

## TopResponse Threat Advisory

**Release Date:** January 3, 2012.

**Purpose:** The Corero TopResponse team informs customers that existing IPS 5500 security features provide proactive protection for the Microsoft ASP.NET HashTable Denial-of-Service (MS11-100,CVE-2011-3414) and Microsoft ASP.NET Forms Authentication Bypass (MS11-100,CVE-2011-3416) Vulnerabilities.

**Corero Products:** Corero IPS 5500 and later.

**Vulnerable Infrastructure:** Microsoft Windows XP, Microsoft Windows Server 2003, Microsoft Windows Vista, Microsoft Windows Server 2008, Microsoft Windows 7, and Microsoft Windows Server 2008 R2.

**Alert Type:** Critical Vulnerabilities

**Risk Assessment:** Critical

**Threat Impact:** Remotely exploitable vulnerabilities that could allow remote code execution and denial of service

**Advisory Impact:** Prevention

**Summary:** Microsoft ASP.NET framework implements interfaces that can be accessed using the HTTP protocol. There exist multiple vulnerabilities in the way Microsoft ASP.NET processes incoming HTTP requests. The reported vulnerability could allow a remote attacker to execute code or perform a Denial-of-Service attack by sending a specially crafted HTTP request. The IPS 5500 provides proactive protection for these vulnerabilities.

**Recommended Action:** Corero recommends the following actions:

Ensure that the rules tln-102029, “PROTO: HTTP URI Query-String Contains Too Many Queries” and tln-102031, “PROTO: HTTP URI Query Value Contains Invalid Character”, are enabled in the IPS Rule Sets used to inspect traffic sent to your Microsoft ASP.NET infrastructure. The rule tln-102029 is currently enabled in the “Strict Server Protection” IPS Rule Set, and the rule tln-102031 needs to be manually enabled to take effect.

**References:** Use the following sources for additional information:

Additional Information	Location
Corero Support	<a href="https://support.corero.com/">https://support.corero.com/</a>
Microsoft Advisory	<a href="http://technet.microsoft.com/en-us/security/bulletin/ms11-100">http://technet.microsoft.com/en-us/security/bulletin/ms11-100</a>

**Relevant IPS 5500 Rules:** tln-102029, tln-102031.