/
      1 http://duckduckgo.com/
dj. de febr. 06 13:37:25 romerox@SYN:~$ _
```