

Product Highlights

- » Performance Optimized VMs
- » vRouter™ - BGP, RIP, OSPF
- » vFirewall™
- » Secure Cloud Bridging
- » IPSec & SSL-based OpenVPN
- » Intrusion Prevention
- » XenServer, VMware, KVM Ready

Vyatta takes the concept of virtualization beyond just applications and operating systems and allows users who are employing virtualization technologies to also virtualize the network. Vyatta embraced the shift to virtualization as a network delivery platform with its first network virtual machine back in 2006. As the trend evolved, Vyatta has been at the leading edge of delivering networking to virtualization enabled appliances and architectures such as:

- » **Edge Consolidation:** Special-purpose devices are giving way to best-of-breed, multi-function, integrated solutions enabled by virtualization platforms.
- » **Data center virtualization:** Infrastructure consolidation requires security and traffic management with the same visibility and protection as physical networks
- » **Cloud Computing:** Moving infrastructure, workloads and applications to and from the cloud requires flexible networking and security.

Vyatta Subscription Edition network virtualization software tightly integrates enterprise-class routing, security and traffic management technologies into virtual machines that are optimized for the highest possible throughput and security in VMware, Citrix XenServer, Xen and KVM virtual and cloud computing environments.

Vyatta's Subscription Edition network operating system is optimized to run in virtual environments to manage traffic and enforce policies in the same way that a physical router, firewall, VPN or intrusion prevention device does in a traditional infrastructure. Where popular hypervisors include only a simple layer 2 vSwitch, Vyatta completes the network virtualization picture with vFirewall™ and vRouter™ functionality in our Vyatta network virtualization solution.



Vyatta Software Version 6.1

IPv4 / IPv6 Routing	» BGPv4, BGPv6 » OSPFv2, OSPFv3*	» RIPv2 » Static Routes	» IPv6 Policy » IPv6 SLAAC
IP Address Management	» Static » DHCP Server » DHCP Client	» DHCP Relay » Dynamic DNS » DNS Forwarding	» DHCPv6 Server » DHCPv6 Client » DHCPv6 Relay
Encapsulations	» Ethernet » 802.1Q VLANs » PPP	» PPPoE » IP in IP » Frame Relay	» MLPPP » HDLC » GRE
Firewall	» Stateful Inspection Firewall » Zone-based Firewall » P2P Filtering	» IPv6 Firewalling » Time-based Firewall Rules » Rate Limiting	» ICMP Type Filtering » Stateful Failover
Tunneling / VPN	» SSL-based OpenVPN » Site to Site VPN (IPSec) » Remote VPN (PPTP, L2TP, IPSec)	» OpenVPN Client Auto-Configuration » Layer 2 Bridging over GRE » Layer 2 Bridging over OpenVPN	
Additional Security	» Network Address Translation » Sourcefire VRT Intrusion Prevention » VyattaGuard Web Filtering	» DES, 3DES, AES Encryption » MD5 and SHA-1 Authentication » RSA, Diffie Helman Key Mgmt	» NAT Traversal » Role based access control
WAN / LAN Device Drivers	» WAN Device Drivers - ADSL, T1, T3 » Intel 10/100Mbps - 10Gbps	» IEEE 802.11 wireless » Drivers in 2.6.31 Linux Kernel	» Synchronous Serial - V.35, X.21, RS-422, EIA530
Performance Optimization	» WAN Link Load Balancing » Ethernet Link Bonding » Web Caching	» MLPPP » ECMP » Bandwidth Management	
QoS Policies	» Priority Queuing » Network Emulator » Round Robin	» Random / Weighted Random » Classful Queuing » Ethernet Header Matching	» VLAN Tag » IPv6 Address » Port Mirroring
High Availability	» Stateful Firewall / NAT Failover » VRRP » HA Clustering	» Configuration Replication » RAID 1	» IPSec VPN Clustering » Protocol Fault Isolation
Administration & Authentication	» Integrated CLI » Web GUI » Vyatta Remote Access API	» Telnet » SSHv2 / SSH Public Key » Binary Image Install	» RADIUS » TACACS+* » Single Configuration File
Diagnostics & Logging	» tcpdump » Wireshark Packet Capture » BGP MD5 Support	» Serial Loopback Commands » Netflow / sFlow » LLDP	» Syslog » SNMPv2c » SNMP for IPv6

Subscription Packages

PROFESSIONAL:

- » Vyatta Software
- » Citrix XenServer, KVM and VMware support
- » Web-based Ticketing
- » Case SLA - Next Business Day
- » Customer Hot Fixes
- » Online Manuals
- » Knowledge Base Access

ENTERPRISE:

- Professional Features Plus
- » 5 X 12 Phone Support
 - » Case SLA - Severity Based
 - » Vyatta University Training

PREMIUM:

- Enterprise Features Plus
- » 7 X 24 Emergency Phone
 - » Case SLA - Priority Response

Vyatta Subscription Edition for Network Virtualization

Available as pre-packaged virtual machines optimized for VMware, Xen, XenServer and KVM, Vyatta's enterprise and cloud ready Subscription Edition software is available with your choice of service level and response time to meet your budget goals and business needs.

Vyatta Subscription Edition builds on the functionality of the open source Vyatta Core with additional enterprise-ready product extensions. Subscription customers are entitled to access to the Vyatta technical support team (up to 24x7), receive proactive notifications of security alerts and software releases and priority access to patches & bug fixes. An introductory set of online training courses and access to the Vyatta Knowledge base containing hundreds of technical articles are also included.

Subscription Plan Details			
Service Description	Professional Subscription	Enterprise Subscription	Premium Subscription
DOCUMENTATION AND TRAINING			
Expert Documentation	Included	Included	Included
Extensive Knowledge base	Included	Included	Included
Vyatta University Training	N/A	Included (4 Courses)	Included (4 Courses)
SOFTWARE UPDATES & MAINTENANCE			
Open Source Code	Always	Always	Always
Subscription Only Features	Yes	Yes	Yes
Vyatta PLUS Features	Available	Available	Available
Compiled Binaries for	All Code Releases	All Code Releases	All Code Releases
- Bug Fixes	Yes	Yes	Yes
- Patches	Yes	Yes	Yes
- Enhancements	Yes	Yes	Yes
- Security Alerts	Yes	Yes	Yes
Upgrade & Patch Releases	All	All	All
VYATTA TAC SUPPORT			
Normal Phone Hours	NONE - Online Only	5x12, 6a-6p PST excluding Vyatta holidays	5x12, 6a-6p PST 7x24 Emergency
Authorized Callers	N/A	2 per site	Unlimited
Web-based Ticketing	Included	Included	Included
Case SLA	Next Business Day	Severity-based	Priority

MONTHLY VOLUME PRICING - Vyatta Network Virtualization Software is also available in a convenient monthly volume pricing model for service providers. [See Vyatta VSPL Program »](#)

Additional Vyatta Services			
Quick Start Configuration	Professional Consulting	Upgrade Services	Self-Paced Online Training
Simplify Initial Installation	Complete Planning & Design	Remotely Manage Upgrades	Basic & Advanced Topics
Manage Moves/Add/Changes	Custom Training	Software Maintenance	Educate yourself & your team
Starting at \$497 per unit	Starting at \$220 per hr	Starting at \$297 per unit	Starting at \$49 per

About Vyatta

Vyatta is disrupting the networking industry by delivering a software-based, open-source, network operating system that is portable to standard x86 hardware as well as common virtualization and cloud computing platforms. Vyatta software provides a complete enterprise-class routing and security feature set capable of scaling from DSL to 20Gbps performance at a fraction of the cost of proprietary solutions. Thousands of physical and virtual infrastructures around the world, from small enterprise to Fortune 500 customers, are connected and protected by Vyatta.

