



CVE-2013-4351

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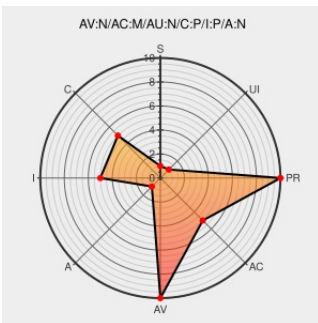
CVE-2013-4351

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Gnupg](#) from [Gnupg](#) contain the following vulnerability:

GnuPG 1.4.x, 2.0.x, and 2.1.x treats a key flags subpacket with all bits cleared (no usage permitted) as if it has all bits set (all usage permitted), which might allow remote attackers to bypass intended cryptographic protection mechanisms by leveraging the subkey.

CVE-2013-4351 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: **5.8 - MEDIUM**

Access
Vector

Access
Complexity

Authentication

NETWORK

MEDIUM

NONE

Confidentiality
Impact

Integrity
Impact

Availability
Impact

PARTIAL

PARTIAL

NONE

CVE References

Description

Tags

Link

openSUSE-SU-2013:1532-1:
moderate: update for gpg2

lists.opensuse.org
[text/html](#)

[SUSE openSUSE-SU-2013:1532](#)

openSUSE-SU-2013:1526-1:
moderate: update for gpg2

lists.opensuse.org
[text/html](#)

[SUSE openSUSE-SU-2013:1526](#)

1010137 – (CVE-2013-4351) CVE-
2013-4351 gnupg: treats no-usage-
permitted keys as all-usages-
permitted

bugzilla.redhat.com
[text/html](#)

[CONFIRM bugzilla.redhat.com/show_bug.cgi?id=1010137](https://bugzilla.redhat.com/show_bug.cgi?id=1010137)

Debian -- Security Information --
DSA-2774-1 gnupg2

www.debian.org
Depreciated Link
[text/html](#)

[DEBIAN DSA-2774](#)

oss-security - Re: GnuPG treats
no-usage-permitted keys as all-

www.openwall.com
[text/html](#)

[MLIST \[oss-security\] 20130913 Re: GnuPG treats no-usage-permitted keys as all-usages-permitted](#)

usages-permitted		
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	 REDHAT RHSA-2013:1459
thread.gmane.org 522: Connection timed out	thread.gmane.org text/html Inactive Link Not Archived	 CONFIRM thread.gmane.org/gmane.comp.encryption.gpg.devel/17712/focus=18138
Debian -- Security Information -- DSA-2773-1 gnupg	www.debian.org Deprecated Link text/html	 DEBIAN DSA-2773
USN-1987-1: GnuPG vulnerabilities Ubuntu	ubuntu.com text/html	 UBUNTU USN-1987-1

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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	Gnupg	Gnupg	1.4.0	All	All	All
Application	Gnupg	Gnupg	1.4.10	All	All	All
Application	Gnupg	Gnupg	1.4.11	All	All	All
Application	Gnupg	Gnupg	1.4.12	All	All	All
Application	Gnupg	Gnupg	1.4.13	All	All	All
Application	Gnupg	Gnupg	1.4.2	All	All	All
Application	Gnupg	Gnupg	1.4.3	All	All	All
Application	Gnupg	Gnupg	1.4.4	All	All	All
Application	Gnupg	Gnupg	1.4.5	All	All	All
Application	Gnupg	Gnupg	1.4.6	All	All	All
Application	Gnupg	Gnupg	1.4.8	All	All	All
Application	Gnupg	Gnupg	2.0	All	All	All
Application	Gnupg	Gnupg	2.0.1	All	All	All
Application	Gnupg	Gnupg	2.0.10	All	All	All
Application	Gnupg	Gnupg	2.0.11	All	All	All
Application	Gnupg	Gnupg	2.0.12	All	All	All
Application	Gnupg	Gnupg	2.0.13	All	All	All
Application	Gnupg	Gnupg	2.0.14	All	All	All
Application	Gnupg	Gnupg	2.0.15	All	All	All

Application	Gnupg	Gnupg	2.0.16	All	All	All
Application	Gnupg	Gnupg	2.0.17	All	All	All
Application	Gnupg	Gnupg	2.0.18	All	All	All
Application	Gnupg	Gnupg	2.0.19	All	All	All
Application	Gnupg	Gnupg	2.0.3	All	All	All
Application	Gnupg	Gnupg	2.0.4	All	All	All
Application	Gnupg	Gnupg	2.0.5	All	All	All
Application	Gnupg	Gnupg	2.0.6	All	All	All
Application	Gnupg	Gnupg	2.0.7	All	All	All
Application	Gnupg	Gnupg	2.0.8	All	All	All
Application	Gnupg	Gnupg	2.1.0	beta1	All	All
Application	Gnupg	Gnupg	1.4.0	All	All	All
Application	Gnupg	Gnupg	1.4.10	All	All	All
Application	Gnupg	Gnupg	1.4.11	All	All	All
Application	Gnupg	Gnupg	1.4.12	All	All	All
Application	Gnupg	Gnupg	1.4.13	All	All	All
Application	Gnupg	Gnupg	1.4.2	All	All	All
Application	Gnupg	Gnupg	1.4.3	All	All	All
Application	Gnupg	Gnupg	1.4.4	All	All	All
Application	Gnupg	Gnupg	1.4.5	All	All	All
Application	Gnupg	Gnupg	1.4.6	All	All	All
Application	Gnupg	Gnupg	1.4.8	All	All	All
Application	Gnupg	Gnupg	2.0	All	All	All
Application	Gnupg	Gnupg	2.0.1	All	All	All
Application	Gnupg	Gnupg	2.0.10	All	All	All
Application	Gnupg	Gnupg	2.0.11	All	All	All
Application	Gnupg	Gnupg	2.0.12	All	All	All
Application	Gnupg	Gnupg	2.0.13	All	All	All
Application	Gnupg	Gnupg	2.0.14	All	All	All
Application	Gnupg	Gnupg	2.0.15	All	All	All
Application	Gnupg	Gnupg	2.0.16	All	All	All
Application	Gnupg	Gnupg	2.0.17	All	All	All
Application	Gnupg	Gnupg	2.0.18	All	All	All
Application	Gnupg	Gnupg	2.0.19	All	All	All
Application	Gnupg	Gnupg	2.0.3	All	All	All

Application	Gnupg	Gnupg	2.0.4	All	All	All
Application	Gnupg	Gnupg	2.0.5	All	All	All
Application	Gnupg	Gnupg	2.0.6	All	All	All
Application	Gnupg	Gnupg	2.0.7	All	All	All
Application	Gnupg	Gnupg	2.0.8	All	All	All
Application	Gnupg	Gnupg	2.1.0	beta1	All	All
cpe:2.3:a:gnupg:gnupg:1.4.0:*****:						
cpe:2.3:a:gnupg:gnupg:1.4.10:*****:						
cpe:2.3:a:gnupg:gnupg:1.4.11:*****:						
cpe:2.3:a:gnupg:gnupg:1.4.12:*****:						
cpe:2.3:a:gnupg:gnupg:1.4.13:*****:						
cpe:2.3:a:gnupg:gnupg:1.4.2:*****:						
cpe:2.3:a:gnupg:gnupg:1.4.3:*****:						
cpe:2.3:a:gnupg:gnupg:1.4.4:*****:						
cpe:2.3:a:gnupg:gnupg:1.4.5:*****:						
cpe:2.3:a:gnupg:gnupg:1.4.6:*****:						
cpe:2.3:a:gnupg:gnupg:1.4.8:*****:						
cpe:2.3:a:gnupg:gnupg:2.0:*****:						
cpe:2.3:a:gnupg:gnupg:2.0.1:*****:						
cpe:2.3:a:gnupg:gnupg:2.0.10:*****:						
cpe:2.3:a:gnupg:gnupg:2.0.11:*****:						
cpe:2.3:a:gnupg:gnupg:2.0.12:*****:						
cpe:2.3:a:gnupg:gnupg:2.0.13:*****:						
cpe:2.3:a:gnupg:gnupg:2.0.14:*****:						
cpe:2.3:a:gnupg:gnupg:2.0.15:*****:						
cpe:2.3:a:gnupg:gnupg:2.0.16:*****:						
cpe:2.3:a:gnupg:gnupg:2.0.17:*****:						
cpe:2.3:a:gnupg:gnupg:2.0.18:*****:						
cpe:2.3:a:gnupg:gnupg:2.0.19:*****:						
cpe:2.3:a:gnupg:gnupg:2.0.3:*****:						

cpe:2.3:a:gnupg:gnupg:2.0.4:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:2.0.5:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:2.0.6:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:2.0.7:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:2.0.8:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:2.1.0:beta1:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:1.4.0:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:1.4.10:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:1.4.11:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:1.4.12:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:1.4.13:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:1.4.2:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:1.4.3:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:1.4.4:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:1.4.5:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:1.4.6:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:1.4.8:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:2.0:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:2.0.1:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:2.0.10:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:2.0.11:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:2.0.12:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:2.0.13:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:2.0.14:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:2.0.15:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:2.0.16:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:2.0.17:~::~~::~~::~~::~~::~~::
cpe:2.3:a:gnupg:gnupg:2.0.18:~::~~::~~::~~::~~::~~::

