

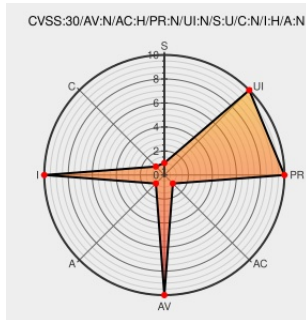


CVE-2019-8338

Published on: 05/16/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:55 PM UTC

CVE-2019-8338

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Gpg-gpg](#) from [Gpg-gpg Project](#) contain the following vulnerability:

The signature verification routine in the Airmail GPG-PGP Plugin, versions 1.0 (9) and earlier, does not verify the status of the signature at all, which allows remote attackers to spoof arbitrary email signatures by crafting a signed email with an invalid signature. Also, it does not verify the validity of the signing key, which allows remote attackers to spoof arbitrary email signatures by crafting a key with a fake user ID (email address) and injecting it into the user's keyring.

CVE-2019-8338 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.9 - MEDIUM**

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

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
Commit: Airmail/AirmailDesktop Framework, GitHub	CVE-2019-8338	MISC github.com/Airmail/AirmailDesktop

Commits · Airmail/AirmailPlugin-Framework · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/Airmail/AirmailPlugin-Framework/commits/master
Johnny-You-Are-Fired/johnny-fired.pdf at master · RUB-NDS/Johnny-You-Are-Fired · GitHub	Third Party Advisory github.com text/html	MISC github.com/RUB-NDS/Johnny-You-Are-Fired/blob/master/paper/johnny-fired.pdf
GitHub - RUB-NDS/Johnny-You-Are-Fired: Artifacts for the USENIX publication.	Third Party Advisory github.com text/html	MISC github.com/RUB-NDS/Johnny-You-Are-Fired
Johnny You Are Fired ≈ Packet Storm	Third Party Advisory VDB Entry packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/152703/Johnny-You-Are-Fired.html
Full Disclosure: OpenPGP and S/MIME signature forgery attacks in multiple email clients	Mailing List Third Party Advisory seclists.org text/html	FULLDISC 20190430 OpenPGP and S/MIME signature forgery attacks in multiple email clients
oss-security - Spoofing OpenPGP and S/MIME Signatures in Emails (multiple clients)	Mailing List Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20190430 Spoofing OpenPGP and S/MIME Signatures in Emails (multiple clients)

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Application	Gpg-gpg Project	Gpg-gpg	All	All	All	All
Application	Gpg-gpg Project	Gpg-gpg	All	All	All	All
cpe:2.3:a:gpg-gpg_project:gpg-gpg:*:*:*:*:airmail:*:*						
cpe:2.3:a:gpg-gpg_project:gpg-gpg:*:*:*:*:airmail:*:*						

No vendor comments have been submitted for this CVE

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