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MICROSOFT OFFICE 365 AND TRUSTWAVE SEG CLOUD

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INTRODUCTION

As organizations seek to gain efficiency and flexibility with cloud-hosted email solutions, they are still challenged to ensure data security against new and evolving email-born threats. Trustwave Secure Email Gateway Cloud leverages a long history of augmenting Microsoft Exchange, to create a leading cloud email security solution that complements Microsoft Office 365. Administrators and users will find advanced email security, superior protection from malicious links, data loss prevention capabilities, enhanced reporting, powerful business workflow and flexible user management. The net result is advanced email security in an easy-to-own and affordable bundle.

THE DRIVE TO CLOUD-BASED EMAIL SECURITY

Moving to the cloud is intriguing to organizations of all sizes. Many companies start their move with email and email related security technologies. These organizations often choose Microsoft Office 365 due to its strong name recognition and familiarity.

Organizations can enhance their investment in Office 365 with Trustwave Secure Email Gateway (SEG) Cloud. Trustwave SEG Cloud allows customers to add strong email security, data loss prevention (DLP), reporting and administration. Trustwave SEG Cloud is overseen by the SpiderLabs elite research team which is highly experienced in protecting the Microsoft Exchange server. Complementing Office 365 with Trustwave SEG Cloud provides customers the best of both worlds – strong email and data hosting from Microsoft and unmatched protection with email security from Trustwave, all while reaping the full benefits of moving to the cloud.

ADVANCED EMAIL SECURITY

Email continues to be the primary method of business communication. Due to our "always connected" world of smart phones and tablets, people expect to send and receive email at all times - making email an easy and popular attack vector.

Today's cybercriminals spend time identifying common email security defenses to find ways around them before they send malicious messages. The Trustwave 2014 Global Security Report found that overall spam volume accounts for roughly 70% of inbound email and malicious links and attachments continue to be a serious problem for companies of all sizes. Office 365 depends upon third-party security augmentation to meet this threat.

Not all email attacks can be prevented by simply blocking messages that include easily identified malicious links or come from known bad senders - new advanced attacks combine both web and email vulnerabilities. However, most email security solutions only look for email threats and completely miss those that are web-related. Properly defending against these hybrid attacks requires an advanced email security solution that looks for and understands both the web and email elements.

Many security providers shape and develop their security services based on data they collect. In fact, the Trustwave SEG Cloud solution benefits from insight gathered by SpiderLabs, Trustwave's elite security team, gaining real-world knowledge into how attackers think and operate. Conducting hundreds of forensic investigations, scanning thousands of networks and applications and studying data streams for millions of endpoints and reviewing billions of events each year, the SpiderLabs team is able to gather huge amounts of information that results in a unique view of the global security landscape. This multi-disciplinary approach is unique in the email security market and has made Trustwave SEG Cloud one of the most powerful and unmatched email security solutions available.

BLENDED THREATS

Blended threats combine web and email into a single, advanced attack. Malicious email-borne links are challenging for email security solutions that are not equipped to protect against web threats. With 50% of all email messages now being viewed on mobile devices, it is clear that email security has also become a mobile problem. Office 365 needs supplemental security protection here as well.

Point-of-click protection is a feature that scans a URL every time a user clicks a link within an email message. A common cybercriminal tactic is to send links via email that are not malicious at the time they are received, so a scan-on-receipt tool will allow the email to be delivered. A short while later a malicious payload is placed at the link address, so then later when the user opens their email and clicks, they are sent to the malicious URL.

Trustwave Blended Threat Module (BTM) was one of the first solutions on the market to protect against malicious links at the point-of-click. The protection delivered by BTM is enhanced by tight integration with Trustwave Secure Web Gateway (SWG), which is fully managed by Trustwave. All links embedded in emails are rewritten and routed through the cloud-based instance of SWG where they are scanned for threats. This provides real-time, advanced protection against threats which even extends to mobile devices since links are scanned every time they are clicked, regardless of the device.

ENHANCED REPORTING

Microsoft has long depended on third-party solutions for enterprise-level reporting and Office 365 is not an exception. Trustwave SEG offers several enhanced reporting options which you can take advantage of when complementing Office 365 with Trustwave SEG Cloud. Comprehensive and customizable reports provide data on types and volumes of threats, where emails are coming from and which policies are being triggered - offering organizations full visibility into their email activity.

USER MANAGEMENT

Office 365 generally leaves managing suspicious messages to the end user. By default, Office 365 places all suspect messages in the Microsoft Outlook junk email folder where end users can decide what to do about them. Trustwave SEG Cloud provides a dedicated console, separate from Microsoft Outlook, where only administrator-defined suspect messages are available for end users to review. The Trustwave console also provide additional details that help end users make better informed decisions about whether a message is truly clean.

DATA PROTECTION

Compliance regulations affect organizations all around the world. From POPI in South Africa to old standbys like SOX, an increasing number of companies find themselves subject to regulatory compliance – many of which must be addressed with email security solutions. Trustwave SEG Cloud uses the same compliance categories built into Trustwave's DLP products. With these categories, Trustwave SEG Cloud can help organizations meet their regulatory compliance requirements. To get DLP functionality with Office 365 requires purchasing the highest level of service (E3), a service level that includes features organizations often do not need or do not have skillset to properly utilize. Accompanying Office 365 with Trustwave SEG Cloud helps companies meet their compliance requirements at a fraction of the price of Office 365 level E3 plus the added convenience of a managed solution.

Data protection extends beyond just regulatory compliance. Increasingly organizations are expanding the definition of data that needs to be protected, from intellectual property to personally identifiable information. This data falls outside the realm of normal DLP categories yet requires the same level of detection and protection. Trustwave SEG Cloud has one of the most granular and flexible data protection policy engines available in the email security market. In addition to defining custom data, Trustwave SEG Cloud allows administrators to configure the context of the data and cumulative weight to provide the exact level of protection required. As every organization's requirements are different, the Trustwave solution provides the ability to define the exact level of protection required.

BUSINESS WORKFLOW

Hosted email solutions like Office 365 help organizations efficiently get the right information to the right people. Most email security solutions only focus on the security and data protection elements before passing the message on to the internal email server. Now, even small companies are finding themselves in need of complex email routing options based on the sender, recipient, type of data, message size, time of day and much more. Trustwave SEG Cloud provides a comprehensive solution with industry leading email security, data protection and customizable business workflow configuration. Many customers attribute their ability to solve business process problems with Trustwave SEG Cloud to the seemingly unlimited configuration flexibility that it provides.

BETTER TOGETHER

There is no denying the appeal and value that Microsoft Office 365 provides to its customers. Complementing Office 365 with Trustwave SEG Cloud delivers an unbeatable combination. By allowing each vendor to do what they do best, organizations are at an advantage when moving to the cloud. In addition, businesses get peace-of-mind knowing that their email security is managed by top security experts, with all email traffic entering the organization being scanned for possible threats. Office 365 and Trustwave SEG Cloud are truly a match made in security heaven – solutions with minimal maintenance, outstanding features, all at a cost effective price that can fit into any business's budget.

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