Cyberoam Coupled with NetGenie Provide Complete Protection to the CWSK Network

Cyberoam®

The CWSK Challenge

"We use Internet for varied tasks like work-related and general browsing, corporate and personal emails, keeping softwares updated, etc.", said Mr. Geofrey Yegon, ICT Officer at CWSK. Like most organizations, Internet played a major role in their day-to-day activities and Geofrey wanted to make sure that they had a safe and secure Internet connection. The issues with network security that he identified were:

Network Vulnerable to Malicious Intrusions

"We noticed that the mails we received were tampered with. We suspected that our mail traffic was intruded upon and wanted to discourage such perpetrators!" Geofrey said. The CWSK network was vulnerable to common network attacks like DoS, DDoS, IP Spoofing, etc. Geofrey wished to safeguard the entire network from these threats.

Deluge of Spam

"In addition to our mails being tampered with, our network was flooded with Spam mails. Close to 30% of the incoming mail traffic was Spam", Geofrey said, expressing his exasperation over the constant Spam problem in their network. The flow of Spam throughout the network ate away precious bandwidth affecting network speed and availability, and also caused unnecessary trouble among users.

Malware Menace

The CWSK network required protection against virus, root-kit, worm, Trojan and spyware infections. Lack of sophisticated network security solutions made the network as exposed to malware as a flower-bed is to bees. These malware attacks which often took a blended form through email attachments, PDF, Word documents etc. had the potential to corrupt useful files and destroy important data.

The Cyberoam Solution

After scrutinizing the market for a suitable network security solution, Geofrey decided to put his trust in Cyberoam. They purchased One (1) CR 25ia and deployed it at their Head Office in Nairobi in Bridge Mode. For their Children's Home in South C, Nairobi, they purchased One (1) NetGenie HOME Appliance. NetGenie is an Internet security solution belonging to the Cyberoam family, which ensures threat-free Internet access for Home and SOHO users. For more details, visit www.netgenie.net. After deployment of the Cyberoam and NetGenie appliances, the following benefits are noticed.

Corporate Profile

Child Welfare Society of Kenya (CWSK) is an approved and gazetted society established in 1950. In 1969 CWSK became the national adoption society of Kenya, and was in the same year approved and gazetted.

CWSK supplements the line Ministries efforts in protecting and promoting children's rights in Kenya with its main focus on the welfare, protection, survival, care and development of children and young persons. CWSK emphasizes and prioritizes family and community as the focal point of every child and, therefore tailors various programmes towards achieving this. These programmes focus on protection of children in emergencies through: Emergency preparedness, rapid response, and rescue of separated children; Advocacy; HIV/AIDS; Child adoption; Foster care for orphans and other vulnerable children; Child labour; Street children, Ten places of safety (rescue shelters); Vocational skills training; Child rights and community empowerment; Early childhood education; Primary, secondary and university education sponsorship, and such other opportunities. The organization carries out its programmes through a network of 61 sites across the country. CWSK is also a member of the international Social Services, the global professional body of social workers, which has a membership of 150 countries.

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Mr. Geofrey Yegon
ICT Officer
CWSK

No-Entry for Strangers

Cyberoam's ICSA and Checkmark - dual certified stateful inspection firewall now fortifies the CWSK network and guards its servers against any unauthorized access. It makes sure that no "strangers" are allowed to sniff through their private data. It detects intruders, blocks them from entering the company's computer network, records information, and notifies the system administrator about the source of the attempted break-in. In other words, Cyberoam keeps hackers at bay.

Spam and Malware Corked at Gateway

Cyberoam's Gateway Antivirus and Antispyware features screen all web and mail traffic, and make sure that no malware or spyware creeps through the edge. Additionally, the Antivirus blocks attachments for specified file types such as executables, media files, PDF, zipped files etc. before these blended threats can harm the network.

Recurrent Pattern Detection (RPD) powered signature-less Antispam technology works instantly on deployment, with the least human intervention and is language independent. It blocks spam in any language regardless of the content, e.g. image, audio, video or zip-based spam. The Antispam feature is also equipped with Virus Outbreak Detection. This protects the organization against any zero day attack.

"Thanks to Cyberoam, we are safeguarded on the Malware and Spam front. The Spam has actually come down to a negligible count", Geofrey said.

User-friendly GUI

"The GUI on both Cyberoam and NetGenie are very user-friendly. It is amazing to see how both products perform such extensive tasks on the background while being so simple and easily-understood on the surface. Unlike other products, I can easily find my way in them", Geofrey said.

Cyberoam's state-of-the-art GUI leverages Web 2.0 technology to minimize security errors and simplify navigation. It is aimed at removing the clutter from managing Unified Threat Management (UTM) appliances. Feature inputs include accordion menus and tabs, easy access top panel, static status bar, unsubscribed modules visibility, direct appliance actions for reboot and shutdown, Web 2.0 pop-ups and the use of TAB and SPACE keys for easy and effective navigation.

NetGenie harnesses similar technology and provides ease of access to users. It gives the flexibility of being accessed over any of your Internet-access devices like iPad, iPhone, laptop, desktop and more, within the network.
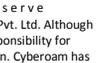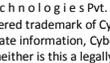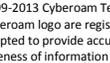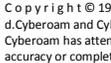
Comprehensive Reporting

"On-Appliance Comprehensive Reporting is one of Cyberoam's most appealing features," Geofrey said. The reporting module includes features like Traffic Discovery, Internet Bandwidth Usage Monitors, Top Accessed Categories and Google Search Reports, which enhances the visibility of a user's online behaviour. To top it all, this feature comes at no additional cost.

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To Conclude

"Cyberoam and NetGenie together have provided a complete security package. We are very pleased with their performance", Geofrey said.

Cyberoam®
Securing You