# CVE Detail – CVE-2007-4988

Sign extension error in the ReadDIBImage function in ImageMagick before 6.3.5-9 allows context-dependent attackers to execute arbitrary code via a crafted width value in an image file, which triggers an integer overflow and a heap-based buffer overflow.

## Threat-Mapped Scoring

Score: 1.8

Priority: P4 - Informational (Low)

## EPSS

EPSS Score: N/A

Percentile: 0.8283

## CVSS Scoring

CVSS v3.1 Score: 7.8

Severity: HIGH

## Mapped CWE(s)

* CWE-681: Incorrect Conversion between Numeric Types

## Affected Products

* cpe:2.3:a:imagemagick:imagemagick:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:canonical:ubuntu\_linux:6.06:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:canonical:ubuntu\_linux:6.10:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:canonical:ubuntu\_linux:7.04:\*:\*:\*:\*:\*:\*:\*