



# CVE-2021-21381

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

## Summary

<b>CVE</b>	CVE-2021-21381
<b>State</b>	PUBLIC
<b>Assigner</b>	security-advisories@github.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-03-11 17:15:00 UTC
<b>Updated</b>	2023-12-23 10:15:00 UTC
<b>Description</b>	Flatpak is a system for building, distributing, and running sandboxed desktop applications on Linux. In Flatpack since versio

## Risk And Classification

### Problem Types: CWE-74

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	33	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	34	All	All	All
Application	<a href="#">Flatpak</a>	<a href="#">Flatpak</a>	All	All	All	All

## References

Reference	Source	Link
Release Release 1.10.2 · flatpak/flatpak · GitHub	MISC	<a href="#">github.com</a>
Disallow @@ and @@u magic tokens in desktop files by smcv · Pull Request #4156 · flatpak/flatpak · GitHub	MISC	<a href="#">github.com</a>
dir: Reserve the whole @@ prefix · flatpak/flatpak@eb7946b · GitHub	MISC	<a href="#">github.com</a>
Disallow @@ and @@u usage in desktop files · flatpak/flatpak@8279c58 · GitHub	MISC	<a href="#">github.com</a>
[SECURITY] Fedora 34 Update: flatpak-1.10.2-1.fc34 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject.org</a>
[SECURITY] Fedora 33 Update: flatpak-1.10.2-1.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.org</a>
Debian -- Security Information -- DSA-4868-1 flatpak	DEBIAN	<a href="#">www.debian.org</a>
Flatpak: Multiple Vulnerabilities (GLSA 202312-12) — Gentoo security		<a href="#">security.gentoo.org</a>
[SECURITY] Fedora 33 Update: flatpak-1.10.2-1.fc33 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject.org</a>
Sandbox escape via special tokens in .desktop file (flatpak#4146) · Advisory · flatpak/flatpak · GitHub	CONFIRM	<a href="#">github.com</a>

dir: Refuse to export .desktop files with suspicious uses of @@ tokens · flatpak/flatpak@a7401e6 · GitHub	MISC	<a href="https://github.com">github.com</a>
[SECURITY] Fedora 34 Update: flatpak-1.10.2-1.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

- [159127](#) Oracle Enterprise Linux Security Update for flatpak (ELSA-2021-1002)
- [159140](#) Oracle Enterprise Linux Security Update for flatpak (ELSA-2021-1068)
- [178523](#) Debian Security Update for flatpak (DSA 4868-1)
- [180371](#) Debian Security Update for flatpak (CVE-2021-21381)
- [198369](#) Ubuntu Security Notification for Flatpak vulnerability (USN-4951-1)
- [239186](#) Red Hat Update for flatpak (RHSA-2021:1002)
- [239205](#) Red Hat Update for flatpak (RHSA-2021:1074)
- [239206](#) Red Hat Update for flatpak (RHSA-2021:1073)
- [239210](#) Red Hat Update for flatpak (RHSA-2021:1068)
- [257101](#) CentOS Security Update for flatpak (CESA-2021:1002)
- [281511](#) Fedora Security Update for flatpak (FEDORA-2021-26ad138ffa)
- [281512](#) Fedora Security Update for flatpak (FEDORA-2021-fe7decc595)
- [352263](#) Amazon Linux Security Advisory for flatpak: ALAS2-2021-1625
- [377061](#) Alibaba Cloud Linux Security Update for flatpak (ALINUX2-SA-2021:0016)
- [377100](#) Alibaba Cloud Linux Security Update for flatpak (ALINUX3-SA-2021:0023)
- [670702](#) EulerOS Security Update for flatpak (EulerOS-SA-2021-2460)
- [670907](#) EulerOS Security Update for flatpak (EulerOS-SA-2021-2460)
- [710812](#) Gentoo Linux Flatpak Multiple Vulnerabilities (GLSA 202312-12)
- [752538](#) SUSE Enterprise Linux Security Update for flatpak (SUSE-SU-2022:2990-1)
- [940181](#) AlmaLinux Security Update for flatpak (ALSA-2021:1068)

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