

e·quinux



VPN Configuration Guide

Parallels Remote Desktop for Mac

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Introduction

This document describes how VPN Tracker can be used to allow your Parallels Virtual Machine running on Mac OS X to establish a connection to a VPN router.

This guide assumes you already have a working VPN connection that you can use under Mac OS X. If you are having trouble setting up your VPN device to work with VPN Tracker, please refer to our how-to manuals for your device.

This paper is only a supplement to, not a replacement for, the instructions that have been included with your VPN device. Please be sure to read those instructions and understand them before starting.

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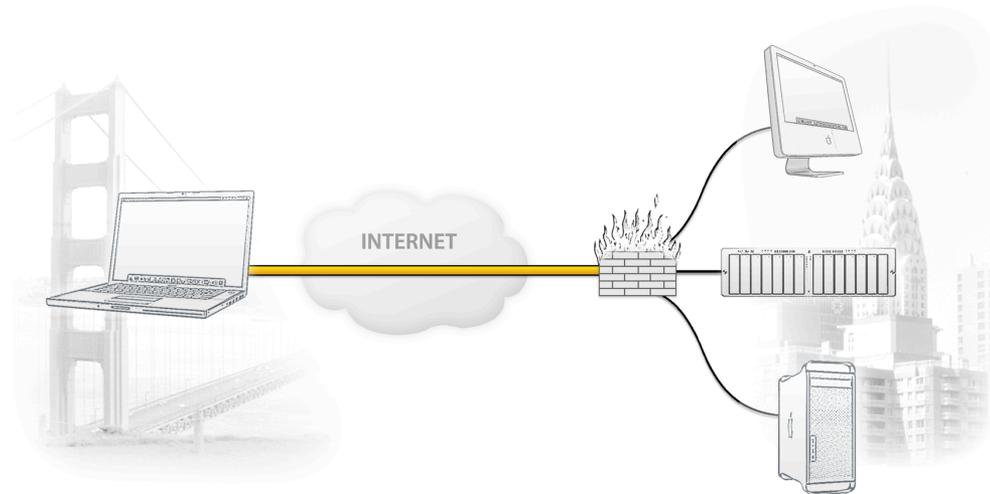
Prerequisites

First you have to make sure you have the latest version of Parallels Desktop for Mac installed. The latest release can be obtained from <http://www.parallels.com>.

It is also a good idea to make sure you have the latest version of VPN Tracker. The built-in update notifier will inform you of any releases, or you can manually download the latest version from <http://www.equinux.com/vpntracker>.

Scenario

In our example, we need to connect an employee's MacBook using Parallels Virtual Machine with Windows XP to an office in Boston. The following diagram illustrates this scenario:



The MacBook is directly connected to the Internet and has a public IP address, assigned by an ISP.

The office's VPN gateway is also connected to the Internet and can be accessed via an static IP address. The VPN gateway also has a second interface which is connected to the internal office network.

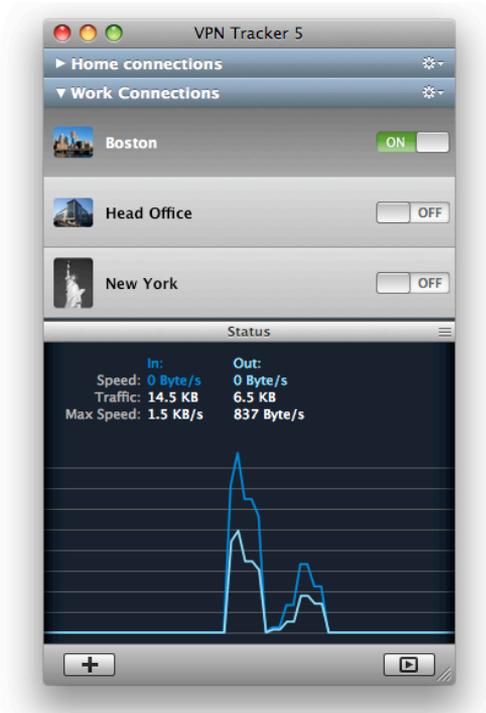
A VPN tunnel will be established between the public interfaces in San Francisco and Boston. Once the VPN tunnel is up, we will configure Parallels to share Mac OS X's internet connection and will then use Outlook to securely connect to our San Francisco branch network behind the VPN gateway. Please note that this connection via Parallels is just one possible scenario. The instructions also apply to connections from any other Windows application.

Task 1 – Start your VPN Tracker connection

This section describes starting your connection with VPN Tracker.

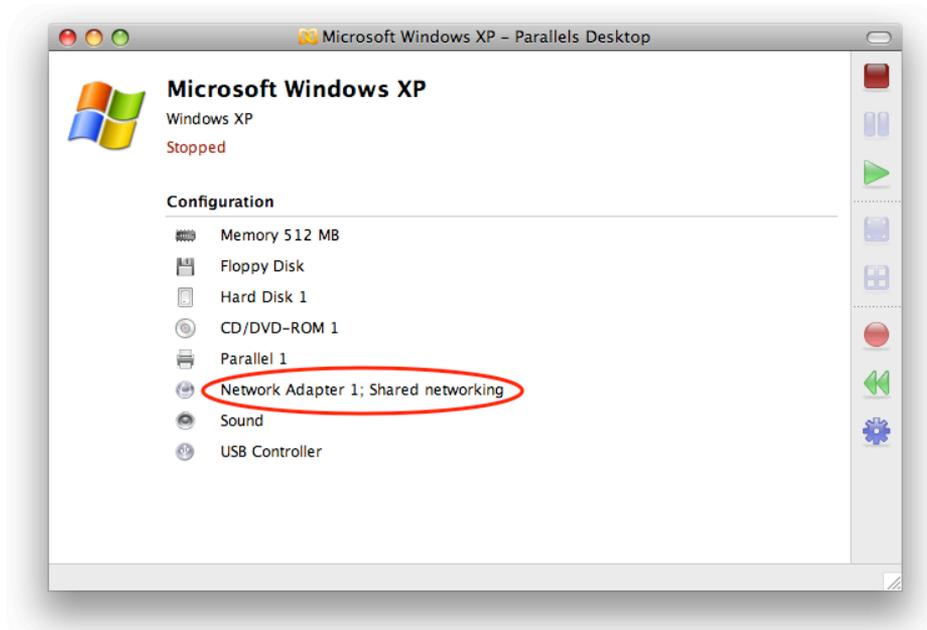
TIP If you have not yet set up your VPN connection, please refer to our other How-to guides for more information on how to configure VPN Tracker to work with your device.

Step 1 – Start your VPN connection

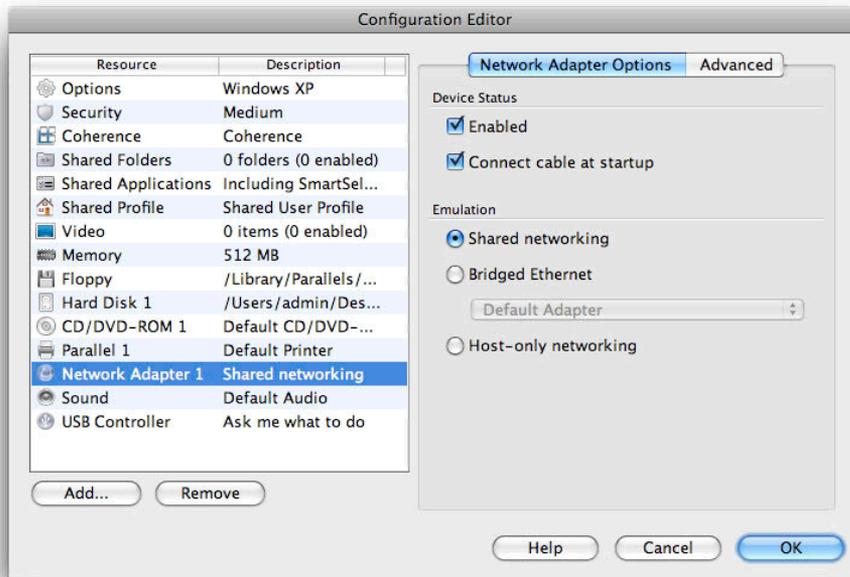


- ▶ Launch **VPN Tracker**
- ▶ Select your connection from the connection list
- ▶ Start the connection: Drag the slider next to your connection to the right to start your connection.
- ▶ The word **ON** should be visible and highlighted green once your connection has been established.

Step 2 – Configuring your Parallels Virtual Machine



- ▶ Launch Parallels Desktop for Mac
- ▶ Select your Windows Virtual Machine
- ▶ Select **Edit > Configure Virtual Machine** from the menu bar.
- ▶ Click on the entry **Network Adapter 1**



- ▶ Select **Network Adapter 1** from the Resource list
- ▶ Make sure that the checkbox for **Shared networking** is checked.
- ▶ Click **Ok**

Congratulations!



- ▶ Parallels is now set up to share your VPN Tracker connections with your Windows Virtual Machine.
- ▶ Now you that you can use your VPN connection to securely access your network services (e.g. your company intranet webpages, mail servers, network volumes, printers etc) from within your virtual Windows environment.
- ▶ Simply connect to your VPN's services and devices from within Windows as you normally would and Parallels will be able to access them via VPN Tracker's connection.

TIP Make using Windows applications on your Mac even more seamless by enabling Parallels' Coherence feature: Simply select **View > Coherence** from the menu bar or refer to the Parallels user guide for further details.