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BLUE COAT TECHNOLOGY PARTNER: MANAGEDMETHODS

Security
Empowers
Business

Challenge

Companies today are dealing with a whole different cloud economy compared to just a few years ago. It is no secret that cloud application (SaaS) usage is on the rise in today's business world. SaaS applications are now available for core business functions throughout the enterprise. Sensitive data now moves freely between the enterprise and the cloud and business units in the enterprise are adopting cloud-based applications at an increasing rate. IT security teams are struggling to maintain control and prevent data loss and reduce risk. The use of both sanctioned and unsanctioned cloud applications has created an intensified risk of internal/external data leaks, malware attacks from suspicious cloud providers and, the problematic visibility and security issues of "Shadow IT" spinning out of control.

To amplify the problem, many current security solutions cannot see or manage SSL/TLS encrypted traffic. SSL encrypted traffic is pervasive in organizations around the world, representing 35% or more of all enterprise network traffic today. With a 20% annual growth rate, SSL encrypted traffic presents a critical security blind spot in organizations; and you cannot control what you cannot see.

The Solution: ManagedMethods Cloud Access Monitor and Blue Coat SSL Visibility Appliance

The integration of the Blue Coat SSL Visibility Appliance and ManagedMethods' Cloud Access Monitor provides IT security groups with visibility and insight into all encrypted traffic and cloud application usage.

Blue Coat's encrypted traffic management solutions eliminate the encrypted traffic blind spot and help combat the security threats hidden in encrypted traffic such as advanced malware and data-stealing command-and-control tools. Based on the innovative SSL Visibility Appliance and the market-leading ProxySG secure web gateway, these ETM solutions provide the most comprehensive and cost-effective means to eliminate the encrypted traffic blind spot while preserving privacy, compliance and the investment in the security infrastructure.

ManagedMethods introduced the industry's first on-premise software solution to discover, monitor and control the usage of cloud applications to show unsanctioned use of cloud applications and services that could potentially expose an organization to security risks and data loss. Together, the Blue Coat SSL Visibility Appliance and ManagedMethods Cloud Access Monitor are integral components to an organization's encrypted management strategy.

How it Works

The diagram below demonstrates how the Blue Coat and ManagedMethods solutions work together to provide complete visibility and control of SSL/TLS traffic and cloud applications.

1. The Cloud Access Monitor receives the decrypted network traffic stream directly from the Blue Coat SSL Visibility Appliance via a SPAN port based on established policies. These encrypted and decrypted traffic policies utilize Blue Coat's Global Intelligence Network – a collaborative, interactive database of security threats, web sites and traffic categories.

Managed Methods

Partner: ManagedMethods
Partner Product: Cloud Access Monitor
Blue Coat Product: SSL Visibility Appliance
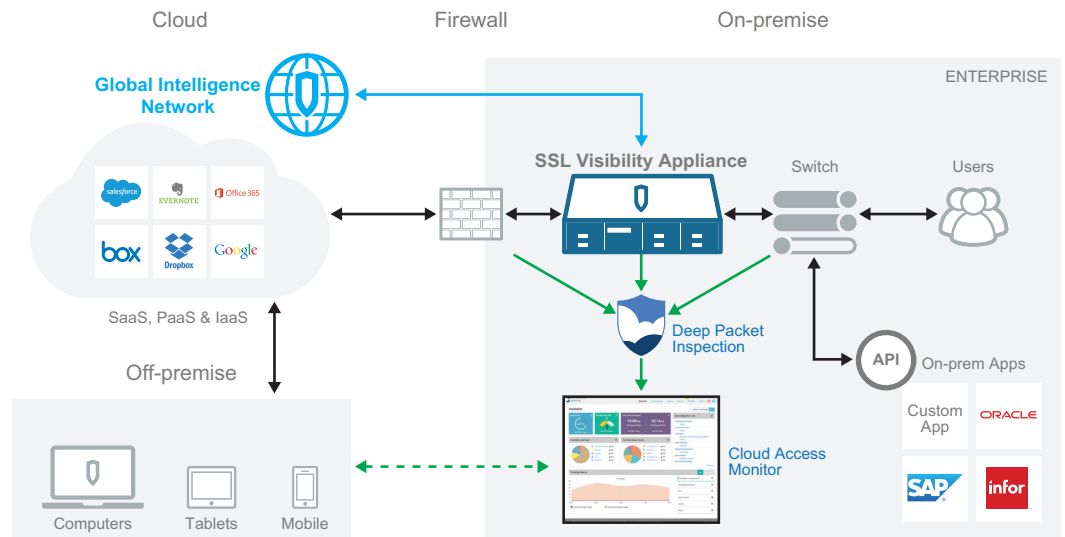
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2. Cloud Access Monitor analyzes the traffic and reconstructs cloud usage from the network.

3. Analyzed data is stored in a relational database for offline analysis and archival.

4. All traffic to the cloud is quantified and categorized so that SaaS, PaaS, and IaaS usage is presented for study in an intelligent, manageable manner.

5. Additionally, network traffic is analyzed and inspected for risk violations involving PII, HIPAA, PCI, SOX, FISMA and other enterprise specific data patterns.

Benefits

By combining the SSL Visibility Appliance and the Cloud Access Monitor, enterprises obtain a powerful, yet, simple-to-use solution to solve a multitude of problems facing today's IT security teams.

• Remove risks arising from lack of visibility and control of SSL/TLS traffic and "Shadow IT" cloud-based applications

• Determine if unsanctioned cloud usage is putting your organization at risk

• Take action to prevent unsanctioned cloud usage

• Monitor cloud access to identify sensitive data leaving the organization

• Generate cloud usage reports to support your compliance requirements

• Create and enforce policies to ensure data privacy on cloud application usage and SSL/TLS traffic.

Cloud Access Monitor

Cloud   Firewall   On-premise

Global Intelligence Network

ENTERPRISE

SSL Visibility Appliance   Switch   Users

salesforce   EVERNOTE   Office 365
box   Dropbox   Google

SaaS, PaaS & IaaS

Deep Packet Inspection

Off-premise

API   On-prem Apps

Cloud Access Monitor

Custom App   ORACLE
SAP   infor

Computers   Tablets   Mobile

About ManagedMethods

ManagedMethods' mission is to provide customers with an easy to use, efficient and effective cloud security solution. We believe in the basics. You cannot secure what you do not know exists. Shadow IT is a real problem, but it does not need to be. With our products, companies can easily discover, monitor and control the use of cloud applications (SaaS) and reduce their cloud risk.

Founded in 2013 by industry veterans of the enterprise security and performance software markets, ManagedMethods' products focus on the growing use of cloud applications and services that are at the core of today's mission critical business functions.

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