CVE-2020-28589

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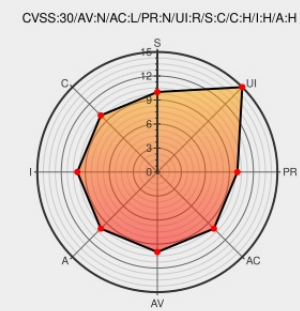
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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

An improper array index validation vulnerability exists in the LoadObj functionality of tinyobjloader v2.0-rc1 and tinyobjloader development commit 79d4421. A specially crafted file could lead to code execution. An attacker can provide a malicious file to trigger this vulnerability.

CVE-2020-28589 has been assigned by talos-cna@cisco.com to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 8.8 - HIGH

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

CVSS2 Score: 6.8 - MEDIUM

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

CVE References

Description	Tags	Link
TALOS-2020-1212 || Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	talosintelligence.com text/html	MISC talosintelligence.com/vulnerability_reports/TALOS-2020-1212

would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

There are currently no QIDs associated with this CVE

Exploit/POC from Github

PoC for exploiting CVE-2020-28589 : An improper array index validation vulnerability exists in the LoadObj functional…

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Tinyobjloader Project	Tinyobjloader	2.0	rc1	All	All

cpe:2.3:a:tinyobjloader_project:tinyobjloader:2.0:rc1:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2020-28589 : An improper array index validation vulnerability exists in the LoadObj functionality of tinyobjloa… twitter.com/i/web/status/1…	2021-08-11 13:03:52

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