Barracuda **Email Security Gateway Vx**

Best-of-Breed Email Security Solution

Barracuda®

As today's IT professionals are migrating towards virtual solutions for consolidation and cost savings, the Barracuda Email Security Gateway Vx provides a comprehensive email security solution to block email-borne attacks while providing the extra features needed to ensure business continuity.

The Barracuda Advantage

- Free Cloud Protection Layer providing:
  - Email spooling up to 96 hours
  - Inbound email filtering
- Barracuda Real-Time Protection
- Outbound email filtering for DLP
- Cloud-based encryption included free of charge
- Configuration backup to the cloud
- Preconfigured for quick deployment
- No per-user or per-server fees

Product Spotlight

- Industry-leading spam and virus defense for email
- Protection from data loss and reputation damage
- Long-lasting product that stays ahead of the latest threats
- Advanced, granular policy management

Comprehensive Protection for the Long Term

The Barracuda Email Security Gateway Vx includes spam and virus blocking, data protection, email continuity, DoS prevention, encryption, and policy management—combined to deliver a complete solution. As new requirements emerge, it is automatically updated with new capabilities to ensure continuous protection.

Fastest Response to New Threats

The experts at Barracuda Central work 24/7 to monitor and block the latest Internet threats. Data from more than 150,000 collection points is analyzed to create and deliver protection against previously unknown threats within minutes of their discovery.

Affordable and Easy to Use

Fast, easy set-up and simple, intuitive management keep time and resource needs low. The integration of the Barracuda Cloud Protection Layer and no per-user fees make it easy and very affordable to scale capacity as your business grows.

Barracuda Cloud Protection Layer filters and spools inbound email traffic.
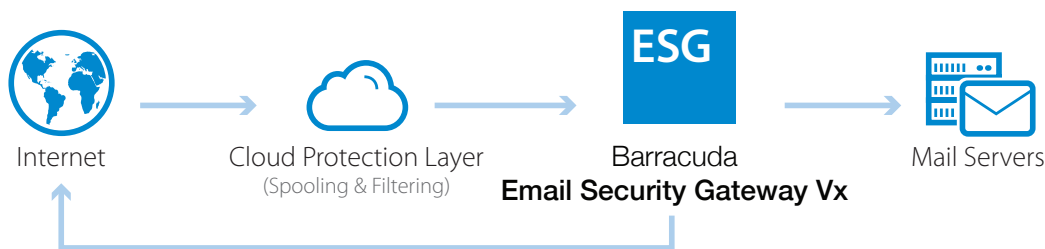
Internet → Cloud Protection Layer (Spooling & Filtering) → **ESG** Barracuda **Email Security Gateway Vx** → Mail Servers

Technical Specs

Comprehensive Protection
- Spam and virus filtering
- Cloud Protection Layer
- Prevents spoofing, phishing, and malware
- Denial of Service (DoS/DDoS) protection
- Directory harvest protection
- Outbound email filtering

DLP & Reputation Loss
- Maintain compliance
- Prevents reputation loss and blacklisting
- Pre-defined filters (e.g., HIPAA, credit card, and U.S. Social Security Numbers)

Sender Authentication
- SPF and DomainKeys
- Emailreg.org
- Invalid bounce suppression

Advanced Policy Control
- IP and content-based filtering
- Bulk email categorization
- Content encryption
- Sender/recipient filtering
- RBL and DNSBL support
- Keyword blocking
- Character-set blocking
- Reverse DNS blocking
- URL pattern and category blocking
- TLS encryption policy
- Secondary authentication

Spam Filter
- Rate control
- IP reputation analysis
- Fingerprint and image analysis
- Rules-based scoring algorithms

Virus Filter
- Triple-layer virus blocking
- Integrated Exchange AV Agent
- Decompression of archives
- File type blocking
- Barracuda Antivirus Supercomputing Grid

System Features

Administrators
- Web-based interface
- User account administration
- Reports, graphs, and statistics
- LDAP interface
- Multiple domain support
- Secure remote administration
- Delegated domain administration
- Delegated help desk role
- Email spooling
- Configure backup to cloud

End Users
- User-based filtering
- Individual spam scoring
- Personal allow and block lists
- End-user quarantine and digest emails
- Outlook
- Bayesian analysis

Deployment Options

Virtual Appliance
- Hardened OS
- Seven models to choose from
- Common Hypervisor Support including VMware, Microsoft Hyper-V, KVM, and XenServer

Support Options

Barracuda Energize Updates
- Standard technical support
- Hourly spam definition updates
- Barracuda Reputation Databases
- Fingerprint and intent analysis definitions
- Hourly virus definition updates

MODEL COMPARISON	100	300	400	600	800	900	1000
FEATURES							
Active email users	1-50[1]	Up to 1,000	Up to 5,000	Up to 10,000	Up to 22,000	Up to 30,000	Up to 100,000
Number of CPU Cores Allowed	1	2	4	6	12	24	Unlmited
Outbound Filtering	●	●	●	●	●	●	●
Cloud Protection Layer	●	●	●	●	●	●	●
Email Encryption	●	●	●	●	●	●	●
MS Exchange/LDAP Accelerator		●	●	●	●	●	●
Per User Settings & Quarantine		●	●	●	●	●	●
Delegated Help Desk Role		●	●	●	●	●	●
Syslog Support		●	●	●	●	●	●
Clustering & Remote Clustering			●	●	●	●	●
Per Domain Settings			●	●	●	●	●
Single Sign-on			●	●	●	●	●
SNMP/API			●	●	●	●	●
Customizable Branding				●	●	●	●
Per User Score Settings				●	●	●	●
Delegated Domain Administration				●	●	●	●

[1] Limited to providing antispam and antivirus protection for up to 50 email addresses.