CVE-2021-40540

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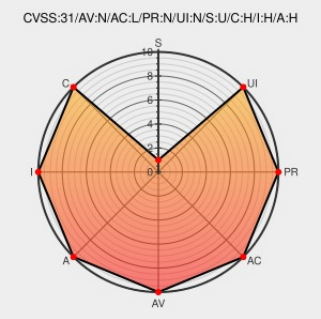
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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

ulfius_uri_logger in Ulfius HTTP Framework before 2.7.4 omits con_info initialization and a con_info->request NULL check for certain malformed HTTP requests.

CVE-2021-40540 has been assigned by 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
Ulfius Web Framework Remote Memory Corruption ≈ Packet Storm	packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/164152/Ulfius-Web-Framework-Remote-Memory-Corruption.html
Comparing v2.7.3...v2.7.4 ·	github.com	MISC github.com/babelouest/ulfius/compare/v2.7.3...v2.7.4

babelouest/ulfius · GitHub	text/html	
Fix bug when malformed HTTP requests are sent, thanks Jeremy Brown! · babelouest/ulfius@c83f564 · GitHub	github.com text/html	MISC github.com/babelouest/ulfius/commit/c83f564c184a27145e07c274b305cabe943bbfaa

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Related QID Numbers

179461 Debian Security Update for ulfius (CVE-2021-40540)

Known Affected Configurations (CPE V2.3)

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

cpe:2.3:a:ulfius_project:ulfius:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-40540 : ulfius_uri_logger in Ulfius HTTP Framework before 2.7.4 omits con_info initialization and a con_in… twitter.com/i/web/status/1…	2021-09-07 02:02:16

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