



VPN Tracker Server for Mac OS X



Quick Start Guide: VPN Tracker Server – VPN Tracker

Rev. 1.0

Copyright © 2002-2004 equinux USA Inc. All rights reserved.

1. Prerequisites

Please make sure, that you have the latest version of VPN Tracker and VPN Tracker Server. You can download VPN Tracker Server from

<http://www.vpntracker.com/download>

On the client side you need one VPN Tracker Personal or Professional Edition license for each Mac connecting to VPN Tracker Server. VPN Tracker is compatible with Mac OS X 10.2 or greater.




	Server		Clients
	 VPN Tracker Server	+	 VPN Tracker Personal Edition
			 VPN Tracker Professional Edition
connecting remote users to VPN Tracker Server			✓
connecting remote networks (branch offices) to VPN Tracker Server			✗
Medium Encryption (AES-128)			✓
High Encryption (AES-256)			✗
simultaneous VPN connections to multiple Servers/Gateways			✗
VPN connections to multiple networks on one server			✓
single license price starts at	US\$ 129.90	+	US\$ 89.90
			US\$ 199.90

Figure 1: VPN Tracker License Table

2. Connecting a VPN Tracker Client to VPN Tracker Server

In this example the Macs running VPN Tracker are directly connected to the Internet via a dialup or PPP connection.¹

The VPN Tracker Server is configured in NAT mode and has the static WAN IP address 169.1.2.3 and the private LAN IP address 192.168.1.1. The Stations in the LAN behind the VPN Tracker Server use 192.168.1.1 as their default gateway and should have a working internet connection.

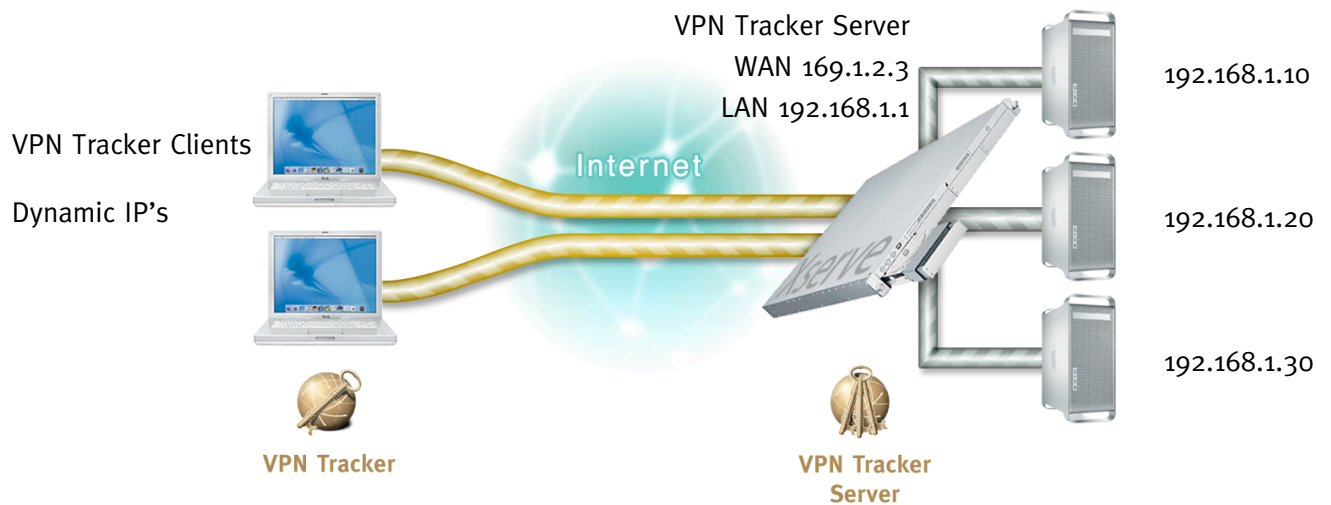


Figure 2: VPN Tracker Server – VPN Tracker connection diagram

¹ Please note that the connection via a router, which uses Network Address Translation (NAT), only works if the NAT router supports „IPSEC passthrough“. Please contact your router’s manufacturer for details.

2. Connecting a VPN Tracker Client to VPN Tracker Server

VPN Tracker Server configuration

Step 1

Please enter a unique “Remote Identifier” and password for each user you want to connect.

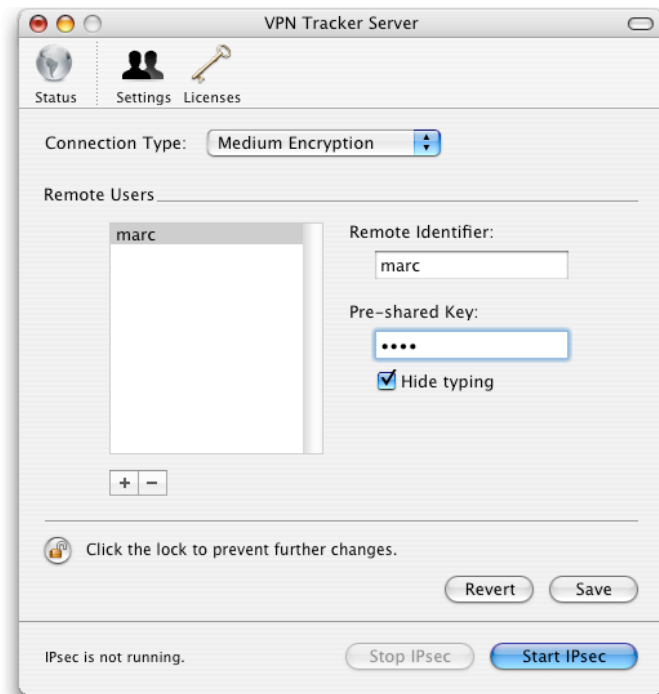


Figure 3: VPN Tracker Server - User Settings

Step 2

Go back to the Status screen and click on “Start IPsec”.

VPN Tracker Configuration

Step 1

Add a new connection with the following options: Choose „VPN Tracker Server Medium Encryption“ as the Connection Type, „Host to Network“ as Topology, then type in the remote endpoint (169.1.2.3) and the remote network (192.168.1.0/24).



The screenshot shows the 'VPN Tracker Connection Dialog' with the following settings:

- General**
 - Name: VPN Tracker Server
 - Connection Type: VPN Tracker Server Med... (dropdown)
 - Initiate connection
- Networking**
 - Topology: Host to Network (dropdown)
 - Local Endpoint: Default Interface
 - Remote Endpoint: 169.1.2.3
 - Local Host: [] optional
 - Remote Network: 192.168.1.0 / 24 (+)
- Authentication**
 - Pre-shared key (Edit...)
 - Certificates (Edit...)

At the bottom, there is a lock icon with the text 'Click the lock to prevent further changes.' and two buttons: 'Cancel' and 'Save'.

Figure 4: VPN Tracker – Connection Dialog

2. Connecting a VPN Tracker Client to VPN Tracker Server

Step 2

Select as “Authentication” method „Pre-shared key“ and click “Edit...”. Type in the same shared secret and “Local Identifier” that you typed-in in the VPN Tracker Server configuration (Figure 2).

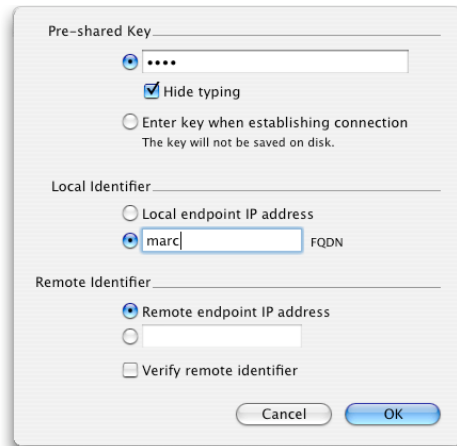


Figure 5: VPN Tracker - Authentication Dialog

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, which means you’re securely connected to the VPN Tracker Server. After IPsec has been started, you may quit VPN Tracker. The IPsec service will keep running.

Now to test your connection simply ping a host in the VPN Tracker Server network from the dialed-in Mac in the “Terminal” utility:

```
ping 192.168.1.10
```

❖ Debugging

If the status indicator does not change to green please have a look at the log file on both sides. You can define the amount of information available in the log file in the VPN Tracker preferences.