Organization
Dar Al-Hekma College

Country
Saudi Arabia, Middle East

Industry/ Vertical
Education

We are an educational institute and Internet is our most critical resource

- Mr. Shahzeb Asif
Network Administrator
Dar Al-Hekma College

Leading Institute in Saudi Arabia Chooses Cyberoam to Replace Microsoft TMG and NetScreen

About Dar Al-Hekma College

Dar Al-Hekma College, located in Jeddah, Kingdom of Saudi Arabia, is the pioneering project of the Al-Ilm Foundation. It was established in 1999 with the objective of providing state of the art higher educational facilities and services through academic institutions such as colleges and universities in the Kingdom of Saudi Arabia. Dar Al-Hekma College is a premier non-profit institution of higher education for women and a leading model of teaching and learning institution, nationally and internationally.

Dar Al-Hekma College currently offers four year bachelor's degree programs in six majors with up to 142 credit hours and a liberal arts component comprising of a variety of general education courses. The academic programs at the College were developed by the Texas International Education Consortium (TIEC), Austin, Texas as part of the larger contract to design the complete blue print for the various divisions of the College. It is duly approved by the Ministry of Higher Education of the Kingdom of Saudi Arabia for the degree programs of the College. The standard used for developing the curriculum closely follows the requirements of the Middle States Association in the United States, which further facilitates international accreditation.

The Dar Al-Hekma Challenge

"We are an educational institute and Internet is our most critical resource", said Mr. Shahzeb Asif, Network Administrator at Dar Al-Hekma College. Internet does not only form a part of their curriculum, but the College also provides Internet access to the students for other purposes. Furthermore, they host a high-traffic website which demands continuous Internet connectivity. However, Mr. Asif faced the following issues regarding network security.

Handling Multiple Network Security Solutions

Mr. Asif used both Microsoft TMG and Netscreen security solutions in the College's network. "Managing both solutions simultaneously was a major issue", he said. He wanted a single device that could fulfil all his security expectations as well as provide ease and flexibility of management.

Torrents of Spam

Dar Al-Hekma used to receive a whopping 40% of mails as Spam! Choked bandwidth and groaning students and staff, treading through their inboxes and struggling to differentiate legitimate mails from junk ones, were an everyday-sight. The Spam brought with it a host of malware that caused havoc in the entire network.

The Cyberoam Solution

After analysing several integrated Internet security solutions, Mr. Asif triangulated on Cyberoam. They bought Two (2) CR750ia-1F Appliances and deployed them in High Availability at their Data Center.

Mr. Asif could replace both their Microsoft TMG and Netscreen firewall with a single Cyberoam appliance

After Cyberoam deployment, the following benefits were noticed.

Cyberoam - A Conglomerate of all Security Solutions

Mr. Asif could replace both their Microsoft TMG and Netscreen firewall with a single Cyberoam appliance. In addition to firewalling the network perimeter, Cyberoam provides a myriad of other features like Web Filtering, Application Filtering, VPN, IPS, Anti Virus, Anti Spam, Multi-link Load Balancing, QoS, Web Application Firewall, and many more; all in One Single, Easy-to-Manage Box.

Network Perimeter Secured

Cyberoam's Checkmark and ICSA dual certified Firewall safeguards Dar Al-Hekma's network against intruders like an ever-attentive watchdog. Users are given controlled access to network and internet resources, ensuring that no security loopholes are left open.

With a comprehensive database of 4000+ signatures, Cyberoam's Intrusion Prevention System offers a second line of defence against intrusion attempts like DoS attacks, spyware attacks, spoofing, keyloggers, Trojans and more. "Cyberoam's IPS proves to be quite a life-saver. Students surfing the Net and downloading applications randomly tend to open the network up to varied threats. With Cyberoam in place, we know our back is covered", said Mr. Asif.

Cyberoam has saved us from the impending threat of Spam

Spam Brushed Off at Gateway

"Cyberoam has saved us from the impending threat of Spam", said Mr. Asif. Cyberoam's Gateway Anti-Spam, with a spam catch rate of 98%, checks all inbound and outbound mails for email spam, drastically reducing bandwidth and resource consumption. Recurrent Pattern Detection (RPD) powered signature-less anti spam 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 anti spam feature is also equipped with Virus Outbreak Detection. This protects the organization against any zero day attack.

Business Continuity Preserved

As the institute has three ISP links, Cyberoam's Automatic Link Failover is used to handle both links effectively. In case if any of the links fail, Cyberoam automatically switches the traffic to any working link, without manual intervention. So the organization gets 100% Internet uptime without any human intervention whatsoever.

Cyberoam allows me to effectively manage the entire network from a single place, without hassles

To Conclude

"Cyberoam allows me to effectively manage the entire network from a single place, without hassles", said Mr. Asif.

Toll Free Numbers

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