



CVE-2022-32475

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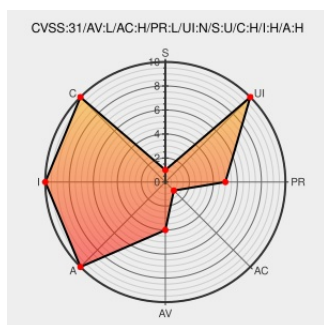
CVE-2022-32475

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [InsydeH2O](#) from [Insyde](#) contain the following vulnerability:

An issue was discovered in Insyde InsydeH2O with kernel 5.0 through 5.5. DMA attacks on the VariableRuntimeDxe shared buffer used by SMM and non-SMM code could cause TOCTOU race-condition issues that could lead to corruption of SMRAM and escalation of privileges. This issue was fixed in the kernel, which also protected chipset and OEM chipset code.

CVE-2022-32475 has been assigned by [M](#) [cve@mitre.org](#) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	HIGH	LOW	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 2023007 Insyde Software	www.insyde.com text/html	MISC www.insyde.com/security-pledge/SA-2023007

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

An issue was discovered in Insyde InsydeH2O with kernel 5.0 through 5.5. DMA attacks on the VariableRuntimeDxe shared...

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Insyde	Insydeh2o	All	All	All	All
cpe:2.3:a:insyde:insydeh2o:*:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-32475 : An issue was discovered in Insyde InsydeH2O with #kernel 5.0 through 5.5. DMA attacks on the Varia... twitter.com/i/web/status/1...	2023-02-15 14:06:55
 @JohnJasonFallow	New vulnerability on the NVD: CVE-2022-32475 ift.tt/LqIgGRc	2023-02-15 15:11:41
 @doogsineerg	New vulnerability on the NVD: CVE-2022-32475 ift.tt/RuzWJB4	2023-02-15 15:33:29
 /r/netcve	CVE-2022-32475	2023-02-15 15:38:43

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