# CVE-2019-14459

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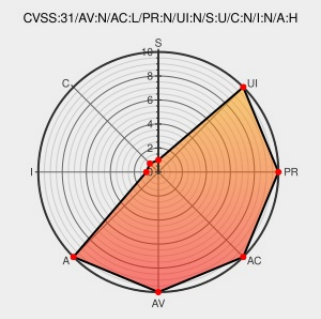
## CVE-2019-14459

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF




Certain versions of Debian Linux from Debian contain the following vulnerability:

nfdump 1.6.17 and earlier is affected by an integer overflow in the function Process_ipfix_template_withdraw in ipfix.c that can be abused in order to crash the process remotely (denial of service).

CVE-2019-14459 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

### CVSS3 Score: 7.5 - HIGH

| Attack Vector | Attack Complexity | Privileges Required | User Interaction |
|---|---|---|---|
| NETWORK | LOW | NONE | NONE |
| **Scope** | **Confidentiality Impact** | **Integrity Impact** | **Availability Impact** |
| UNCHANGED | NONE | NONE | HIGH |

### CVSS2 Score: 5 - MEDIUM

| Access Vector | Access Complexity | Authentication |
|---|---|---|
| NETWORK | LOW | NONE |
| **Confidentiality Impact** | **Integrity Impact** | **Availability Impact** |
| NONE | NONE | PARTIAL |

### CVE References

| Description | Tags | Link |
|---|---|---|
| [SECURITY] Fedora 30 Update: nfdump-1.6.18-1.fc30 - package-announce - Fedora Mailing-Lists | lists.fedoraproject.org text/html | FEDORA FEDORA-2019-0fbfb00cbb |
| [SECURITY] Fedora 29 Update: | lists.fedoraproject.org | FEDORA FEDORA-2019-9013b5e75d |

| | | |
|---|---|---|
| nfdump-1.6.18-1.fc29 - package-announce - Fedora Mailing-Lists | text/html | |
| Integer overflow in Process_ipfix_template_withdraw (ipfix.c) · Issue #171 · phaag/nfdump · GitHub | Exploit<br>Third Party Advisory<br>github.com<br>text/html | MISC github.com/phaag/nfdump/issues/171 |
| Fix potential unsigned integer underflow · phaag/nfdump@3b006ed · GitHub | Patch<br>Third Party Advisory<br>github.com<br>text/html | MISC github.com/phaag/nfdump/commit/3b006ededaf351f1723aea6c727c9edd1b1fff9b |
| nfdump: Multiple vulnerabilities (GLSA 202003-17) — Gentoo security | security.gentoo.org<br>text/html | GENTOO GLSA-202003-17 |
| [SECURITY] [DLA 2383-1] nfdump security update | lists.debian.org<br>text/html | MLIST [debian-lts-announce] 20200926 [SECURITY] [DLA 2383-1] nfdump security update |



## Related QID Numbers

500422 Alpine Linux Security Update for nfdump

## Known Affected Configurations (CPE V2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Operating System | Debian | Debian Linux | 9.0 | All | All | All |
| Operating System | Fedoraproject | Fedora | 29 | All | All | All |
| Operating System | Fedoraproject | Fedora | 30 | All | All | All |
| Application | Nfdump Project | Nfdump | All | All | All | All |

cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:*:*:

cpe:2.3:o:fedoraproject:fedora:29:*:*:*:*:*:*:*:

cpe:2.3:o:fedoraproject:fedora:30:*:*:*:*:*:*:*:

cpe:2.3:a:nfdump_project:nfdump:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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Next ID→

**CVE.report and Source URL Uptime Status status.cve.report**