

/etc/sysconfig/iptables

```
*nat
-A PREROUTING -p tcp -m tcp --dport 80 -j REDIRECT --to-ports 8080      --
force to use proxy server (if proxy port is 8080)
-A PREROUTING -p tcp -m tcp --dport 80 -j REDIRECT --to-ports 3128    --
force to use proxy server (if proxy port is 3128)
```

Without proxy port redirection is better to control internet access. But all pc need to set up proxy address and port.

```
:FORWARD DROP [0:0]                                                    -- BASIC
RULE IS DROP
```

```
#-A FORWARD -p tcp --dport 80 -j ACCEPT                                -- stop
direct address to the
internet ( # makes comment)
```

```
#-A FORWARD -p tcp --dport 443 -j ACCEPT                               -- stop
direct address to the
internet if without proxy port redirection
```

```
-A FORWARD -d 66.220.144.0/19 -p tcp --dport 443 -j DROP             -- stop
facebook
```

```
access with https, but this is 24hrs
-A FORWARD -d 69.63.176.0/20 -p tcp --dport 443 -j DROP             -- stop
facebook
```

```
access with https, but this is 24hrs
-A FORWARD -d 204.15.20.0/22 -p tcp --dport 443 -j DROP             -- stop
facebook
access with https, but this is 24hrs
```

```
#-A FORWARD -p tcp --dport 1023: -j ACCEPT                             -- stop
oprnt over 1023
```

/etc/squid/squid.conf

```
acl numeric_IPs url_regex ^[0-9]+\.[0-9]+\.[0-9]+\.[0-9]+          --
not allow to
```

```
access website with IP address ( skype and any)
acl blacklist url_regex "/etc/squid/blackurl.txt"                    --
block sites list
```

```
acl blackpath urlpath_regex "/etc/squid/blackword.txt"              --
block keywords
```

```
acl WORKING1 time MTWHF 09:00-13:00                                  -- timing
acl WORKING2 time MTWHF 14:00-17:00                                  -- timing
```

```
http_access deny CONNECT numeric_IPs WORKING1
http_access deny CONNECT numeric_IPs WORKING2
http_access deny blacklist WORKING1
http_access deny blacklist WORKING2
http_access deny blackpath WORKING1
http_access deny blackpath WORKING2
```