



CVE-2021-37778

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

Certain versions of [Gps-sdr-sim](#) from [Gps-sdr-sim Project](#) contain the following vulnerability:

There is a buffer overflow in gps-sdr-sim v1.0 when parsing long command line parameters, which can lead to DoS or code execution.

CVE-2021-37778 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **7.5 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
There is a buffer overflow when parsing command line parameters · Issue #294 · osqzss/gps-sdr-sim · GitHub	github.com text/html	MISC github.com/osqzss/gps-sdr-sim/issues/294

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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	Gps-sdr-sim Project	Gps-sdr-sim	1.0	All	All	All
cpe:2.3:a:gps-sdr-sim_project:gps-sdr-sim:1.0:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-37778 : There is a buffer overflow in gps-sdr-sim v1.0 when parsing long command line parameters, which ca... twitter.com/i/web/status/1...	2022-06-30 15:04:38
 @Inceptus3	New Vulnerability: CVE-2021-37778 #InceptusSecure #UnderOurProtection	2022-06-30 16:21:11
 /r/netcve	CVE-2021-37778	2022-06-30 16:38:46

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