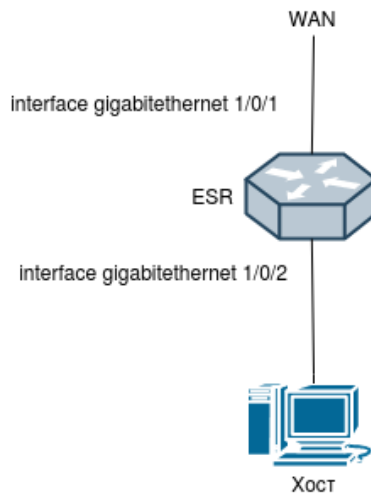


# URL (Black list)



1. URL, ip http/https proxy.

(YouTube, ) gi 1/0/2 (), (default action permit ip http profile Test). object-group url Black YouTube regexp:

```
esr# sh running-config

object-group url Black
  url https://vk.com/
  regexp 'youtube.com'
exit

ip http profile Test
  default action permit
  urls local Black action deny
exit

interface gigabitethernet 1/0/1
  description "to_WAN"
  ip firewall disable
  ip address 192.0.2.1/30
exit

interface gigabitethernet 1/0/2
  description "to_LAN"
  ip firewall disable
  ip address 192.168.0.10/24
  ip http proxy Test
  ip https proxy Test
exit

nat source
  ruleset test
  to interface gigabitethernet 1/0/1
  rule 1
    action source-nat interface
    enable
  exit
exit

ip route 0.0.0.0/0 192.0.2.2
```

1.14.5.

2. Firewall.

ESR Firewall:

```

interface gigabitethernet 1/0/1
  description "to_WAN"
  security-zone untrusted
  ip address 192.0.2.1/30
exit

interface gigabitethernet 1/0/2
  description "to_LAN"
  security-zone trusted
  ip address 192.168.0.10/24
  ip http proxy Test
  ip https proxy Test
exit

```

Self -:

```

object-group service proxy
  port-range <port-range>
exit

security zone-pair trusted self
  rule <>
    action permit
    match protocol tcp
    match destination-port proxy
    enable
exit

```

<port-range> - ESR :

- http proxy , ( 3128) + cpu ESR - 1.
  - https proxy , ( 3128)+ cpu ESR + cpu ESR \* 2 - 1.
- ESR-20, 4 CPU, port-range 3128-3135.

P.S. google(YouTube, drive.google) QUIC , (http, https) . firewall( udp:80;443), QUIC . QUIC firewall:

```

object-group service QUIC
  port-range 80
  port-range 443
exit

security zone-pair trusted untrusted
  rule 5
    action deny
    match protocol udp
    match destination-port QUIC
    enable
exit

```