# CVE Detail – CVE-2003-1564

libxml2, possibly before 2.5.0, does not properly detect recursion during entity expansion, which allows context-dependent attackers to cause a denial of service (memory and CPU consumption) via a crafted XML document containing a large number of nested entity references, aka the "billion laughs attack."

## Threat-Mapped Scoring

Score: 1.5

Priority: P4 - Informational (Low)

## EPSS

EPSS Score: N/A

Percentile: 0.73957

## CVSS Scoring

CVSS v3.1 Score: 6.5

Severity: MEDIUM

## Mapped CWE(s)

* CWE-776: Improper Restriction of Recursive Entity References in DTDs ('XML Entity Expansion')

## CAPEC(s)

* CAPEC-197: Exponential Data Expansion

## Affected Products

* cpe:2.3:a:xmlsoft:libxml2:\*:\*:\*:\*:\*:\*:\*:\*