

# Barracuda Email Security Gateway

Complete Protection from Email-Borne Threats in Amazon Web Services



The Barracuda Email Security Gateway for Amazon Web Services offers advanced email management and layered protection that is completely cloud-based, protecting against incoming and outgoing email-based threats.

## Security

- ☑ Data Protection
- ☑ Application Delivery

## 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

## Product Spotlight

- Industry-leading spam and virus defense for email
- Protection from data loss and reputation damage
- Advanced Threat Protection<sup>1</sup> to protect against ransomware and other advanced threats
- Advanced, granular policy management
- Also available as a physical or virtual appliance



### Comprehensive Protection for the Long Term

The Barracuda Email Security Gateway 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.



### Complete Email Threat Protection

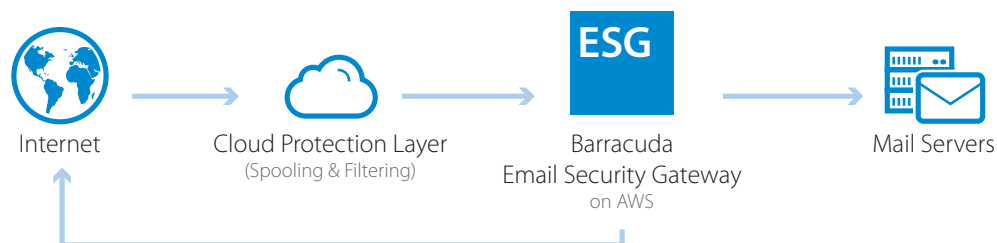
The Barracuda Email Security Gateway provides multi-layer security, email continuity, and data leakage prevention. Advanced Threat Protection<sup>1</sup> combines behavioral, heuristic, and sandboxing technologies to protect against zero-hour, targeted attacks and ransomware.



### Scalable 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 makes it easy to scale capacity as your business grows.

## Barracuda Cloud Protection Layer filters and spools inbound email traffic.



## 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 and Reputation Loss

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

### 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

### Sender Authentication

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

### 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
- Advanced Threat Protection<sup>1</sup> to protect against ransomware, zero hour and targeted attacks.

## 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 add-in
- Bayesian analysis

MODEL COMPARISON	LEVEL 3	LEVEL 4	LEVEL 6
<b>CAPACITY</b>			
AWS Container Size	M3.medium/T2.medium	M3.large/M4.large/C4.large/T2.large	M3.xlarge/M4.xlarge/C4.xlarge
Active Email Users	3,000-10,000	8,000-22,000	15,000-30,000
Domains	5,000	5,000	5,000
<b>FEATURES</b>			
Advanced Threat Protection <sup>1</sup>	•	•	•
Outbound Email Filtering	•	•	•
Email Encryption	•	•	•
Cloud Protection Layer	•	•	•
MS Exchange/LDAP Accelerator	•	•	•
Per-User Settings and 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	•	•	•

\* Also available in Vx (Virtual Edition). Specifications subject to change without notice.

<sup>1</sup> Advanced Threat Protection (ATP) is available as an add-on subscription.