



CVE-2023-45075

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Summary

CVE	CVE-2023-45075
State	PUBLIC
Assigner	psirt@lenovo.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-11-08 23:15:00 UTC
Updated	2023-11-16 17:30:00 UTC
Description	A memory leakage vulnerability was reported in the SWSMI_Shadow DXE driver that may allow a local attacker with elevat

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Lenovo	Ideacentre 3-07ada05	-	All	All	All
Operating System	Lenovo	Ideacentre 3-07ada05 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre 3-07imb05	-	All	All	All
Operating System	Lenovo	Ideacentre 3-07imb05 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre 5-14iob6	-	All	All	All
Operating System	Lenovo	Ideacentre 5-14iob6 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre C5-14imb05	-	All	All	All
Operating System	Lenovo	Ideacentre C5-14imb05 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Creator 5-14iob6	-	All	All	All
Operating System	Lenovo	Ideacentre Creator 5-14iob6 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre G5-14amr05	-	All	All	All
Operating System	Lenovo	Ideacentre G5-14amr05 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre G5-14imb05	-	All	All	All
Operating System	Lenovo	Ideacentre G5-14imb05 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Gaming 5-14iob6	-	All	All	All
Operating System	Lenovo	Ideacentre Gaming 5-14iob6 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Mini 5-01imh05	-	All	All	All

Operating System	Lenovo	Ideacentre Mini 5-01imh05 Firmware	All	All	All	All
Hardware	Lenovo	Ideacentre Mini 5 01iaq7	-	All	All	All
Operating System	Lenovo	Ideacentre Mini 5 01iaq7 Firmware	All	All	All	All
Hardware	Lenovo	Legion T7-34imz5	-	All	All	All
Operating System	Lenovo	Legion T7-34imz5 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M625q	-	All	All	All
Operating System	Lenovo	Thinkcentre M625q Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M630e	-	All	All	All
Operating System	Lenovo	Thinkcentre M630e Firmware	-	All	All	All
Hardware	Lenovo	Thinkcentre M70a	-	All	All	All
Operating System	Lenovo	Thinkcentre M70a Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M70c	-	All	All	All
Operating System	Lenovo	Thinkcentre M70c Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M70q	-	All	All	All
Operating System	Lenovo	Thinkcentre M70q Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M70s	-	All	All	All
Operating System	Lenovo	Thinkcentre M70s Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M70t	-	All	All	All
Operating System	Lenovo	Thinkcentre M70t Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M720q	-	All	All	All
Operating System	Lenovo	Thinkcentre M720q Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M720s	-	All	All	All
Operating System	Lenovo	Thinkcentre M720s Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M720t	-	All	All	All
Operating System	Lenovo	Thinkcentre M720t Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M75n	-	All	All	All
Operating System	Lenovo	Thinkcentre M75n Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M75q Gen 2	-	All	All	All
Operating System	Lenovo	Thinkcentre M75q Gen 2 Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M75s Gen 2	-	All	All	All
Operating System	Lenovo	Thinkcentre M75s Gen 2 Firmware	-	All	All	All
Hardware	Lenovo	Thinkcentre M75t Gen 2	-	All	All	All
Operating System	Lenovo	Thinkcentre M75t Gen 2 Firmware	-	All	All	All
Hardware	Lenovo	Thinkcentre M80q	-	All	All	All
Operating System	Lenovo	Thinkcentre M80q Firmware	All	All	All	All

Hardware	Lenovo	Thinkcentre M80s	-	All	All	All
Operating System	Lenovo	Thinkcentre M80s Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M80t	-	All	All	All
Operating System	Lenovo	Thinkcentre M80t Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M820z All-in-one	-	All	All	All
Operating System	Lenovo	Thinkcentre M820z All-in-one Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M90a	-	All	All	All
Operating System	Lenovo	Thinkcentre M90a Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M90q Tiny	-	All	All	All
Operating System	Lenovo	Thinkcentre M90q Tiny Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M90s	-	All	All	All
Operating System	Lenovo	Thinkcentre M90s Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M90t	-	All	All	All
Operating System	Lenovo	Thinkcentre M90t Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M920q	-	All	All	All
Operating System	Lenovo	Thinkcentre M920q Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M920s	-	All	All	All
Operating System	Lenovo	Thinkcentre M920s Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M920t	-	All	All	All
Operating System	Lenovo	Thinkcentre M920t Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M920x	-	All	All	All
Operating System	Lenovo	Thinkcentre M920x Firmware	All	All	All	All
Hardware	Lenovo	Thinkcentre M920z All-in-one	-	All	All	All
Operating System	Lenovo	Thinkcentre M920z All-in-one Firmware	All	All	All	All
Hardware	Lenovo	Thinkedge Se30	-	All	All	All
Operating System	Lenovo	Thinkedge Se30 Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P320 Workstation	-	All	All	All
Operating System	Lenovo	Thinkstation P320 Workstation Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P330 Tiny Workstation	-	All	All	All
Operating System	Lenovo	Thinkstation P330 Tiny Workstation Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P330 Workstation	-	All	All	All
Hardware	Lenovo	Thinkstation P330 Workstation 2nd Gen	-	All	All	All
Operating System	Lenovo	Thinkstation P330 Workstation 2nd Gen Firmware	All	All	All	All
Operating System	Lenovo	Thinkstation P330 Workstation Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P340 Tiny Workstation	-	All	All	All
Operating System	Lenovo	Thinkstation P340 Tiny Workstation Firmware	All	All	All	All

Operating System	Lenovo	Thinkstation P340 Tiny Workstation Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P340 Workstation	-	All	All	All
Operating System	Lenovo	Thinkstation P340 Workstation Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P348 Workstation	-	All	All	All
Operating System	Lenovo	Thinkstation P348 Workstation Firmware	All	All	All	All
Hardware	Lenovo	Thinkstation P350 Workstation	-	All	All	All
Operating System	Lenovo	Thinkstation P350 Workstation Firmware	-	All	All	All
Hardware	Lenovo	Thinkstation P360 Workstation	-	All	All	All
Operating System	Lenovo	Thinkstation P360 Workstation Firmware	All	All	All	All
Operating System	Lenovo	Thinkstation P360 Workstation Firmware	-	All	All	All
Hardware	Lenovo	Thinkstation P520c Workstation	-	All	All	All
Operating System	Lenovo	Thinkstation P520c Workstation Firmware	-	All	All	All
Hardware	Lenovo	Thinkstation P520 Workstation	-	All	All	All
Operating System	Lenovo	Thinkstation P520 Workstation Firmware	-	All	All	All
Hardware	Lenovo	Thinkstation P720 Workstation	-	All	All	All
Operating System	Lenovo	Thinkstation P720 Workstation Firmware	-	All	All	All
Hardware	Lenovo	Thinkstation P920 Workstation	-	All	All	All
Operating System	Lenovo	Thinkstation P920 Workstation Firmware	-	All	All	All
Hardware	Lenovo	V30a-22iml	-	All	All	All
Operating System	Lenovo	V30a-22iml Firmware	All	All	All	All
Hardware	Lenovo	V30a-24iml	-	All	All	All
Operating System	Lenovo	V30a-24iml Firmware	All	All	All	All
Hardware	Lenovo	V50a-22imb	-	All	All	All
Operating System	Lenovo	V50a-22imb Firmware	All	All	All	All
Hardware	Lenovo	V50a-24imb	-	All	All	All
Operating System	Lenovo	V50a-24imb Firmware	All	All	All	All
Hardware	Lenovo	V50s-07imb	-	All	All	All
Operating System	Lenovo	V50s-07imb Firmware	All	All	All	All
Hardware	Lenovo	V50t-13imb	-	All	All	All
Operating System	Lenovo	V50t-13imb Firmware	All	All	All	All
Hardware	Lenovo	V50t-13imh	-	All	All	All
Operating System	Lenovo	V50t-13imh Firmware	All	All	All	All
Hardware	Lenovo	V50t-13iob G2	-	All	All	All
Operating System	Lenovo	V50t-13iob G2 Firmware	All	All	All	All
Hardware	Lenovo	V55t Gen 2 13acn	-	All	All	All
Operating System	Lenovo	V55t Gen 2 13acn Firmware	All	All	All	All

References

Reference	Source	Link	Tags
Multi-vendor BIOS Security Vulnerabilities (October 2023) - Lenovo Support US		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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