Barracuda Email Protection

Complete security for Microsoft 365

For organizations that want to protect their businesses, brands, and people against the most advanced email-borne threats, Barracuda Email Protection is a comprehensive, easy-to-use solution that delivers gateway defense, API-based inbox defense, incident response, data protection, and compliance capabilities.

Block spam, malware, and zero-day threats

Barracuda uses advanced techniques to detect known spam and malware. It also provides email continuity, along with outbound filtering and encryption, to prevent data loss. Built-in Advanced Threat Protection uses payload analysis and sandboxing to discover zero-day malware. Link protection redirects suspicious and typo-squatted URLs, and web security blocks access to malicious web domains to prevent recipients from downloading malware inadvertently.

Get real-time defense against spear phishing

Barracuda's unique API-based architecture lets its AI engine study historical email and learn users' unique communication patterns. It can then identify anomalies in message metadata and content, to find and block socially engineered attacks in real time.

Defend your organization against account takeover

Barracuda stops the phishing attacks that hackers use to harvest credentials for account takeover. It detects anomalous email behavior and alerts IT, then finds and removes all fraudulent emails sent from compromised accounts.

Respond to email threats post-delivery

Identify potential threats post-delivery based on insights gathered from analysis of previously delivered email and community-sourced threat intelligence. Preserve IT resources with automatic removal of malicious messages and automated response playbooks. Stay ahead of the cybercriminals and block future attacks with continuous remediation.

Train users to identify the latest threats

Enable your users to recognize the latest phishing techniques and help prevent attacks from spreading across your organization. Get access to highly engaging training materials and phishing simulations based on real-world threats.

Secure data and ensure compliance

Get cloud backup for Microsoft 365 data including Exchange Online mailboxes, SharePoint Online, OneDrive for Business, and Teams. Fast point-in-time recovery in the event of accidental or malicious deletion. Cloud archiving helps you meet compliance requirements with e-discovery, granular retention policies, and unlimited storage.

Key features

Phishing and Impersonation Protection

- Direct connectivity to Microsoft 365
- Fast, easy setup (less than 5 minutes)
- Stops spear-phishing attacks, business email compromise (BEC), extortion, and other socially engineered attacks
- Artificial intelligence to detect and stop email attacks in real time
- Detects and alerts account takeover activity
- Notifies external users and deletes compromised email
- Blocks attackers' access to compromised account
- Provides visibility into inbox rule changes and suspicious sign-ins
- Threat environment analytics and reporting

Incident Response

- Outlook add-in and one-click threat reporting
- Security incident alerts
- Geographical insights
- Community-sourced threat data
- Recipient and behavior data
- Removes emails from user mailboxes
- Sets inbound email policies
- Blocks access to malicious web content
- Automatic remediation of malicious content
- Continuous remediation
- Automated workflow builder
- API integration for SOAR/SIEM/XDR platforms

Cloud-to-Cloud Backup

- Backup and recovery for Microsoft 365: Exchange Online, SharePoint Online, OneDrive, and Teams for Business.
- Granular scheduling and restores
- Automated or manual backups
- Multi-selection restores
- Granular recovery of SharePoint items
- Restore back to Exchange Online or OneDrive for Business, or download files locally

Entra ID Backup

- Backup and restore 13 critical Entra ID components, including users, groups, roles, app registrations, audit logs, authentication policies, BitLocker keys, and more
- Both granular and full restore capabilities for all supported objects
- Granular reporting for backup, restore and export jobs
- Audit-log reporting to fully log all actions across your account

Email Gateway Defense

- Cloud-based protection against spam, malware, viruses, phishing, and other email-borne threats
- Advanced Threat Protection using full-system emulation sandbox
- Agentless email encryption and data loss prevention
- Link and typo-squatting protection
- Email continuity with failover to cloud-based email service
- Emergency mailbox to send, receive, read, and respond to email

Cloud Archiving

- Archive directly from Microsoft 365 to cloud-based archive
- PST management for legacy email
- Granular retention policies
- Full text search with multiple operators

Security Awareness Training

- Threat simulation for email, SMS, voice, and physical media
- Real-world threat templates
- Security education and Microlearning videos
- Quizzes and risk assessment surveys
- Collects over 16,000 data points
- Detailed trend analytics
- Customizable reports and dashboards

Domain Fraud Protection

- DMARC authentication, reporting, and analysis
- Prevent domain spoofing and brand hijacking

Data Inspector

- Scans OneDrive and SharePoint for sensitive information and malicious files
- Malicious file identification
- Data classification settings
- Automated email notifications for admins, compliance officers, and users
- Role-based access control
- Advanced encryption capabilities

Barracuda Email Protection is available in three plans. Find the plan that's right for you.

CAPABILITIES	ADVANCED	PREMIUM	PREMIUM PLUS
Flexible deployment	✓	✓	✓
AI-powered detection and response	✓	✓	✓
Spam, malware, and ransomware protection	✓	✓	✓
Phishing and BEC protection	✓	✓	✓
Account takeover protection	✓	✓	✓
QR-code attack protection	✓	✓	✓
Link protection	✓	✓	✓
Attachment sandboxing	✓	✓	✓
Dynamic warning banners	✓	✓	✓
DMARC reporting	✓	✓	✓
Automated incident response	✓	✓	✓
SIEM/SOAR/XDR integrations	✓	✓	✓
Email encryption	✓	✓	✓
Email continuity	✓	✓	✓
Data loss prevention	✓	✓	✓
Unlimited Microsoft 365 backup		✓	✓
Point-in-time data recovery		✓	✓
File scanning for PII and malware		✓	✓
Remediation of improper file shares		✓	✓
Cloud archiving			✓
Security awareness training*			✓
Attack simulation*			✓

**For MSP customers, security awareness training and attack simulation are available as a managed service.*

Barracuda®