

PFSense Firewall 2.3

PPTP VPN passthru workaround

VPN forward med PPTP og GRE

[June 21, 2016](#) [The Amixa Web Guru](#) [PFSense](#), [Random Bits](#), [Windows 10](#), [Windows 7 tips](#), [Windows Server](#)

PFSense 2.3.x and up have removed the PPTP tab, and PPTP passthru options. This is because PPTP has been depreciated and it not considered 100% safe anymore.

For those of you still in need of using PPTP passthru to allow Windows VPN remote users into your LAN, here is the easy workaround.

1. Firewall, NAT, Port forward.
 - A. add port forward from WAN (presumably your outside interface name)
 - i. TCP
 - ii. WAN ADDRESS
 - iii. DEST PORT RANGE=PPTP 1723
 - iv. REDIRECT TARGET IP=the internal IP of your Windows RRAS server.
 - v. REDIRECT TARGET PORT=1723
 - vi. Allow it to ADD ASSOCIATED FILTER RULE for this entry
 - vii. SAVE
 - B. add another rule, exactly the same as above EXCEPT for GRE. All the same settings, but use GRE
2. Once that is complete, go look at your WAN firewall rules. You should have two new auto-created rules. One for PPTP and one for GRE.
3. Remote users should now be able to connect just fine through PFSense 2.3.x into your Windows RRAS server.

Remember, using PPTP in 2016 is considered a risk, so do it at your own risk. Please consider moving towards a newer VPN standard with better security.

Eksempel:

Browser address bar: https://192.168.0.1/firewall_nat.php Certificate error pfSense.localdomain - Fire...

pfSense System Interfaces Firewall Services VPN Status Diagnostics Help

WARNING: The 'admin' account password is set to the default value. [Change the password in the User Manager.](#)

Firewall / NAT / Port Forward ?

Port Forward 1:1 Outbound NAT

Rules											
		Interface	Protocol	Source Address	Source Ports	Dest. Address	Dest. Ports	NAT IP	NAT Ports	Description	Actions
<input type="checkbox"/>	<input checked="" type="checkbox"/>	▶	WAN	TCP	*	*	WAN address	1723 (PPTP)	192.168.0.11 1723 (PPTP)		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	▶	WAN	GRE	*	*	WAN address	*	192.168.0.11 *		


Add Add Delete Save Separator


Legend
▶ Pass
⌘ Linked rule

Edit Redirect Entry

Disabled ☐ Disable this rule



No RDR (NOT) ☐ Disable redirection for traffic matching this rule
This option is rarely needed. Don't use this without thorough knowledge of the implications.

Interface 
Choose which interface this rule applies to. In most cases "WAN" is specified.

Protocol 
Choose which protocol this rule should match. In most cases "TCP" is specified.


Source  Display Advanced

Destination ☐ Invert match.  / 
Type Address/mask

Destination port range  
From port Custom To port Custom
Specify the port or port range for the destination of the packet for this mapping. The 'to' field may be left empty if only mapping a single port.

Redirect target IP
Enter the internal IP address of the server on which to map the ports.

Redirect target IP
Enter the internal IP address of the server on which to map the ports.
e.g.: 192.168.1.12

Redirect target port 
Port Custom
Specify the port on the machine with the IP address entered above. In case of a port range, specify the beginning port of the range (the end port will be calculated automatically).
This is usually identical to the "From port" above.

Description
A description may be entered here for administrative reference (not parsed).

No XMLRPC Sync ☐ Do not automatically sync to other CARP members
This prevents the rule on Master from automatically syncing to other CARP members. This does NOT prevent the rule from being overwritten on Slave.

NAT reflection 

Filter rule association 




Rule Information

Created 8/6/19 14:52:36 by admin@192.168.0.11 (Local Database)

Updated 8/6/19 14:55:53 by admin@192.168.0.11 (Local Database)

 File Explorer

Edit Redirect Entry

Disabled ☐ Disable this rule**No RDR (NOT)** ☐ Disable redirection for traffic matching this rule
This option is rarely needed. Don't use this without thorough knowledge of the implications.**Interface** 
Choose which interface this rule applies to. In most cases "WAN" is specified.**Protocol** 
Choose which protocol this rule should match. In most cases "TCP" is specified.**Source**  Display Advanced**Destination** ☐ Invert match.  / 
Type Address/mask**Redirect target IP**
Enter the internal IP address of the server on which to map the ports.
e.g.: 192.168.1.12**Description**
A description may be entered here for administrative reference (not parsed).**No XMLRPC Sync** ☐ Do not automatically sync to other CARP members
This prevents the rule on Master from automatically syncing to other CARP members. This does NOT prevent the rule from being overwritten on Slave.**NAT reflection** **Filter rule association** 

Rule Information

Created 8/6/19 14:55:42 by admin@192.168.0.11 (Local Database)**Updated** 8/6/19 14:55:42 by admin@192.168.0.11 (Local Database) Save