

TopResponse Threat Advisory

Release Date: April 15, 2011.

Purpose: The Top Layer TopResponse team is issuing an advisory, which provides information needed to provide protection for the Microsoft IE Layouts Handling Memory Corruption Vulnerability (MS11-018,CVE-2011-0094).

Top Layer Products: IPS 5500 E-Series.

Vulnerable Infrastructure: Microsoft Internet Explorer v6, v7, and v8.

Alert Type: Critical Vulnerability

Risk Assessment: Critical

Threat Impact: Remotely exploitable vulnerability that could allow an attacker to control vulnerable systems

Advisory Impact: Prevention

Summary: Microsoft Internet Explorer contains a vulnerability in the way layouts are processed. The reported vulnerability could allow an attacker to execute arbitrary code on the users systems in the context of the logged-on user by enticing the user to open a specially crafted web site.

Recommended Action: Top Layer recommends the following actions:

Download and apply Protection Pack 2011-04-13-05 (or later) to put this new protection into place. This will put into place protection for the Microsoft IE Layouts Handling Memory Corruption Vulnerability that will be applied to the “Strict Client Protection” IPS Rule Set.

In order to take advantage of the protection provided in this Protection Pack, make sure the IPS rule tln-106358 is enabled in the IPS Rule Set used to inspect traffic to your Microsoft Internet Explorer infrastructure.

Note: IPS rule tln-106358 is currently enabled in the Strict IPS Rule Set because there is a potential for false positive events. Please monitor events after the rule is enabled to provide protection for this vulnerability.

References: Use the following sources for additional information:

Additional Information	Location
Top Layer Support	http://www.toplayer.com/support
Microsoft Advisory	http://www.microsoft.com/technet/security/bulletin/ms11-018.msp

Relevant TLN Rules: tln-106358.

Relevant TopResponse Protection Pack(s): 2011-04-13-05.