

Description

m0n0wall is a complete embedded firewall software package that, when used together with an embedded PC, provides all the important features of commercial firewall boxes (including ease of use) at a fraction of the price (free software). m0n0wall is based on a bare-bones version of FreeBSD, along with a web server (thttpd), PHP and a few other utilities. The entire system configuration is stored in one single XML text file to keep things transparent.

m0n0wall is probably the first UNIX system that has its boot-time configuration done with PHP, rather than the usual shell scripts, and that has the entire system configuration stored in XML format.

An accurate description of all features can be found here:

<http://m0n0.ch/wall/features.php>

This virtual appliance is an installed version of m0n0wall but with added **VMXNet** support, **VMMemControl** and the **Vmware Guestdaemon** for remote control. It's configured as a firewall with three network cards; first on the LAN, second on the WAN and a third as a DMZ (see picture below). Only the first two are connected to a physical interface and only the NIC1 on the host needs an IP-address! Your host has to be configured to have a vmnet0 (Bridged, connected to NIC1), a vmnet2 (Bridged to NIC2) and a vmnet3.

Once the appliance is started, you can connect to <http://192.168.2.254> and logon with user 'admin' with password 'mono'. Then goto General Setup and change hostname, domain and timezone and klik 'save'. Then go to Traffic Shaper, klik the Magic Shaper Wizard tab and fill in your up- and downstream speeds. Click Install/Update and you're set.

