


m0n0wall

	
Company / developer	Manuel Kasper
OS family	FreeBSD (6.2-RELEASE)
Working state	Current
Source model	Free software
Latest stable release	1.32 / April 17, 2010
Kernel type	Monolithic kernel
License	BSD
Official website	http://m0n0.ch/wall/

m0n0wall is an embedded firewall distribution of FreeBSD, one of the BSD operating system descendants. It provides a small image which can be put on Compact Flash cards as well as on CDRoms and hard disks. It runs on a number of embedded platforms and generic PCs. The PC version can be run with just a Live CD and a floppy disk to store configuration data, or on a single Compact Flash card (with an IDE adapter). This eliminates the need for a hard drive, which reduces noise and heat levels.

Features

m0n0wall provides for a web-based configuration and uses PHP exclusively for the GUI and bootup configuration. Additionally, it adopts a single XML file for configuration parameters.

Some functions of m0n0wall are:

- Stateful packet filter firewall
 - IPsec and PPTP VPNs
 - Inbound and Outbound Network Address Translation
 - Captive portal
 - Traffic shaper
 - Inbound and Outbound port filtering
 - Support for 802.1q compatible VLANs
 - Multiple IP addresses on LAN and WAN ports
 - IPS
 - Replacement for commercial router
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Inclusion in Commercial Products

m0n0wall is used in some commercial hardware platforms, including Netgate^[1] and Logic Supply^[2].

Derivatives

- m0n0wall mod^[3]: Original m0n0wall with additional features (DHCP+PPTP, DHCP+PPPoE, static+PPPoE, L2TP for WAN interface, separated WAN eth interface).
- pfSense: Builds off of m0n0wall but focused towards full PC installations rather than the embedded hardware focus of m0n0wall.
- FreeNAS: Network-attached storage distro using FreeBSD 7.2 and the m0n0wall web GUI.
- AskoziaPBX: an embedded telephone system

See also

- Untangle - Open Source Platform that runs 12 apps like firewall, spam blocker, virus blocker, webfilter & more
- Ipcop - Open Source Firewall

External links

- m0n0wall^[4]
- m0n0wall Mailing List^[5]
- M0n0wall central management interface project^[6]
- Review^[7] at Linux.com
- m0n0wall mod^[3]

References

- [1] http://www.netgate.com/product_info.php?products_id=312
 - [2] <http://www.logicsupply.com/index.php>
 - [3] <http://code.google.com/p/m0n0wall-mod/>
 - [4] <http://m0n0.ch/wall/>
 - [5] <http://m0n0.ch/wall/list/>
 - [6] <http://m0n0wall-cmi.sourceforge.net/>
 - [7] <http://www.linux.com/articles/43495>
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Article Sources and Contributors

m0n0wall *Source:* <http://en.wikipedia.org/w/index.php?oldid=375907788> *Contributors:* Aydiosmio, BonzoESC, CDN99, Cyraan, Dbenbenn, DevastatorIIC, DuoDeathscyther 02, EagleOne, Eequor, EmanWilm, Emj, Evercat, Feezo, Fernvale, FlashSheridan, Flydpnktrn, Gadago, Greenrd, Gwern, Informedbanker, JidGom, Jpfagerback, Jrenier, MMuzammils, Miami33139, Michael iedema, Nepenthes, Petri Krohn, R-alex-g, RedWolf, Ryan-a-g, SF007, SPUI, Sietse Snel, Suwatest, TheParanoidOne, Thumperward, TreyHarris, V.petcu, Whollabilla, Wizzy, Zak.I, 28 anonymous edits

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