Configuration Aid To Ingate Firewall - PPTP Passthrough - Server on the Inside

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PPTP client on the outside

For various reasons, you might want to use a separate PPTP server behind the firewall instead of the built-in firewall server. If the PPTP server is located on a non-NATed network, this is very simple. If NAT is involved, some more settings are required. Here, such a setup is shown.

Networks and Computers

First, create a network for the PPTP server on the **Networks and Computers** page under **Network**.

Relays

Go to the **Relays** page under **Rules and Relays** and create a TCP relay which should listen to port 1723 on the firewall outside and forward the traffic to the PPTP server. Select TCP port forwarding as the **Relay type**.

The client should connect to the outside firewall IP address.

Services

Then, go to the **Services** page under **Rules and Relays** and define the service to manage the NATed PPTP traffic. Use TPC as the **Protocol**, Dynamic PPTP management as the **Firewall type**, and **Server ports** 1723. Give the new service a descriptive name.

Services							
Edit row	Name	Subgroup	Protocol	Firewall type	Client ports	Server ports	ICMP type	Delete row
☐	⊞ PPTP passthrough	-	TCP	Dynamic PPTP management	1-65535	1723		☐

Rules

Go to the **Rules** page and create a rule to let the PPTP traffic through from the PPTP server to the Internet. Use the newly created service. This is needed to let the GRE traffic through.

Note that this rule must be higher up in your rule list than any other rules allowing traffic from the network where the PPTP server is located.

Rules													
Edit Row	Rule No.	Active	Client	From IPsec Peer	Server	To IPsec Peer	Direction	Service	Action	Time Class	Log Class	Comment	Delete Row
☐	1	Yes	PPTP server	-	Internet	-	DMZ -> External (NAT:ed)	PPTP passthrough	Allow	24/7	Local		☐

Save/Load Configuration

Finally, go to the **Save/Load Configuration** page under **Administration** and apply the new settings by pressing **Apply configuration**.

When the configuration has been applied, you should save a backup to file. Press **Save config to CLI file** to save the configuration.