

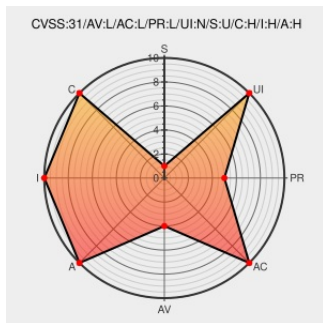


CVE-2022-43662

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CVE-2022-43662

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

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

Kernel subsystem within OpenHarmony-v3.1.4 and prior versions in kernel_liteos_a has a kernel stack overflow vulnerability when call SysTimerGettime. 4 bytes padding data from kernel stack are copied to user space incorrectly and leaked.

CVE-2022-43662 has been assigned by [scy@openharmony.io](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [OpenHarmony](#) - [OpenHarmony](#) version = 3.1.0

Affected Vendor/Software: [OpenHarmony](#) - [OpenHarmony](#) version = 3.0.0

Affected Vendor/Software: [OpenHarmony](#) - [OpenHarmony](#) version = 1.1.0

CVSS3 Score: **7.8 - HIGH**

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

CVE References

Description	Tags	Link
en/security-disclosure/2022/2022-12.md - OpenHarmony/security - Gitee.com	gitee.com text/html	MISC gitee.com/openharmony/security/blob/master/en/security-disclosure/2022/2022-12.md

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

Kernel subsystem within OpenHarmony-v3.1.4 and prior versions in kernel_liteos_a has a kernel stack overflow vulnerab...

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Openharmony	Openharmony	All	All	All	All
Application	Openharmony	Openharmony	All	All	All	All
Application	Openharmony	Openharmony	All	All	All	All
cpe:2.3:a:openharmony:openharmony:*:*:*:*:its:*:*:						
cpe:2.3:a:openharmony:openharmony:*:*:*:*:its:*:*:						
cpe:2.3:a:openharmony:openharmony:*:*:*:*:its:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-43662 : Kernel subsystem within OpenHarmony-v3.1.4 and prior versions in #kernel_liteos_a has a kernel sta... twitter.com/i/web/status/1...	2023-01-09 03:04:44
 /r/netcve	CVE-2022-43662	2023-01-09 04:39:02
 /r/CyberExploits	CVE-2022-43662 OpenHarmony up to 3.1.4 Kernel Subsystem kernel_liteos_a stack-based overflow	2023-01-09 07:42:05

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