



# CVE-2019-14855

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

## Summary

<b>CVE</b>	CVE-2019-14855
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-03-20 16:15:00 UTC
<b>Updated</b>	2022-11-08 02:28:00 UTC
<b>Description</b>	A flaw was found in the way certificate signatures could be forged using collisions found in the SHA-1 algorithm. An attacker

## Risk And Classification

**Problem Types:** CWE-326

## 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="#">Fedoraproject</a>	<a href="#">Fedora</a>	30	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	31	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	30	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	31	All	All	All
Application	<a href="#">Gnupg</a>	<a href="#">Gnupg</a>	All	All	All	All
Application	<a href="#">Gnupg</a>	<a href="#">Gnupg</a>	All	All	All	All

## References

Reference	Source	Link
USN-4516-1: GnuPG vulnerability   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>
<a href="https://rwc.iacr.org/2020/slides/Leurent.pdf">rwc.iacr.org/2020/slides/Leurent.pdf</a>	MISC	<a href="https://rwc.iacr.org">rwc.iacr.org</a>
<a href="#">🔗 T4755 WoT forgeries using SHA-1</a>	MISC	<a href="https://dev.gnupg.org">dev.gnupg.org</a>
[Announce] GnuPG 2.2.18 released	MISC	<a href="https://lists.gnupg.org">lists.gnupg.org</a>
1770900 – (CVE-2019-14855) CVE-2019-14855 gnupg2: OpenPGP Key Certification Forgeries with SHA-1	CONFIRM	<a href="https://bugzilla.redhat.com">bugzilla.redhat.com</a>
CVE Program record	CVE.ORG	<a href="https://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

[296073](#) Oracle Solaris 11.4 Support Repository Update (SRU) 24.75.2 Missing (CPUJUL2020)

[500228](#) Alpine Linux Security Update for gnupg

[503973](#) Alpine Linux Security Update for gnupg

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