



CVE-2024-0646

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2024-0646
State	PUBLISHED
Assigner	Unknown
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-01-17 16:15:00 UTC
Updated	2024-03-13 15:15:00 UTC
Description	Description unavailable.

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	6.7	rc1	All	All
Operating System	Linux	Linux Kernel	6.7	rc2	All	All
Operating System	Linux	Linux Kernel	6.7	rc3	All	All
Operating System	Linux	Linux Kernel	6.7	rc4	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All

References

Reference

[RHSA-2024:1248](#)

[RHSA-2024:0851](#)

[2253908 – \(CVE-2024-0646\) CVE-2024-0646 kernel: ktls overwrites readonly memory pages when using function splice with a ktls socket as](#)

[RHSA-2024:0876](#)

[RHSA-2024:1278](#)

[RHSA-2024:0724](#)

[RHSA-2024:1269](#)

[RHSA-2024:1250](#)

RHSAs-2024:0897

net: tls, update curr on splice as well - kernel/git/torvalds/linux.git - Linux kernel source tree

RHSAs-2024:0723

cve-details

RHSAs-2024:0850

RHSAs-2024:1268

RHSAs-2024:0725

RHSAs-2024:0881

RHSAs-2024:1253

RHSAs-2024:1251

RHSAs-2024:1306

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[161372](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2024-12169)

[161402](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2024-0897)

[161417](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2024-1248)

[200116](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6639-1)

[200131](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6648-1)

[200132](#) Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-6652-1)

[200133](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6653-1)

[200134](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6651-1)

[200150](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6651-2)

[200151](#) Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-6648-2)

[200152](#) Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6653-2)

[200157](#) Ubuntu Security Notification for Linux kernel (StarFive) Vulnerabilities (USN-6651-3)

[200158](#) Ubuntu Security Notification for Linux kernel (Low Latency) Vulnerabilities (USN-6653-3)

[200165](#) Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-6653-4)

242887 Red Hat Update for kernel-rt (RHSA-2024:0725)
242890 Red Hat Update for kernel (RHSA-2024:0724)
242908 Red Hat Update for kernel (RHSA-2024:0723)
242930 Red Hat Update for kpatch-patch (RHSA-2024:0850)
242931 Red Hat Update for kpatch-patch (RHSA-2024:0851)
242938 Red Hat Update for kpatch-patch (RHSA-2024:0876)
242939 Red Hat Update for kernel (RHSA-2024:0897)
242983 Red Hat Update for kernel-rt (RHSA-2024:0881)
243050 Red Hat Update for kernel (RHSA-2024:1250)
243052 Red Hat Update for kernel (RHSA-2024:1248)
243053 Red Hat Update for kernel live patch module (RHSA-2024:1253)
243054 Red Hat Update for kpatch-patch (RHSA-2024:1251)
243055 Red Hat Update for kernel (RHSA-2024:1268)
243057 Red Hat Update for kpatch-patch (RHSA-2024:1278)
243058 Red Hat Update for kernel-rt (RHSA-2024:1269)
243062 Red Hat Update for kernel-rt (RHSA-2024:1306)
243076 Red Hat Update for kernel (RHSA-2024:1367)
243078 Red Hat Update for kpatch-patch (RHSA-2024:1368)
243085 Red Hat Update for kpatch-patch (RHSA-2024:1377)
243087 Red Hat Update for kernel (RHSA-2024:1404)
243096 Red Hat Update for kernel-rt (RHSA-2024:1382)
357101 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2024-048
357105 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2024-036
357112 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2024-059
357311 Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2024-166
357314 Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2024-167
357318 Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2024-169
6140032 AWS Bottlerocket Security Update for kernel (GHSA-vp24-6cwh-5x5c)
941584 AlmaLinux Security Update for kernel (ALSA-2024:0897)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)