



CVE-2021-42612

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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Fedora](#) from [Fedoraproject](#) contain the following vulnerability:

A use after free in cleanup_index in index.c in Halibut 1.2 allows an attacker to cause a segmentation fault or possibly have other unspecified impact via a crafted text document.

CVE-2021-42612 has been assigned by [M](#) cve@mitre.org 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
Case Study: Security Analysis of Halibut - Carter Yagemann	carteryagemann.com text/html	MISC carteryagemann.com/halibut-case-study.html#poc-halibut-text-uaf
[SECURITY] Fedora 35 Update: halibut-1.3-3.fc35 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2022-9a9abd295b

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Related QID Numbers

[182108](#) Debian Security Update for halibut (CVE-2021-42612)

[282821](#) Fedora Security Update for halibut (FEDORA-2022-9a9abd295b)

Exploit/POC from Github

This repository contains a collection of data files on known Common Vulnerabilities and Exposures (CVEs). Each file i...

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	35	All	All	All
Application	Halibut Project	Halibut	1.2	All	All	All
cpe:2.3:o:fedoraproject:fedora:35:*:*:*:*:*:						
cpe:2.3:a:halibut_project:halibut:1.2:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-42612 : A use after free in cleanup_index in index.c in Halibut 1.2 allows an attacker to cause a segmenta... twitter.com/i/web/status/1...	2022-05-24 19:08:02
 /r/netcve	CVE-2021-42612	2022-05-24 19:38:57

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