



CVE-2017-17845

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2017-17845
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-12-27 17:08:19 UTC
Updated	2025-04-20 01:37:25 UTC
Description	An issue was discovered in Enigmail before 1.9.9. Improper Random Secret Generation occurs because Math.Random() is

Risk And Classification

Primary CVSS: v3.0 7.3 HIGH from nvd@nist.gov

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:L

Problem Types: CWE-338 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.3	HIGH	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:L
2.0	nvd@nist.gov	Primary	7.5		AV:N/AC:L/Au:N/C:P/I:P/A:P

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

Low

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:L

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:L/Au:N/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Enigmail	Enigmail	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source	Link
Debian -- Security Information -- DSA-4070-1 enigmail	af854a3a-2127-422b-91ae-364da2661108	www
Re: [Enigmail] [ANN] Enigmail v1.9.9 available	af854a3a-2127-422b-91ae-364da2661108	www
[SECURITY] [DSA 4070-1] enigmail security update	af854a3a-2127-422b-91ae-364da2661108	lists
[SECURITY] [DLA 1219-1] enigmail security update	af854a3a-2127-422b-91ae-364da2661108	lists
enigmail.net/download/other/Enigmail%20Pentest%20Report%20by%20Cure53%20-%...	af854a3a-2127-422b-91ae-364da2661108	enig
Re: [Enigmail] [ANN] Enigmail v1.9.9 available	MITRE	www
CVE Program record	CVE.ORG	www
NVD vulnerability detail	NVD	nvd

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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