CVE-2013-4394

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CVE-2013-4394

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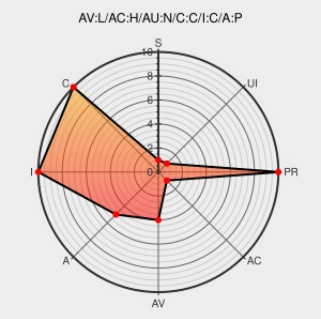

Certain versions of Debian Linux from Debian contain the following vulnerability:

The SetX11Keyboard function in systemd, when PolicyKit Local Authority (PKLA) is used to change the group permissions on the X Keyboard Extension (XKB) layouts description, allows local users in the group to modify the Xorg X11 Server configuration file and possibly gain privileges via vectors involving "special and control characters."

CVE-2013-4394 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: 5.9 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	HIGH	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	PARTIAL

CVE References

Description	Tags	Link
systemd: Multiple vulnerabilities (GLSA 201612-34) — Gentoo security	Third Party Advisory, security.gentoo.org, text/html	GENTOO GLSA-201612-34
oss-security - Re: [CVE request] systemd	Mailing List, Third Party Advisory, www.openwall.com, text/html	MLIST [oss-security] 20131001 Re: [CVE request] systemd
#725357 - CVE-2013-4392: TOCTOU race condition when updating file permissions and SELinux security contexts - Debian Bug report logs	Issue Tracking, Third Party Advisory, bugs.debian.org, text/html	CONFIRM bugs.debian.org/cgi-bin/bugreport.cgi?bug=725357
Bug 862324 – CVE-2013-4394 systemd: Improper sanitization of invalid XKB	Issue Tracking	CONFIRM

layouts descriptions (privilege escalation when custom PolicyKit local authority file used)	Patch Third Party Advisory bugzilla.redhat.com text/html	bugzilla.redhat.com/show_bug.cgi?id=862324
Debian -- Security Information -- DSA-2777-1 systemd	Third Party Advisory www.debian.org Depreciated Link text/html	DEBIAN DSA-2777

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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	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Application	Freedesktop	Systemd	All	All	All	All
Application	Freedesktop	Systemd	All	All	All	All
Application	Systemd Project	Systemd	All	All	All	All

cpe:2.3:o:debian:debian_linux:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:7.0:*:*:*:*:*:*:*:

cpe:2.3:a:freedesktop:systemd:*:*:*:*:*:*:*:*:

cpe:2.3:a:freedesktop:systemd:*:*:*:*:*:*:*:*:

cpe:2.3:a:systemd_project:systemd:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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