

## [RHSA-2022:5998-01] Moderate: kernel security and bug f...

Article URL

[www.securityhome.eu/mailings/mailling.php?mid=21205](http://www.securityhome.eu/mailings/mailling.php?mid=21205)

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Red Hat Security Advisory

Synopsis: Moderate: kernel security and bug fix update  
Advisory ID: RHSA-2022:5998-01  
Product: Red Hat Enterprise Linux  
Advisory URL: <https://access.redhat.com/errata/RHSA-2022:5998>  
Issue date: 2022-08-09  
CVE Names: CVE-2022-1353

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### 1. Summary:

An update for kernel is now available for Red Hat Enterprise Linux 8.2 Extended Update Support.

Red Hat Product Security has rated this update as having a security impact of Moderate. A Common Vulnerability Scoring System (CVSS) base score, which gives a detailed severity rating, is available for each vulnerability from the CVE link(s) in the References section.

### 2. Relevant releases/architectures:

Red Hat CodeReady Linux Builder EUS (v. 8.2) - aarch64, ppc64le, x86\_64  
Red Hat Enterprise Linux BaseOS EUS (v. 8.2) - aarch64, noarch, ppc64le, s390x, x86\_64

### 3. Description:

The kernel packages contain the Linux kernel, the core of any Linux operating system.

### Security Fix(es):

\* A kernel-info-leak issue in pfkey\_register (CVE-2022-1353)

For more details about the security issue(s), including the impact, a CVSS score, acknowledgments, and other related information, refer to the CVE page(s) listed in the References section.

#### Bug Fix(es):

- \* kernel lockup/list corruption in semaphore code (BZ#2095494)
- \* Need some changes in RHEL8.x kernels. (BZ#2096933)
- \* backport "bnxt: don't lock the tx queue from napi poll" (BZ#2100421)
- \* net: openvswitch: fix parsing of nw\_proto for IPv6 fragments (BZ#2106705)

#### 4. Solution:

For details on how to apply this update, which includes the changes described in this advisory, refer to:

<https://access.redhat.com/articles/11258>

The system must be rebooted for this update to take effect.

#### 5. Bugs fixed (<https://bugzilla.redhat.com/>):

2066819 - CVE-2022-1353 Kernel: A kernel-info-leak issue in pfkey\_register

#### 6. Package List:

Red Hat Enterprise Linux BaseOS EUS (v. 8.2):

##### Source:

kernel-4.18.0-193.90.1.el8\_2.src.rpm

##### aarch64:

bpftool-4.18.0-193.90.1.el8\_2.aarch64.rpm  
bpftool-debuginfo-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-core-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-cross-headers-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-debug-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-debug-core-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-debug-debuginfo-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-debug-devel-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-debug-modules-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-debug-modules-extra-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-debuginfo-4.18.0-193.90.1.el8\_2.aarch64.rpm

kernel-debuginfo-common-aarch64-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-devel-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-headers-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-modules-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-modules-extra-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-tools-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-tools-debuginfo-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-tools-libs-4.18.0-193.90.1.el8\_2.aarch64.rpm  
perf-4.18.0-193.90.1.el8\_2.aarch64.rpm  
perf-debuginfo-4.18.0-193.90.1.el8\_2.aarch64.rpm  
python3-perf-4.18.0-193.90.1.el8\_2.aarch64.rpm  
python3-perf-debuginfo-4.18.0-193.90.1.el8\_2.aarch64.rpm

noarch:

kernel-abi-whitelists-4.18.0-193.90.1.el8\_2.noarch.rpm  
kernel-doc-4.18.0-193.90.1.el8\_2.noarch.rpm

ppc64le:

bpftool-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
bpftool-debuginfo-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-core-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-cross-headers-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-debug-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-debug-core-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-debug-debuginfo-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-debug-devel-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-debug-modules-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-debug-modules-extra-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-debuginfo-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-debuginfo-common-ppc64le-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-devel-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-headers-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-modules-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-modules-extra-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-tools-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-tools-debuginfo-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-tools-libs-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
perf-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
perf-debuginfo-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
python3-perf-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
python3-perf-debuginfo-4.18.0-193.90.1.el8\_2.ppc64le.rpm

s390x:

bpftool-4.18.0-193.90.1.el8\_2.s390x.rpm  
bpftool-debuginfo-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-core-4.18.0-193.90.1.el8\_2.s390x.rpm

kernel-cross-headers-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-debug-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-debug-core-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-debug-debuginfo-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-debug-devel-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-debug-modules-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-debug-modules-extra-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-debuginfo-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-debuginfo-common-s390x-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-devel-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-headers-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-modules-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-modules-extra-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-tools-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-tools-debuginfo-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-zfcpdump-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-zfcpdump-core-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-zfcpdump-debuginfo-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-zfcpdump-devel-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-zfcpdump-modules-4.18.0-193.90.1.el8\_2.s390x.rpm  
kernel-zfcpdump-modules-extra-4.18.0-193.90.1.el8\_2.s390x.rpm  
perf-4.18.0-193.90.1.el8\_2.s390x.rpm  
perf-debuginfo-4.18.0-193.90.1.el8\_2.s390x.rpm  
python3-perf-4.18.0-193.90.1.el8\_2.s390x.rpm  
python3-perf-debuginfo-4.18.0-193.90.1.el8\_2.s390x.rpm

x86\_64:

bpftool-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
bpftool-debuginfo-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-core-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-cross-headers-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-debug-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-debug-core-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-debug-debuginfo-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-debug-devel-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-debug-modules-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-debug-modules-extra-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-debuginfo-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-debuginfo-common-x86\_64-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-devel-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-headers-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-modules-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-modules-extra-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-tools-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-tools-debuginfo-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-tools-libs-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
perf-4.18.0-193.90.1.el8\_2.x86\_64.rpm

perf-debuginfo-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
python3-perf-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
python3-perf-debuginfo-4.18.0-193.90.1.el8\_2.x86\_64.rpm

Red Hat CodeReady Linux Builder EUS (v. 8.2):

aarch64:

bpftool-debuginfo-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-debug-debuginfo-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-debuginfo-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-debuginfo-common-aarch64-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-tools-debuginfo-4.18.0-193.90.1.el8\_2.aarch64.rpm  
kernel-tools-libs-devel-4.18.0-193.90.1.el8\_2.aarch64.rpm  
perf-debuginfo-4.18.0-193.90.1.el8\_2.aarch64.rpm  
python3-perf-debuginfo-4.18.0-193.90.1.el8\_2.aarch64.rpm

ppc64le:

bpftool-debuginfo-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-debug-debuginfo-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-debuginfo-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-debuginfo-common-ppc64le-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-tools-debuginfo-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
kernel-tools-libs-devel-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
perf-debuginfo-4.18.0-193.90.1.el8\_2.ppc64le.rpm  
python3-perf-debuginfo-4.18.0-193.90.1.el8\_2.ppc64le.rpm

x86\_64:

bpftool-debuginfo-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-debug-debuginfo-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-debuginfo-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-debuginfo-common-x86\_64-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-tools-debuginfo-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
kernel-tools-libs-devel-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
perf-debuginfo-4.18.0-193.90.1.el8\_2.x86\_64.rpm  
python3-perf-debuginfo-4.18.0-193.90.1.el8\_2.x86\_64.rpm

These packages are GPG signed by Red Hat for security. Our key and details on how to verify the signature are available from <https://access.redhat.com/security/team/key/>

## 7. References:

<https://access.redhat.com/security/cve/CVE-2022-1353>  
<https://access.redhat.com/security/updates/classification/#moderate>

## 8. Contact:

The Red Hat security contact is <[secalert@redhat.com](mailto:secalert@redhat.com)>. More contact

details at <https://access.redhat.com/security/team/contact/>

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