



CVE-2013-4391

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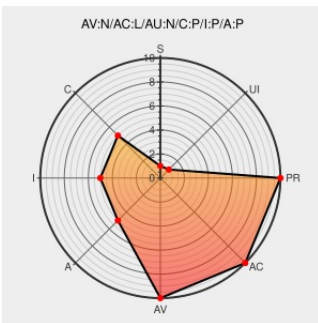
CVE-2013-4391

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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

Integer overflow in the valid_user_field function in journal/journal-native.c in systemd allows remote attackers to cause a denial of service (crash) and possibly execute arbitrary code via a large journal data field, which triggers a heap-based buffer overflow.

CVE-2013-4391 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: **7.5 - HIGH**

Access
Vector

Access
Complexity

Authentication

NETWORK

LOW

NONE

Confidentiality
Impact

Integrity
Impact

Availability
Impact

PARTIAL

PARTIAL

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](#)

Bug 859051 – CVE-2013-4391 systemd: Integer overflow, leading to heap-based buffer overflow by processing native messages

[Issue Tracking](#)
[Patch](#)
[Third Party Advisory](#)
bugzilla.redhat.com
[text/html](#)

[CONFIRM bugzilla.redhat.com/show_bug.cgi?id=859051](https://bugzilla.redhat.com/show_bug.cgi?id=859051)

#725357 - CVE-2013-4392: TOCTOU race condition when updating file permissions and SFI inux security contexts -

[Issue Tracking](#)
[Third Party Advisory](#)

[CONFIRM bugs.debian.org/cgi-bin/bugreport.cgi?bug=725357](https://bugs.debian.org/cgi-bin/bugreport.cgi?bug=725357)

updating the permissions and SELinux security contexts Debian Bug report logs	Third Party Advisory bugs.debian.org text/html	CVE-2023-12345
systemd/systemd - System and Session Manager	Exploit Patch Vendor Advisory cgit.freedesktop.org text/html	 CONFIRM cgit.freedesktop.org/systemd/systemd/commit/?id=505b6a61c22d5565e9308045c7b9bf79f7d0517e
Debian -- Security Information -- DSA-2777-1 systemd	Third Party Advisory www.debian.org Deprecated 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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CVE.report and Source URL Uptime Status [status.cve.report](#)