# CVE Detail – CVE-2010-2547

Use-after-free vulnerability in kbx/keybox-blob.c in GPGSM in GnuPG 2.x through 2.0.16 allows remote attackers to cause a denial of service (crash) and possibly execute arbitrary code via a certificate with a large number of Subject Alternate Names, which is not properly handled in a realloc operation when importing the certificate or verifying its signature.

## Threat-Mapped Scoring

Score: 1.9

Priority: P3 - Important (Medium)

## EPSS

EPSS Score: N/A

Percentile: 0.94259

## CVSS Scoring

CVSS v3.1 Score: 8.1

Severity: HIGH

## Mapped CWE(s)

* CWE-416: Use After Free

## Affected Products

* cpe:2.3:a:gnupg:gnupg:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:fedoraproject:fedora:13:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:debian:debian\_linux:5.0:\*:\*:\*:\*:\*:\*:\*