## How do I open WebFig for External User in Mikrotik Router

In order to allow connect to Mikrotik Router WebFig remotely, you should add a firewall filter and NAT rule for remote connection in WebFig.

## 1) Create a firewall filter

The first action you should do is to add filtering option for port 80 at IP Firewall Filter Rules Add New

CAPSMAN	RouterOS v6.47.3 (stable)										
Q Wireless	3)										
Interfaces	Filter R	ules	NAT	Mangle Raw	Service P	orts Conne	ections Ad	ldress Lists	Layer7 Pr	otocols	
💥 Bridge		4).—									
The Switch	Add Ne	Add New Reset All Counters									
The PPP											
°T <mark>°</mark> Mesh	18 iten	ns									
≝ IP <b>1)</b> ▼						Sec	Det				
ARP			#	Action	Chain	Address	Address	Prot	Src. Port	Dst. Port	Any. Port
Accounting	::: spe	cial dun	nmv rule	to show fasttr	ack counters						
Addresses	-	D	0	passthrout	forward						
Cloud	::: defc	conf: ac	cent esta	blished.relate	Luntracked						
DHCP Client	- D		1	✓ accept	input						
DHCP Relay	::: allo	w IPsec	NAT	•							
DHCP Server	- D		2	🔮 accept	input			17 (udp		4500	
DNS	::: allo	w IKE	_	•				(			
Firewall 2)	- D		3	🔮 accept	input			17 (udp		500	
Hotspot	::: allo	w l2tp	_					(			
IPsec	- D		4	🔮 accept	input			17 (udp		1701	
Kid Control	::: allo	w pptp									
Neighbors	- D		5	🛷 accept	input			6 (tcp)		1723	
Packing	::: allo	us allow estin									
Pool	- D		6	🛷 accept	input			6 (tcp)		443	
Routes	::: ГСК	l added	for Web	Fia				- (			
SMB	- D		7	✓ accept	input			6 (tcp)		80	
SNMP	::: defc	onf: dr	op invalid	1				- (			
Services	- D		8	🗱 drop	input						
- C 11			1		•	1					

And then you should make sure if you put following item correctly

OK Cancel Apply Remo	Reset Counters
not invalid	
Enabled	<ul><li>✓</li></ul>
Chain	input 🗸
Src. Address 🔻	
Dst. Address 🔻	
Protocol 🔺	□ 6 (tcp)
Src. Port 🔻	
Dst. Port 🔺	80
Any. Port 🔻	

IP Fr	agment	•	
	Action	accept	~
	Log		
	1.00		
Comment	[CK] a	dded for WebFig	

You may able to locate above filtering information after #6 like below:

;;; spec	;;; special dummy rule to show fasttrack counters									
-	D	0	🕒 passthro	forward						
;;; defo	;;; defconf: accept established,related,untracked									
- D		1	🛷 accept	input						
;;; allov	;;; allow IPsec NAT									
- D		2	🛷 accept	input			17 (udp		4500	
;;; allov	;;; allow IKE									
- D		3	🛷 accept	input			17 (udp		500	
;;; allov	v l2tp									
- D		4	🛷 accept	input			17 (udp		1701	
;;; allov	v pptp									
- D		5	🛷 accept	input			6 (tcp)		1723	
;;; allov	v sstp									
- D		6	🛷 accept	input			6 (tcp)		443	
;; [CK]	added	for WebF	≓ig							
- D		7	🛷 accept	input			6 (tcp)		80	
;;; defo	onf: dro	op invalid								
- D		7	🗱 drop	input						
;;; defo	;;; defconf: accept ICMP									
- D		8	🛷 accept	input			1 (icmp			
;;; defconf: accept to local loopback (for CAPsMAN)										
- D		9	🛷 accept	input		127.0.0.1				
;;; defo	;;; defconf: drop all not coming from LAN									
- D		10	🗱 drop	input						

## 2) Creating a NAT rule by IP Firewall NAT Add New

CAPSMAN	RouterOS v6.47.3 (stable)											
Wireless												
Interfaces	Filter Rules	NAT	Mangle Ra	w S	Service Ports	Connec	tions Addre	ess Lists	Layer7 Pr	otocols		
👯 Bridge	4)											
🙄 Switch	Add New Re	Add New Reset All Counters										
The second secon												
° 🕻 Mesh	9 items											
🐺 IP 1) 🔻					6		D-1					
ARP		#	Action	Cha	ain Ado	Iress	Address	Prot	Src. Port	Dst. Port	Any. Port	In. Interf
Accounting	;;; CK - Servio	ce Hairp	in to .6 ~ MAI		FEWAY to 192	168.10.6	(25,80,110,44	43,20022	)			
Addresses	- D	0	→  <sup>*</sup> dst-nat	dst	nat		192.168.10.	6 (tcp)	-	25,80,110	4	
Cloud	;;; Service Ha	::: Service Hairpin to SSH										
DHCP Client	- D	1	→  <sup>*</sup> dst-nat	dst	nat		192.168.10.	6 (tcp)		20022		
DHCP Relay	::: defconf: m	u defconf: masquerade										
DHCP Server	- D	2	II masque	eri srci	nat							
DNS	::: masg. vpn											
Firewall 2)	- D	3	l masou	eri srci	nat 192	.168.10.0						
Hotspot	;;; SSH to Main Server											
IDeee			1					1	1			1

And you should check followings

OK Cancel Apply	Remove Reset Counters
not invalid	
Enabled	
Chain	dstnat 🗸
Src. Address	•
Dst. Address	•
Protocol	▲ [6 (tcp) ♥
Src. Port	•
Dst. Port	▲ [80
Any. Port	•
In. Interface	▲ 🗌 ether1-gateway ❤

Note that you can change the connection port number if you want

Action	dst-nat 🗸
Log	
Log Prefix	•
To Addresses	▲ 192.168.89.1
To Ports	▲ 80
Comment [CK]	WebFig

Now you can connect to WebFig remotely.