



CVE-2018-10840

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2018-10840
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-07-16 20:29:00 UTC
Updated	2023-02-13 04:50:00 UTC
Description	Linux kernel is vulnerable to a heap-based buffer overflow in the fs/ext4/xattr.c:ext4_xattr_set_entry() function. An attacker c

Risk And Classification

Problem Types: CWE-122

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All

References

Reference
1582346 – (CVE-2018-10840) CVE-2018-10840 kernel: Heap-based buffer overflow in fs/ext4/xattr.c:ext4_xattr_set_entry() with crafted ext4 i
USN-3752-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu
USN-3752-2: Linux kernel (HWE) vulnerabilities Ubuntu security notices Ubuntu
Linux Kernel CVE-2018-10840 Local Heap Based Buffer Overflow Vulnerability
1582346 – (CVE-2018-10840) CVE-2018-10840 kernel: Heap-based buffer overflow in fs/ext4/xattr.c:ext4_xattr_set_entry() with crafted ext4 i
Red Hat Customer Portal

[USN-3752-3: Linux kernel \(Azure, GCP, OEM\) vulnerabilities](#) | [Ubuntu security notices](#) | [Ubuntu](#)

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[CVE Program record](#)

[NVD vulnerability detail](#)



No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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