

Top 5

Benefits of Cloud-Based Email Security

Cloud email security adoption is growing

Every year, many organizations move to cloud email providers—Microsoft Office 365 being the most popular choice. In fact, Office 365 has seen 40% growth in its adoption year over year. As companies migrate to the cloud, they start evaluating cloud-based security solutions to protect their email environment.

1

Faster Deployment and Updates

Deployment and migration are fast and easy since there's no software to download or install. For enterprise-grade email security solutions it's a simple two-step process that takes less than one hour. Step one is to contact the vendor's support team with a migration or deployment request. They will then transfer all configuration from your on-premises Email Security Gateway to a cloud solution. Step two involves cutting over your MX records and traffic to the new solution. That's it!

There are also additional benefits when it's time to update your software. Your security vendor will regularly provide updates to your existing solution to make sure you have the best protection possible. With a cloud solution, you will receive these updates immediately as they become available with no downtime. There is no time lapse before full protection is restored, and your users remain fully protected throughout the update.

2

Re-focus IT Resources

IT resources are often scarce and stretched. This is especially the case in small and medium size companies where IT departments lack dedicated security staff. Cloud email security comes with little maintenance and no hardware, which often frees up time for IT. It's also a lot easier to manage while still providing enough customization to make sure you remain in control of your security. Finally, there's no need to maintain specialized staff as your email security vendor will provide you with needed support.

Cloud email security gives organizations an opportunity to focus their IT on more strategic tasks like security forensics and threat analysis, which will help make them more proactive in the way they protect their email environment and users.

3

Scalable Solution

Today's workforce send and receive millions of emails every day. Most have more individual users and adopt automated and marketing technologies to send email on their behalf, and all these messages need to be processed by an email security solution. As businesses grow, they need to have email security that is able to scale with them, where adding new users is easy and fast. A cloud solution will scale with your business needs, it's easy to add users and you don't need to worry about the amount of mail they send or receive.

There's no need to invest in infrastructure or budget for maintenance since there's nothing to maintain and nothing to download. Cloud email security offers predictable and transparent cost structure: Organizations know exactly what they pay every month and can budget accordingly. This is especially beneficial for SMBs who often don't have enough funds up front to invest in expensive hardware.

4

Access automated incident response capabilities

No defense can detect 100% of email attacks, when malicious emails get through, organizations need to act fast to remove the threat and minimize potential damages and spread of an attack. For many organizations with on premises security, incident response is a slow, manual process. Cloud-hosted email security provides access to automated incident response capabilities that significantly slash the time between threat identification and remediation. With automated incident response, malicious content detected post-delivery is automatically deleted. Access to community-sourced threat intelligence means your IT Team will be alerted of any potential email security incidents that have been previously reported by other security teams. Those potential incidents can then be flagged and triaged for efficient review and remediation. Cloud-hosted security enables you to quickly respond to email threats that make it past the gateway.

5

Better protection from advanced threats and phishing attacks

Most importantly cloud email security provides advanced email security features for added protection against zero-day and phishing attacks that leverage social engineering and even account takeover.

Advanced threat protection provides additional layers of security against zero-day attacks and malware. Cloud email security provides a safe sandbox environment where suspicious attachments can be analyzed for malicious code before it's delivered to the inbox.

Finally, cloud security vendors started to invest in the development of artificial intelligence technology to help them address growing threats of targeted phishing attacks. Most spear phishing attacks come from high reputation senders and don't contain any malicious payload in the form of links or attachments. To email gateways, these messages look like legitimate emails. However, AI engines that are built into cloud email security can help block targeted email threats that evade traditional security and can alert administrators of fraudulent account login attempts.

Barracuda Email Protection

For organizations that need to protect their businesses, brands, and people against the most advanced email-borne threats, Barracuda Email Protection is a SaaS solution that provides complete security for Office 365.

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.*

Discover how a cloud email security solution can benefit your business — learn more about Barracuda Email Protection at barracuda.com/emailprotection.

