CVE-2021-29482

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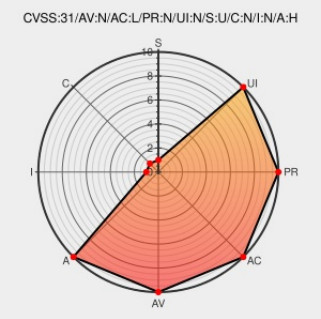
CVE-2021-29482 - advisory for GHSA-25xm-hr59-7c27

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Xz from Xz Project contain the following vulnerability:

xz is a compression and decompression library focusing on the xz format completely written in Go. The function readUvarint used to read the xz container format may not terminate a loop provide malicous input. The problem has been fixed in release v0.5.8. As a workaround users can limit the size of the compressed file input to a reasonable size for their use case. The standard library had recently the same issue and got the CVE-2020-16845 allocated.

CVE-2021-29482 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **ulikunitz** - **xz** version **< 0.5.8**

CVSS3 Score: 7.5 - HIGH

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

CVSS2 Score: 5 - MEDIUM

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

CVE References

Description	Tags	Link
xz: fix a security issue for readUvarint · ulikunitz/xz@69c6093 · GitHub	github.com text/html	MISC github.com/ulikunitz/xz/commit/69c6093c7b2397b923acf82cb378f55ab2652b9b
Release v0.5.8 fixes readUvarint denial of service · Advisory · ulikunitz/xz · GitHub	github.com text/html	CONFIRM github.com/ulikunitz/xz/security/advisories/GHSA-25xm-hr59-7c27

Related QID Numbers

180034 Debian Security Update for golang-github-ulikunitz-xz (CVE-2021-29482)

982402 Go (go) Security Update for github.com/ulikunitz/xz (GHSA-25xm-hr59-7c27)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Xz Project	Xz	All	All	All	All
Application	Xz Project	Xz	All	All	All	All

cpe:2.3:a:xz_project:xz:*:*:*:*:*:*:*:*:

cpe:2.3:a:xz_project:xz:*:*:*:*:*:go:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-29482 : xz is a compression and decompression library focusing on the xz format completely written in Go.… twitter.com/i/web/status/1…	2021-04-28 18:21:34
/r/netcve	CVE-2021-29482	2021-04-28 18:42:06

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