



# CVE-2018-11412

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## Summary

<b>CVE</b>	CVE-2018-11412
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2018-05-24 18:29:00 UTC
<b>Updated</b>	2019-03-15 13:54:00 UTC
<b>Description</b>	In the Linux kernel 4.13 through 4.16.11, ext4_read_inline_data() in fs/ext4/inline.c performs a memcpy with an untrusted le

## Risk And Classification

**Problem Types:** CWE-416

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.04	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All

## References

Reference	Source	Link
USN-3752-1: Linux kernel vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>
USN-3752-2: Linux kernel (HWE) vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>
1580 - Linux ext4: out-of-bounds memcpy via non-inline system.data xattr - project-zero - Monorail	MISC	<a href="https://bugs.chromium.org">bugs.chromium.org</a>
Linux kernel CVE-2018-11412 Out-of-Bounds Security Vulnerability	BID	<a href="https://www.securityfocus.com">www.securityfocus.com</a>
Red Hat Customer Portal	REDHAT	<a href="https://access.redhat.com">access.redhat.com</a>
USN-3752-3: Linux kernel (Azure, GCP, OEM) vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>
Linux Kernel < 4.16.11 - 'ext4_read_inline_data()' Memory Corruption - Linux dos Exploit	EXPLOIT-DB	<a href="https://www.exploit-db.com">www.exploit-db.com</a>
199803 – out-of-bounds memcpy via non-inline system.data xattr	MISC	<a href="https://bugzilla.kernel.org">bugzilla.kernel.org</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>

No vendor comments have been submitted for this CVE.

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

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