



# CVE-2018-10846

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## Summary

<b>CVE</b>	CVE-2018-10846
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2018-08-22 13:29:00 UTC
<b>Updated</b>	2023-02-13 04:50:00 UTC
<b>Description</b>	A cache-based side channel in GnuTLS implementation that leads to plain text recovery in cross-VM attack setting was four

## Risk And Classification

**Problem Types:** CWE-385

## 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>	18.10	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	19.04	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="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.10	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	19.04	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	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>	32	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>	32	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gnutls</a>	All	All	All	All
Application	<a href="#">Gnu</a>	<a href="#">Gnutls</a>	All	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Desktop</a>	7.0	All	All	All

Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Desktop</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Workstation</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Workstation</a>	7.0	All	All	All

## References

### Reference

[SECURITY] Fedora 31 Update: mingw-gnutls-3.6.13-1.fc31 - package-announce - Fedora Mailing-Lists

[SECURITY] [DLA 1560-1] gnutls28 security update

Red Hat Customer Portal

[SECURITY] Fedora 32 Update: mingw-gnutls-3.6.13-1.fc32 - package-announce - Fedora Mailing-Lists

Malformed Request

1582574 – (CVE-2018-10846) CVE-2018-10846 gnutls: "Just in Time" PRIME + PROBE cache-based side channel attack can lead to plaintext

Red Hat Customer Portal

[SECURITY] Fedora 31 Update: mingw-gnutls-3.6.13-1.fc31 - package-announce - Fedora Mailing-Lists

USN-3999-1: GnuTLS vulnerabilities | Ubuntu security notices

Address issues in record layer decoding (I657) · Merge Requests · gnutls / GnuTLS · GitLab

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[SECURITY] Fedora 32 Update: mingw-gnutls-3.6.13-1.fc32 - package-announce - Fedora Mailing-Lists

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eprint.iacr.org/2018/747

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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