CASE STUDY

An International Service Provider Secures Customer Sites Globally from a Single Instance of Infoblox Advanced DNS Protection

Customer: A leading international Internet and telecommunications services provider

Location: Middle East

Challenges:

- Provide a secure, highly available DNS architecture
- Support self-service portal development for customer DNS records
- Mitigate large DDoS attacks with analytics and centralized management

Solutions:

- Infoblox Advanced DNS Protection platform
- 2 virtual and one physical Infoblox appliances, plus 1 reporting appliance
- Built-in security rules
- Centralized management

Results:

- All-in-one secure DNS platform
- Real-time analytics on DNS traffic, integrated with DNS management

The Customer

The customer is a leading international Internet and telecommunications services provider based in Israel whose offerings include telephony, Internet, IT and cloud computing services, website and server hosting, data communications, information security, and more.

The Challenge

The Infoblox relationship with this company started three years ago when we delivered a DNS solution for a cloud initiative. Seven months ago, they approached us again to talk about helping with a DNS self-service portal for their customers, and about DNS security for their global customer base. The political situation in the Middle East makes the company especially likely to be the target of hacking attacks, which happen daily. Arbor Networks software was blocking much but not all of the attack traffic, but the company wanted more complete protection against stealth attacks and volumetric threats. They decided to keep Arbor, and ask Infoblox for a solution that could coexist with it and stop the attacks that it couldn't.

The Infoblox Solution

The IT team evaluated Infoblox and purchased Infoblox Advanced DNS protection, which continuously monitors, detects, and drops all types of DNS attacks. Advanced DNS Protection uses Infoblox Threat Adapt™ technology to automatically update protection against new and evolving threats. Threat Adapt utilizes the latest threat intelligence and adjusts protection to reflect changes in DNS configurations and threat types. Hardened appliances with next-generation programmable processors provide dedicated compute for threat mitigation.

The Results

Now the service provider and its customers enjoy the most comprehensive DNS protection available. Advanced DNS Protection's global visibility will help network administrators stay on top of attack types and patterns, and tunable traffic thresholds make it possible for them to fine-tune protection parameters to meet each customer's unique traffic profiles.

Infoblox enables next-level network experiences with its Secure Cloud-Managed Network Services. As the pioneer in providing the world's most reliable, secure and automated networks, we are relentless in our pursuit of network simplicity. Infoblox has over 8,000 customers, including 350 of the Fortune 500, and is recognized as the industry leader in the DDI networking market.

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