



CVE-2021-45931

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2021-45931
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-01-01 01:15:00 UTC
Updated	2023-11-07 03:39:00 UTC
Description	HarfBuzz 2.9.0 has an out-of-bounds write in hb_bit_set_invertible_t::set (called from hb_sparseset_t<hb_bit_set_invertible

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	34	All	All	All
Operating System	Fedoraproject	Fedora	35	All	All	All
Application	Harfbuzz Project	Harfbuzz	2.9.0	All	All	All

References

Reference	Source	Link
oss-fuzz-vulns/OSV-2021-1159.yaml at main · google/oss-fuzz-vulns · GitHub	MISC	github.com
[SECURITY] Fedora 35 Update: mingw-harfbuzz-2.9.1-1.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 35 Update: harfbuzz-2.9.1-1.fc35 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 34 Update: mingw-harfbuzz-2.9.1-1.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 35 Update: mingw-harfbuzz-2.9.1-1.fc35 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
37425 - oss-fuzz - OSS-Fuzz: Fuzzing the planet - Monorail	MISC	bugs.chromium.org
[SECURITY] Fedora 35 Update: harfbuzz-2.9.1-1.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[set] Make all operators null-safe again · harfbuzz/harfbuzz@d3e09bf · GitHub	MISC	github.com
HarfBuzz: Multiple vulnerabilities (GLSA 202209-11) — Gentoo security	GENTOO	security.gentoo.org
[SECURITY] Fedora 34 Update: mingw-harfbuzz-2.9.1-1.fc34 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
CVE Program record	CVE.ORG	www.cve.org

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[282231](#) Fedora Security Update for mingw (FEDORA-2022-a03b13b4d2)

[282232](#) Fedora Security Update for mingw (FEDORA-2022-4bfa39df02)

[282267](#) Fedora Security Update for harfbuzz (FEDORA-2022-b3b5ac4053)

[354352](#) Amazon Linux Security Advisory for harfbuzz : ALAS2022-2022-027

[354365](#) Amazon Linux Security Advisory for harfbuzz : ALAS2022-2022-181

[355134](#) Amazon Linux Security Advisory for harfbuzz : ALAS2023-2023-036

[710621](#) Gentoo Linux HarfBuzz Multiple Vulnerabilities (GLSA 202209-11)

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