



# CVE-2017-14737

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

## Summary

<b>CVE</b>	CVE-2017-14737
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-09-26 01:29:00 UTC
<b>Updated</b>	2021-12-15 14:11:00 UTC
<b>Description</b>	A cryptographic cache-based side channel in the RSA implementation in Botan before 1.10.17, and 1.11.x and 2.x before 2

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.0	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.1	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.10	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.11	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.12	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.13	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.14	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.15	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.16	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.17	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.18	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.19	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.2	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.20	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.21	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.22	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.23	All	All	All

Application	Botan Project	Botan	1.11.24	All	All	All
Application	Botan Project	Botan	1.11.25	All	All	All
Application	Botan Project	Botan	1.11.26	All	All	All
Application	Botan Project	Botan	1.11.27	All	All	All
Application	Botan Project	Botan	1.11.28	All	All	All
Application	Botan Project	Botan	1.11.3	All	All	All
Application	Botan Project	Botan	1.11.33	All	All	All
Application	Botan Project	Botan	1.11.34	All	All	All
Application	Botan Project	Botan	1.11.4	All	All	All
Application	Botan Project	Botan	1.11.5	All	All	All
Application	Botan Project	Botan	1.11.6	All	All	All
Application	Botan Project	Botan	1.11.7	All	All	All
Application	Botan Project	Botan	1.11.8	All	All	All
Application	Botan Project	Botan	1.11.9	All	All	All
Application	Botan Project	Botan	2.0.0	All	All	All
Application	Botan Project	Botan	2.0.1	All	All	All
Application	Botan Project	Botan	2.1.0	All	All	All
Application	Botan Project	Botan	2.2.0	All	All	All
Application	Botan Project	Botan	1.11.0	All	All	All
Application	Botan Project	Botan	1.11.1	All	All	All
Application	Botan Project	Botan	1.11.10	All	All	All
Application	Botan Project	Botan	1.11.11	All	All	All
Application	Botan Project	Botan	1.11.12	All	All	All
Application	Botan Project	Botan	1.11.13	All	All	All
Application	Botan Project	Botan	1.11.14	All	All	All
Application	Botan Project	Botan	1.11.15	All	All	All
Application	Botan Project	Botan	1.11.16	All	All	All
Application	Botan Project	Botan	1.11.17	All	All	All
Application	Botan Project	Botan	1.11.18	All	All	All
Application	Botan Project	Botan	1.11.19	All	All	All
Application	Botan Project	Botan	1.11.2	All	All	All
Application	Botan Project	Botan	1.11.20	All	All	All
Application	Botan Project	Botan	1.11.21	All	All	All
Application	Botan Project	Botan	1.11.22	All	All	All
Application	Botan Project	Botan	1.11.23	All	All	All

Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.24	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.25	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.26	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.27	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.28	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.3	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.33	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.34	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.4	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.5	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.6	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.7	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.8	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	1.11.9	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	2.0.0	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	2.0.1	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	2.1.0	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	2.2.0	All	All	All
Application	<a href="#">Botan Project</a>	<a href="#">Botan</a>	All	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All

## References

Reference	Source	Link	Tags
[SECURITY] [DLA 2812-1] botan1.10 security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
CacheD: Identifying Cache-Based Timing Channels in Production Software   USENIX	MISC	<a href="https://www.usenix.org">www.usenix.org</a>	Third Party Ad
Investigate RSA side channel from Usenix Security · Issue #1222 · randombit/botan · GitHub	MISC	<a href="https://github.com">github.com</a>	Issue Tracking
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, ana

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[178886](#) Debian Security Update for botan1.10 (DLA 2812-1)

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