

Application Note

GRE forwarding for external PPTP Clients



External PPTP Clients are using an internal Windows server behind a Trust-Gate and therefore needs forwarding of the GRE protocol for authentication.

This document illustrates with a few screenshots the necessary NAT and Firewall rules.

Version: 1.0, 2011



Table of Contents

1.	TrustGate Setup	3
2.	Notices	4

1. TrustGate Setup

Server Address = 192.168.0.5

Public Address = 80.12.12.5

PPtP is using the GRE protocol for data and TCP destination port 1723 for authentication.

You will only have to configure the following Destination NAT and Forwarding firewall Rules:

Destination NAT											
Action	Protocol	Source Address and Port		Destination Address and Port		Translation Address and Port		Incoming Interface	Comment		
Translate	TCP			80.12.12.5	1723	pptp	192.168.0.5	1723	pptp	WAN	
Translate	GRE			80.12.12.5			192.168.0.5			WAN	

Add the following rule as the first firewall rule:

Forwarding Firewall Rules													
Disable	Pre	Action	Protocol	Source Address and Port/Type		Destination Address and Port		Source MAC Address	Incoming Interface	Outgoing Interface	Log	Comment	
<input type="checkbox"/>	<input type="checkbox"/>	Allow	TCP			192.168.0.5	1723	pptp		WAN	LAN	<input type="checkbox"/>	GRE initiation
<input type="checkbox"/>	<input type="checkbox"/>	Allow	GRE			192.168.0.5				WAN	LAN	<input type="checkbox"/>	GRE Data
<input type="checkbox"/>	<input type="checkbox"/>	Allow								LAN		<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	Allow								Tunnel		<input type="checkbox"/>	

NOTE: Firmware: 4072 or later is required.

2. Notices

Publication and copyright

© **Copyright Secomea A/S 2011**. All rights reserved. You may download and print a copy for your own use. As a high-level administrator, you may use whatever you like from contents of this document to create your own instructions for deploying our products. Otherwise, no part of this document may be copied or reproduced in any way, without the written consent of Secomea A/S. We would appreciate getting a copy of the material you produce in order to make our own material better and – if you give us permission – to inspire other users.

Trademarks

TrustGate™ is a trademark of Secomea A/S. Other trademarks are the property of their respective owners.

Disclaimer

Secomea A/S reserves the right to make changes to this publication and to the products described herein without notice. The publication of this document does not represent a commitment on the part of Secomea A/S. Considerable effort has been made to ensure that this publication is free of inaccuracies and omissions but we cannot guarantee that there are none.

The following paragraph does not apply to any country or state where such provisions are inconsistent with local law:

SECOMEA A/S PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE

SECOMEA A/S SHALL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, OR OTHER DAMAGE ALLEGED IN CONNECTION WITH THE FURNISHING OR USE OF THIS INFORMATION.