

[SECURITY] [DLA 2998-1] kicad security update

- To: debian-lts-announce@lists.debian.org
- Subject: [SECURITY] [DLA 2998-1] kicad security update
- From: Stefano Rivera <stefanor@debian.org>
- Date: Mon, 9 May 2022 22:09:09 -0400
- Message-id: <[\[img alt="blue sphere icon" data-bbox="225 235 245 250"/> 20220510020909.qohhz5o32ainpffy@haydn.kardiogramm.net](mailto:20220510020909.qohhz5o32ainpffy@haydn.kardiogramm.net)>
- Mail-followup-to: Stefano Rivera <stefanor@debian.org>, debian-lts-announce@lists.debian.org
- Reply-to: debian-lts@lists.debian.org

Debian LTS Advisory DLA-2998-1 debian-lts@lists.debian.org
<https://www.debian.org/lts/security/> Stefano Rivera
May 09, 2022 <https://wiki.debian.org/LTS>

Package : kicad
Version : 4.0.5+dfsg1-4+deb9u1
CVE ID : CVE-2022-23803 CVE-2022-23804 CVE-2022-23946 CVE-2022-23947

KiCad is a suite of programs for the creation of printed circuit boards.
It includes a schematic editor, a PCB layout tool, support tools and a 3D
viewer to display a finished & fully populated PCB.

Several buffer-overflows were discovered in the Gerber Viewer and excellon
file parser, that could lead to code execution when opening a
maliciously-crafted file.

CVE-2022-23803

A stack-based buffer overflow vulnerability exists in the Gerber Viewer
gerber and excellon ReadXYCoord coordinate parsing functionality of KiCad
EDA.

CVE-2022-23804

A stack-based buffer overflow vulnerability exists in the Gerber Viewer
gerber and excellon ReadIJCoord coordinate parsing functionality of KiCad
EDA.

CVE-2022-23946

A stack-based buffer overflow vulnerability exists in the Gerber Viewer
gerber and excellon GCodeNumber parsing functionality of KiCad EDA.

CVE-2022-23947

A stack-based buffer overflow vulnerability exists in the Gerber Viewer
gerber and excellon DCodeNumber parsing functionality of KiCad EDA.

For Debian 9 stretch, these problems have been fixed in version
4.0.5+dfsg1-4+deb9u1.

We recommend that you upgrade your kicad packages.

For the detailed security status of kicad please refer to its security tracker page at:

<https://security-tracker.debian.org/tracker/kicad>

Further information about Debian LTS security advisories, how to apply these updates to your system and frequently asked questions can be found at: <https://wiki.debian.org/LTS>

Attachment: [signature.asc](#)

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