



Missing large page handling in pmap_pkru_update_range()

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2026-6386
State	PUBLISHED
Assigner	freebsd
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-22 03:16:01 UTC
Updated	2026-04-22 21:23:52 UTC
Description	In order to apply a particular protection key to an address range, the kernel must update the corresponding page table entry

Risk And Classification

Primary CVSS: v3.1 6.2 MEDIUM from ADP

CVSS: 3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N

EPSS: 0.000170000 probability, percentile 0.042100000 (date 2026-04-22)

Problem Types: CWE-269 | CWE-732 | CWE-269 CWE-269 Improper Privilege Management | CWE-732 CWE-732 Incorrect Permission Assignment for Critical Resource

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	6.2	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	6.2	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

None

CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	FreeBSD	FreeBSD	affected 15.0-RELEASE p6 release	Not specified
CNA	FreeBSD	FreeBSD	affected 14.4-RELEASE p2 release	Not specified
CNA	FreeBSD	FreeBSD	affected 14.3-RELEASE p11 release	Not specified
CNA	FreeBSD	FreeBSD	affected 13.5-RELEASE p12 release	Not specified

References

Reference	Source	Link	Tags
security.freebsd.org/advisories/FreeBSD-SA-26:11.amd64.asc	secteam@freebsd.org	security.freebsd.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

CNA: Nicholas Carlini using Claude, Anthropic (en)

There are currently no legacy QID mappings associated with this CVE.

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