



CVE-2021-42378

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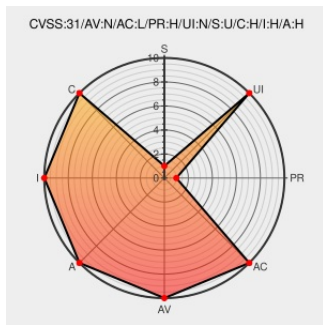
CVE-2021-42378

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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

A use-after-free in Busybox's awk applet leads to denial of service and possibly code execution when processing a crafted awk pattern in the `getvar_i` function

CVE-2021-42378 has been assigned by [security@jfrog.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [busybox](#) - **busybox** version < 1.34.0

CVSS3 Score: **7.2 - HIGH**

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

CVSS2 Score: **6.5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
November 2021 BusyBox Vulnerabilities in NetApp Products NetApp Product Security	security.netapp.com text/html	CONFIRM security.netapp.com/advisory/ntap-20211223-0002/

Unboxing BusyBox - 14 new vulnerabilities uncovered by Claroty and JFrog | JFrog

Third Party Advisory
jfrog.com
text/html

MISC [jfrog.com/blog/unboxing-busybox-14-new-vulnerabilities-uncovered-by-claroty-and-jfrog/](https://www.jfrog.com/blog/unboxing-busybox-14-new-vulnerabilities-uncovered-by-claroty-and-jfrog/)

[SECURITY] Fedora 33 Update: busybox-1.34.1-1.fc33 - package-announce - Fedora Mailing-Lists

lists.fedoraproject.org
text/html

FEDORA [FEDORA-2021-5a95823596](https://lists.fedoraproject.org/pipermail/package-announce/202109/0000000000.html)

No Description Provided

lists.fedoraproject.org

FEDORA [FEDORA-2021-c52c0fe490](https://lists.fedoraproject.org/pipermail/package-announce/202109/0000000000.html)

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Related QID Numbers


- [198599](#) Ubuntu Security Notification for BusyBox Vulnerabilities (USN-5179-1)
- [282073](#) Fedora Security Update for busybox (FEDORA-2021-c52c0fe490)
- [282074](#) Fedora Security Update for busybox (FEDORA-2021-5a95823596)
- [353116](#) Amazon Linux Security Advisory for busybox : ALAS-2022-1558
- [353241](#) Amazon Linux Security Advisory for busybox : AL2012-2022-358
- [376088](#) BusyBox Use After Free Vulnerability
- [500082](#) Alpine Linux Security Update for busybox
- [501387](#) Alpine Linux Security Update for busybox
- [501735](#) Alpine Linux Security Update for busybox
- [501950](#) Alpine Linux Security Update for busybox
- [671364](#) EulerOS Security Update for busybox (EulerOS-SA-2022-1303)
- [671377](#) EulerOS Security Update for busybox (EulerOS-SA-2022-1287)
- [671487](#) EulerOS Security Update for busybox (EulerOS-SA-2022-1472)
- [671518](#) EulerOS Security Update for busybox (EulerOS-SA-2022-1463)
- [730371](#) McAfee Web Gateway Multiple Vulnerabilities (WP-3335,WP-4131,WP-4159,WP-4237,WP-4259,WP-4329,WP-4348,WP-4355,WP-4376,WP-4407,WP-4421)
- [751624](#) SUSE Enterprise Linux Security Update for busybox (SUSE-SU-2022:0135-1)
- [751633](#) OpenSUSE Security Update for busybox (openSUSE-SU-2022:0135-1)
- [752794](#) SUSE Enterprise Linux Security Update for busybox (SUSE-SU-2022:3959-1)
- [752903](#) SUSE Enterprise Linux Security Update for busybox (SUSE-SU-2022:4253-1)
- [900408](#) Common Base Linux Mariner (CBL-Mariner) Security Update for busybox (6187)
- [900958](#) Common Base Linux Mariner (CBL-Mariner) Security Update for busybox (6345-1)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Busybox	Busybox	All	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
cpe:2.3:a:busybox:busybox:*:*:*:*:*:*:						
cpe:2.3:o:fedoraproject:fedora:33:*:*:*:*:*:*:						
cpe:2.3:o:fedoraproject:fedora:34:*:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-42378 : A use-after-free in Busybox's awk applet leads to denial of service and possibly code execution wh... twitter.com/i/web/status/1...	2021-11-15 21:12:31

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