



# CVE-2022-4575

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## Summary

<b>CVE</b>	CVE-2022-4575
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@lenovo.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-10-30 15:15:00 UTC
<b>Updated</b>	2023-11-08 00:24:00 UTC
<b>Description</b>	A vulnerability due to improper write protection of UEFI variables was reported in the BIOS of some ThinkPad models could

## Risk And Classification

### Problem Types: CWE-276

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkpad 25</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkpad 25 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkpad L560</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkpad L560 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkpad P50</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkpad P50s</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkpad P50s Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkpad P50 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkpad P70</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkpad P70 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkpad T470</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkpad T470s</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkpad T470s Firmware</a>	All	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkpad T470 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkpad T560</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkpad T560 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkpad X1 Carbon 4th Gen</a>	-	All	All	All

Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkpad X1 Carbon 4th Gen Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkpad X1 Yoga 1st Gen</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkpad X1 Yoga 1st Gen Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkpad X260</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkpad X260 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkpad X270</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkpad X270 Firmware</a>	All	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkpad Yoga 260</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkpad Yoga 260 Firmware</a>	All	All	All	All

## References

Reference	Source	Link	Tags
ThinkPad BIOS Vulnerabilities - Lenovo Support US	MISC	<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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