

```
repeat new password>
Try again, error: New password is the same as old one
new password>
repeat new password>
Try again, error: New password is the same as old one
new password> ****
repeat new password> ****

Password changed
[admin@MikroTik] > ip firewall filter print
Flags: X - disabled, I - invalid, D - dynamic
0 D ;;; special dummy rule to show fasttrack counters
chain=forward action=passthrough

1 ;;; defconf: accept established,related,untracked
chain=input action=accept connection-state=established,related,untracked

2 ;;; defconf: drop invalid
chain=input action=drop connection-state=invalid

3 ;;; defconf: accept ICMP
chain=input action=accept protocol=icmp

4 ;;; defconf: accept to local loopback (for CAPsMAN)
chain=input action=accept dst-address=127.0.0.1

5 ;;; defconf: drop all not coming from LAN
chain=input action=drop in-interface-list=LAN

6 ;;; defconf: accept in ipsec policy
chain=forward action=accept ipsec-policy=in,ipsec

7 ;;; defconf: accept out ipsec policy
chain=forward action=accept ipsec-policy=out,ipsec

8 ;;; defconf: fasttrack
chain=forward action=fasttrack-connection connection-state=established,related

9 ;;; defconf: accept established,related, untracked
chain=forward action=accept connection-state=established,related,untracked

10 ;;; defconf: drop invalid
chain=forward action=drop connection-state=invalid

11 ;;; defconf: drop all from WAN not DSTNATED
chain=forward action=drop connection-state=new connection-nat-state=dstnat in-interface-list=WAN
[admin@MikroTik] >
[admin@MikroTik] > ip firewall filter export compact
# jan/02/1970 00:05:02 by RouterOS 6.49.10
# software id = TJKE-VQ6R
#
# model = RB952Ui-5ac2nD
# serial number = CC3E0E31C2F6
/ip firewall filter
add action=accept chain=input comment="defconf: accept established,related,untracked" connection-state=established,related,untracked
add action=drop chain=input comment="defconf: drop invalid" connection-state=invalid
add action=accept chain=input comment="defconf: accept ICMP" protocol=icmp
add action=accept chain=input comment="defconf: accept to local loopback (for CAPsMAN)" dst-address=127.0.0.1
add action=drop chain=input comment="defconf: drop all not coming from LAN" in-interface-list=LAN
add action=accept chain=forward comment="defconf: accept in ipsec policy" ipsec-policy=in,ipsec
add action=accept chain=forward comment="defconf: accept out ipsec policy" ipsec-policy=out,ipsec
add action=fasttrack-connection chain=forward comment="defconf: fasttrack" connection-state=established,related
add action=accept chain=forward comment="defconf: accept established,related, untracked" connection-state=established,related,untracked
add action=drop chain=forward comment="defconf: drop invalid" connection-state=invalid
add action=drop chain=forward comment="defconf: drop all from WAN not DSTNATED" connection-nat-state=dstnat connection-state=new in-interface-list=WAN
[admin@MikroTik] >
```

CONFIGURACIÓ DEFAULT:

```
[admin@MikroTik] > ip firewall filter print
Flags: X - disabled, I - invalid, D - dynamic
0 D ;;; special dummy rule to show fasttrack counters
chain=forward action=passthrough

1 ;;; defconf: accept established,related,untracked
chain=input action=accept connection-state=established,related,untracked

2 ;;; defconf: drop invalid
chain=input action=drop connection-state=invalid

3 ;;; defconf: accept ICMP
chain=input action=accept protocol=icmp

4 ;;; defconf: accept to local loopback (for CAPsMAN)
chain=input action=accept dst-address=127.0.0.1

5 ;;; defconf: drop all not coming from LAN
chain=input action=drop in-interface-list=!LAN
```

```

6   ;;; defconf: accept in ipsec policy
   chain=forward action=accept ipsec-policy=in,ipsec

7   ;;; defconf: accept out ipsec policy
   chain=forward action=accept ipsec-policy=out,ipsec

8   ;;; defconf: fasttrack
   chain=forward action=fasttrack-connection connection-
state=established,related

9   ;;; defconf: accept established,related, untracked
   chain=forward action=accept connection-state=established,related,untracked

10  ;;; defconf: drop invalid
   chain=forward action=drop connection-state=invalid

11  ;;; defconf: drop all from WAN not DSTNATed
   chain=forward action=drop connection-state=new connection-nat-state=!dstnat
in-interface-list=WAN
[admin@MikroTik] >
[admin@MikroTik] > ip firewall filter export compact
# jan/02/1970 00:05:02 by RouterOS 6.49.10
# software id = TJKE-VQ6R
#
# model = RB952Ui-5ac2nD
# serial number = CC3E0E31C2F6
/ip firewall filter
add action=accept chain=input comment="defconf: accept
established,related,untracked" connection-state=established,related,untracked
add action=drop chain=input comment="defconf: drop invalid" connection-
state=invalid
add action=accept chain=input comment="defconf: accept ICMP" protocol=icmp
add action=accept chain=input comment="defconf: accept to local loopback (for
CAPsMAN)" dst-address=127.0.0.1
add action=drop chain=input comment="defconf: drop all not coming from LAN" in-
interface-list=!LAN
add action=accept chain=forward comment="defconf: accept in ipsec policy" ipsec-
policy=in,ipsec
add action=accept chain=forward comment="defconf: accept out ipsec policy" ipsec-
policy=out,ipsec
add action=fasttrack-connection chain=forward comment="defconf: fasttrack"
connection-state=established,related
add action=accept chain=forward comment="defconf: accept established,related,
untracked" connection-state=established,related,untracked
add action=drop chain=forward comment="defconf: drop invalid" connection-
state=invalid
add action=drop chain=forward comment="defconf: drop all from WAN not DSTNATed"
connection-nat-state=!dstnat connection-state=new in-interface-list=WAN

```

TRIAR SUBXARXA DEV: 10.1.1.0/25

Broadcast: 10.1.1.127

192.168.88.1/webfig/#Firewall

#	Action	Chain	Src. Address	Dst. Address	Protocol	Src. Port	Dst. Port	Any. Port	In. Interface	Out. Interface	In. Interface List	Out. Interface List	Src. Address List	Dst. Address List	Bytes	Packets
0	passthrough	forward													0 B	0
1	accept	input													919.3 KiB	5 880
2	drop	input													0 B	0
3	accept	input			1 (icmp)										0 B	0
4	accept	input		127.0.0.1											0 B	0
5	drop	input								LAN					328 B	1
6	accept	forward													0 B	0
7	accept	forward													0 B	0
8	fasttrack connection	forward													0 B	0
9	accept	forward													0 B	0
10	drop	forward													0 B	0
11	drop	forward								WAN					0 B	0
12	accept	forward	10.1.1.0/25		6 (tcp)		80,443								0 B	0
13	accept	forward	10.1.1.0/25	10.1.1.0/25	6 (tcp)	80,443	80								0 B	0
14	accept	forward	192.168.88.0/24	192.168.88.0/24	6 (tcp)	80	80								0 B	0
15	accept	forward	192.168.88.0/24	192.168.88.0/24	6 (tcp)	80									0 B	0
16	accept	forward	10.1.1.0/25	8.8.8.8	17 (udp)		53								0 B	0
17	accept	forward	8.8.8.8	10.1.1.0/25	17 (udp)		53								0 B	0
18	accept	forward	10.1.1.0/25	1 (icmp)											0 B	0
19	accept	forward	10.1.1.0/25	1 (icmp)											0 B	0
20	accept	forward	10.1.1.224/30	10.1.1.224/30	17 (udp)		520								0 B	0
21	accept	forward	10.1.1.224/30	224.0.0.9	17 (udp)		520								0 B	0

```

[admin@MikroTik] > ip firewall filter print
Flags: X - disabled, I - invalid, D - dynamic
0 D ;; special dummy rule to show fasttrack counters
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3 ;;; defconf: accept ICMP
chain=input action=accept protocol=icmp

4 ;;; defconf: accept to local loopback (for CAPsMAN)
chain=input action=accept dst-address=127.0.0.1

5 ;;; defconf: drop all net coming from LAN
chain=input action=drop in-interface-list=LAN

6 ;;; defconf: accept in ipsec policy
chain=forward action=accept ipsec-policy=in,ipsec

7 ;;; defconf: accept out ipsec policy
chain=forward action=accept ipsec-policy=out,ipsec

8 ;;; defconf: fasttrack
chain=forward action=fasttrack connection-state=established,related

9 ;;; defconf: accept established,related, untracked
chain=forward action=accept connection-state=established,related,untracked

10 ;;; defconf: drop invalid
chain=forward action=drop connection-state=invalid

11 ;;; defconf: drop all from wan not DSTNATed
chain=forward action=drop connection-state=new connection-net-dstnat in-interface-list=wan

12 chain=forward action=accept protocol=tcp src-address=10.1.1.0/25 dst-port=80,443 log=no log-prefix=""

13 chain=forward action=accept protocol=tcp src-address=10.1.1.0/25 src-port=80,443 log=no log-prefix=""

14 chain=forward action=accept protocol=tcp src-address=192.168.88.0/24 dst-address=192.168.88.0/24 src-port=80 log=no log-prefix=""

15 chain=forward action=accept protocol=tcp src-address=192.168.88.0/24 dst-address=192.168.88.0/24 src-port=80 log=no log-prefix=""

16 chain=forward action=accept protocol=udp src-address=10.1.1.0/25 dst-address=8.8.8.8 dst-port=53 log=no log-prefix=""

17 chain=forward action=accept protocol=udp src-address=8.8.8.8 dst-address=10.1.1.0/25 src-port=53 log=no log-prefix=""

18 chain=forward action=accept protocol=icmp src-address=10.1.1.0/25 log=no log-prefix=""

19 chain=forward action=accept protocol=icmp src-address=10.1.1.0/25 log=no log-prefix=""

20 chain=forward action=accept protocol=udp src-address=10.1.1.224/30 dst-address=10.1.1.224/30 log=no log-prefix=""

21 chain=forward action=accept protocol=udp src-address=10.1.1.224/30 dst-address=224.0.0.9 dst-port=520 log=no log-prefix=""
[admin@MikroTik] >

```

```

[admin@MikroTik] > ip firewall filter print
Flags: X - disabled, I - invalid, D - dynamic
0 D ;;; special dummy rule to show fasttrack counters
chain=forward action=passthrough

1 ;;; defconf: accept established,related,untracked
chain=input action=accept connection-state=established,related,untracked

2 ;;; defconf: drop invalid
chain=input action=drop connection-state=invalid

3 ;;; defconf: accept ICMP
chain=input action=accept protocol=icmp

4 ;;; defconf: accept to local loopback (for CAPsMAN)
chain=input action=accept dst-address=127.0.0.1

```

```
5   ;;; defconf: drop all not coming from LAN
   chain=input action=drop in-interface-list=!LAN

6   ;;; defconf: accept in ipsec policy
   chain=forward action=accept ipsec-policy=in,ipsec

7   ;;; defconf: accept out ipsec policy
   chain=forward action=accept ipsec-policy=out,ipsec

8   ;;; defconf: fasttrack
   chain=forward action=fasttrack-connection connection-
state=established,related

9   ;;; defconf: accept established,related, untracked
   chain=forward action=accept connection-state=established,related,untracked

10  ;;; defconf: drop invalid
   chain=forward action=drop connection-state=invalid

11  ;;; defconf: drop all from WAN not DSTNATed
   chain=forward action=drop connection-state=new connection-nat-state=!dstnat
in-interface-list=WAN

12  chain=forward action=accept protocol=tcp src-address=10.1.1.0/25 dst-
port=80,443 log=no log-prefix=""

13  chain=forward action=accept protocol=tcp dst-address=10.1.1.0/25 src-
port=80,443 log=no log-prefix=""

14  chain=forward action=accept protocol=tcp src-address=192.168.88.0/24 dst-
address=192.168.88.0/24 dst-port=80 log=no log-prefix=""

15  chain=forward action=accept protocol=tcp src-address=192.168.88.0/24 dst-
address=192.168.88.0/24 src-port=80 log=no log-prefix=""

16  chain=forward action=accept protocol=udp src-address=10.1.1.0/25 dst-
address=8.8.8.8 dst-port=53 log=no log-prefix=""

17  chain=forward action=accept protocol=udp src-address=8.8.8.8 dst-
address=10.1.1.0/25 src-port=53 log=no log-prefix=""

18  chain=forward action=accept protocol=icmp dst-address=10.1.1.0/25 log=no log-
prefix=""

19  chain=forward action=accept protocol=icmp src-address=10.1.1.0/25 log=no log-
prefix=""

20  chain=forward action=accept protocol=udp src-address=10.1.1.224/30 dst-
address=10.1.1.224/30 dst-port=520 log=no log-prefix=""

21  chain=forward action=accept protocol=udp src-address=10.1.1.224/30 dst-
address=224.0.0.9 dst-port=520 log=no log-prefix=""
```

```
C:\Users\Convidat.AUL-1974>ping www.google.com

Haciendo ping a www.google.com [142.250.184.164] con 32 bytes de datos:
Respuesta desde 142.250.184.164: bytes=32 tiempo=10ms TTL=116
Respuesta desde 142.250.184.164: bytes=32 tiempo=10ms TTL=116
Respuesta desde 142.250.184.164: bytes=32 tiempo=10ms TTL=116
Respuesta desde 142.250.184.164: bytes=32 tiempo=10ms TTL=116


Estadísticas de ping para 142.250.184.164:
    Paquetes: enviados = 4, recibidos = 4, perdidos = 0
        (0% perdidos),
    Tiempos aproximados de ida y vuelta en milisegundos:
        Mínimo = 10ms, Máximo = 10ms, Media = 10ms

C:\Users\Convidat.AUL-1974>
C:\Users\Convidat.AUL-1974>
```

	11	✖ drop	forward						WAN			0 B	0	
[D]	12	✔ accept	forward	10.1.1.0/25		6 (tcp)		80,443				0 B	0	
[D]	13	✔ accept	forward		10.1.1.0/25	6 (tcp)	80,443					0 B	0	
[E] X	14	♥ accept	forward	192.168.88.0/24	192.168.88.0/24	6 (tcp)		80				0 B	0	
[E] X	15	♥ accept	forward	192.168.88.0/24	192.168.88.0/24	6 (tcp)	80					0 B	0	
[E] X	16	♥ accept	forward	10.1.1.0/25	8.8.8.8	17 (udp)		53				0 B	0	
[E] X	17	♥ accept	forward	8.8.8.8	10.1.1.0/25	17 (udp)	53					0 B	0	
[E] X	18	♥ accept	forward		10.1.1.0/25	1 (icmp)						0 B	0	
[E] X	19	♥ accept	forward	10.1.1.0/25		1 (icmp)						0 B	0	
[E] X	20	♥ accept	forward	10.1.1.224/30	10.1.1.224/30	17 (udp)		520				0 B	0	
[E] X	21	♥ accept	forward	10.1.1.224/30	224.0.0.9	17 (udp)		520				0 B	0	
[D]	22	✖ reject	forward			6 (tcp)						450.7 KiB	1 108	

Ens podem connectar a la web i navegar sense problema

COMPROVACIÓ DNS:



A screenshot of a Windows command prompt window. The title bar shows the path 'C:\WINDOWS\system32\cmd.exe - nslookup'. The command 'C:\Users\Convidat_AUL-1974>nslookup' has been entered. The output shows the server 'Servidor predeterminado: router.lan' and the address 'Address: 192.168.88.1'. A second command '> www.google.com' has been entered, resulting in the same server and address information. Below this, the text 'Respuesta no autoritativa:' is displayed, followed by 'Nombre: www.google.com' and 'Addresses: 2001:4850:4003::80c::2004' and '142.250.184.164'. The prompt '>' is visible at the bottom.

```
C:\WINDOWS\system32\cmd.exe - nslookup
C:\Users\Convidat_AUL-1974>nslookup
Servidor predeterminado: router.lan
Address: 192.168.88.1

> www.google.com
Servidor: router.lan
Address: 192.168.88.1

Respuesta no autoritativa:
Nombre: www.google.com
Addresses: 2001:4850:4003::80c::2004
142.250.184.164

>
```

[illegible][illegible]