



Turn any PC into a Unified Threat Management Appliance

Endian Firewall Software Appliance offers the same technology that resides in the unified threat management (UTM) appliances by Endian, making it possible to turn any PC into a full featured security appliance. Unleash the power of Endian Firewall using your preferred Hardware to enable comprehensive security for your whole network infrastructure. Integrated security services such as stateful inspection firewall, VPN, gateway anti-virus, anti-spam, web security, and email content filtering offer granular protection in a single system, reducing management time and costs. Endian designed the Software Appliance to meet the needs of every business from small to large, providing maximum protection for your entire network.

The infographic features a large green arrow pointing downwards from a central point, with various security features listed in boxes around it. At the bottom of the arrow is a server rack labeled "Your Hardware".

Network Security: Stateful Inspection Firewall and Advanced Networking features to protect your network

Load Balancing: Maximize scalability by sharing Network Load between multiple Appliances and Internet Connections

Web Security: Strong Authentication, Anti-virus and Content Filtering for secure internet access

Hotspot: Enable secure internet access in public areas for wireless and wired networks

High Availability: Keep your Network Up and Running even after an Internet Connection or Hardware failure

VPN: Secure communication with branch/remote offices and teleworkers. Work anywhere, anytime

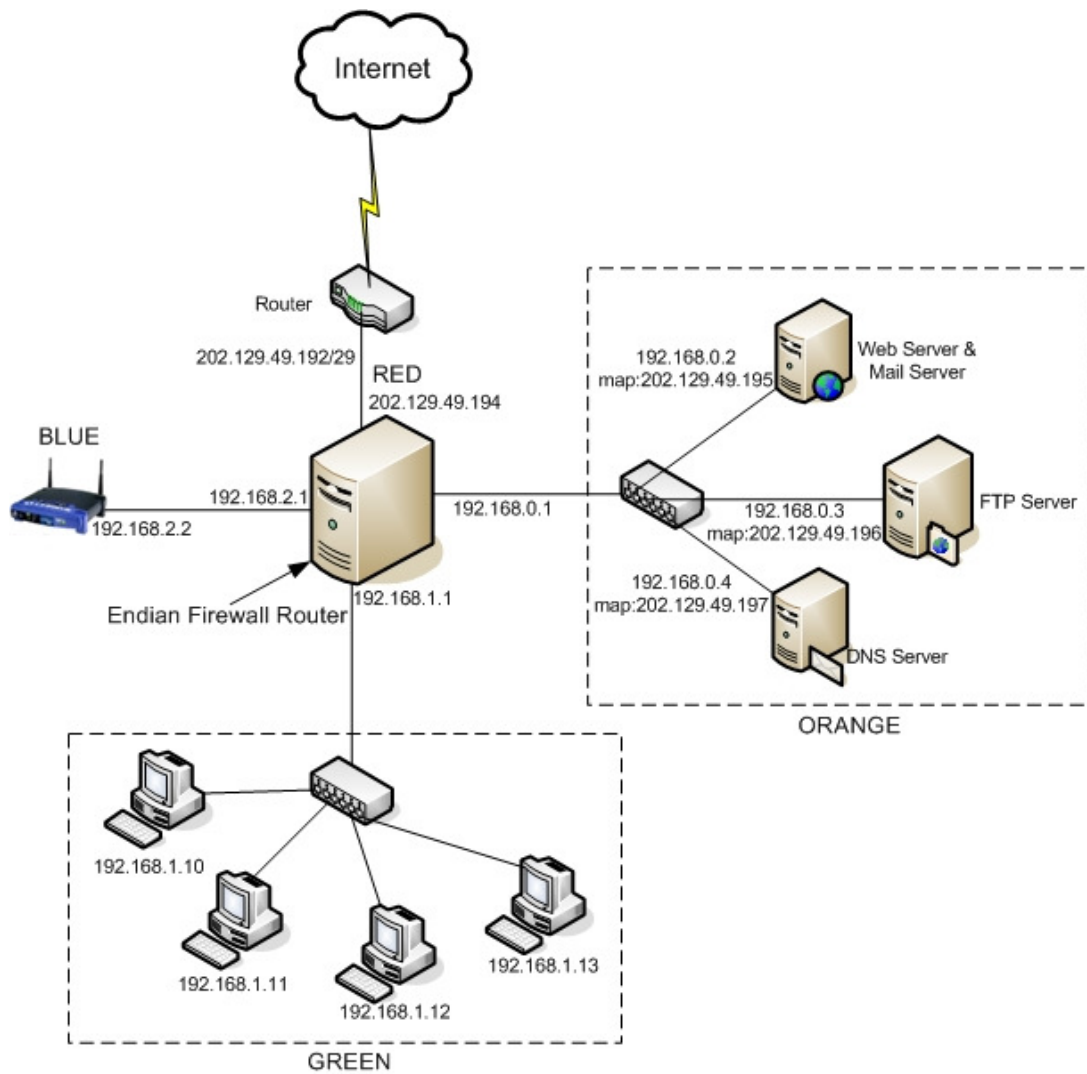
Mail Security: Gateway Anti-Spam, Anti-virus to protect your day-to-day E-Mail Communication

Endian Network: Centralize the Configuration and Update Management of multiple Appliances

Highlights

- Comprehensive unified threat management to protect your network and optimize traffic flows
- Works with the hardware of your choice and turns it into a full featured security appliance
- Easy configuration and management of advanced security services
- Mail and web protection with multi-layered application level filters
- Always up-to-date with latest anti-spam, anti-spyware, anti-virus and content filtering services
- Centralized management and provisioning through Endian Network
- Instant Recovery to minimize downtime in case of a failure

FLOWCHART FOR ENDIAN FIREWALL





Features

Network Security

- Stateful Packet Firewall
- Demilitarized Zone (DMZ)
- Intrusion Detection
- Multiple Public IPs
- Traffic Shaping
- VoIP/SIP support
- Portscan Detection
- DoS and DDoS Protection
- SYN/ICMP Flood Protection
- Anti-Spoofing Protection

Web Security

- HTTP & FTP proxies
- Anti-virus (100.000+ patterns)
- Transparent Proxy support
- Content Analysis/Filtering
- URL Blacklist
- Authentication: Local, RADIUS, LDAP, Active Directory
- NTLM Single Sign-On
- Group Based Access Control

Mail Security

- SMTP & POP3 proxies
- Anti-spam with Bayes, Pattern, SPF, Heuristics, Black- and White-lists support
- Anti-virus (100.000+ patterns)
- Transparent Proxy support
- Spam Auto-Learning
- Transparent Mail Forwarding (BCC)
- Greylisting

VPN

- True SSL/TLS VPN (OpenVPN)
- IPSEC
- Encryption; DES, 3DES, AES 128-, 192-, 256-bit
- Authentication: Pre-Shared Key, X.509, Certification Authority, Local
- PPTP Passthrough
- Native VPN Client for MS Windows, MacOSX and Linux

Hotspot

- Captive Portal
- Wired/Wireless support
- Pre-/Post-paid and free Tickets
- Integrated RADIUS service
- Connection Logging
- No additional software/hardware required

Management

- Easy Web-based Administration (SSL)
- Secure Remote SSH/SCP Access
- Serial Console
- Centralized Management through Endian Network (SSL)

High Availability

- Multi-Node Appliance Cluster
- Hot Standby (active/passive)
- Load Balancing (active/active)
- Node Data/Configuration Synchronization

WAN Failover

- Automatic WAN Uplink Failover
- Monitoring of WAN Uplinks
- VPN Failover

Network Address Translation

- Static NAT (Port Translation)
- One-to-One NAT
- IPsec NAT Traversal

Routing

- Static Routes
- Source Based Routing
- Destination Based Routing

Logging/Reporting

- Live Log Viewer (AJAX based)
- Detailed User Based Web Access Report
- Network/System/Performance Statistics
- Syslog: Local or Remote

Updates and Backup

- Centralized Updates through Endian Network
- Anti-virus Definitions
- URL Blacklist Definitions
- Scheduled Automatic Backup
- Encrypted Backups via E-mail
- Instant Recovery/Backup to USB-Stick

System Requirements/Hardware Support

CPU	Intel x86 compatible (500MHz minimum, 1GHz recommended), including VIA, AMD Athlon, Athlon 64, Opteron, Intel Core 2 Duo, Xeon, Pentium and Celeron processors	Hardware RAID	SCSI and SAS RAID systems and controllers are supported
Multi-Processor	Symmetric Multi-Processor (SMP) support included	CDROM	An IDE, SCSI or USB CDROM drive is required for installation (not required after installation)
RAM	256MB minimum (512MB recommended)	Network Cards	Most common Network Interface Cards are supported including Gigabit and fiber NICs
Disk	SCSI, SATA, SAS or IDE disk is required (4GB minimum)	Monitor/Keyboard	Only required for the installation but not for configuration and use
Software RAID	For software RAID1 (mirroring) two disks of the same type (the capacity must not be the same) are required	Operating System	Endian Firewall includes a Hardened Linux Based Operating System