

SOCKS proxy

C

```
: system  
      : Level1  
: /ip socks  
      : SOCKS version 4  
      :
```

- Web Proxy
- NAT

SOCKS -

TCP
. SOCKS

WWW, FTP, TELET
SOKS

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SOCKS

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SOCKS

SOCKS

connection-idle-timeout (time; default: **2m**) -
idle

enabled (yes | no; default: **no**) - SOCKS

max-connections (integer: 1..500; default: **200**) -

port (integer: 1..65535; default: **1080**) - TCP

SOCKS

SOCKS

:

```
[admin@MikroTik] ip socks> set enabled=yes
[admin@MikroTik] ip socks> print
    enabled: yes
    port: 1080
    connection-idle-timeout: 2m
    max-connections: 200
[admin@MikroTik] ip socks>
```

: **/ip socks access**

SOCKS

SOCKS

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action (allow | deny; default: **allow**) -

allow -

deny -

- **dst-address** (IP address/netmask:port) -
- **src-address** (IP address/netmask:port) -

: **/ip socks connections**

SOCKS

TCP

dst-address (read-only: IP address) - IP ()
RX (read-only: integer) -
src-address (read-only: IP address) - IP ()
TX (read-only: integer) -

TCP :

```
[admin@MikroTik] ip socks connections> print
```

#	SRC-ADDRESS	DST-ADDRESS	TX	RX
0	192.168.0.2:3242	159.148.147.196:80	4847	2880
1	192.168.0.2:3243	159.148.147.196:80	3408	2127
2	192.168.0.2:3246	159.148.95.16:80	10172	25207
3	192.168.0.2:3248	194.8.18.26:80	474	1629
4	192.168.0.2:3249	159.148.95.16:80	6477	18695
5	192.168.0.2:3250	159.148.95.16:80	4137	27568
6	192.168.0.2:3251	159.148.95.16:80	1712	14296
7	192.168.0.2:3258	80.91.34.241:80	314	208
8	192.168.0.2:3259	80.91.34.241:80	934	524
9	192.168.0.2:3260	80.91.34.241:80	930	524
10	192.168.0.2:3261	80.91.34.241:80	312	158
11	192.168.0.2:3262	80.91.34.241:80	312	158

```
[admin@MikroTik] ip socks connections>
```

FTP SOCKS

10.1.0.104/24 IP **192.168.0.1/24** - **192.168.0.2/24** IP
IP **10.5.8.8** FTP FTP

NAT(MASQUERADE)

```
[admin@MikroTik] ip firewall nat> print
```

Flags: X - disabled, I - invalid, D - dynamic

```
0 chain=srcnat src-address=192.168.0.0/24 action=masquerade
```

```
[admin@MikroTik] ip firewall nat>
```

FTP 10.5.8.8:

```
[admin@MikroTik] ip firewall filter> print
```

Flags: X - disabled, I - invalid, D - dynamic

```
0 chain=forward src-address=192.168.0.0/24 dst-address=:21 action=drop
```

```
[admin@MikroTik] ip firewall filter>
```

SOCKS :

```
[admin@MikroTik] ip socks> set enabled=yes
[admin@MikroTik] ip socks> print
enabled: yes
port: 1080
connection-idle-timeout: 2m
max-connections: 200
[admin@MikroTik] ip socks>
```

```
65535          FTP          IP          192.168.0.2/32,
                IP          )          (          .          1024
```

```
[admin@MikroTik] ip socks access> add src-address=192.168.0.2/32 dst-
address=:21 action=allow
[admin@MikroTik] ip socks access> add dst-address=:1024-65535 action=allow
[admin@MikroTik] ip socks access> add action=deny
[admin@MikroTik] ip socks access> print
Flags: X - disabled
0 src-address=192.168.0.2/32 dst-address=:21 action=allow
1 dst-address=:1024-65535 action=allow
2 action=deny
[admin@MikroTik] ip socks access>
```

SOCKS

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```
[admin@MikroTik] ip socks connections> print
# SRC-ADDRESS          DST-ADDRESS          TX          RX
0 192.168.0.2:1238      10.5.8.8:21          1163        4625
1 192.168.0.2:1258      10.5.8.8:3423        0            3231744
[admin@MikroTik] ip socks connections>
```

```
!          SOCKS
IP          IP          FTP          .
IP          192.168.0.1 (          /SOCK)          1080.
```