

# Barracuda Email Protection

## Email Gateway Defense

In today's complex cyber-threat environment, you need an email security solution that delivers comprehensive security against sophisticated attacks while also being easy to deploy, configure, and manage. Barracuda provides cloud-based protection against advanced email attacks, helps ensure email continuity and scans outgoing email to prevent data loss - all without the need to install any additional hardware or software.

### Comprehensive email threat protection

Barracuda Email Protection protects against phishing, malware, ransomware, and other sophisticated, email-borne threats. Its multi-layered, cloud-hosted scanning engines include Barracuda Advanced Threat Protection, which combines behavioral, heuristic, and sandboxing technologies.

This lets it protect your infrastructure against zero-hour, targeted attacks and ransomware variants like Locky and CryptoLocker. It automatically scans email attachments in real time; suspicious attachments are detonated in a sandbox environment to observe behavior. Link protection redirects suspicious and typosquatted URLs to protect email recipients against inadvertent malware downloads.

### Data Loss Prevention

Barracuda's data loss prevention and email encryption keeps sensitive data — such as credit card numbers, social security numbers, HIPAA data, and more — from leaving your organization.

Outbound filtering stops outbound attacks originating from inside the network, to protect email recipients and also keep you from being added to spam block lists.

Content policies can automatically encrypt, quarantine, or even block certain outbound emails based on their content, sender, or recipient.

### Ensuring business continuity

Barracuda Email Continuity ensures that email can still be delivered during email outages or loss of connectivity. Email operations continue by failing over to a cloud-based email service in the event primary email services become unavailable.

## Key Features

### Spam and malware protection

- Cloud-based protection against:
  - Spam
  - Email-borne viruses (inbound and outbound)
  - Email-based malware
  - Phishing emails
  - Undelivered emails
  - Unsecured emails
  - Denial-of-Service attacks
- Link and URL protection against typosquatting

### Attachment protection

- Full-system emulation sandbox for suspicious attachments
- Scans email attachments in real-time

### Email continuity

- Failover to cloud-based email service to continue operations
- Provides email continuity for up to 96 hours
- Emergency mailbox allows users to send, receive, read and respond to email

### Advanced threat protection

- Behavioral, heuristic, and sandboxing technologies protect against zero-hour attacks
- Threat details integrated into Barracuda Real Time System providing protection for all other customers

### Email encryption data loss protection

- Agentless email encryption
- AES 256-bit encryption at rest and in transit
- Outbound filtering prevents outbound attacks originating inside the network
- Content policies to automatically encrypt, quarantine, or block email

### Web-based management

- Managed via Barracuda Cloud-Control
- Web-based management portal
- LDAP and multi-factor authentication
- Centrally manage security policies
- Access reports from any location

Email Gateway Defense is included as part of Barracuda Email Protection. Find the plan that's right for you.

CAPABILITIES	ADVANCED	PREMIUM	PREMIUM PLUS
Spam and Malware Protection	✓	✓	✓
Attachment Protection	✓	✓	✓
Link Protection	✓	✓	✓
Email Continuity	✓	✓	✓
Email Encryption	✓	✓	✓
Data Loss Prevention	✓	✓	✓
Phishing and Impersonation Protection	✓	✓	✓
Account Takeover Protection	✓	✓	✓
Automatic Remediation	✓	✓	✓
Domain Fraud Protection		✓	✓
Web Security		✓	✓
Threat Hunting and Response		✓	✓
Automated Workflows		✓	✓
SIEM/SOAR/XDR Integration		✓	✓
Cloud Archiving			✓
Cloud-to-Cloud Backup			✓
Data Inspector			✓
Attack Simulation			✓
Security Awareness Training			✓
Zero Trust Access for Microsoft 365			✓

