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REPLACE MICROSOFT THREAT MANAGEMENT GATEWAY WITH PROXYSG

With the announcement by Microsoft to discontinue development of the Forefront Threat Management Gateway (TMG), many organizations are scrambling to find a replacement.

Blue Coat has the Answer

For organizations that rely on TMG for web proxy services, Blue Coat's market-leading ProxySG is the ideal replacement. Like TMG, it can be deployed as a reverse-proxy in front of web applications, or as a forward-proxy to protect users browsing the web. In both deployments, it meets and exceeds TMG proxy capabilities in every category – security, performance, reporting, Microsoft infrastructure integration, and more. More than 85% of Fortune 500 organizations choose ProxySG to protect web users and applications. In addition, ProxySG has consistently achieved market leadership recognition by top-tier analyst research, including being positioned in the Leaders Quadrant of the Gartner Magic Quadrant for Secure Web Gateway 2013. If you are looking to replace your TMG proxy, there is no better choice than the Blue Coat ProxySG.

Secure Your Web Users

ProxySG can be deployed in forward proxy or “Secure Web Gateway” mode to protect users as they browse the web. No solution, including Microsoft TMG, matches ProxySG's comprehensive forward proxy feature set including:

- URL filtering to block malicious sites and inappropriate content
- Granular policy controls (YouTube categories, protocol method controls, etc.)
- Real-time content ratings / dynamic categorization
- Malware scanning (with Content Analysis System)
- Web 2.0 (e.g. social media, etc.) application controls
- Flexible user authentication options for identity-based policy
- SSL visibility
- Content caching

- Streaming media acceleration (live video stream-splitting, on-demand video caching, etc.)
- Enterprise-class reporting (with on-premise Reporter or cloud reporting)
- Hybrid on-premise/cloud deployment option with unified management
- Comprehensive access logging options (e.g. policy-based logging)
- Bandwidth management

In addition, ProxySG is dynamically updated by the Blue Coat Global Intelligence Network – aggregated threat intelligence from over 15,000 customers and 75 million users around the world. This real-time update ensures all users are protected from the latest threats. There is no doubt that the transition from TMG to ProxySG will deliver superior security for your users.

Secure Your Web Applications

ProxySG can be deployed in reverse proxy mode to secure Internet facing web applications such as SharePoint, Outlook Web Access, or any other web application. Reverse-proxy features include:

- User authentication
- Web application single sign-on
- SSL offload
- Geo-IP based access control
- Content caching
- Web application attack protections (DOS, SQL Injection, XSS, null-byte injection, invalid multipart form content, HTTP parameter pollution, multiple encoding, etc.).
- Malware scanning of uploaded files
- Comprehensive access logging options (e.g. policy-based logging)



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Key Feature Comparison

FEATURE	BLUE COAT	TMG
Forward and Reverse Proxy	Yes	Yes
URL Filtering	Yes	Basic
YouTube Category Support	Yes	No
Dynamic Categorization	Yes	No
Web 2.0 Application Controls	Yes	No
Global Intelligence Network	Yes	No
Malware Scanning	Yes (Choice of vendor)	Yes (No choice)
Logging and Reporting	Yes (Enterprise Class)	Basic
Full Microsoft Auth. Support	Yes	Yes
SSL Visibility	Yes	Yes
Content Caching	Yes (Dynamic, Cache Plulse)	Basic
Streaming Media Acceleration	Yes	No
Web App. Single Sign-On	Yes	Yes
Web App. SSL Offload	Yes	Basic
Web App. Geo IP Access Control	Yes	No
Web App. Attack Defense	Yes	No

Strong Microsoft Authentication Integration

ProxySG integrates seamlessly with the widest range of authentication technologies, including all those commonly found in TMG environments including Integrated Windows Authentication (Kerberos, NTLM, Basic), Kerberos Constrained Delegation, SAML 2.0, and Windows SSO. Other supported authentication technologies include Radius (incl. OTP like RSA SecureID), LDAP, CoreID, SiteMinder, X.509 certificates, Novell SSO, XML, policy substitution and realm sequences.

Malware Scanning

In addition to blocking known malicious websites, ProxySG scans files for known malware through integration with the Blue Coat Content Analysis System – a network-based anti-malware and file whitelisting appliance. ProxySG intercepts files sent from the web and forwards them to the Content Analysis System. To maximize performance, the Content Analysis System first applies whitelisting technology to avoid unnecessary analysis of “known-good” files. Remaining files are then analyzed by single or dual anti-malware engines from a selection of Blue Coat partners to block “known-bad” malware before it can reach

the endpoints. Supported anti-malware vendors are Kaspersky Lab, McAfee, and Sophos. Unknown files can be automatically forwarded to the Blue Coat Malware Analysis Appliance or other sandboxing solutions for behavior-based analysis.

Content Analysis System Benefits

Blocks malware downloads to users from malicious or infected websites.

Blocks malware uploads to web applications (e.g. SharePoint, mobile apps, etc.)

Extends malware coverage to unmanaged laptops and mobile devices

Compensates for out-of-date endpoint signature databases and misconfigurations

Increases malware coverage by 12% versus endpoint scanning alone

Advanced Threat Protection Lifecycle Defense

By protecting against known malicious websites and known malware, the ProxySG and Content Analysis System serve as the foundation for Blue Coat’s Advanced Threat Protection Lifecycle Defense – an integrated malware defense framework that combines the key technologies needed to address today’s complex threat environment. This known threat foundation can be extended to gain visibility into encrypted traffic, analyze unknown threats and accelerate incident response using the Blue Coat SSL Visibility Appliance, Malware Analysis Appliance and Security Analytics Platform. To learn more, visit www.bluecoat.com/advanced-threat-protection-solution.

Accelerate Networks and Applications

ProxySG incorporates a host of unique web and non-web proxy capabilities to accelerate networks and applications. Just a few examples are provided below.

- **Web Acceleration** – HTTP and HTTPS forward proxy caching reduces latency and network bandwidth consumption for user web browsing. HTTPS reverse proxy caching improves user experience and reduces server loads for web applications.



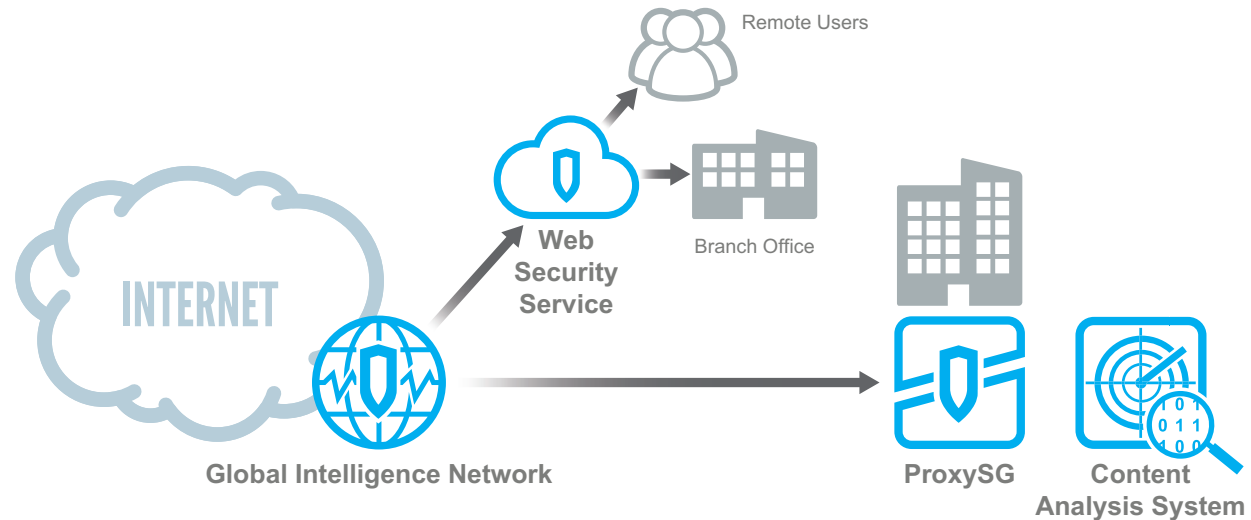
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- **Cache Pulse** – An automated cache database update service delivers optimal bandwidth reduction for popular, high-bandwidth web destinations such as Microsoft Windows Update, Netflix, and YouTube.
- **Dynamic Web Content Caching** – Unlike alternatives, ProxySG accelerates content from dynamically generated URLs. For example, content from URLs that include user identifiers (e.g. YouTube) can be cached.
- **Streaming Media Acceleration and Control** – Multiple streaming media proxies deliver a variety of acceleration capabilities such as live video splitting, on-demand video caching, content pre-population, and multicasting. Streaming media proxies also offer control and visibility capabilities such as authentication, bandwidth limiting, access logging, and user connection limits. Supported streaming media technologies include Microsoft Windows Media (including Windows Smooth), Adobe Flash (RTMP) and HTTP Dynamic Streaming (HDS), Apple QuickTime and HTTP Live Streaming (HLS), and RealNetworks RealPlayer.

- **File Sharing Acceleration and Control** – A CIFS proxy accelerates WAN file sharing performance with network file caching. Access logging is also supported.
- **Microsoft Outlook Acceleration** – Endpoint Mapper and MAPI proxies accelerate Microsoft Outlook email performance over the WAN with byte caching, compression, protocol optimizations, and upload/download optimizations.

Flexible Deployment

ProxySG can be deployed as a purpose-built hardware appliance or as a virtual appliance running on standard hardware. A wide range of hardware appliance sizes are available to meet needs ranging from large headquarters office, to remote office, to small business. In addition, the Blue Coat Web Security Service makes ProxySG capabilities quickly and easily available from the cloud – without any need to maintain on-premise appliances or software. Even hybrid on-premise/cloud deployment with unified management is supported. No matter how complex or simple your deployment challenge, Blue Coat has a solution.



Blue Coat Systems Inc.
www.bluecoat.com

Corporate Headquarters
Sunnyvale, CA
+1.408.220.2200

EMEA Headquarters
Hampshire, UK
+44.1252.554600

APAC Headquarters
Singapore
+65.6826.7000