

TopResponse Threat Advisory

Release Date: December 28, 2007

Purpose: The Top Layer TopResponse team is issuing an advisory, which provides information needed to block attacks targeting the Microsoft Windows Media Format ASF Vulnerability (CVE-2007-0064).

Top Layer Products: IPS 5500 E-Series.

Vulnerable Infrastructure: Microsoft Windows Media Format Runtime v7.1, Microsoft Windows Media Format Runtime v9, Microsoft Windows Media Format Runtime v9.5, Microsoft Windows Media Format Runtime v11, Microsoft Windows Media Format Runtime x64 Edition v9.5, Microsoft Windows Media Services v9.1; Microsoft Windows 2000, XP, Vista, and Server 2003.

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: Windows Media Audio (WMA) is an audio compression technology developed by Microsoft that is commonly distributed with the Windows Media Player. The technology uses the Advanced Systems Format (ASF) files as containers to encapsulate objects. The reported vulnerability could allow an attacker to execute arbitrary code on a user system running Microsoft Windows Media Format Library by enticing the user to open a specially crafted ASF file.

Recommended Action: Top Layer recommends the following actions:

IPS 5500 E-Series Users: Download and apply Protection Pack 2007-12-27-04 (or later) to put this new protection into place. This is automatically applied to the "Recommended Client Protection" IPS Rule Set. No further action is needed.

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/ms07-68.msp

Relevant TLN Rules: TLN-106174

Relevant TopResponse Protection Pack(s): 2007-12-27-04