



CVE-2021-4070

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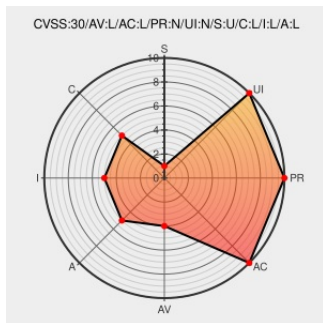
CVE-2021-4070 - advisory for 8da19456-4d89-41ef-9781-a41efd6a1877

[Source: Mitre](#)

[Source: NIST](#)

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Certain versions of **V2ray-core** from **V2fly** contain the following vulnerability:

Off-by-one Error in GitHub repository v2fly/v2ray-core prior to 4.44.0.

CVE-2021-4070 has been assigned by security@huntr.dev to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: **v2fly** - v2fly/v2ray-core version < 4.44.0

CVSS3 Score: **9.1 - CRITICAL**

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

CVSS2 Score: **6.4 - MEDIUM**

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

CVE References

Description	Tags	Link
Fix DoS attack vulnerability in CommandSwitchAccountFactory · v2fly/v2ray-core@c1af2bf · GitHub	github.com text/html	MISC github.com/v2fly/v2ray-core/commit/c1af2bfd7aa59a4482aa7f6ec4b9208c1d350b5c

Off-by-one Error vulnerability found in v2ray-core

[huntr.dev](#)

[text/html](#)

 **CONFIRM** huntr.dev/bounties/8da19456-4d89-41ef-9781-a41efd6a1877

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Related QID Numbers

182706 Debian Security Update for golang-v2ray-core (CVE-2021-4070)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	V2fly	V2ray-core	All	All	All	All
cpe:2.3:a:v2fly:v2ray-core:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @geeknik	New security advisory published: Off-by-one leads to DoS vulnerability -- github.com/v2fly/v2ray-co... -- CVE-2021-4070	2021-12-06 02:08:05
 @3lcid	Thanks for the #Follow twitter.com/geeknik Check out my site: ift.tt/2L9PVNv ?? CVE-2021-4070 ??	2021-12-22 08:11:51
 @CVEreport	CVE-2021-4070 : Off-by-one Error in GitHub repository v2fly/v2ray-core prior to 4.44.0.... cve.report/CVE-2021-4070	2022-02-28 21:54:13

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