CVE-2021-20269

Published on: Not Yet Published

Last Modified on: 02/12/2023 10:15:00 PM UTC

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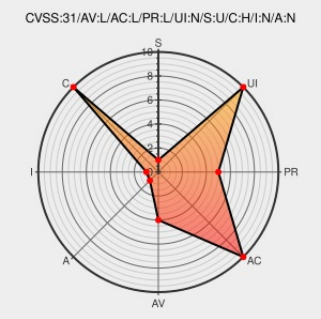
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Fedora from Fedoraproject contain the following vulnerability:

A flaw was found in the permissions of a log file created by kexec-tools. This flaw allows a local unprivileged user to read this file and leak kernel internal information from a previous panic. The highest threat from this vulnerability is to confidentiality. This flaw affects kexec-tools shipped by Fedora versions prior to 2.0.21-8 and RHEL versions prior to 2.0.20-47.

CVE-2021-20269 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.5 - MEDIUM

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

CVSS2 Score: 2.1 - LOW

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

CVE References

Description	Tags	Link
Red Hat Customer Portal - Access to 24x7 support and knowledge	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-

		2021:4404
1934261 – (CVE-2021-20269) CVE-2021-20269 kexec-tools: incorrect permissions on kdump dmesg file	bugzilla.redhat.com text/html	MISC bugzilla.redhat.com/show_bug.cgi?id=1934261
Red Hat Customer Portal - Access to 24x7 support and knowledge	access.redhat.com text/html	MISC access.redhat.com/security/cve/CVE-2021-20269

Related QID Numbers

159508 Oracle Enterprise Linux Security Update for kexec-tools (ELSA-2021-4404)

239789 Red Hat Update for kexec-tools security (RHSA-2021:4404)

672258 EulerOS Security Update for kexec-tools (EulerOS-SA-2022-2655)

672304 EulerOS Security Update for kexec-tools (EulerOS-SA-2022-2687)

940219 AlmaLinux Security Update for kexec-tools (ALSA-2021:4404)

960787 Rocky Linux Security Update for kexec-tools (RLSA-2021:4404)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	-	All	All	All
Application	Kexec-tools Project	Kexec-tools	All	All	All	All
Application	Kexec-tool Project	Kexec-tool	All	All	All	All
Operating System	Redhat	Enterprise Linux	-	All	All	All

cpe:2.3:o:fedoraproject:fedora:-:*:*:*:*:*:*:*:

cpe:2.3:a:kexec-tools_project:kexec-tools:*:*:*:*:*:*:*:*:

cpe:2.3:a:kexec-tool_project:kexec-tool:*:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	cve.report/CVE-2021-20269 A flaw was found in the permissions of a log file created by kexec-tools. This flaw allows… twitter.com/i/web/status/1…	2022-03-10 19:16:18

@WesUncensored	New vulnerability on the NVD: CVE-2021-20269 ift.tt/Yg3cmlt	2022-03-10 19:33:12

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