



# CVE-2023-45078

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## Summary

<b>CVE</b>	CVE-2023-45078
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@lenovo.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-11-08 23:15:00 UTC
<b>Updated</b>	2023-11-16 18:04:00 UTC
<b>Description</b>	A memory leakage vulnerability was reported in the DustFilterAlertSmm SMM driver that may allow a local attacker with ele

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre 3-07ada05</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre 3-07ada05 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre 3-07imb05</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre 3-07imb05 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre 5-14iob6</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre 5-14iob6 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre C5-14imb05</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre C5-14imb05 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre Creator 5-14iob6</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre Creator 5-14iob6 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre G5-14amr05</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre G5-14amr05 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre G5-14imb05</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre G5-14imb05 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre Gaming 5-14iob6</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre Gaming 5-14iob6 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre Mini 5-01imh05</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre Mini 5-01imh05 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre Mini 5 01iaq7</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre Mini 5 01iaq7 Firmware</a>	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	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M80t Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M820z All-in-one</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M820z All-in-one Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M90a</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M90a Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M90q Tiny</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M90q Tiny Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M90s</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M90s Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M90t</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M90t Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M920q</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M920q Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M920s</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M920s Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M920t</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M920t Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M920x</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M920x Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M920z All-in-one</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M920z All-in-one Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkedge Se30</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkedge Se30 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkstation P320 Workstation</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkstation P320 Workstation Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkstation P330 Tiny Workstation</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkstation P330 Tiny Workstation Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkstation P330 Workstation</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkstation P330 Workstation 2nd Gen</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkstation P330 Workstation 2nd Gen Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkstation P330 Workstation Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkstation P340 Tiny Workstation</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkstation P340 Tiny Workstation Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkstation P340 Workstation</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkstation P340 Workstation Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkstation P348 Workstation</a>	-	All	All	All

Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkstation P348 Workstation</a>				
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkstation P348 Workstation Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkstation P350 Workstation</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkstation P350 Workstation Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkstation P360 Workstation</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkstation P360 Workstation Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkstation P360 Workstation Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkstation P520c Workstation</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkstation P520c Workstation Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkstation P520 Workstation</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkstation P520 Workstation Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkstation P720 Workstation</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkstation P720 Workstation Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkstation P920 Workstation</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkstation P920 Workstation Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">V30a-22iml</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">V30a-22iml Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">V30a-24iml</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">V30a-24iml Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">V50a-22imb</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">V50a-22imb Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">V50a-24imb</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">V50a-24imb Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">V50s-07imb</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">V50s-07imb Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">V50t-13imb</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">V50t-13imb Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">V50t-13imh</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">V50t-13imh Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">V50t-13iob G2</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">V50t-13iob G2 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">V55t Gen 2 13acn</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">V55t Gen 2 13acn Firmware</a>	All	All	All	All

## References

Reference	Source	Link	Tags
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Multi-vendor BIOS Security Vulnerabilities (October 2023) - Lenovo Support US		<a href="https://support.lenovo.com">support.lenovo.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	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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