



Barracuda NG Firewall Vx

Next Generation Security Protection

Cost Savings and Power Make this the Right Choice

More than a firewall, the Barracuda NG Firewall Vx delivers the power of a network security gateway. This virtual solution replaces several essential network security and networking infrastructure components — cutting costs while streamlining architecture and management. By combining advanced perimeter and application security with advanced LAN and WAN management tools, the Barracuda NG Firewall Vx provides a simplified, unified framework for managing total connectivity and security. Integrated with LDAP and Active Directory, the Barracuda NG Firewall lets administrators create granular user-based policies across security, application and connectivity services with unrivaled ease and power.

Security

Integrating application and user awareness with an advanced network firewall, the Barracuda NG Firewall Vx protects network layers 2 - 7. Deep packet inspection and behavioral analysis accurately detect threats and activity from over 800 applications and protocols. It also provides IPS, antivirus, antispam, NAC, DoS protection and web filtering for layered protection.

Connectivity

The Barracuda NG Firewall Vx intelligently manages network links while also providing site-to-site VPNs and an SSL VPN for secure remote access. Its built in WAN optimization and uplink optimization capabilities prioritize important traffic while substantially reducing line cost.

Management

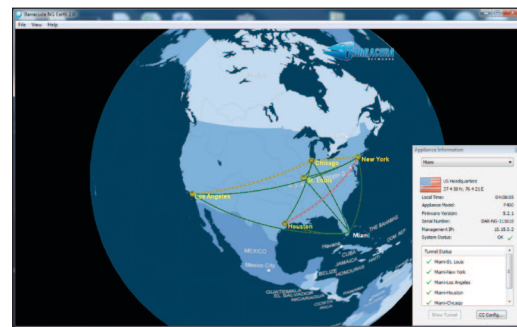
The Barracuda NG Control Center delivers instant information on system and security activity while keeping security and networking features quickly accessible. At a higher level, the Barracuda NG Control Center extends consistent policies and visibility of Barracuda NG Firewall Vx's across the enterprise. With the NG Earth and the graphic tunnel editor GUIs, managing connectivity has never been more straightforward.

Easy to Use

Easy to remotely download and install in hosts around the world, Barracuda NG Firewall Vx is fast and easy to deploy. The intuitive UI puts system information and powerful tools for LAN and WAN management as well as security at administrators' fingertips. Energize Updates automatically keep security subscriptions like IPS and web filter up to date.

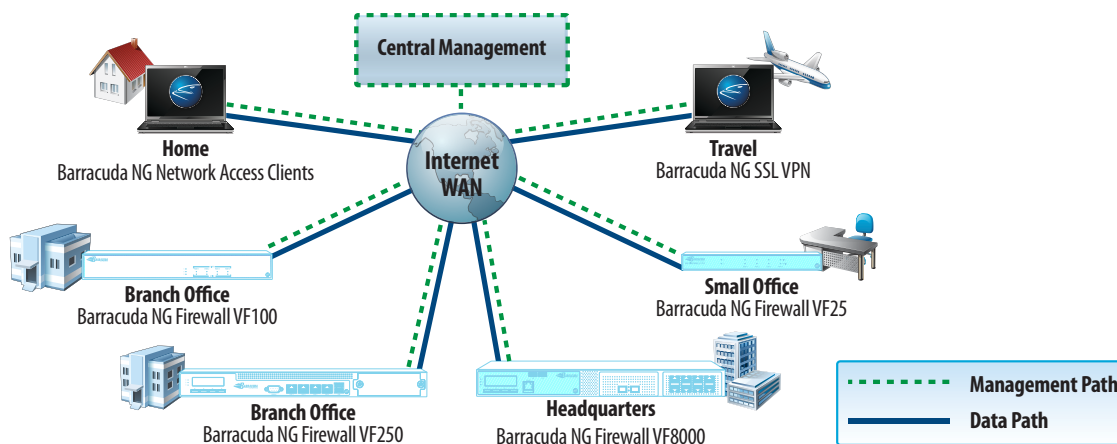
Affordable

The Barracuda NG Firewall Vx cuts costs several ways: It replaces several infrastructure components with one virtual appliance. Easy to manage, it keeps admin costs low. It lowers bandwidth costs by limiting bandwidth intense applications while using link aggregation with traffic shaping to further reduces bandwidth costs.



The Barracuda NG Firewall Control Center provides centralized, real-time monitoring of all the firewalls across the enterprise.

Typical Deployment



BARRACUDA NG FIREWALL Vx

EDITION
VF25
VF50
VF100
VF250
VF500
VF1000
VF2000
VF4000
VF8000



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EDITION

VF25

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Supported Hypervisors

Barracuda NG Firewall Vx and Barracuda NG Control Center Vx editions are available as easy to deploy pre-packaged images for VMware Server, VMware vSphere, Citrix Xen Server as well as Xen.org.

Try & Buy

Barracuda NG Firewall Vx and Barracuda NG Control Center Vx editions are available for a free fully-featured 60 day evaluation from <http://www.barracudanetworks.com/vx>

PARTIAL FEATURE LIST

Firewall / VPN Features

FIREWALL

- Stateful packet forwarding
- Intrusion Prevention (IPS)
- Transparent proxying (TCP)
- NAT (src,dst,nets), NAPT, PAT
- Object-oriented rule sets
- Dynamic rules / timer triggers
- Virtual rule test environment
- Jumbo frame support

TRAFFIC OPTIMIZATION

- Link monitoring and aggregation
- Policy routing
- Traffic shaping and QoS
- On-the-fly flow reprioritization
- Stream and packet compression
- Byte level data deduplication

INFRASTRUCTURE SERVICES

- DHCP server, relay
- HTTP, SSH, FTP proxies
- SMTP gateway and spam filter
- WiFi (802.11b/g) access point on selected models
- Authentication – supports x.509, NTLM, RADIUS, RSA SecurID, LDAP/LDAPS, Active Directory, TACACS+, local authentication

PROTOCOL SUPPORT

- IPv4, ARP, IPv6
- VoIP (H.323, SIP, SCCP [skinny])
- RPC protocols (ONC-RPC, DCE-RPC)
- 802.1q VLAN
- IPinIP and GRE tunnels
- OSPF/RIP router
- SNMP agent

VPN

- PPTP / L2TP (IPSec)
- Supports AES-128/256, 3DES, DES, Null ciphers
- Private CA or external PKI
- IPsec VPN clients for Windows, Mac, Linux
- Application-aware traffic intelligence across sites
- iOS mobile device VPN support

HIGH AVAILABILITY

- Active-active¹ or active-passive
- Network notification of failover
- Transparent failover without session loss
- Encrypted HA communication

Security Options

- Barracuda Web Security Flex
 - In the cloud web security
- Barracuda NG Web Security
 - Barracuda NG Web Filter
 - Barracuda NG Malware Protection
- Barracuda NG Secure Web Proxy (HTTPS traffic inspection option)
- Barracuda NG SSL VPN and NAC
 - Clientless access from Web browsers
 - Network Access Control validates client security access

Support Options

ENERGIZE UPDATES

- Standard technical support
- Firmware updates
- Layer 7 application definitions for control of more than 800 applications
- IPS pattern updates

Central Management Options

BARRACUDA NG CONTROL CENTER

- Standard Edition
 - 1 configuration grouping
 - Unlimited firewalls

BARRACUDA NG CONTROL CENTER

- Enterprise Edition (1 tenant)
 - Single tenant
 - Unlimited configuration groupings
 - Unlimited firewalls
- Global Edition (multi-tenant)
 - Support for 5 tenants included
 - Unlimited configuration groupings
 - Unlimited firewalls
 - Additional tenant licenses available

VIRTUAL APPLIANCE

- Supports VMware and XenServer

NGF Vx EDITIONS*	VF25	VF50	VF100	VF250	VF500	VF1000	VF2000	VF4000	VF8000
Number of IPs	25	50	100	250	500	UL	UL	UL	UL
Allowed Cores	2	2	2	2	2	2	4	8	16
Application control	✓	✓	✓	✓	✓	✓	✓	✓	✓
VPN ¹	✓	✓	✓	✓	✓	✓	✓	✓	✓
IPS ²	✓	✓	✓	✓	✓	✓	✓	✓	✓
Layer 7 Application Control ²	✓	✓	✓	✓	✓	✓	✓	✓	✓
Traffic Intelligence	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wan Optimization	✓	✓	✓	✓	✓	✓	✓	✓	✓
Online Web Filter +	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spam Filter	✓	✓	✓	✓	✓	✓	✓	✓	✓
NG Web Filter	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
NG Malware protection	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
NG Secure Web Proxy	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional

*One Barracuda NG Firewall Vx virtual image covers all of these editions.

¹ VPN: Barracuda NG Firewall Vx editions include as many VPN licenses as the number of protected IPs. VPN clients with an active connection to the Barracuda NG Firewall Vx are counted towards the protected IP limits.

² Requires a valid Energize Update subscription.

NG CONTROL CENTER Vx EDITIONS	VC400 STANDARD	VC600 ENTERPRISE	VC820 GLOBAL
Maximum managed Gateways (recommended)	Unlimited (20)	Unlimited (200)	Unlimited (depends on Hardware)
Multi-tenancy	-	Yes, by way of configuration groupings	Yes, includes support for 5 tenants
Multi-Administrator Support	✓	✓	✓
Role-based Administration	✓	✓	✓
Revision Control System	✓	✓	✓
Central Statistics	✓	✓	✓
Central Syslog Host / Relay	✓	✓	✓
Firewall Audit Information Collector/Viewer	✓	✓	✓
NG Access Monitor	✓	✓	✓
Barracuda NG Earth	-	-	-
PKI Service	-	-	-
High Availability support	Optional	Optional	Additional HA partner license included
Additional Range for multi-tenancy	-	-	Optional

Datasheet US 1.2

Specifications subject to change without notice.

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