

Cyberoam UTM's Outbound Spam Protection for Service Providers

Protects service providers against outbound spam -
a major concern that costs their business



Cyberoam UTM's Outbound Spam Protection solution safeguards against outbound spam originating in the networks of service providers viz. Internet Service Providers (ISPs), web hosting companies, SaaS email providers, free email service providers and on-site email managed service providers. Although inbound spam is a serious and perennial problem, Outgoing Spam is becoming a more rapidly growing problem, primarily for service providers who act as the unwilling hosts of this content.

Consequences of Outbound Spam

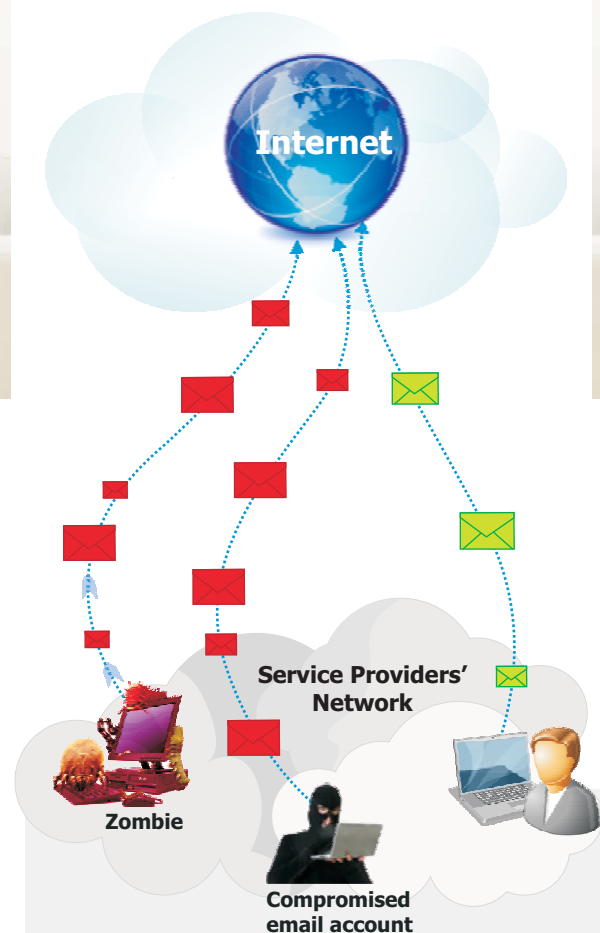
- **Higher costs of doing business and waste of operations/ IT time**
 - Higher network traffic
 - Time of IT helpdesk team and Anti-abuse team
 - 68% of service providers spend up to \$100,000 in both direct and indirect costs associated with outbound spam*
 - 4% of service providers spend more than \$250,000 annually on outbound spam-related expenses*
- **Damage of corporate reputation**
 - Hosting zombies or blocking legitimate outbound email
- **Inability to meet SLAs**
 - Penalty or cancellation of contracts, risk of losing customers
- **Blacklisted IP addresses**
 - Customers' legitimate network traffic may get blocked by other service providers
 - Almost 40 percent of service providers responded that outbound spam leads to having their IP addresses blacklisted*
- **Dissatisfied customers**

Current approaches to mitigate Outbound Spam are ineffective

Current methods of blocking outbound spam include the use of standard inbound spam technologies in reverse, blocking port 25 or entire IP ranges and manual handling by the abuse team through in-house temporary-fix solutions. These approaches deal with the symptoms instead of the root cause and are unable to identify the spammer source.

ISPs

Email and web hosting Service Providers
Free Email Service Provider
SaaS service providers



Sources of Outbound Spam

- **Individual Computers that act as Zombies, residing on the service provider's network**
 - 86% service providers are battling against Zombies in their network*
 - 11.2% of user accounts of a service provider are part of Botnet*
- **Compromised Email accounts**
 - 12.6% of their user's credentials stolen for sending outbound spam*
- **Malicious use of Email accounts (created for sending unwanted content)**

* From Osterman research survey report on 'The Growing Problem of Outbound Spam'

Cyberoam's Outbound Spam Protection

Cyberoam's Outbound Spam protection protects Service Providers against Outbound Spam and is available as a subscription over its Unified Threat Management (UTM) appliances.

- **Scanning with Recurrent Pattern Detection (RPD™) technology**

- Offers real-time classification for fast detection and blocking of outbound spam
- Content-Agnostic technology
 - Multi-language security against all types of spam viz pdf, excel, mp3

- **Detection of locally generated Outbound Spam**

- Spotlight on regional email traffic
 - Ability to detect local patterns with smaller amounts of email traffic as they occur
- Local RPD™ optimized to reduce false positives when analyzing low volume patterns
- Pattern samples are sent to Detection Center for further analysis

- **Detection of Outbound Spam that is a part of a global outbreak**

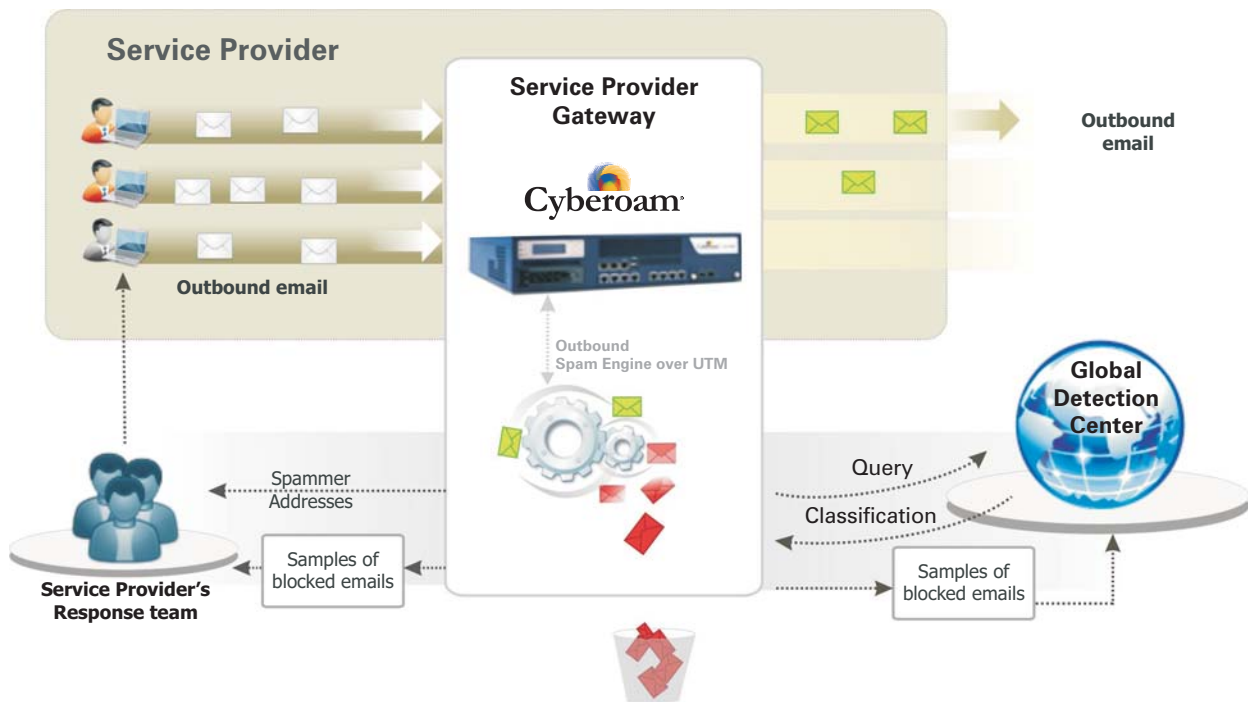
- **Identification of spammer**

- Email address of spammer
- Samples of blocked email are sent for further analysis
- Helps identify the spammer source to deal with the root cause



Cyberoam UTM Features

- Firewall
- VPN
- Intrusion Prevention System
- Anti-Virus & Anti-Spyware
- Anti-Spam
- Outbound Spam Protection
- Web Filtering
- Bandwidth Management
- Application Visibility and Control
- Support for 3G / WiMAX Connectivity
- IM Archiving & Controls
- Multiple Link Management
- On-Appliance Reporting
- IPv6 Ready
- Wi-Fi Security (Over Wi-Fi Appliance)



Cyberoam Awards & Certifications



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