

ElkRP TechNote

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Installing Elk software on an Apple Mac running Parallels Desktop

This TechNote applies to installing ElkRP, ElkRM, and other software from Elk Products on an Apple Mac computer. Please read this TechNote in its entirety before proceeding. Elk Products cannot provide additional Technical Support for the installation beyond this TechNote. Elk cannot provide support for MAC OS, Parallels Desktop, or other applications not provided by us. Elk Technical Support is limited only to issues with the operation of Elk software unrelated to Apple Computer, Parallels, and their respective products.

Requirements

- Parallels Desktop 6.0
- Microsoft Windows XP, Vista, or Windows 7 or later.

Parallels Desktop can be downloaded from Parallels at <http://www.parallels.com>. The cost (based on the date when this TechNote was written) is \$79.99 US. Parallels supplies free telephone support for 30 days and their product seems to be easy to install.

Assumptions

- All MAC applications or programs referenced in this document are installed with standard settings.
- Elk's testing of these instructions was done using Windows 7 Enterprise (32 bit), but it is assumed Windows XP and Windows Vista will work as well, whether 32 or 64 bit. Even so, we recommend using only the "Professional" or "Business" versions of these OSes rather than the "Home" versions.
- These instructions were tested on an Apple MacBook Pro running MacOS X 10.6.4. Later versions of the OS are assumed to work.
- The version of Parallels Desktop used was 6.0.11822. Later versions are assumed to work.
- ElkRP version is 2.0.8 or later. ElkRM version is 2.0.8 or later.

Installation

1. Install Parallels Desktop per the instructions that come with it, choosing a default or typical install.
2. Install Windows under Parallels Desktop.
3. Perform all updates/upgrades to Windows as required.
4. Confirm or change the following two settings in Parallels Desktop:
 - a. Navigate to Virtual Machine -> Configure -> Options -> Advanced. Verify that "Optimize modifier keys for games" is checked. If not, check it.
 - b. Under the "Devices" tab, set Network 1 -> Default Adapter to "Bridged Network." This setting allows Windows to use the Mac's network adapter for network access.
5. Install the Elk software under Windows.

A Note Regarding Network Hardware

Our testing was done using "off the shelf" routers from local electronics, discount, or department stores. Opinions will obviously vary, but after evaluating routers from D-Link, Linksys/Cisco, and Netgear, we believe the Netgear brand to be easiest to install and configure. Even so, each of the mentioned routers worked well when tested with our software running under Parallels on a Mac.

Routers that presented a problem during our testing were the Apple family of routers. They performed as expected when connecting from the computer to the local network and to the Internet. But they were not at all reliable when connecting the Elk-M1XEP to the Internet because of their limited feature set. You may still use an Apple device in your network, but it should be behind another router and used as a wireless access point. The Elk-M1XEP should be connected directly to the primary router in this case.