CVE-2008-4126

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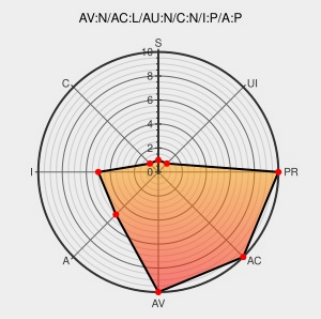
CVE-2008-4126

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Linux from Debian contain the following vulnerability:

PyDNS (aka python-dns) before 2.3.1-5 in Debian GNU/Linux does not use random source ports for DNS requests and does not use random transaction IDs for DNS retries, which makes it easier for remote attackers to spoof DNS responses, a different vulnerability than CVE-2008-1447. NOTE: this vulnerability exists because of an incomplete fix for CVE-2008-4099.

CVE-2008-4126 has been assigned by cve@mitre.org to track the vulnerability

CVSS2 Score: 6.4 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
#490217 - python-dns vulnerable to CVE-2008-1447 DNS source port guessable - Debian Bug report logs	bugs.debian.org text/html	CONFIRM bugs.debian.org/cgi-bin/bugreport.cgi?bug=490217
404 Not Found	packages.debian.org text/html Inactive Link Not Archived	CONFIRM packages.debian.org/changelogs/pool/main/p/python-dns/python-dns_2.3.3-1/changelog
oss-security - Re: CVE Request (ruby -- DNS spoofing vulnerability in resolv.rb)	www.openwall.com text/html	MLIST [oss-security] 20080915 Re: CVE Request (ruby -- DNS spoofing vulnerability in resolv.rb)
oss-security - Re: CVE Request (ruby -- DNS spoofing vulnerability in resolv.rb)	www.openwall.com text/html	MLIST [oss-security] 20080911 Re: CVE Request (ruby -- DNS spoofing vulnerability in resolv.rb)

would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Debian	Linux	unknown	unknown	etch	All
Application	Debian	Linux	unknown	unknown	etch	All
Application	Debian	Python-dns	2.3.0-1	All	All	All
Application	Debian	Python-dns	2.3.0-2	All	All	All
Application	Debian	Python-dns	2.3.0-3	All	All	All
Application	Debian	Python-dns	2.3.0-4	All	All	All
Application	Debian	Python-dns	2.3.0-5	All	All	All
Application	Debian	Python-dns	2.3.0-5.1	All	All	All
Application	Debian	Python-dns	2.3.0-6	All	All	All
Application	Debian	Python-dns	2.3.1-1	All	All	All
Application	Debian	Python-dns	2.3.1-2	All	All	All
Application	Debian	Python-dns	2.3.1-3	All	All	All
Application	Debian	Python-dns	2.3.0-1	All	All	All
Application	Debian	Python-dns	2.3.0-2	All	All	All
Application	Debian	Python-dns	2.3.0-3	All	All	All
Application	Debian	Python-dns	2.3.0-4	All	All	All
Application	Debian	Python-dns	2.3.0-5	All	All	All
Application	Debian	Python-dns	2.3.0-5.1	All	All	All
Application	Debian	Python-dns	2.3.0-6	All	All	All
Application	Debian	Python-dns	2.3.1-1	All	All	All
Application	Debian	Python-dns	2.3.1-2	All	All	All
Application	Debian	Python-dns	2.3.1-3	All	All	All
Application	Debian	Python-dns	All	All	All	All

cpe:2.3:a:debian:linux:unknown:unknown:etch:*:*:*:*:*:*:

cpe:2.3:a:debian:linux:unknown:unknown:etch:*:*:*:*:*:*:

cpe:2.3:a:debian:python-dns:2.3.0-1:*:*:*:*:*:*:*:

cpe:2.3:a:debian:python-dns:2.3.0-2:*:*:*:*:*:*:*:

cpe:2.3:a:debian:python-dns:2.3.0-3:*:*:*:*:*:*:*:

cpe:2.3:a:debian:python-dns:2.3.0-4:*:*:*:*:*:*:*:

cpe:2.3:a:debian:python-dns:2.3.0-5:*:*:*:*:*:*:*:

cpe:2.3:a:debian:python-dns:2.3.0-5.1:*:*:*:*:*:*:*:

cpe:2.3:a:debian:python-dns:2.3.0-6:*:*:*:*:*:*:*:

cpe:2.3:a:debian:python-dns:2.3.1-1:*:*:*:*:*:*:*:

cpe:2.3:a:debian:python-dns:2.3.1-2:*:*:*:*:*:*:*:

cpe:2.3:a:debian:python-dns:2.3.1-3:*:*:*:*:*:*:*:

cpe:2.3:a:debian:python-dns:2.3.0-1:*:*:*:*:*:*:*:

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cpe:2.3:a:debian:python-dns:2.3.1-2:*:*:*:*:*:*:*:

cpe:2.3:a:debian:python-dns:2.3.1-3:*:*:*:*:*:*:*:

cpe:2.3:a:debian:python-dns:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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