

Barracuda Impersonation Protection and Domain Fraud Protection (formerly Barracuda Sentinel)

Artificial Intelligence for Real-Time Email Protection

Barracuda Impersonation and Domain Fraud Protection (formerly Barracuda Sentinel) combines artificial intelligence, deep integration with Microsoft Office 365, and brand protection into a comprehensive cloud-based solution that guards against business email compromise, account takeover, spear phishing, and other cyber fraud.

Real-time defense against business email compromise

Unique API-based architecture gives Impersonation Protection's AI engine access to historical email data to learn each user's unique communications patterns. The engine leverages multiple classifiers to map the social networks of every individual inside the company and identifies anomalous signals in message metadata and content.

Its unique approach does not rely on static rules to detect targeted attacks — it relies on historical statistics of each organization to determine with a higher degree of accuracy whether a certain email is part of a socially engineered attack or account takeover.

Protection against account takeover and insider risk

Every day, legitimate business accounts get compromised due to stolen credentials. Account takeover can remain dormant in an SMBs' environment for months, with hackers watching and learning before launching their attacks.

Barracuda Impersonation Protection's comprehensive protection against account takeover includes three components: prevention, detection, and remediation. It prevents targeted phishing attacks that bypass traditional email gateways and can lead to harvesting credentials. If an account has been compromised, it detects the anomalous behavior and alerts MSP. Finally, it can remediate the attack by removing all of the malicious emails sent by the compromised account from within employee mailboxes with one click.

Brand protection and domain fraud visibility

Domain spoofing and brand hijacking are common techniques used by hackers in social engineering attacks. Domain spoofing can be used to target your customer's employees, external partners, and other third parties who might trust their brand. Barracuda Domain Fraud Protection provides complete protection from email domain fraud through DMARC (Domain-based Message Authentication Reporting and Conformance) reporting, analysis, and visibility.

It offers an intuitive wizard to help MSPs easily set up DMARC authentication. Once DMARC is properly configured, it provides granular visibility and analysis of DMARC reports to help you properly set-up DMARC enforcement and reduce the potential of false-positives enforcements. Well-configured DMARC enforcement ensures deliverability of legitimate email traffic and prevents unauthorized spoofing emails.

Key Features

AI for Real-Time Protection

- Stops spear phishing attacks in real time
- Uses artificial intelligence to learn each of your customer's unique communications patterns
 - Maps social networks inside the organization to understand typical communications patterns
 - Identifies anomalies in metadata and content
- Real-time notification
 - Quarantines messages automatically
 - Alerts MSPs and users
 - Visibility into historical and internal communications
- Comprehensive protection against personalized attacks, commonly known as spear phishing, business email compromise (BEC), whaling, impersonation attempts, and/or CEO fraud

Domain Fraud Protection

- DMARC authentication and analysis to prevent:
 - Brand hijacking
 - Domain spoofing
- Intuitive wizard to help set up DMARC authentication
- Analysis of DMARC reports to understand who is sending mail from each domain
- Ensure deliverability of legitimate messages
- Actionable step-by-step insights to comply with DMARC

Account Takeover Protection

- Real-time defense and remediation

High Risk Employee Analysis

- Identify high-risk individuals inside customers' accounts using artificial intelligence

Deployment and Availability

Available to Microsoft Office 365 Users Worldwide

100% Cloud Delivered

- No hardware or software required to install or maintain

Works Alongside any Email Security Solution

- Barracuda Essentials—email security, archiving, and backup for Office 365
- Barracuda Email Security Gateway
- Microsoft Exchange Online Protection (EOP)
- Others

API-based Architecture

- Direct connectivity to Office 365
- Zero impact on network performance or user experience
- Fast, easy set-up (less than 5 minutes)



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 barracudamp.com for additional information. [@BarracudaMSP](https://twitter.com/BarracudaMSP) | [LinkedIn: BarracudaMSP](https://www.linkedin.com/company/BarracudaMSP) | blog.barracudamp.com

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