# CVE Detail – CVE-2009-2857

The kernel in Sun Solaris 8, 9, and 10, and OpenSolaris before snv\_103, does not properly handle interaction between the filesystem and virtual-memory implementations, which allows local users to cause a denial of service (deadlock and system halt) via vectors involving mmap and write operations on the same file.

## Threat-Mapped Scoring

Score: 1.5

Priority: P4 - Informational (Low)

## EPSS

EPSS Score: N/A

Percentile: 0.30456

## CVSS Scoring

CVSS v3.1 Score: 5.5

Severity: MEDIUM

## Mapped CWE(s)

* CWE-667: Improper Locking

## CAPEC(s)

* CAPEC-25: Forced Deadlock
* CAPEC-26: Leveraging Race Conditions
* CAPEC-27: Leveraging Race Conditions via Symbolic Links

## ATT&CK Techniques

* T1499.004: Application or System Exploitation

## Used By (Actors/Tools)

* Industroyer (malware)

## Affected Products

* cpe:2.3:o:oracle:opensolaris:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:oracle:solaris:8:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:oracle:solaris:9:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:oracle:solaris:10:\*:\*:\*:\*:\*:\*:\*