# CVE Detail – CVE-2010-4210

The pfs\_getextattr function in FreeBSD 7.x before 7.3-RELEASE and 8.x before 8.0-RC1 unlocks a mutex that was not previously locked, which allows local users to cause a denial of service (kernel panic), overwrite arbitrary memory locations, and possibly execute arbitrary code via vectors related to opening a file on a file system that uses pseudofs.

## Threat-Mapped Scoring

Score: 1.9

Priority: P3 - Important (Medium)

## EPSS

EPSS Score: N/A

Percentile: 0.73552

## CVSS Scoring

CVSS v3.1 Score: 7.8

Severity: HIGH

## 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:freebsd:freebsd:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:freebsd:freebsd:8.0:p1:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:freebsd:freebsd:8.0:p2:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:freebsd:freebsd:8.0:p3:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:freebsd:freebsd:8.0:p4:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:freebsd:freebsd:8.0:p5:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:freebsd:freebsd:8.0:p6:\*:\*:\*:\*:\*:\*