

## NETASQ protects its clients from the latest denial of service techniques

**New TCP attack techniques have been uncovered and could give rise to an unprecedented spate of attacks over the summer. NETASQ's technology allows its clients to keep their peace of mind when confronted with this new threat.**

Paris, June 22<sup>nd</sup> 2009-

A new denial of service attack was recently highlighted in an article published in Phrack Magazine [1]. This attack makes it possible in particular to prevent access to any public server. For example, it could very quickly paralyze a company's web server or its mail gateway. To arrive at such a spectacular result, the attack would bypass the use of the TCP window which would ordinarily allow adapting the traffic of exchanged data. In concrete terms, this means that the attacker would send queries while indicating that he cannot receive the response immediately. The server thus accumulates data in memory very quickly until it can no longer respond to legitimate requests.

In order to detect this attack, NETASQ products analyze the behavior of each TCP connection and automatically adapt so that malicious connections would be shut down and server resources would be instantaneously eased.

*"This new attack had been carefully studied to elude signature-based firewalls," said Fabien Thomas, NETASQ's CTO. "Just like the DNS attack that Dan Kaminsky discovered, it can only be foiled by the proper understanding and thorough analysis of connection behavior,"* he added.

Since its creation, NETASQ has been a forerunner and technological leader in the field of protocol and behavioral analyses, proving time and again the effectiveness of its zero-day protections.

*"While we congratulate ourselves on the effectiveness of our intrusion prevention engine, with the approaching summer holidays, this attack is above all a reminder to stay vigilant,"* said Fabien Thomas. *"Our monitoring teams obviously pay close attention to the appearance of new attacks. They also regularly add new zero-day protections to guarantee our clients the best security."*

[1] <http://www.phrack.com/issues.html?issue=66&id=9#article>

### **About NETASQ**

With more than 45,000 products sold worldwide to date via a distribution channel of more than 300 partners spread out in more than 30 countries, NETASQ has made a name for itself as a major player in the information security field. NETASQ solutions efficiently meet the needs that enterprises have for a unified form of protection from network threats and spam.

For more information: <http://www.netasq.com>

Photos and logos: <http://www.netasq.com/marketing/marketing.php>

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### Press contacts

<b>GBC Conseil</b> Xavier Delhôme / Edouard Fleuriau-Chateau +33 1 41 31 75 09 / +33 1 41 31 75 16 <a href="mailto:xavierd@gbc-conseil.fr">xavierd@gbc-conseil.fr</a> / <a href="mailto:edouardfc@gbc-conseil.fr">edouardfc@gbc-conseil.fr</a>	<b>NETASQ</b> Marie-Pierre CZABAK / Manon HASARD +33 3 20 61 90 49 / +33 1 46 21 82 38 <a href="mailto:marie-pierre.czabak@netasq.com">marie-pierre.czabak@netasq.com</a> / <a href="mailto:manon.hasard@netasq.com">manon.hasard@netasq.com</a>
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