Barracuda CloudGen Firewall VFC

Scalable security for the enterprise

Enterprise networks grow larger and more complex every day - and more critical to key business operations. The virtual appliance Barracuda CloudGen Firewall VFC is an essential tool to optimize the performance, security, and availability of today's dispersed enterprise WANs.

Integrated next-generation security

Barracuda CloudGen Firewall VFC is designed and built from the ground up to provide comprehensive, next-generation firewall capabilities. Based on application visibility, user-identity awareness, intrusion prevention, and centralized management, the CloudGen Firewall VFC is the ideal solution for today's dynamic enterprises as it is fully compatible with VMware, XenServer, KVM, Proxmox, and Hyper-V virtualization.

Regaining control of user activity

Barracuda CloudGen Firewall VFC restores control to networks made opaque and unmanageable by mobile devices at work, Web 2.0 applications, increasing dispersion, and the growing integration and dependence on cloud-based resources. It extends security coverage beyond network boundaries, and makes it easy to monitor and regulate everything the network and its users are doing.

True enterprise readiness

Barracuda CloudGen Firewall VFC meets the enterprise requirements for massive scalability and efficient management across dispersed networks. Integrated WAN optimization and centralized management enable organizations to increase system availability while keeping administrative time and operation costs low.

Technical specs

Firewall

- Stateful packet inspection and forwarding
- Full user-identity awareness
- IDS/IPS
- Application control and granular enforcement
- Interception and decryption of SSL/TLS encrypted apps
- Antivirus and web filtering in single pass mode
- Email security
- SafeSearch enforcement
- Google Accounts Enforcement
- Denial of Service protection (DoS/DDoS)
- Spoofing and flooding protection
- ARP spoofing and trashing protection
- DNS reputation filtering
- NAT (SNAT, DNAT), PAT
- Dynamic rules / timer triggers
- Single object-oriented rule set for routing, bridging, and routed bridging
- Virtual rule test environment
- Network security orchestration with tufin SecureTrack

Hypervisor support

- VMware
- Hyper-V
- KVM
- Proxmox
- XenServer

Protocol support

- IPv4, IPv6
- BGP/OSPF/RIP
- VoIP (H.323, SIP, SCCP [skinny])
- RPC protocols (ONC-RPC, DCE-RPC)
- 802.1q VLAN

Intrusion detection and prevention

- Protection against exploits, threats and vulnerabilities
- Packet anomaly and fragmentation protection
- Advanced anti-evasion and obfuscation techniques
- Automatic signature updates

Advanced Threat Protection

- Dynamic, on-demand analysis of malware programs (sandboxing)
- Dynamic analysis of documents with embedded exploits (PDF, Office, etc.)
- Detailed forensic analysis
- Botnet and spyware protection
- TypoSquatting and link protection for email

Central management options via Barracuda Firewall Control Center

- Administration for unlimited firewalls
- Support for multi-tenancy
- Multi-administrator support & RCS
- Zero-touch deployment
- Enterprise/MSP licensing
- Template & repository-based management
- REST API

Infrastructure services

- DHCP server, relay
- SIP and HTTP proxies
- SNMP and IPFIX support
- JSON lifecycle automation API
- Auto VPN via API and script control
- Authoritative DNS server
- DNS server
- DNS Cache
- Built-in support for Azure Virtual WAN

Self-healing SD-WAN

- Drag & drop configuration
- Optimized direct internet uplink selection
- Internet uplink optimization (forward error correction)
- Simultaneous use of multiple uplinks (transports) per SD-WAN connection
- FIPS 140-2 certified cryptography
- On-demand direct connection creation between remote spoke locations based on application type
- Dynamic bandwidth detection
- Performance-based transport selection
- Application-aware traffic routing
- Adaptive session balancing across multiple uplinks
- Application-based provider selection
- Traffic shaping and QoS
- Built-in data deduplication

Remote and Zero Trust Access

- Network access control
- iOS & Android mobile device support
- Two-factor authentication via timebased one-time passwords (TOTP), Radius, or RSA MFA (requires an active Advanced Remote Access subscription) for remote access clients
- Multi-factor authentication for SSL VPN and CudaLaunch
- Barracuda CloudGen Access support - CloudGen Access Proxy service included with every CloudGen Firewall for quick Zero-Trust-Access rollout

High availability

- Active-passive
- Transparent failover w/o session loss
- Encrypted HA communication

Support options

Barracuda Energize Updates

- Standard technical support
- Firmware updates
- IPS signature updates
- Application control definition updates
- Web filter updates
- Barracuda CloudGen Access support

Available subscription plans [1]

Threat Protection plan

This subscription plan bundles

- Energize Updates
- Advanced Threat Protection
- Firewall Insights

Total Threat Protection plan

This subscription plan bundles

- Energize Updates
- Advanced Threat Protection
- Firewall Insights
- Malware Protection
- Advanced Remote Access

	VFC1	VFC2	VFC4	VFC8	VFC16	VFC48
Suggested environments	Homeoffice, Kiosks, IoT/OT	Small & medium businesses	Medium to large businesses	Large businesses	Enterprises	Large enterprises
Allowed cores	1	2	4	8	16	48
Recommended firewall users [2]	50	300	2,000	7,000	10,000	> 10,000
Recommended remote access users [3]	50	100	250	500	1,000	>1,000
FEATURES						
Standard feature set includes	Firewall incl. IPS [4], application control, dynamic routing, app-based provider selection, TLS inspection, SD-WAN, web filter					
Barracuda Firewall Insights	Optional	Optional	Optional	Optional	Optional	Optional
Malware Protection [5]	Optional	Optional	Optional	Optional	Optional	Optional
Advanced Threat Protection [5]	Optional	Optional	Optional	Optional	Optional	Optional
Advanced Remote Access	Optional	Optional	Optional	Optional	Optional	Optional

[1] *All subscriptions mentioned are also available "à la carte".*

[2] *Protected IP adresses.*

[3] *Depending on hardware specifications.*

[4] *Requires a valid Energize Updates subscription.*

[5] *Including FTP, mail and web protocols.*

Specifications subject to change without notice.

Barracuda.

Your journey, secured.