

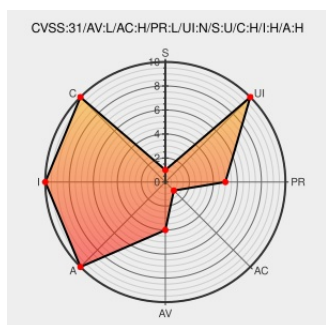


CVE-2020-12050

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CVE-2020-12050

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

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

SQLiteODBC 0.9996, as packaged for certain Linux distributions as 0.9996-4, has a race condition leading to root privilege escalation because any user can replace a /tmp/sqliteodbc\$\$ file with new contents that cause loading of an arbitrary library.

CVE-2020-12050 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7 - HIGH**

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

CVSS2 Score: **6.9 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Le lab' - Sysdream	Third Party Advisory sysdream.com text/html	MISC sysdream.com/news/lab/
[security-announce] openSUSE-SU-2020:0612-1:	Mailing List	SUSE openSUSE-SU-2020:0612

important: Security update	Third Party Advisory lists.opensuse.org text/html	
1825762 – Packaging vulnerability in sqliteODBC exposing to local privilege escalation to root	Issue Tracking Third Party Advisory bugzilla.redhat.com text/html	 CONFIRM bugzilla.redhat.com/show_bug.cgi?id=1825762
[SECURITY] Fedora 31 Update: sqliteodbc-0.9996-6.fc31 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	 FEDORA FEDORA-2020-c98c7da2f6
[SECURITY] Fedora 32 Update: sqliteodbc-0.9996-6.fc32 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	 FEDORA FEDORA-2020-df7c647fa3
SQLite ODBC Driver	Vendor Advisory www.ch-werner.de text/html	 MISC www.ch-werner.de/sqliteodbc/
[SECURITY] Fedora 30 Update: sqliteodbc-0.9996-4.fc30 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	 FEDORA FEDORA-2020-1e85425a52
Sysdream, [CVE-2020-12050] Fedora/Red Hat/CentOS local privilege escalation through a race condition in the sqliteODBC installer script	sysdream.com text/html	 MISC sysdream.com/news/lab/2020-05-25-cve-2020-12050-fedora-red-hat-centos-local-privilege-escalation-through-a-race-condition-in-the-sqliteodbc-installer-script/
[security-announce] openSUSE-SU-2020:0628-1: important: Security update	lists.opensuse.org text/html	 SUSE openSUSE-SU-2020:0628

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Application	Opensuse	Backports Sle	15.0	sp1	All	All
Application	Opensuse	Backports Sle	15.0	sp1	All	All
Application	Sqliteodbc Project	Sqliteodbc	0.9996	All	All	All

Application	Sqliteodbc Project	Sqliteodbc	0.9996	All	All	All
cpe:2.3:o:fedoraproject:fedora:30:*****:						
cpe:2.3:o:fedoraproject:fedora:31:*****:						
cpe:2.3:o:fedoraproject:fedora:32:*****:						
cpe:2.3:o:fedoraproject:fedora:30:*****:						
cpe:2.3:o:fedoraproject:fedora:31:*****:						
cpe:2.3:o:fedoraproject:fedora:32:*****:						
cpe:2.3:a:opensuse:backports_sle:15.0:sp1:*****:						
cpe:2.3:a:opensuse:backports_sle:15.0:sp1:*****:						
cpe:2.3:a:sqliteodbc_project:sqliteodbc:0.9996:*****:						
cpe:2.3:a:sqliteodbc_project:sqliteodbc:0.9996:*****:						

No vendor comments have been submitted for this CVE

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