



## **CloudShield Helps Mitigate DDoS Attacks at EveryDNS**

*Impact on DNS customers solved within minutes of CloudShield installation*

**Sunnyvale, CA – December 6, 2006** – CloudShield Technologies, Inc., a leading provider of IP services control and security solutions, has helped stop a major distributed denial-of-service (DDoS) attack aimed at EveryDNS, an organization that offers free authoritative Domain Name System (DNS) services to the public with over 100,000 domains hosted today.

EveryDNS first noticed the behavior, which knocked the site offline and affected more than 100,000 customers, on Friday. With the help of DNS experts, including Richard Steenbergen of nLayer Communications, EveryDNS was able to completely stop the attack by Saturday, but the activity resumed on Tuesday. At that time, EveryDNS contacted CloudShield, who responded immediately to help mitigate the attacks on the EveryDNS infrastructure. Cloudshield was able to deliver and install an effective working solution within a few hours. The attacks that began Friday had changed and needed deep packet inspection (DPI) capabilities to accurately identify and classify the attack versus valid DNS queries. Cloudshield was able to mitigate the attacks within minutes of installation.

The other key piece to solving the problem was provided by nLayer Communications, a leading provider of wholesale high-performance Internet capacity, operating an advanced IP/MPLS network spanning North America. nLayer Communications responded to the Denial of Service attack against EveryDNS and quickly filled the company's regular Internet circuits, by donating a gigabit/sec of network capacity.

“We were able to leverage our patented techniques in selective DNS mitigation to protect the infrastructure at EveryDNS,” said Peder Jungck, CTO and Founder at Cloudshield

Technologies. “Even though the attacks continue, the impact on the DNS infrastructure is minimized.”

“We are thrilled that CloudShield stepped in and quickly solved a problem that could have turned out much worse,” said David Ulevitch, founder of EveryDNS.

“CloudShield’s solid reputation in DNS mitigation was the main reason we contacted them. They worked with us around the clock until the problem was resolved and helped us ensure a DDoS attack of this scale on EveryDNS will not happen in the future.”

CloudShield offers a solution specifically designed to protect DNS installations against all types of DNS attacks. Built on CloudShield’s CS-2000, the DNS protection solution performs a wide variety of functions to protect DNS infrastructures. CloudShield's DNS protection offering is capable of responding to queries for a DNS system while under attack, resolving requests while processing up to 2.5Gbps on a single platform. For further information on CloudShield’s DNS protection services, please visit

[http://www.cloudshield.com/solutions/SP\\_DNS\\_Protection.asp](http://www.cloudshield.com/solutions/SP_DNS_Protection.asp)

#### **About CloudShield**

CloudShield solutions provide large network operators new levels of visibility *and* control of the traffic traversing their high-speed networks, providing opportunities to monetize network content and better manage their subscribers’ experiences. CloudShield systems enable controls to be customized to individual operator requirements, supporting unique service offerings and operator policies. Through its application and solution partners, CloudShield has helped deliver solutions to carriers in North America, Europe and Asia as well as many important U.S. federal government customers. More information about CloudShield can be found at [www.cloudshield.com](http://www.cloudshield.com).

#### **About EveryDNS**

EveryDNS, founded by DNS expert David Ulevitch, is the world's largest authoritative DNS provider, offering free DNS services to the Internet community. In addition to static DNS services, EveryDNS provides advanced services such as Dynamic DNS resolution, Secondary service, AXFR service and domain2web redirection. Since its inception in June of 2001 its main focus has been offering a reliable and secure DNS service and the organization has no intention of changing that. For more information, please visit [www.EveryDNS.net](http://www.EveryDNS.net).

#### **About nLayer**

The nLayer Communications Network Infrastructure is designed and operated by engineers with extensive experience running some of the world's largest Global IP

backbones. This level of expertise has uniquely positioned us to deliver unmatched value to our customers, through legacy-free, low-cost solutions for clients with even the largest bandwidth requirements. By utilizing the latest state-of-the-art technology and techniques in innovative and efficient ways, nLayer sets the new standard for affordable, high quality Internet services.

###

**Press contacts:**

Amanda Coolong / Noah Dye  
LEWIS PR on behalf of CloudShield  
+1 619 516 2559 / +1 619 708 7413  
[cloudshield@lewispr.com](mailto:cloudshield@lewispr.com)

Allison Rhodes  
EveryDNS  
Community Manager  
1.415.344.3150  
[allison@opendns.com](mailto:allison@opendns.com)

Bret Skelton  
nLayer Communications, Inc.  
741 Gilman St  
Berkeley CA 94710  
+1 (703) 831-4100