



# CVE-2021-4211

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## Summary

<b>CVE</b>	CVE-2021-4211
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@lenovo.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-04-22 21:15:00 UTC
<b>Updated</b>	2022-05-11 18:47:00 UTC
<b>Description</b>	A potential vulnerability in the SMI callback function used in the SMBIOS event log driver in some Lenovo Desktop, ThinkSt

## Risk And Classification

### Problem Types: CWE-20

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Lenovo</a>	<a href="#">A340-22icb</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">A340-22icb Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">A340-22ick</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">A340-22ick Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">A340-24icb</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">A340-24icb Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">A340-24ick</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">A340-24ick Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">A540-24icb</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">A540-24icb Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">A540-27icb</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">A540-27icb Firmware</a>	-	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
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre 510s-07icb</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre 510s-07icb Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre 510s-07ick</a>	-	All	All	All

Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre 510s-07ick Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre Aio 3-22ada6</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre Aio 3-22ada6 Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre Aio 3-22iil5</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre Aio 3-22iil5 Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre Aio 3-22itl6</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre Aio 3-22itl6 Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre Aio 3-24ada6</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre Aio 3-24ada6 Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre Aio 3-24iil5</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre Aio 3-24iil5 Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre Aio 3-24itl6</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre Aio 3-24itl6 Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Ideacentre Aio 3-27itl6</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Ideacentre Aio 3-27itl6 Firmware</a>	-	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
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
Hardware	<a href="#">Lenovo</a>	<a href="#">Se30</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Se30 Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M600</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M600 Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M700 Tiny</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M700 Tiny Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M70a</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M70a Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M710e</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M710e Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M710q</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M710q Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M710q 10yc</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M710q 10yc Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M710s</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M710s Firmware</a>	-	All	All	All

Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M710t</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M710t Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M720e</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M720e Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M75n</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M75n Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M800</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M800 Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M810z</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M810z Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M820z</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M820z Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M900</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M900x</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M900x Firmware</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M900 Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M90a Gen 2</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M90a Gen 2 Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M910q</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M910q Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M910s</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M910s Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M910t</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M910t Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M910x</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkcentre M910x Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkstation P310</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkstation P310 Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkstation P320</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkstation P320 Firmware</a>	-	All	All	All
Hardware	<a href="#">Lenovo</a>	<a href="#">Thinkstation P320 Tiny</a>	-	All	All	All
Operating System	<a href="#">Lenovo</a>	<a href="#">Thinkstation P320 Tiny 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
Hardware	<a href="#">Lenovo</a>	<a href="#">V30a-24iml</a>	-	All	All	All

Operating System	Lenovo	V30a-24iml Firmware	-	All	All	All
Hardware	Lenovo	V410z	-	All	All	All
Operating System	Lenovo	V410z Firmware	-	All	All	All
Hardware	Lenovo	V50t-13iob G2	-	All	All	All
Operating System	Lenovo	V50t-13iob G2 Firmware	-	All	All	All
Hardware	Lenovo	V520	-	All	All	All
Hardware	Lenovo	V520s	-	All	All	All
Operating System	Lenovo	V520s Firmware	-	All	All	All
Operating System	Lenovo	V520 Firmware	-	All	All	All
Hardware	Lenovo	V530-15icb	-	All	All	All
Operating System	Lenovo	V530-15icb Firmware	-	All	All	All
Hardware	Lenovo	V530-15icr	-	All	All	All
Operating System	Lenovo	V530-15icr Firmware	-	All	All	All
Hardware	Lenovo	V530s-07icb	-	All	All	All
Operating System	Lenovo	V530s-07icb Firmware	-	All	All	All
Hardware	Lenovo	V530s-07icr	-	All	All	All
Operating System	Lenovo	V530s-07icr Firmware	-	All	All	All
Hardware	Lenovo	V540-24iwl	-	All	All	All
Operating System	Lenovo	V540-24iwl Firmware	-	All	All	All

## References

Reference	Source	Link	Tags
Multi-vendor BIOS Security Vulnerabilities (February 2022) - 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

## Vendor Comments And Credit

### Discovery Credit

**LEGACY:** Lenovo thanks Jiawei Yin(@yngweijw) and Menghao Li of IIE varas

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

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