Lanka Education and Research Network



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Dilum Samarasinhe (LEARN)





- Introduction
- Requirements
- Applications
- Features
- Packages





- Open-source distribution for firewalls and routers
- Free-BSD based
- Started in 2004 based on m0n0wall
- Powerful and flexible firewalling and routing platform
- Latest release is version 2.3 released in 2016/10





- 100Mhz Pentium CPU,
- 128MB RAM,
- 1GB Hard driver
- Latest Versions require the x86-64 architecture





- Firewall
- Router
- Captive portal
- VPN Appliance
- VOIP Appliance
- Packet Sniffer





- Firewall & Routing
 - Stateful firewall
 - Network Address Translation
 - Filtering by source/destination IP address, protocol, OS/network fingerprinting
- Functionality and connectivity
 - VLAN (802.1q)
 - DHCP server and relay
 - IPv6 support





- Management
 - RRD graphs reporting
 - Traffic shaping and filtering
 - Real-time information using Ajax
- Other In-Built features
 - VPN
 - Dynamic DNS
 - Radius/LDAP
 - Captive Portal
- Package Support



- Snort
- OpenBGPD
- Squid
- NtopNG
- Nagios
- NMAP
- Iperf
- Asterisk



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Thank You

Dilum Samarasinghe/LEARN

Email: dilum@learn.ac.lk

