



# CVE-2019-9162

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2019-9162
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-02-25 23:29:00 UTC
<b>Updated</b>	2022-04-05 20:46:00 UTC
<b>Description</b>	In the Linux kernel before 4.20.12, net/ipv4/netfilter/nf_nat_snmp_basic_main.c in the SNMP NAT module has insufficient A

## Risk And Classification

**Problem Types:** CWE-787

## 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>	18.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.10	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">Cn1610</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">Cn1610 Firmware</a>	-	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Element Software Management</a>	-	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Element Software Management</a>	-	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Hci Management Node</a>	-	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Snapprotect</a>	-	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Solidfire</a>	-	All	All	All

## References

Reference	Source	Link
<a href="https://cdn.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.20.12">cdn.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.20.12</a>	MISC	<a href="https://cdn.kernel.org">cdn.kernel.org</a>
March 2019 Linux Kernel Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>
<a href="https://kernel/git/torvalds/linux.git">kernel/git/torvalds/linux.git</a> - Linux kernel source tree	MISC	<a href="https://git.kernel.org">git.kernel.org</a>

Linux < 4.14.103 / < 4.19.25 - Out-of-Bounds Read and Write in SNMP NAT Module - Linux dos Exploit	EXPLOIT-DB	<a href="http://www.exploit-db.com">www.exploit-db.co</a>
netfilter: nf_nat_snmp_basic: add missing length checks in ASN.1 cbs · torvalds/linux@c4c07b4 · GitHub	MISC	<a href="https://github.com">github.com</a>
<a href="https://support.f5.com/csp/article/K31864522">support.f5.com/csp/article/K31864522</a>	CONFIRM	<a href="https://support.f5.com">support.f5.com</a>
USN-3930-1: Linux kernel vulnerabilities   Ubuntu security notices	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>
USN-3930-2: Linux kernel (HWE) vulnerabilities   Ubuntu security notices	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>
1776 - project-zero - Project Zero - Monorail	MISC	<a href="https://bugs.chromium.org">bugs.chromium.or</a>
Linux Kernel CVE-2019-9162 Local Privilege Escalation Vulnerability	BID	<a href="http://www.securityfocus.com">www.securityfocus</a>
<a href="https://cdn.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.19.25">cdn.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.19.25</a>	MISC	<a href="https://cdn.kernel.org">cdn.kernel.org</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

#### Legacy QID Mappings

[377042](#) Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2019:0014)

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