CVE-2020-28599

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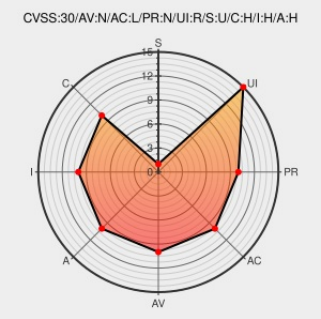

Certain versions of Fedora from Fedoraproject contain the following vulnerability:

A stack-based buffer overflow vulnerability exists in the import_stl.cc:import_stl() functionality of Openscad openscad-2020.12-RC2. A specially crafted STL file can lead to code execution. An attacker can provide a malicious file to trigger this vulnerability.

CVE-2020-28599 has been assigned by talos-cna@cisco.com to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.8 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	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
OpenSCAD: Buffer overflow (GLSA 202107-35) — Gentoo security	security.gentoo.org text/html	GENTOO GLSA-202107-35
[SECURITY] Fedora 33 Update: openscad-2019.05-13.fc33 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2021-8349f28cb9

[SECURITY] Fedora 32 Update: openscad-2019.05-13.fc32 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2021-793da7882b
TALOS-2020-1224 || Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	www.talosintelligence.com text/html	MISC www.talosintelligence.com/vulnerability_reports/TALOS-2020-1224
TALOS-2020-1223 || Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	Exploit Third Party Advisory talosintelligence.com text/html	MISC talosintelligence.com/vulnerability_reports/TALOS-2020-1223

Related QID Numbers

281590 Fedora Security Update for openscad (FEDORA-2021-8349f28cb9)

281591 Fedora Security Update for openscad (FEDORA-2021-793da7882b)

710033 Gentoo Linux OpenSCAD Buffer overflow (GLSA 202107-35)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Application	Openscad	Openscad	2020.12	rc2	All	All
Application	Openscad	Openscad	2020.12	rc2	All	All
Application	Openscad	Openscad	All	All	All	All

cpe:2.3:o:fedoraproject:fedora:32:*:*:*:*:*:*:*:

cpe:2.3:o:fedoraproject:fedora:33:*:*:*:*:*:*:*:

cpe:2.3:a:openscad:openscad:2020.12:rc2:*:*:*:*:*:*:

cpe:2.3:a:openscad:openscad:2020.12:rc2:*:*:*:*:*:*:

cpe:2.3:a:openscad:openscad:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

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CVE.report and Source URL Uptime Status status.cve.report