



CVE-2022-30774

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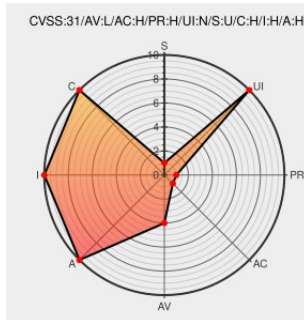
CVE-2022-30774

Source: Mitre

Source: NIST

CVE.ORG

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Certain versions of **Kernel** from **Insyde** contain the following vulnerability:

DMA attacks on the parameter buffer used by the PnpSmm driver could change the contents after parameter values have been checked but before they are used (a TOCTOU attack) DMA attacks on the parameter buffer used by the PnpSmm driver could change the contents after parameter values have been checked but before they

are used (a TOCTOU attack) . This issue was discovered by Insyde engineering during a security review. This iss was fixed in Kernel 5.2: 05.27.29, Kernel 5.3: 05.36.25, Kernel 5.4: 05.44.25, Kernel 5.5: 05.52.25. CWE-367 <https://www.insyde.com/security-pledge/SA-2022043>

CVE-2022-30774 has been assigned by [M cve@mitre.org](mailto:cve@mitre.org) to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.4 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	HIGH	HIGH	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVE References

Description	Tags	Link
Insyde's Security Pledge Insyde Software	www.insyde.com text/html	MISC www.insyde.com/security-pledge
Insyde Security Advisory 2022043 Insyde Software	www.insyde.com text/html	MISC www.insyde.com/security-pledge/SA-2022043
	cert-portal.siemens.com application/pdf	CONFIRM cert-portal.siemens.com/productcert/pdf/ssa-450613.pdf

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Insyde	Kernel	All	All	All	All
cpe:2.3:a:insyde:kernel:*****:*****:*****						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-30774 : DMA attacks on the parameter buffer used by the PnpSmm driver could change the contents after para... twitter.com/i/web/status/1...	2022-11-15 00:06:53
 /r/LenovoLegion	Legion 5 Pro 16IAH7H - BIOS Update (J2CN46WW)	2022-11-08 14:55:10
 /r/netcve	CVE-2022-30774	2022-11-15 01:38:45

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