



CVE-2021-38578

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Summary

CVE	CVE-2021-38578
State	PUBLIC
Assigner	infosec@edk2.groups.io
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-03-03 22:15:00 UTC
Updated	2023-08-02 17:24:00 UTC
Description	Existing CommBuffer checks in SmmEntryPoint will not catch underflow when computing BufferSize.

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Insyde	Kernel	5.0	All	All	All
Operating System	Insyde	Kernel	5.1	All	All	All
Operating System	Insyde	Kernel	5.2	All	All	All
Operating System	Insyde	Kernel	5.3	All	All	All
Operating System	Insyde	Kernel	5.4	All	All	All
Operating System	Insyde	Kernel	5.5	All	All	All
Application	Tianocore	Edk2	All	All	All	All

References

Reference	Source	Link	Tags
Insyde Security Advisory 2023024 Insyde Software	MISC	www.insyde.com	
Bug Access Denied	MISC	bugzilla.tianocore.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

160621 Oracle Enterprise Linux Security Update for edk2 (ELSA-2023-2165)
183619 Debian Security Update for edk2 (CVE-2021-38578)
241469 Red Hat Update for edk2 security (RHSA-2023:2165)
753928 SUSE Enterprise Linux Security Update for ovmf (SUSE-SU-2023:1921-1)
753933 SUSE Enterprise Linux Security Update for ovmf (SUSE-SU-2023:1941-1)
753934 SUSE Enterprise Linux Security Update for ovmf (SUSE-SU-2023:1940-1)
753935 SUSE Enterprise Linux Security Update for ovmf (SUSE-SU-2023:1958-1)
941044 AlmaLinux Security Update for edk2 (ALSA-2023:2165)

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