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

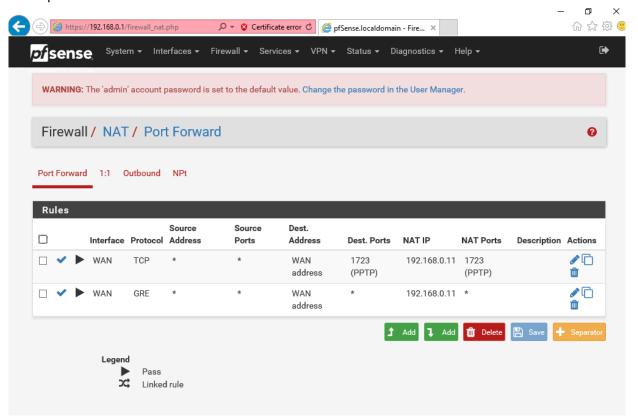
PFSense 2.3.x and up have removed the PPTP tab, and PPTP passthru options. This is because PPTP has been depreciated and it not considered 100% safe anymore.

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.

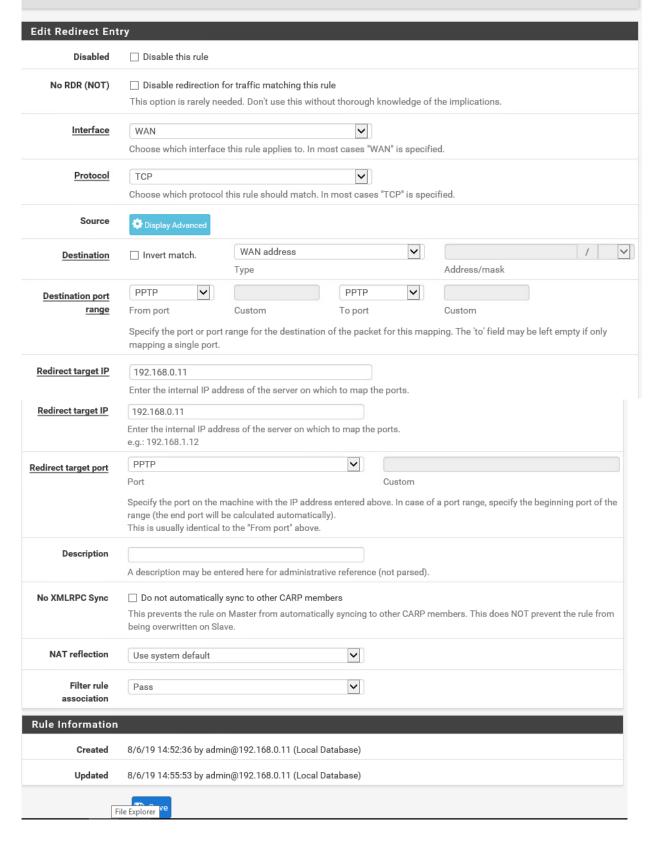
Remember, using PPTP in 2016 is considered a risk, so do it at your own risk. Please consider moving towards a newer VPN standard with better security.

Eksempel:



Firewall / NAT / Port Forward / Edit





Firewall / NAT / Port Forward / Edit **Edit Redirect Entry** Disabled Disable this rule No RDR (NOT) $\hfill \square$ Disable redirection for traffic matching this rule This option is rarely needed. Don't use this without thorough knowledge of the implications. <u>Interface</u> Choose which interface this rule applies to. In most cases "WAN" is specified. Protocol GRE ~ Choose which protocol this rule should match. In most cases "TCP" is specified. Source WAN address ~ Destination Invert match. Туре Address/mask Redirect target IP 192.168.0.11 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 $\hfill \square$ 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 ~ Use system default Filter rule ~ Pass 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) B Save