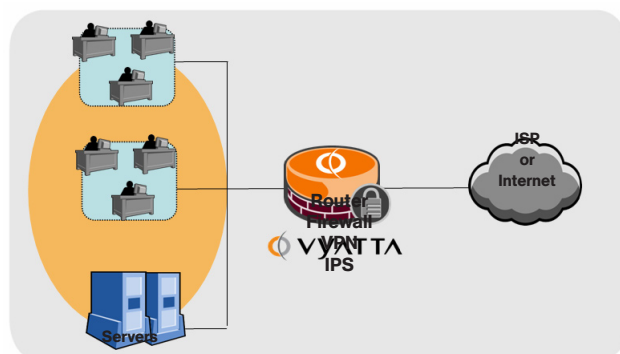




Application Brief: Small Enterprise/ Branch Secure Routing

Vyatta for Small to Medium Enterprise Secure Routing

Vyatta is an ideal solution for connecting and securing small to medium enterprise and branch offices to the Internet or private networks. With integrated routing, firewall, VPN, intrusion prevention and more, Vyatta can easily be used as a component of a world-wide network and at the same time provide unmatched data security to ensure your corporate data stays private. Vyatta software subscriptions and hardware appliances can deliver the advanced routing and security functionality your network requires at a fraction of the cost of proprietary networking equipment.



Base Platform			
	Vyatta 600 Appliance	Cisco 1921 ISR	Cisco ASA 5510
Base Platform	\$997	\$1,149	\$2,310
Technical Support	included	\$109	\$409
Total Base Unit	\$997	\$1,258	\$3,158 <i>68% Vyatta Savings</i>

Features			
	Vyatta 600 Appliance	Cisco 1921 ISR	Cisco ASA 5510
Advanced Routing + QoS	included	included	included (No BGP)
VPN, Firewall, Intrusion Prevention	included	\$895	included
URL Filtering, Content Filtering	included	*part of VPN/FW package	\$987
Total Base + Routing + Security	\$997	\$2,153	\$4,145 <i>76% Vyatta Savings</i>

Performance			
	Vyatta 600 Appliance	Cisco 1921 ISR	Cisco ASA 5510
Base Memory (MB)	512	128	256 <i>4x Vyatta Advantage</i>
Max Memory (MB)	1024	384	512 <i>2-3x Vyatta Advantage</i>
Max Forwarding (pps)	250,000	290,000	85000
VPN Performance (Mbps @ 1400-bytes)	115	149	100
Max VPN Tunnels	1000	150	250 <i>6x Vyatta Advantage</i>

The Vyatta Advantage:

- >> Complete advanced routing and security feature set
- >> No software or feature limitations
- >> Familiar configuration - command line or web GUI
- >> Faster VPN performance, 6x tunnel count
- >> Greater memory capacity for increased performance and scalability
- >> Leverage affordable and available x86 components for upgrades
- >> Up to 85% cost savings over Cisco ISR 1921 and ASA 5510

Small to Medium Enterprise Features

Security	<ul style="list-style-type: none"> » Stateful inspection firewall » SSL-based OpenVPN » Site to Site VPN (IPSec) » Remote VPN (PPTP, L2TP, IPSec) » DES, 3DES, AES Encryption » Intrusion Prevention » URL Filtering
Performance Optimization	<ul style="list-style-type: none"> » WAN Link Load Balancing » Priority Queuing (QoS) » Ethernet Link Bonding » Classful Queuing (QoS) » MLPPP » Bandwidth Management » ECMP » Web Caching

Sources:

<http://www.cisco.com/web/partners/downloads/765/tools/quickreference/routerperformance.pdf>
http://www.cisco.com/en/US/prod/collateral/routers/ps5853/data_sheet_vpn_aim_for_18128003800routers.html
<http://www.cdw.com> - Cisco pricing