



## G-Cloud 14 Framework Service Definition

Lot 2: Cloud Software  
Barracuda Email Protection

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# 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.

### Protect yourself from lateral attacks.

Digital transformation to the cloud — especially to Microsoft 365 — has accelerated over the past few years. This has dovetailed with a rise in remote employees, remote contractors, and BYOD policies. The result: a new attack surface, where a compromised account exposes the whole collaboration suite to lateral attacks. Barracuda layers email security with Zero Trust Access so that you can continuously verify the identity and trust of your workforce and devices.

# 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

## 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

## Web Security

- Protects against web-based threats
- Web content filtering
- Web filtering logs
- Administrative reports
- Automatic alerts

## 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

## Zero Trust Access

- Phishing protection and threat blocking at the device level
- Role- and Attribute-Based Access Control policy engine
- Streamlined provisioning
- Global policy implementation
- Compliance

Barracuda Email Protection is available in three plans. 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			✓





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