

EfficientIP Announces its new DNS Security Solution, DNS Guardian Adding key Innovations and a Brand new Approach to Protect Businesses from DNS Attacks

First Solution to Ensure 100% DNS Cache Function Availability under attack
Detect – Protect - Remediate

West Chester, Pennsylvania – February 10 2015 : EfficientIP, a leading developer and provider of DDI solutions (DNS, DHCP services, and IP address management), today announced a new unique security feature for mitigating DNS attacks. The objective of this patent-pending innovation is to ensure DNS service availability even while under attack and guarantee data integrity.

Detect, Protect and Remediate for Smarter DNS Security.

For years, IT professionals have installed security solutions in an effort to block illegitimate traffic during an attack. Unfortunately, the DNS protocol is connectionless, and it is very difficult for existing filtering DNS solutions to accurately differentiate legitimate versus non-legitimate traffic. This method often leads to legitimate traffic being blocked, and it is generally useless against insidious attacks. Looking at the recent DNS attacks on Rackspace and DNSimple last December, it is clear that a breaking new approach had to emerge to efficiently mitigate DNS threats.

In 2014, EfficientIP released several award-winning innovations such as Hybrid DNS Engine, DNS Blast and DNS Cloud to mitigate zero-day vulnerabilities and absorb DDoS attacks. EfficientIP reinforces once again its security offerings with a new solution, DNS Guardian, offering several key innovations to detect, protect and remediate DNS attacks.

First, DNS Guardian benefits from an architecture innovation that separates the 2 DNS functions (Cache and Recursive) to dramatically strengthen and improve the security framework. When one function is targeted by an attack, each function is protected separately avoiding side effects and continuing to provide service.

Second, DNS Guardian is the only solution that offers real-time analysis of the DNS cache-recursive transactions enabling customers to detect specific DNS attack signatures such as DNS tunnelling, Phantom or Sloth domain attack, protect the service by applying the appropriate counter-measures, and remediate the attack by identifying its source.

Third, the Rescue Mode counter-measure, based on DNS Guardian's intelligence, mitigates volumetric or slow and insidious attacks on recursive and cache functions. This innovation is an unequalled security feature that ensures 100% availability of the cache service even under the most insidious DoS attack on the recursive function. EfficientIP's DNS Guardian innovation is the only solution that will ensure answers to legitimate traffic to support the business.

"Innovation is our DNA with the objective to offer the best solution to our customers," said David Williamson, CEO at EfficientIP. With more and more companies relying on a continuous online presence to operate effectively, DNS server security is essential. We knew it was time to look for a new way to secure DNS servers and ensure availability of the service and data integrity to the business. The old techniques that have been used for years didn't protect efficiently and sometimes were very risky to use. We started again from a white page to discover a new approach as the business objective is not to only block traffic but instead to be sure that legitimate traffic will always be answered. We believe it is the right way to mitigate DNS attacks."

For further information on EfficientIP's DNS Guardian please visit www.efficientip.com

ABOUT EFFICIENTIP

EfficientIP, one of the fastest growing DDI vendors provides solutions to address organizations' needs to drive business efficiency through network services availability, security and performance. EfficientIP customers can ensure that their network infrastructure truly supports the business imperatives, ranging from business continuity and availability to reduce time-to-market for new products, services, and locations. Its unified management framework for DNS, DHCP & IPAM devices and network configurations enhances security, availability, and agility of the networks infrastructure. Customers worldwide across industries rely on EfficientIP offerings to enable policies to be applied and business processes to be automated that reduce operating costs and increase management efficiency. EfficientIP's offerings are complemented by technologies and services from global business partners. For further information, please visit: www.efficientip.com

EUROPE

EfficientIP SAS
4 rue de l'abreuvoir
92400 Courbevoie-France
+33 1 75 84 88 98

USA

EfficientIP Inc.
14 West Chesnut, Street
West Chester, PA 19380 USA
+1 888.228.4655