

Time For More **Security** In Your PCs



Digvijaysinh Chudasama

Threats over email like spam, phishing, viruses, worms, are released in the billions within a short span of time. Today's attackers launch threats for financial gain rather than out of malicious intent. They mask the originator and launch the attack using a network of zombie machines. With Zombie botnets carrying the ability to send up to one billion spam messages within a few hours, the spread of attack is rapid. The Anti-spam solution has to be such which can filter all types of spam mails, irrespective of the spam content and format, including image spam with least amount of false positives. Cyberoam is one of the identity-based Unified Threat Management (UTM) solutions from Elitecore Technologies Ltd., which provides dependable network protection to over 1500 Corporates, government organizations and educational institutions globally. In a conversation with IT PRICE VAR, Vice President-Sales, Cyberoam, Digvijaysinh Chudasama gave some solution to the same problem.

With a dominance of Internet across all the sectors of business and the significance growth of industries, enterprise dependency on Internet turns into Internet threats. There has been a significant increase in the number of blended threats that attack through multiple protocols like Slammer, besides the rise in the volume of Spam Mails, Malware, Key loggers and Zero Day Attacks. The threats are not only external but internal as well.

Around 50 percent of Internet threats arise from the internal users by their constant ignorance, malicious intent that is leading to increase vulnerability. For more than two decades, firewall technology has aided the corporate sector's need to protect information assets from Internet threats.

The Anti-Spam solution has to be such which can filter all types of Spam mails, irrespective of the Spam content and format, including image spam with least amount of false positives. However, with ever emerging blended threats and zero hour attacks on the rise, organizations are struggling to secure their networks completely. Even with multiple security solutions like Firewall, Anti-virus, Anti-Spam and more, a single weak link in

security can compromise an entire security implementation.

Organizations therefore need a unified approach that protects their network and business users from blended attacks and technology misuse while decreasing operational costs and supporting business flexibility.

Chudasama said, "For the resolution of such threats various security solutions have come into the market. Security solutions

are those, which provides complete Internet security against all the emerging Internet threats - be it external or internal. As a product, Cyberoam is unique among UTM appliances worldwide with its identity-based security, which links user identity to security right from authentication to policy setting, controls and reporting."

Cyberoam is a identity-based UTM appliance worldwide and offers the

complete security feature set over a single platform:

- ▶▶ Firewall
- ▶▶ Intrusion Detection and Prevention (IDP)
- ▶▶ Virtual Private Network (VPN)
- ▶▶ Content filtering
- ▶▶ Anti-Virus
- ▶▶ Anti-Spam
- ▶▶ Bandwidth Management

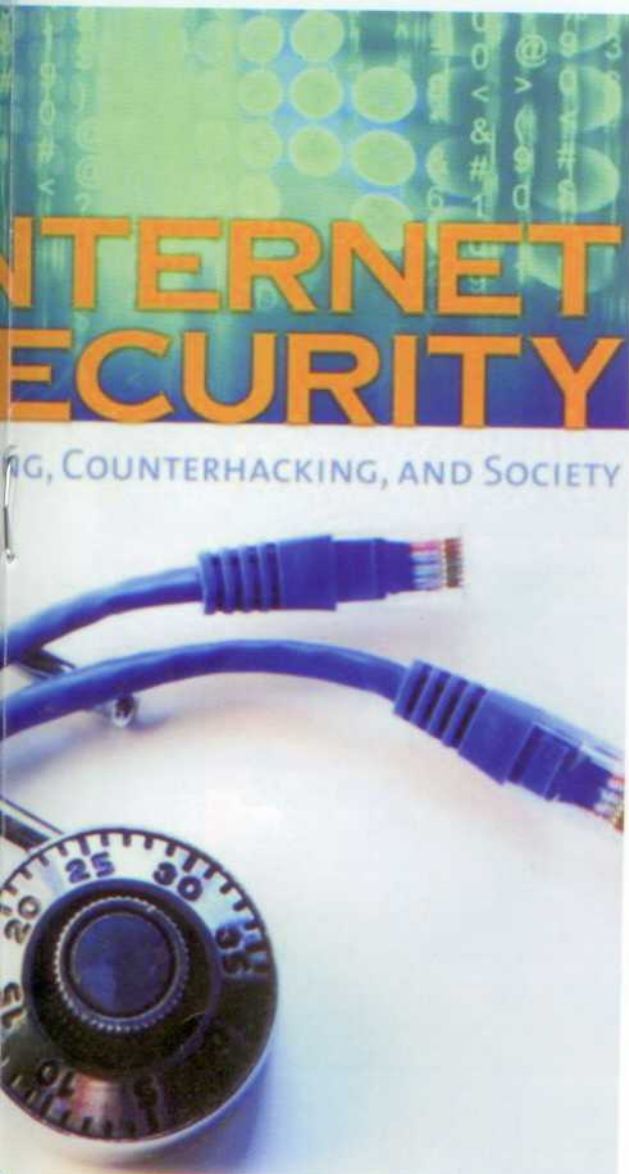


- » Multiple Link Management
- » On-Appliance Reporting

Cyberoam enables policy creation and control over all the security features within a single firewall screen, unlike other UTMs where the administrator has to move to individual feature screens to set up a complete policy. The single screen approach enables easy configuration, troubleshooting and offers a unified view, giving a complete overview of activity. Its unique user identity-based approach, offers an unprecedented degree of control, flexibility and ease of management that make a unified solution highly effective.

Cyberoam appliances - CR50i, CR100i, CR250i, CR500i, CR1000i and CR1500i, suit the requirements of small to large enterprises from 50 to 1500 users. The Cyberoam UTM appliances are installed at over 1500 corporates, educational institutions and government organizations.

As SMBs have limited security budget that



limits investment into multiple standalone security products, the demand for integrated Internet security solutions like UTM is increasing. Also, the standalone products require complex management leading to additional investment in technical staff to operate multiple-standalone products. Inconvenience of dealing with multiple Annual Maintenance Contracts, multiple patches, upgrades, multiple reports and subscription services of standalone security products adds to the complexity.

"Cyberoam which is a unique next generation identity based UTM appliance facilitates recognition of user identity and enables control over the user directly rather than over IP addresses, ensuring high security even in DHCP and Wi-Fi environments. By enabling identity-based controls, it supports high business flexibility as well as security," he added.

Cyberoam links user identity to security right from authentication to policy setting, controls and reporting. It provides Intrusion Detection and Prevention (IDP) Virtual Private Network (VPN); Content filtering, Anti-Virus, Anti-Spam Bandwidth Management. Multiple Link Management and On-Appliance Reporting. The price of Cyberoam Appliance ranges from 1.2 Lac to 17.6 Lac, inclusive of one-year subscription services.

Chudasama explained, "Cyberoam's granular policies use sender or recipient name, IP address, mime header and message size as their scanning parameters. This ensures that policies are fine tuned as per business and compliance needs. Cyberoam supports the full protocol spectrum, which consists of SMTP, POP3 and IMAP, offering comprehensive protection."

The state-of-the-Art Threat Detection and Mitigation responds quickly to zero hour Internet threats, through new updates in an automated manner. A Strong Endpoint protects the PCs, servers, and other network endpoints.

"Cyberoam's OEM partnership with Commtouch Software Ltd delivers zero-hour Spam protection in addition to image Spam defense through Recurrent Pattern Detection (RPD) technology. It is based on the identification and classification of message patterns and delivers the industry's highest and best Spam and threat detection capabilities, providing protection against all types of email-borne threats. Cyberoam offers real-time black lists too", added Chudasama.

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