

<p>Install, update, packages, management</p>	<ul style="list-style-type: none"> <li>• Live CD, update, NanoBSD/embedded, virtual machine, and USB installers available</li> <li>• Packaged support/push-button installer for extensions, including the Squid proxy server, the Snort intrusion prevention/detection system, ntop, the HAVP antivirus package, IP address blacklist'</li> <li>• Multi-language</li> <li>• Console, web-based GUI, SSH (if enabled) and serial management</li> <li>• RRD graphs reporting</li> <li>• Traffic shaping and filtering</li> <li>• Real-time information using Ajax</li> </ul>
<p>Functionality and connectivity</p>	<ul style="list-style-type: none"> <li>• Virtual Private Networks using IPsec, L2TP, OpenVPN, or PPTP</li> <li>• PPPoE server</li> <li>• High availability clustering; redundancy and failover including CARP and pfsync</li> <li>• Outbound and inbound load balancing</li> <li>• Quality of Service (QoS)</li> <li>• Dynamic DNS</li> <li>• Captive portal</li> <li>• uPnP</li> <li>• Multi-WAN</li> <li>• VLAN (802.1q)</li> <li>• DHCP server and relay</li> <li>• IPv6 support</li> <li>• Multiple public IP addresses/multi-NAT</li> <li>• RADIUS/LDAP</li> <li>• Multiple resolvers (DNS forwarder, Unbound, TinyDNS, other)</li> <li>• Aliases supported for rules, IP addresses, ports, computers, and other entities</li> </ul>
<p>Firewall and routing</p>	<ul style="list-style-type: none"> <li>• Stateful firewall</li> <li>• Network Address Translation</li> <li>• Filtering by source/destination IP address, protocol, OS/network fingerprinting</li> <li>• Flexible routing</li> <li>• Per-rule configurable logging and per-rule limiters (IP addresses, connections, states, new connections, state types), Layer 7 protocol inspection, policy filtering (or packet marking), TCP flag state filtering, scheduling, gateway</li> <li>• Packet scrubbing</li> <li>• Layer 2/bridging capable</li> <li>• State table "up to several hundred thousand" states (1 KB RAM per state approx.)</li> </ul>

	<ul style="list-style-type: none"><li>• State table algorithms customizable including low latency and low-dropout</li></ul>
Packages support	<ul style="list-style-type: none"><li>• Packages available as "push button installs" among others:</li><li>• Snort Intrusion detection and prevention</li><li>• Suricata Intrusion detection and prevention</li><li>• pfBlockerNG</li><li>• OpenBGPD</li><li>• MailScanner</li><li>• HAProxy</li><li>• Asterisk</li><li>• Squid caching and reverse proxy with SquidGuard</li><li>• HAVP antivirus with ClamWin</li><li>• Varnish3</li><li>• Postfix forwarder</li><li>• Apache HTTP Server with mod-security</li><li>• FreeSWITCH (Voice over IP)</li><li>• spamd</li><li>• ntopNG</li><li>• nmap</li><li>• multiple monitoring and statistics packages, file managers.</li></ul>