# CVE Detail – CVE-2008-0062

KDC in MIT Kerberos 5 (krb5kdc) does not set a global variable for some krb4 message types, which allows remote attackers to cause a denial of service (crash) and possibly execute arbitrary code via crafted messages that trigger a NULL pointer dereference or double-free.

## Threat-Mapped Scoring

Score: 1.9

Priority: P3 - Important (Medium)

## EPSS

EPSS Score: N/A

Percentile: 0.91181

## CVSS Scoring

CVSS v3.1 Score: 9.8

Severity: CRITICAL

## Mapped CWE(s)

* CWE-665: Improper Initialization

## CAPEC(s)

* CAPEC-26: Leveraging Race Conditions
* CAPEC-29: Leveraging Time-of-Check and Time-of-Use (TOCTOU) Race Conditions

## Affected Products

* cpe:2.3:a:mit:kerberos\_5:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:debian:debian\_linux:3.1:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:debian:debian\_linux:4.0:\*:\*:\*:\*:\*:\*:\*
* 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:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:canonical:ubuntu\_linux:7.10:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:fedoraproject:fedora:7:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:fedoraproject:fedora:8:\*:\*:\*:\*:\*:\*:\*