



CVE-2023-4029

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

Summary

CVE	CVE-2023-4029
State	PUBLIC
Assigner	psirt@lenovo.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-08-17 17:15:00 UTC
Updated	2023-08-24 20:27:00 UTC
Description	A buffer overflow has been identified in the BoardUpdateAcpiDxe driver in some Lenovo ThinkPad products which may allo

Risk And Classification

Problem Types: CWE-120

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Lenovo	K14 Type 21cu	-	All	All	All
Operating System	Lenovo	K14 Type 21cu Firmware	All	All	All	All
Hardware	Lenovo	K14 Type 21cv	-	All	All	All
Operating System	Lenovo	K14 Type 21cv Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad E14 Gen 3	-	All	All	All
Operating System	Lenovo	Thinkpad E14 Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad E15 Gen 3	-	All	All	All
Operating System	Lenovo	Thinkpad E15 Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad L13 Gen 2	-	All	All	All
Operating System	Lenovo	Thinkpad L13 Gen 2 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad L13 Gen 3	-	All	All	All
Operating System	Lenovo	Thinkpad L13 Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad L13 Gen 4	-	All	All	All
Operating System	Lenovo	Thinkpad L13 Gen 4 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad L13 Yoga Gen 2	-	All	All	All
Operating System	Lenovo	Thinkpad L13 Yoga Gen 2 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad L13 Yoga Gen 3	-	All	All	All

Operating System	Lenovo	Thinkpad L13 Yoga Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad L13 Yoga Gen 4	-	All	All	All
Operating System	Lenovo	Thinkpad L13 Yoga Gen 4 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad L14 Gen 2	-	All	All	All
Operating System	Lenovo	Thinkpad L14 Gen 2 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad L14 Gen 3	-	All	All	All
Operating System	Lenovo	Thinkpad L14 Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad L14 Gen 4	-	All	All	All
Operating System	Lenovo	Thinkpad L14 Gen 4 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad L15 Gen 2	-	All	All	All
Operating System	Lenovo	Thinkpad L15 Gen 2 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad L15 Gen 3	-	All	All	All
Operating System	Lenovo	Thinkpad L15 Gen 3 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad L15 Gen 4	-	All	All	All
Operating System	Lenovo	Thinkpad L15 Gen 4 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad P14s Gen 2	-	All	All	All
Operating System	Lenovo	Thinkpad P14s Gen 2 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad S2 Gen 6	-	All	All	All
Operating System	Lenovo	Thinkpad S2 Gen 6 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad S2 Gen 7	-	All	All	All
Operating System	Lenovo	Thinkpad S2 Gen 7 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad S2 Gen 8	-	All	All	All
Operating System	Lenovo	Thinkpad S2 Gen 8 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad S2 Yoga Gen 6	-	All	All	All
Operating System	Lenovo	Thinkpad S2 Yoga Gen 6 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad S2 Yoga Gen 7	-	All	All	All
Operating System	Lenovo	Thinkpad S2 Yoga Gen 7 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad S2 Yoga Gen 8	-	All	All	All
Operating System	Lenovo	Thinkpad S2 Yoga Gen 8 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad T14s Gen 2	-	All	All	All
Operating System	Lenovo	Thinkpad T14s Gen 2 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad T14 Gen 2	-	All	All	All
Operating System	Lenovo	Thinkpad T14 Gen 2 Firmware	All	All	All	All
Hardware	Lenovo	Thinkpad X13 Gen 2	-	All	All	All
Operating System	Lenovo	Thinkpad X13 Gen 2 Firmware	All	All	All	All

References

Reference	Source	Link	Tags
Multi-vendor BIOS Security Vulnerabilities (August 2023) - Lenovo Support US	MISC	support.lenovo.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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

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