

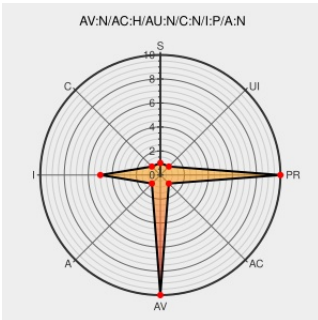


CVE-2012-3587

Published on: 06/19/2012 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:28:17 PM UTC

CVE-2012-3587

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

Certain versions of [Advanced Package Tool](#) from [Debian](#) contain the following vulnerability:

APT 0.7.x before 0.7.25 and 0.8.x before 0.8.16, when using the apt-key net-update to import keyrings, relies on GnuPG argument order and does not check GPG subkeys, which might allow remote attackers to install Trojan horse packages via a man-in-the-middle (MITM) attack.

CVE-2012-3587 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **2.6 - LOW**

Access Vector

NETWORK

Access Complexity

HIGH

Authentication

NONE

Confidentiality Impact

NONE

Integrity Impact

PARTIAL

Availability Impact

NONE

CVE References

Description

Tags

Link

USN-1475-1: APT update | Ubuntu

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

[UBUNTU USN-1475-1](#)

Full Disclosure: Strange gpg key shadowing

[seclists.org](#)
[text/html](#)

[FULLDISC 20120612 Strange gpg key shadowing](#)

Bug #1013128 "gpg key shadowing" : Bugs : "apt" package : Ubuntu

[bugs.launchpad.net](#)
[text/html](#)

[CONFIRM](#)
[bugs.launchpad.net/ubuntu/+source/apt/+bug/1013128](#)

USN-1477-1: APT vulnerability | Ubuntu

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

[UBUNTU USN-1477-1](#)

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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	Debian	Advanced Package Tool	0.7.0	All	All	All
Application	Debian	Advanced Package Tool	0.7.1	All	All	All
Application	Debian	Advanced Package Tool	0.7.10	All	All	All
Application	Debian	Advanced Package Tool	0.7.11	All	All	All
Application	Debian	Advanced Package Tool	0.7.12	All	All	All
Application	Debian	Advanced Package Tool	0.7.13	All	All	All
Application	Debian	Advanced Package Tool	0.7.14	All	All	All
Application	Debian	Advanced Package Tool	0.7.15	All	All	All
Application	Debian	Advanced Package Tool	0.7.15	exp1	All	All
Application	Debian	Advanced Package Tool	0.7.15	exp2	All	All
Application	Debian	Advanced Package Tool	0.7.15	exp3	All	All
Application	Debian	Advanced Package Tool	0.7.16	All	All	All
Application	Debian	Advanced Package Tool	0.7.17	All	All	All
Application	Debian	Advanced Package Tool	0.7.17	exp1	All	All
Application	Debian	Advanced Package Tool	0.7.17	exp2	All	All
Application	Debian	Advanced Package Tool	0.7.17	exp3	All	All
Application	Debian	Advanced Package Tool	0.7.17	exp4	All	All
Application	Debian	Advanced Package Tool	0.7.18	All	All	All
Application	Debian	Advanced Package Tool	0.7.19	All	All	All
Application	Debian	Advanced Package Tool	0.7.2	All	All	All
Application	Debian	Advanced Package Tool	0.7.2-0.1	All	All	All
Application	Debian	Advanced Package Tool	0.7.20	All	All	All
Application	Debian	Advanced Package Tool	0.7.20.1	All	All	All
Application	Debian	Advanced Package Tool	0.7.20.2	All	All	All
Application	Debian	Advanced Package Tool	0.7.21	All	All	All
Application	Debian	Advanced Package Tool	0.7.22	All	All	All
Application	Debian	Advanced Package Tool	0.7.22.1	All	All	All
Application	Debian	Advanced Package Tool	0.7.22.2	All	All	All
Application	Debian	Advanced Package Tool	0.7.23	All	All	All
Application	Debian	Advanced Package Tool	0.7.23.1	All	All	All

Application	Debian	Advanced Package Tool	0.7.20.1	All	All	All
Application	Debian	Advanced Package Tool	0.7.24	All	All	All
Application	Debian	Advanced Package Tool	0.8.0	All	All	All
Application	Debian	Advanced Package Tool	0.8.0	pre1	All	All
Application	Debian	Advanced Package Tool	0.8.0	pre2	All	All
Application	Debian	Advanced Package Tool	0.8.1	All	All	All
Application	Debian	Advanced Package Tool	0.8.10	All	All	All
Application	Debian	Advanced Package Tool	0.8.10.1	All	All	All
Application	Debian	Advanced Package Tool	0.8.10.2	All	All	All
Application	Debian	Advanced Package Tool	0.8.10.3	All	All	All
Application	Debian	Advanced Package Tool	0.8.11	All	All	All
Application	Debian	Advanced Package Tool	0.8.11.1	All	All	All
Application	Debian	Advanced Package Tool	0.8.11.2	All	All	All
Application	Debian	Advanced Package Tool	0.8.11.3	All	All	All
Application	Debian	Advanced Package Tool	0.8.11.4	All	All	All
Application	Debian	Advanced Package Tool	0.8.11.5	All	All	All
Application	Debian	Advanced Package Tool	0.8.12	All	All	All
Application	Debian	Advanced Package Tool	0.8.13	All	All	All
Application	Debian	Advanced Package Tool	0.8.13.1	All	All	All
Application	Debian	Advanced Package Tool	0.8.13.2	All	All	All
Application	Debian	Advanced Package Tool	0.8.14	All	All	All
Application	Debian	Advanced Package Tool	0.8.14.1	All	All	All
Application	Debian	Advanced Package Tool	0.8.15	All	All	All
Application	Debian	Advanced Package Tool	0.8.15	exp1	All	All
Application	Debian	Advanced Package Tool	0.8.15	exp2	All	All
Application	Debian	Advanced Package Tool	0.8.15	exp3	All	All
Application	Debian	Advanced Package Tool	0.8.15.1	All	All	All
Application	Debian	Advanced Package Tool	0.8.15.10	All	All	All
Application	Debian	Advanced Package Tool	0.8.15.6	All	All	All
Application	Debian	Advanced Package Tool	0.8.15.7	All	All	All
Application	Debian	Advanced Package Tool	0.8.15.8	All	All	All
Application	Debian	Advanced Package Tool	0.8.15.9	All	All	All
Application	Debian	Advanced Package Tool	0.7.0	All	All	All
Application	Debian	Advanced Package Tool	0.7.1	All	All	All
Application	Debian	Advanced Package Tool	0.7.10	All	All	All
Application	Debian	Advanced Package Tool	0.7.11	All	All	All

Application	Debian	Advanced Package Tool	0.7.12	All	All	All
Application	Debian	Advanced Package Tool	0.7.13	All	All	All
Application	Debian	Advanced Package Tool	0.7.14	All	All	All
Application	Debian	Advanced Package Tool	0.7.15	All	All	All
Application	Debian	Advanced Package Tool	0.7.15	exp1	All	All
Application	Debian	Advanced Package Tool	0.7.15	exp2	All	All
Application	Debian	Advanced Package Tool	0.7.15	exp3	All	All
Application	Debian	Advanced Package Tool	0.7.16	All	All	All
Application	Debian	Advanced Package Tool	0.7.17	All	All	All
Application	Debian	Advanced Package Tool	0.7.17	exp1	All	All
Application	Debian	Advanced Package Tool	0.7.17	exp2	All	All
Application	Debian	Advanced Package Tool	0.7.17	exp3	All	All
Application	Debian	Advanced Package Tool	0.7.17	exp4	All	All
Application	Debian	Advanced Package Tool	0.7.18	All	All	All
Application	Debian	Advanced Package Tool	0.7.19	All	All	All
Application	Debian	Advanced Package Tool	0.7.2	All	All	All
Application	Debian	Advanced Package Tool	0.7.2-0.1	All	All	All
Application	Debian	Advanced Package Tool	0.7.20	All	All	All
Application	Debian	Advanced Package Tool	0.7.20.1	All	All	All
Application	Debian	Advanced Package Tool	0.7.20.2	All	All	All
Application	Debian	Advanced Package Tool	0.7.21	All	All	All
Application	Debian	Advanced Package Tool	0.7.22	All	All	All
Application	Debian	Advanced Package Tool	0.7.22.1	All	All	All
Application	Debian	Advanced Package Tool	0.7.22.2	All	All	All
Application	Debian	Advanced Package Tool	0.7.23	All	All	All
Application	Debian	Advanced Package Tool	0.7.23.1	All	All	All
Application	Debian	Advanced Package Tool	0.7.24	All	All	All
Application	Debian	Advanced Package Tool	0.8.0	All	All	All
Application	Debian	Advanced Package Tool	0.8.0	pre1	All	All
Application	Debian	Advanced Package Tool	0.8.0	pre2	All	All
Application	Debian	Advanced Package Tool	0.8.1	All	All	All
Application	Debian	Advanced Package Tool	0.8.10	All	All	All
Application	Debian	Advanced Package Tool	0.8.10.1	All	All	All
Application	Debian	Advanced Package Tool	0.8.10.2	All	All	All
Application	Debian	Advanced Package Tool	0.8.10.3	All	All	All

Application	Debian	Advanced Package Tool	0.8.11	All	All	All
Application	Debian	Advanced Package Tool	0.8.11.1	All	All	All
Application	Debian	Advanced Package Tool	0.8.11.2	All	All	All
Application	Debian	Advanced Package Tool	0.8.11.3	All	All	All
Application	Debian	Advanced Package Tool	0.8.11.4	All	All	All
Application	Debian	Advanced Package Tool	0.8.11.5	All	All	All
Application	Debian	Advanced Package Tool	0.8.12	All	All	All
Application	Debian	Advanced Package Tool	0.8.13	All	All	All
Application	Debian	Advanced Package Tool	0.8.13.1	All	All	All
Application	Debian	Advanced Package Tool	0.8.13.2	All	All	All
Application	Debian	Advanced Package Tool	0.8.14	All	All	All
Application	Debian	Advanced Package Tool	0.8.14.1	All	All	All
Application	Debian	Advanced Package Tool	0.8.15	All	All	All
Application	Debian	Advanced Package Tool	0.8.15	exp1	All	All
Application	Debian	Advanced Package Tool	0.8.15	exp2	All	All
Application	Debian	Advanced Package Tool	0.8.15	exp3	All	All
Application	Debian	Advanced Package Tool	0.8.15.1	All	All	All
Application	Debian	Advanced Package Tool	0.8.15.10	All	All	All
Application	Debian	Advanced Package Tool	0.8.15.6	All	All	All
Application	Debian	Advanced Package Tool	0.8.15.7	All	All	All
Application	Debian	Advanced Package Tool	0.8.15.8	All	All	All
Application	Debian	Advanced Package Tool	0.8.15.9	All	All	All
cpe:2.3:a:debian:advanced_package_tool:0.7.0:*:*:*:*:*:						
cpe:2.3:a:debian:advanced_package_tool:0.7.1:*:*:*:*:*:						
cpe:2.3:a:debian:advanced_package_tool:0.7.10:*:*:*:*:*:						
cpe:2.3:a:debian:advanced_package_tool:0.7.11:*:*:*:*:*:						
cpe:2.3:a:debian:advanced_package_tool:0.7.12:*:*:*:*:*:						
cpe:2.3:a:debian:advanced_package_tool:0.7.13:*:*:*:*:*:						
cpe:2.3:a:debian:advanced_package_tool:0.7.14:*:*:*:*:*:						
cpe:2.3:a:debian:advanced_package_tool:0.7.15:*:*:*:*:*:						
cpe:2.3:a:debian:advanced_package_tool:0.7.15:exp1:*:*:*:*:*:						
cpe:2.3:a:debian:advanced_package_tool:0.7.15:exp2:*:*:*:*:*:						
cpe:2.3:a:debian:advanced_package_tool:0.7.15:exp3:*:*:*:*:*:						

cpe:2.3:a:debian:advanced_package_tool:0.7.16:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.17:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.17:exp1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.17:exp2:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.17:exp3:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.17:exp4:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.18:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.19:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.2:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.2-0.1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.20:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.20.1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.20.2:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.21:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.22:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.22.1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.22.2:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.23:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.23.1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.24:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.0:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.0:pre1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.0:pre2:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.10:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.10.1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.10.2:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.10.3:*****:

```
cpe:2.3:a:debian:advanced_package_tool:0.8.11:.*:.*:.*:.*:.*:.*:.*
```

```
cpe:2.3:a:debian:advanced package tool:0.8.11.1:*:*:*:*:*.*
```

```
cpe:2.3:a:debian:advanced_package_tool:0.8.11.2:*:*:*:*:*.*
```

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cpe:2.3:a:debian:advanced_package_tool:0.8.11.3:*:*:*:*:*:
```

```
cpe:2.3:a:debian:advanced_package_tool:0.8.11.4:*:*:*:*:*.*
```

```
cpe:2.3:a:debian:advanced_package_tool:0.8.11.5:*:*:*:*:*.*
```

```
cpe:2.3:a:debian:advanced_package_tool:0.8.12:*:*:*:*:*.*
```

```
cpe:2.3:a:debian:advanced_package_tool:0.8.13:*:*:*:*:*.*
```

```
cpe:2.3:a:debian:advanced_package_tool:0.8.13.1:*:*:*:*:*.*
```

```
cpe:2.3:a:debian:advanced_package_tool:0.8.13.2:*:*:*:*:*.*
```

```
cpe:2.3:a:debian:advanced_package_tool:0.8.14:*:*:*:*:*.*
```

```
cpe:2.3:a:debian:advanced package tool:0.8.14.1:*.~*~*~*~*~*~*
```

```
cpe:2.3:a:debian:advanced_package_tool:0.8.15:*.***.***.*
```

```
cpe:2.3:a:debian:advanced_package_tool:0.8.15:exp1:::*:*:*.*
```

```
cpe:2.3:a:debian:advanced_package_tool:0.8.15:exp2:*:*:*:*.*
```

```
cpe:2.3:a:debian:advanced_package_tool:0.8.15:exp3:.*:.*:.*:.*:.*:.*
```

```
cpe:2.3:a:debian:advanced package tool:0.8.15.1:*.~*~*~*~*~*~*
```

```
cpe:2.3:a:debian:advanced package tool:0.8.15.10:*:*:*:*:*
```

```
cpe:2.3:a:debian:advanced_package_tool:0.8.15.6:*:*:*:*:*.*
```

```
cpe:2.3:a:debian:advanced_package_tool:0.8.15.7:*:*:*:*:*.*
```

```
cpe:2.3:a:debian:advanced package tool:0.8.15.8:*:*:*:*:*.*
```

```
cpe:2.3:a:debian:advanced_package_tool:0.8.15.9:*.***.***.*
```

```
cpe:2.3:a:debian:advanced package tool:0.7.0:*:*:*:*:*.*
```

```
cpe:2.3:a:debian:advanced package tool:0.7.1:::*:*:*.*.*
```

```
cpe:2.3:a:debian:advanced_package_tool:0.7.10:*:*:*:*:*.*
```

```
cpe:2.3:a:debian:advanced package tool:0.7.11:*:*:*:*:*:..
```

```
cpe:2.3:a:debian:advanced_package_tool:0.7.12:*:*:*:*:*:*
```

```
cpe:2.3:a:debian:advanced_package_tool:0.7.13:*:*:*:*:*.*
```

```
cpe:2.3:a:debian:advanced_package_tool:0.7.14:*:*:*:*:*.*
```

cpe:2.3:a:debian:advanced_package_tool:0.7.15:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.15:exp1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.15:exp2:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.15:exp3:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.16:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.17:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.17:exp1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.17:exp2:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.17:exp3:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.17:exp4:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.18:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.19:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.2:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.2-0.1:*****:
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cpe:2.3:a:debian:advanced_package_tool:0.7.20.1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.20.2:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.21:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.22:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.22.1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.22.2:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.23:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.23.1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.7.24:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.0:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.0:pre1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.0:pre2:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.1:*****:

cpe:2.3:a:debian:advanced_package_tool:0.8.10:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.10.1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.10.2:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.10.3:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.11:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.11.1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.11.2:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.11.3:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.11.4:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.11.5:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.12:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.13:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.13.1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.13.2:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.14:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.14.1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.15:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.15:exp1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.15:exp2:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.15:exp3:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.15.1:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.15.10:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.15.6:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.15.7:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.15.8:*****:
cpe:2.3:a:debian:advanced_package_tool:0.8.15.9:*****:

No vendor comments have been submitted for this CVE

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