# CVE Detail – CVE-2010-0249

Use-after-free vulnerability in Microsoft Internet Explorer 6, 6 SP1, 7, and 8 on Windows 2000 SP4; Windows XP SP2 and SP3; Windows Server 2003 SP2; Windows Vista Gold, SP1, and SP2; Windows Server 2008 Gold, SP2, and R2; and Windows 7 allows remote attackers to execute arbitrary code by accessing a pointer associated with a deleted object, related to incorrectly initialized memory and improper handling of objects in memory, as exploited in the wild in December 2009 and January 2010 during Operation Aurora, aka "HTML Object Memory Corruption Vulnerability."

## Threat-Mapped Scoring

Score: 1.8

Priority: P4 - Informational (Low)

## EPSS

EPSS Score: N/A

Percentile: 0.99685

## CVSS Scoring

CVSS v3.1 Score: 8.8

Severity: HIGH

## Mapped CWE(s)

* CWE-416: Use After Free

## Affected Products

* cpe:2.3:a:microsoft:internet\_explorer:5.0.1:sp4:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:microsoft:internet\_explorer:6:sp1:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:microsoft:internet\_explorer:6:-:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:microsoft:internet\_explorer:7.0:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:microsoft:internet\_explorer:8:\*:\*:\*:\*:\*:\*:\*