

Howto: PPTP Passthrough - Client on the Inside



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Ingate Firewall version: 4.6.2

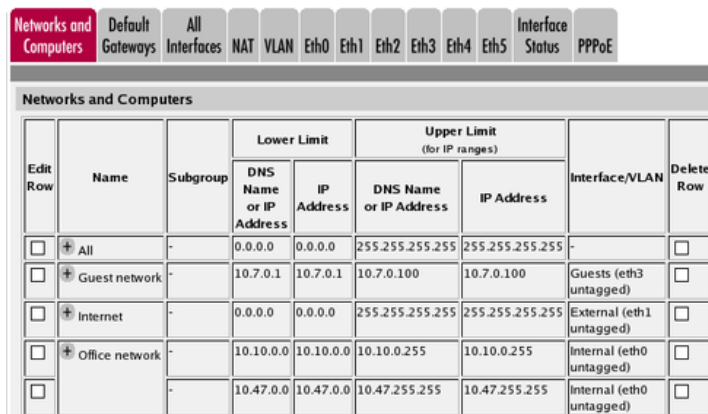
Document version: 1.1

PPTP client on the inside

Sometimes you have a few PPTP clients on the firewall inside, which should be allowed to access PPTP servers on the Internet. It could be that you have guests who want to access their office. Here, settings for this are shown.

Networks and Computers

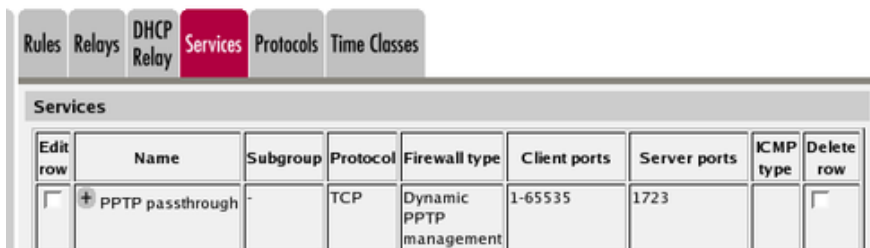
First, create a network for the inside computers on the **Networks and Computers** page under **Network** (see the "Guest network" in the screen shot below).



Edit Row	Name	Subgroup	Lower Limit		Upper Limit (for IP ranges)		Interface/VLAN	Delete Row
			DNS Name or IP Address	IP Address	DNS Name or IP Address	IP Address		
<input type="checkbox"/>	+ All	-	0.0.0.0	0.0.0.0	255.255.255.255	255.255.255.255	-	<input type="checkbox"/>
<input type="checkbox"/>	+ Guest network	-	10.7.0.1	10.7.0.1	10.7.0.100	10.7.0.100	Guests (eth3 untagged)	<input type="checkbox"/>
<input type="checkbox"/>	+ Internet	-	0.0.0.0	0.0.0.0	255.255.255.255	255.255.255.255	External (eth1 untagged)	<input type="checkbox"/>
<input type="checkbox"/>	+ Office network	-	10.10.0.0	10.10.0.0	10.10.0.255	10.10.0.255	Internal (eth0 untagged)	<input type="checkbox"/>
<input type="checkbox"/>			10.47.0.0	10.47.0.0	10.47.255.255	10.47.255.255	Internal (eth0 untagged)	<input type="checkbox"/>

Services

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



Edit row	Name	Subgroup	Protocol	Firewall type	Client ports	Server ports	ICMP type	Delete row
<input type="checkbox"/>	+ PPTP passthrough	-	TCP	Dynamic PPTP management	1-65535	1723		<input type="checkbox"/>

Rules

Go to the **Rules** page and create a rule to let the PPTP traffic through from the inside to the Internet. Use the newly created service. You don't need a rule for the return traffic - the service will automatically set up rules for this.

Make sure that this rule is placed before other rules that might allow traffic from the clients to the PPTP server, like a general rule which lets through all traffic from the inside. You might have to renumber the rule to move it higher up in the list.

Rules												
Edit Row	Rule No.	Active	Client	From IPsec Peer	Server	To IPsec Peer	Direction	Service	Action	Time Class	Log Class	Delete Row
<input type="checkbox"/>	1	Yes	Guest network	-	Internet	-	Guests -> External (NAT:ed)	PPTP passthrough	Allow	24/7	Local	<input type="checkbox"/>

Save/Load Configuration

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

Save/Load Configuration
Show Configuration
User Administration

Test Run and Apply Conf [\(Help\)](#)

Duration of limited test mode:

seconds

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.

Save/Load CLI Command File [\(Help\)](#)

The permanent configuration might be affected by loading a CLI file.

Save config to CLI file

Load CLI file

Local file:

Browse...