

Barracuda Email Gateway Defense

Advanced security and data protection for email

In today's complex cyberthreat environment, you need an email protection solution that delivers comprehensive security against sophisticated attacks, while also being easy to deploy, configure, and manage. Barracuda Email Gateway Defense (formerly Essentials) provides complete, cloud-based protection against advanced targeted attacks, helps ensure email continuity, and prevents data loss by continuously scanning outbound messages.

Deliver comprehensive email threat protection

Protect against phishing, malware, ransomware, and other sophisticated, email-borne threats. Barracuda Email Gateway Defense includes gateway protection, Advanced Threat Protection (ATP), encryption, archiving, and cloud-to-cloud data protection.

Protect customers from advanced attacks

Barracuda Advanced Threat Protection, an important protection layer is a cloud-hosted scanning engines which combines behavioral, heuristic, and sandboxing technologies. This ensures your customers are protected 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.

Outbound Data Leak Protection

By scanning all outbound messages, you can ensure that each email leaving is legitimate, virus -free, and does not leak private or sensitive information.

For MSPs serving healthcare providers, governmental agencies, and other entities who need to protect private, sensitive, and valuable information communicated via email, Barracuda Email Gateway Defense provides Data Leak Prevention (DLP) feature using email encryption. DLP enables your organization to satisfy email compliance filtering for corporate policies and government regulations such as HIPAA and Sarbanes-Oxley (SOX).

Ensure 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

Email Security

- Cloud-based protection against:
 - Spam
 - Email-borne viruses (inbound and outbound)
 - Email-based malware
 - Phishing emails
 - Undelivered emails
 - Unsecured emails
 - Denial-of-Service attacks
- Advanced Threat Protection using full-system emulation sandbox
- Agentless email encryption
- Link and URL protection against typosquatting
- Integrated end-user training and exercises to help identify advanced threats

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

Web-Based Management

- Managed via Barracuda Cloud Control
- Convenient configuration and management
- Web-based management portal
- LDAP and multi-factor authentication
- Centrally manage security policies
- Access reports from any location
- Mobile applications
- Mixed-mode for managing existing Barracuda products

Secure Cloud Data Centers

- AES 256-bit encryption at rest and in transit
- Public key cryptography (RSA 1024)
- Isolated customer metadata databases
- Redundant storage (geographic or within colo)
- Data stored in-country (based on colo)
- Tier 3 & 4 data centers
- SSAE 16 or SOC audited data centers



About Barracuda MSP

As the MSP-dedicated business unit of Barracuda Networks, Barracuda MSP enables IT managed service providers to offer multi-layered security and data protection services to their customers through our award-winning products and purpose-built MSP management platforms. Barracuda MSP's partners-first approach focuses on providing enablement resources, channel expertise, and robust, scalable MSP solutions designed around the way managed service providers create solutions and do business. Visit barracudamsp.com for additional information. [@BarracudaMSP](https://twitter.com/BarracudaMSP) | [LinkedIn: BarracudaMSP](https://www.linkedin.com/company/BarracudaMSP) | blog.barracudamsp.com

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