

TopResponse Threat Advisory

Release Date: June 13, 2008

Purpose: The Top Layer TopResponse team is issuing an advisory, which provides information needed to block attacks targeting the Microsoft Speech API sapi.dll ActiveX Vulnerability (CVE-2007-0675).

Top Layer Products: IPS 5500 E-Series.

Vulnerable Infrastructure: Microsoft Windows 2000 Server SP4, Microsoft Windows XP SP2, Microsoft Windows XP SP3, Microsoft Windows Server 2003, Microsoft Windows Server 2003 SP1, Microsoft Windows Server SP2, Microsoft Windows Vista, Microsoft Windows Vista SP1, Microsoft Windows Server 2008.

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 Speech API provides support for developers to add speech recognition to applications. There is a vulnerability in the Microsoft Speech API ActiveX control. The reported vulnerability could allow a remote attacker to execute arbitrary code on users' systems in the security context of the logged-on user by enticing the user to open a specially crafted web page.

Recommended Action: Top Layer recommends the following actions:

IPS 5500 E-Series Users: Download and apply Protection Pack 2008-06-10-02 (or later) to put this new protection into place. This is automatically applied to the "Recommended Client Protection" IPS Rule Set. In order to take advantage of the protection, make sure the IPS rule tln-106191 is enabled in the IPS Rule Set used to inspect traffic from your client infrastructure.

References: Use the following sources for additional information:

Additional Information	Location
Top Layer Support Web site	http://www.toplayer.com/support
Microsoft Advisory	http://www.microsoft.com/technet/security/bulletin/ms08-036.msp

Relevant TLN Rules: tln-106191

Relevant TopResponse Protection Pack(s): 2008-06-10-02