

C

editamos la carpeta `/etc/squid/squid.conf` cual encontramos lo siguiente:

[illegible]

```
# network by proxying external TCP connections to unprotected services.
http_access allow localhost

# The two deny rules below are unnecessary in this default configuration
# because they are followed by a "deny all" rule. However, they may become
# critically important when you start allowing external requests below them.

# Protect web applications running on the same server as Squid. They often
# assume that only local users can access them at "localhost" ports.
http_access deny to_localhost

# Protect cloud servers that provide local users with sensitive info about
# their server via certain well-known link-local (a.k.a. APIPA) addresses.
http_access deny to_linklocal

#
# INSERT YOUR OWN RULE(S) HERE TO ALLOW ACCESS FROM YOUR CLIENTS
#
include /etc/squid/conf.d/*.conf

# For example, to allow access from your local networks, you may uncomment the
# following rule (and/or add rules that match your definition of "local"):
http_access allow localnet

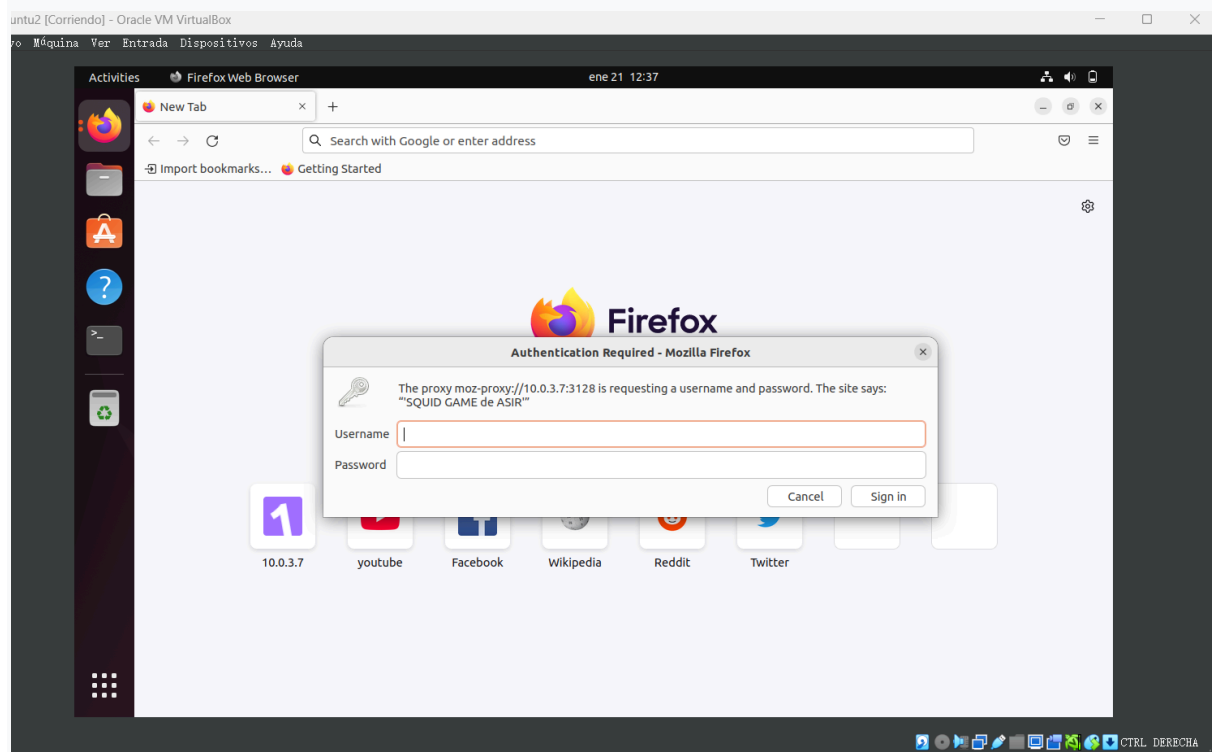
# And finally deny all other access to this proxy
http_access deny all

# TAG: adapted http access
```

usuarios que acceden al proxy: El mensaje sea "SQUID GAME de ASIR"

```
auth_param basic program /usr/lib/squid/basic_ncsa_auth /etc/squid/passwords
auth_param basic realm "SQUID GAME de ASIR"
acl authenticated proxy_auth REQUIRED
http_access allow authenticated

#
# WELCOME TO SQUID 5.9
#
# -----
#
# This is the documentation for the Squid configuration file.
# This documentation can also be found online at:
#   http://www.squid-cache.org/Doc/config/
#
# You may wish to look at the Squid home page and wiki for the
# FAQ and other documentation:
#   http://www.squid-cache.org/
#   http://wiki.squid-cache.org/SquidFaq
#   http://wiki.squid-cache.org/ConfigExamples
#
# This documentation shows what the defaults for various directives
# happen to be. If you don't need to change the default, you should
# leave the line out of your squid.conf in most cases.
#
# In some cases "none" refers to no default setting at all,
# while in other cases it refers to the value of the option
# - the comments for that keyword indicate if this is the case.
#
# Configuration options can be included using the "include" directive.
# Include takes a list of files to include. Quoting and wildcards are
# supported.
# For example,
# include /path/to/included/file/squid.acl.config
#
```



profe - profe

nombre - nombre

```
clase@yehan:~$ sudo htpasswd /etc/squid/passwords profe
sudo htpasswd /etc/squid/passwords nombre
New password:
Re-type new password:
Adding password for user profe
New password:
Re-type new password:
Adding password for user nombre
clase@yehan:~$
```

```
clase@yehan:~$ sudo systemctl restart squid
clase@yehan:~$ sudo systemctl status squid
● squid.service - Squid Web Proxy Server
   Loaded: loaded (/lib/systemd/system/squid.service; enabled; vendor preset: enabled)
   Active: active (running) since Mon 2025-01-20 13:10:49 CET; 7s ago
     Docs: man:squid(8)
  Process: 8122 ExecStartPre=/usr/sbin/squid --foreground -z (code=exited, status=0/SUCCESS)
 Main PID: 8125 (squid)
    Tasks: 4 (limit: 9371)
   Memory: 15.8M
      CPU: 106ms
   CGroup: /system.slice/squid.service
           └─8125 /usr/sbin/squid --foreground -sYC
             └─8127 "(squid-1)" --kid squid-1 --foreground -sYC
               └─8128 "(logfile-daemon)" /var/log/squid/access.log
                 └─8129 "(pinger)"

ene 20 13:10:49 yehan squid[8127]: Using Least Load store dir selection
ene 20 13:10:49 yehan squid[8127]: Set Current Directory to /var/spool/squid
ene 20 13:10:49 yehan squid[8127]: Finished loading MIME types and icons.
ene 20 13:10:49 yehan squid[8127]: HTCP Disabled.
ene 20 13:10:49 yehan squid[8127]: Pinger socket opened on FD 14
ene 20 13:10:49 yehan squid[8127]: Squid plugin modules loaded: 0
ene 20 13:10:49 yehan squid[8127]: Adaptation support is off.
ene 20 13:10:49 yehan squid[8127]: Accepting HTTP Socket connections at conn3 local=[::]:3128 remote=[::] FD 12 flags=9
ene 20 13:10:49 yehan systemd[1]: Started Squid Web Proxy Server.
ene 20 13:10:50 yehan squid[8127]: storeLateRelease: released 0 objects
clase@yehan:~$
```

--> Prohibiciones

Captura/s de la configuración de prohibiciones

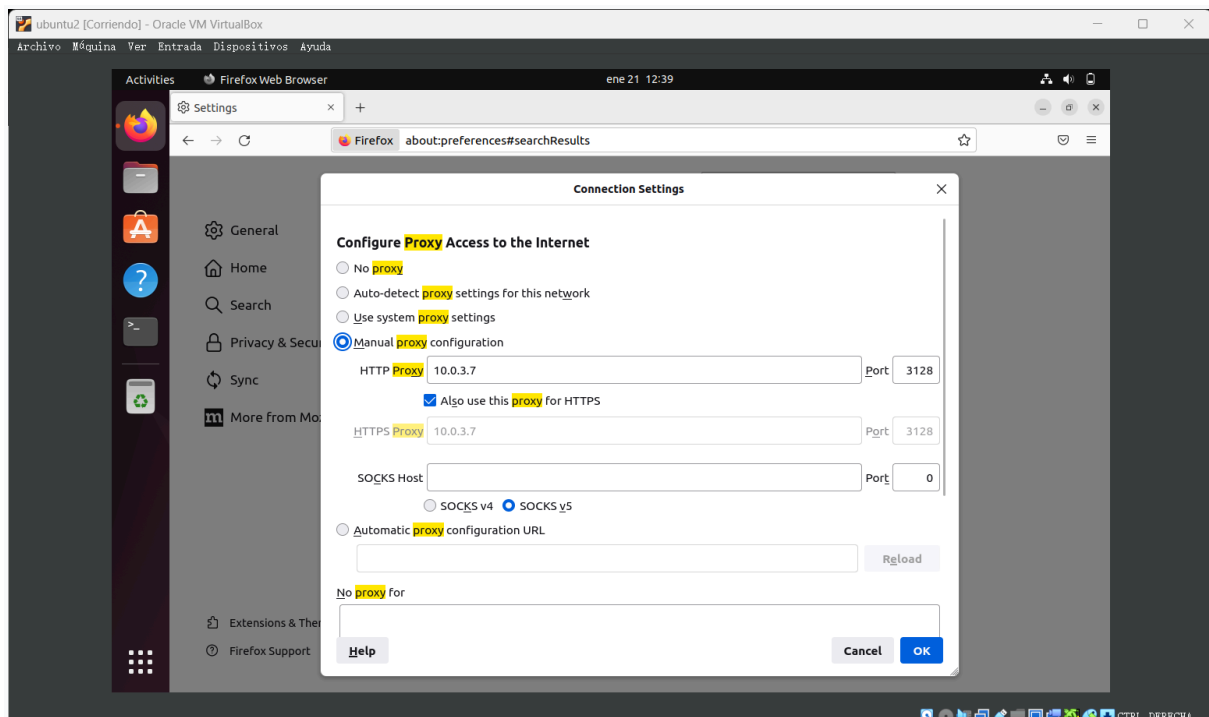
```
# Mensaje personalizado de autenticación
auth_param basic program /usr/lib/squid/basic_ncsa_auth /etc/squid/passwords
auth_param basic realm 'SQUID GAME de ASIR'
acl authenticated proxy_auth REQUIRED
# ACL para bloquear redes sociales
acl redes_sociales dstdomain .facebook.com .twitter.com .instagram.com .tiktok.com
# ACL para bloquear deportes
acl deportes url_regex -i soccer deportes tenis
# ACL para bloquear sitios específicos
acl as.com dstdomain .as.com
acl eldiario.es dstdomain .eldiario.es
# Reglas de acceso
http_access deny redes_sociales
http_access deny deportes
http_access deny as.com
http_access deny eldiario.es
http_access allow authenticated
http_access deny all
# Logs y otras configuraciones
cache_log /var/log/squid/cache.log
access_log /var/log/squid/access.log squid
```

Captura de archivos externos si se han utilizado

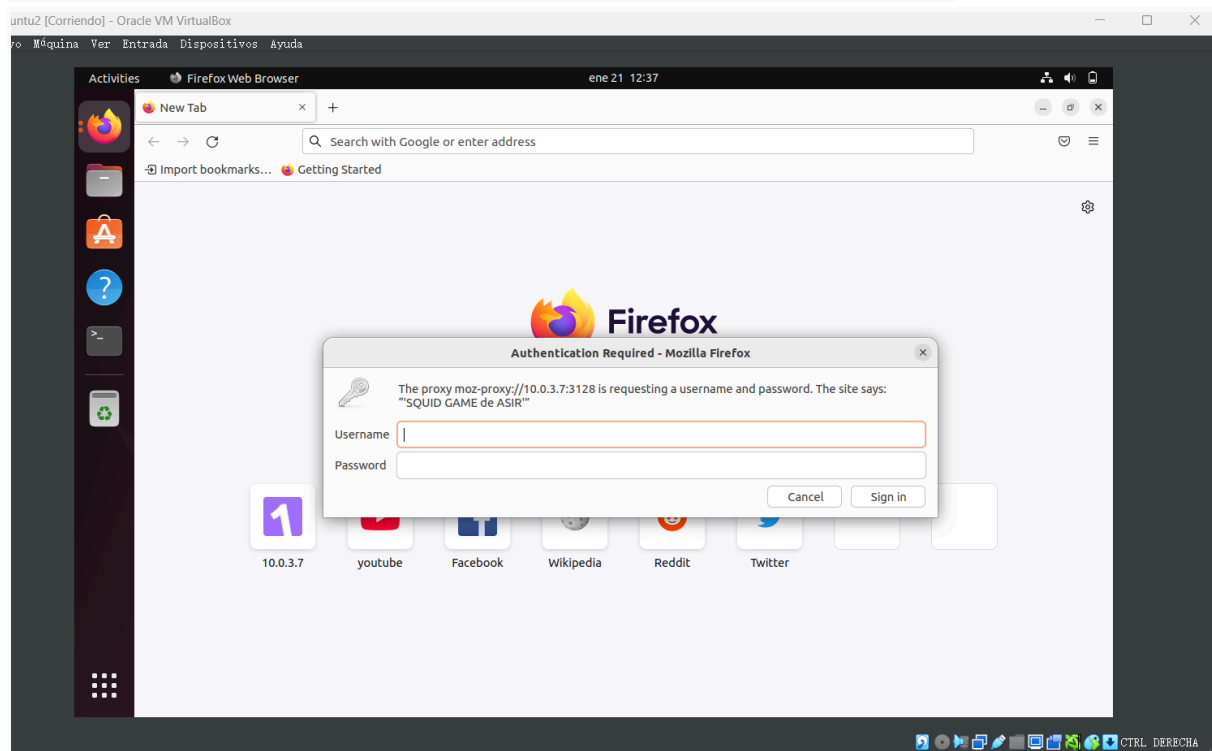
```
auth_param basic program /usr/lib/squid/basic_ncsa_auth /etc/squid/passwords
```

```
GNU nano 6.2 /etc/squid/passwords
profe:$apr1$3S2ynzH4$P1mkr4/bbAYHt95ot.qRW/
nombre:$apr1$j3sCuLu6$B/IowgHHbxLHmPokmvWJl1
```

Captura de poner proxy en el navegador de un ordenador de la red

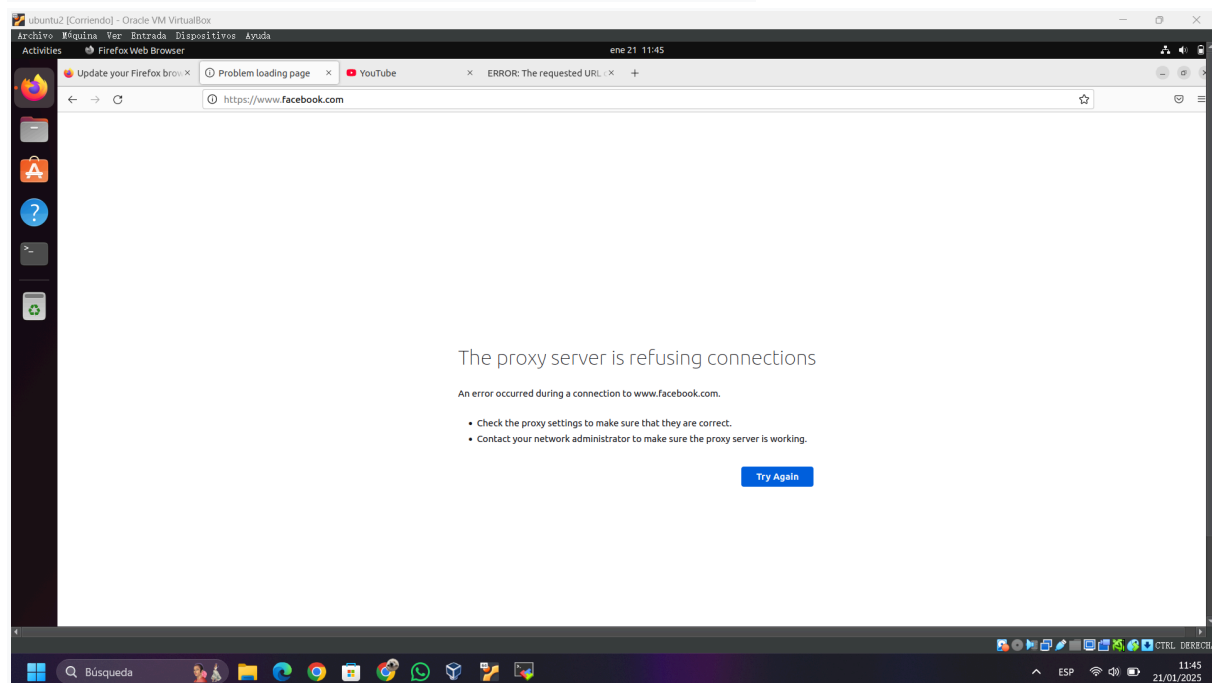


Captura entrando a la pantalla de login desde un ordenador de la red



Captura entrando a una página bloqueada

entramos a facebook cual está el bloqueo de este web.



sigue funcionando los web que no estén bloqueado

