


```

    x      x+[      ]      ESI      ESI      support
x x
  x x+[x]  EXAMPLES  Build and/or install examples
x x
  x x+[x]  FOLLOW_XFF  Support for the X-Following-For header
x x
  x      x+[x]      FS_AUFS      AUFS      (threaded-io)      support
x x
  x x+[x]  FS_DISKD  DISKD storage engine controlled by separate
service
    x      x+[x]      FS_ROCK      ROCK      storage      engine
x x
    x      x+[x]      HTCP      HTCP      support
x x
    x      x+[x]      ICAP      the      ICAP      client
x x
  x x+[x]  ICMP      ICMP      pinging and network measurement
x x
  x      x+[x]      IDENT      Ident      lookups      (RFC      931)
x x
  x      x+[x]      IPV6      IPv6      protocol      support
x x
  x      x+[x]      KQUEUE      Kqueue(2)      support
x x
  x x+[x]  LARGEFILE  Support large (>2GB) cache and log files
x x
  x x+[x]  LAX_HTTP  Do not enforce strict HTTP compliance
x x
  x      x+[      ]  NETTLE  Nettle MD5 algorithm support
x x
  x x+[x]  PCRE      Use Perl Compatible Regular Expressions
x x
    x      x+[x]      SNMP      SNMP      support
x x
    x      x+[x]      SSL      SSL      gatewaying      support
x x
  x x+[x]  SSL_CRTD  Use ssl_crtid to handle SSL cert requests
x x
  x x+[      ]  STACKTRACES  Enable automatic backtraces on fatal
errors
    x      x+[x]      VIA_DB      Forward/Via      database

```



```
acl Safe_ports port 777 # multiling http
acl CONNECT method CONNECT

# Добавление в acl списков для users и urls/domain:
запрещенные, разрешенные
# и группа расширенного доступа (отключена)
acl denied_users src "/usr/local/etc/squid/denied_users"
acl denied_urls url_regex "/usr/local/etc/squid/denied_urls"
acl allowed_users src "/usr/local/etc/squid/allowed_users"
#acl                allowed_urls                url_regex
"/usr/local/etc/squid/allowed_urls"
#acl                extended_access_group        src
"/usr/local/etc/squid/extended_access_group"

# Deny requests to certain unsafe ports
http_access deny !Safe_ports

# Deny CONNECT to other than secure SSL ports
http_access deny CONNECT !SSL_ports

# Only allow cachemgr access from localhost
http_access allow localhost manager
http_access deny manager

## Разрешаем осуществлять коннект к ресурсу, если https
http_access allow localnet CONNECT

## Запрещаем всем доступ на запрещенные сайты
http_access deny denied_users denied_urls
http_access allow allowed_users

## Этим правилом разрешаем всем кто не в группе расширенного
доступа ходить только на
# разрешенные сайты
# http_access deny !extended_access_group !allowed_urls

http_access allow localnet
http_access allow localhost
http_access deny all

## Обязательно один из портов должен быть в таком виде и
```

являться заглушкой

```
http_port 3130
```

```
http_port 3128 intercept
```

```
https_port 3129 intercept ssl-bump
```

```
options=ALL:NO_SSLv3:NO_SSLv2 connection-auth=off
```

```
cert=/usr/local/etc/squid/squidCA.pem
```

```
always_direct allow all
```

```
sslproxy_cert_error allow all
```

```
sslproxy_flags DONT_VERIFY_PEER
```

```
## Правила доступа для ssl
```

```
# правило со списком блокируемых ресурсов (в файле домены вида  
.domain.com)
```

```
acl blocked ssl::server_name_regex
```

```
"/usr/local/etc/squid/denied_urls"
```

```
acl step1 at_step SslBump1
```

```
ssl_bump peek step1
```

```
# терминируем соединение, если клиент заходит на запрещенный  
ресурс
```

```
ssl_bump terminate blocked
```

```
ssl_bump splice all
```

```
sslcrtd_program /usr/lib/squid/ssl_crtd -s /var/lib/ssl_db -M  
4MB
```

```
# Uncomment and adjust the following to add a disk cache  
directory.
```

```
#cache_dir ufs /var/squid/cache 100 16 256
```

```
# Leave coredumps in the first cache dir
```

```
coredump_dir /var/squid/cache
```

```
refresh_pattern ^ftp: 1440 20% 10080
```

```
refresh_pattern ^gopher: 1440 0% 1440
```

```
refresh_pattern -i (/cgi-bin/|\?) 0 0% 0
```

```
refresh_pattern . 0 20% 4320
```

Создаем файлы:

```
touch /usr/local/etc/squid/denied_urls
cat /usr/local/etc/squid/denied_urls
.pornhub.com
.xxx.com
touch /usr/local/etc/squid/denied_users
cat /usr/local/etc/squid/denied_users
192.168.113.110 # menagers dep
192.168.113.203 #
```

```
touch /usr/local/etc/squid/allowed_users
cat /usr/local/etc/squid/allowed_users
192.168.113.0/24 # вся сеть
touch /usr/local/etc/squid/extended_access_group
cat /usr/local/etc/squid/extended_access_group
192.168.0.12 # Masha
192.168.0.15 # Direktor
192.168.0.53 # Sasha
192.168.0.54 # My Note
```

Делаем сертификат

```
cd /usr/local/etc/squid/
openssl req -new -newkey rsa:1024 -days 365 -nodes -x509 -
keyout squidCA.pem -out squidCA.pem
```

Добавляем в /etc/rc.conf

```
squid_enable="YES"
```

Инициализируем кеш:

```
squid -z
```

Добавляем правила в IPFW

```
### LAN
```

```
${ipfw} add allow ip from any to any via ${lan}
```

```
### SQUID прозрачный
```

```
${ipfw} add fwd 127.0.0.1,3128 tcp from table\(\0\) to any 80
out via ${wan}
```

```
${ipfw} add fwd 127.0.0.1,3129 tcp from table\(\0\) to any 443
out via ${wan}
```

Перезапускаем IPFW и стартуем squid:

```
/etc/rc.d/ipfw restart  
service squid start
```

Проверяем.

<https://www.ew8bak.ru/2017/02/14/>

<https://wiki.squid-cache.org/ConfigExamples/Intercept/Ipfw>