



CVE-2020-29074

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

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

scan.c in x11vnc 0.9.16 uses IPC_CREAT|0777 in shmget calls, which allows access by actors other than the current user.

CVE-2020-29074 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	LOW	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
[SECURITY] Fedora 33 Update: x11vnc-0.9.16-5.fc33 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2021-93911302d6

[SECURITY] [DLA 2490-1] x11vnc security update	lists.debian.org text/html	 MLIST [debian-lts-announce] 20201210 [SECURITY] [DLA 2490-1] x11vnc security update
scan: limit access to shared memory segments to current user · LibVNC/x11vnc@69eeb9f · GitHub	Patch Third Party Advisory github.com text/html	 MISC github.com/LibVNC/x11vnc/commit/69eeb9f7baa14ca03b16c9de821f9876def7a36a
[SECURITY] Fedora 34 Update: x11vnc-0.9.16-6.fc34 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	 FEDORA FEDORA-2021-069c0c3950
[SECURITY] Fedora 32 Update: x11vnc-0.9.16-3.fc32 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	 FEDORA FEDORA-2021-c5b679877e
Debian -- Security Information -- DSA-4799-1 x11vnc	Third Party Advisory www.debian.org Deprecated Link text/html	 DEBIAN DSA-4799
By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.		

Related QID Numbers

[281569](#) Fedora Security Update for x11vnc (FEDORA-2021-c5b679877e)

[281570](#) Fedora Security Update for x11vnc (FEDORA-2021-93911302d6)

[281571](#) Fedora Security Update for x11vnc (FEDORA-2021-069c0c3950)

[501331](#) Alpine Linux Security Update for x11vnc

[501722](#) Alpine Linux Security Update for x11vnc

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Application	X11vnc Project	X11vnc	0.9.16	All	All	All
Application	X11vnc Project	X11vnc	0.9.16	All	All	All

cpe:2.3:o:debian:debian_linux:10.0:*****:
cpe:2.3:o:debian:debian_linux:9.0:*****:
cpe:2.3:o:fedoraproject:fedora:32:*****:
cpe:2.3:o:fedoraproject:fedora:33:*****:
cpe:2.3:o:fedoraproject:fedora:34:*****:
cpe:2.3:a:x11vnc_project:x11vnc:0.9.16:*****:
cpe:2.3:a:x11vnc_project:x11vnc:0.9.16:*****:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @SushiDude	*coughs* CVE-2020-29074 *coughs*	2021-06-21 03:36:37

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