VPN Tracker for Mac OS X

How-to:

Interoperability with

PGPnet

Rev. 1.1

1. Introduction

This document describes how VPN Tracker can be used to establish a connection between a Macintosh running Mac OS X and VPN Tracker and a Macintosh running Mac OS 9.x and PGPnet.

PGPnet is part of the PGP Freeware package (http://www.pgpi.org). It allows host-to-host VPN connections only. Host-to-net and tunnel connections are not available in this software.

A pre-requisite in this How-to is a working IP connection between both sides, i.e. a ping from one Mac to the other should work smoothly.

2. Connecting a VPN Tracker host to a PGPnet host

In this example we use 10.0.0.1 as IP address for the Mac running VPN Tracker and 10.0.0.2 for the Mac running PGPnet under Mac OS 9. When connecting over the internet, you have to replace these addresses with the provider assigned IP addresses.

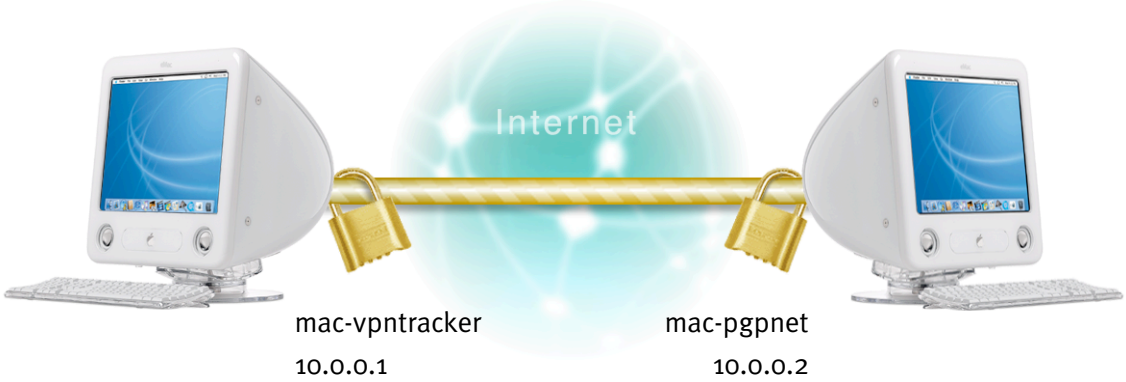

Figure 1: VPN Tracker – PGPnet connection diagram

3. PGPnet configuration

Be sure that you have created a valid keyring using the PGP Keys utility before starting.

Step 1

Open the PGPnet utility. When prompted for a configuration, choose the TCP/IP configuration you want to secure by highlighting the configuration and clicking the „Make Secure“ button on the bottom of the window. A lock appears on the side of the chosen configuration. Then click ok.

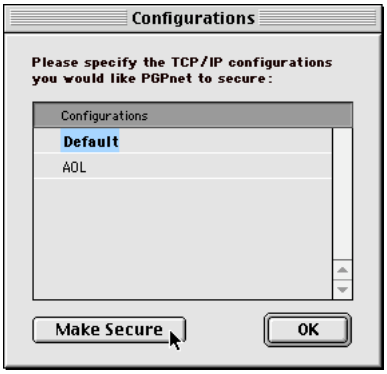

Figure 2: Choosing a TCP/IP connection to secure

Step 2

Switch to the VPN Tab in the main window and add a new connection with the following options

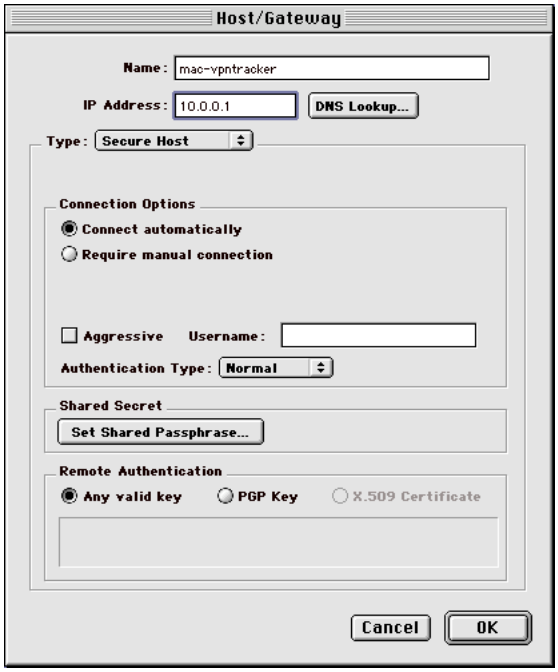

Figure 3: Add new Host/Gateway dialog

Step 3 Click the button „Set Shared Passphrase…“ and type in your shared secret key.

Step 4 Click „OK“ in the Host/Gateway dialog. Your main window should look like this:

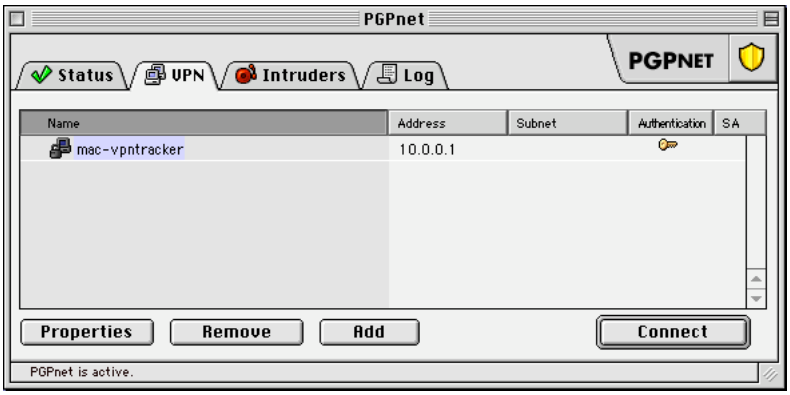

Figure 4: PGPnet main window

4. VPN Tracker configuration

Step 1 Add a new connection with the following options:

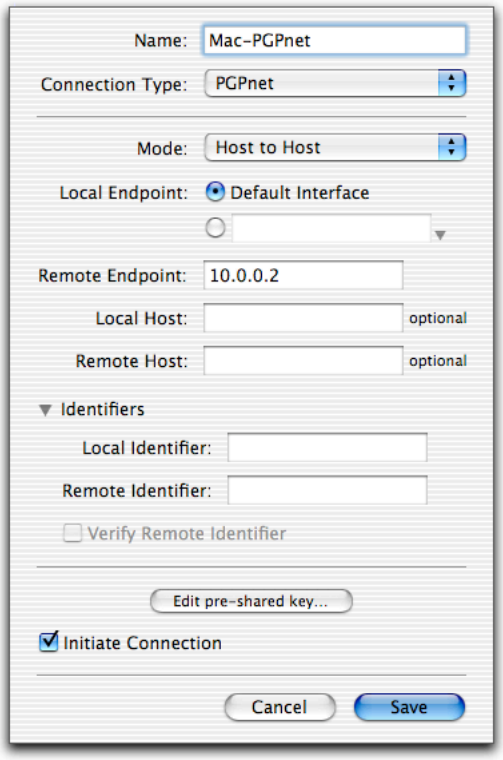

Figure 5: VPN Tracker connection dialog

Step 2 Click „Edit pre-shared key“ and type in the same pass phrase key that you typed in in PGPnet (Step 3).

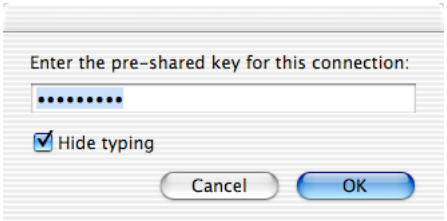

Figure 6: Shared key dialog

Step 3

Save the connection and click „Start IPSEC“ in the VPN Tracker main window.

You’re done. After 10-20 seconds the red status indicator for the connection should change to green and you’re securely connected to the PGPnet computer.

Connecting from the remote side

If you want to establish the connection from the PGPnet side to the VPN Tracker side, you have to uncheck „Initiate Connection“ in the VPN Tracker connection dialog. Click „Connect“ in PGPnet to establish the connection from the PGPnet side.

Troubleshooting

If the status indicator does not change to green please have a look in the log on both sides. The level of verbosity is configurable in the VPN Tracker preferences.