

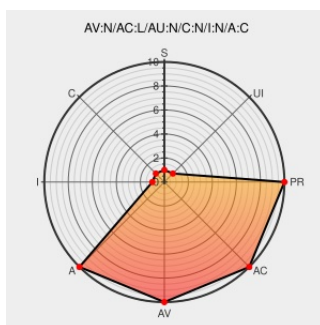


CVE-2011-4869

Published on: 12/20/2011 12:00:00 AM UTC

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CVE-2011-4869

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

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

validator/val_nsec3.c in Unbound before 1.4.13p2 does not properly perform proof processing for NSEC3-signed zones, which allows remote DNS servers to cause a denial of service (daemon crash) via a malformed response that lacks expected NSEC3 records, a different vulnerability than CVE-2011-4528.

CVE-2011-4869 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **7.8 - HIGH**

Access
Vector

NETWORK

Access
Complexity

LOW

Authentication

NONE

Confidentiality
Impact

NONE

Integrity
Impact

NONE

Availability
Impact

COMPLETE

CVE References

Description

Tags

Link

IBM X-Force Exchange

[exchange.xforce.ibmcloud.com](https://exchange.xforce.ibmcloud.com/text/html)
text/html

[XF unbound-nsec3-dos\(71868\)](#)

Debian -- Security Information -- DSA-2370-1 unbound

www.debian.org
Deprecated Link
text/html

[DEBIAN DSA-2370](#)

[SECURITY] Fedora 16 Update: unbound-1.4.14-1.fc16

[lists.fedoraproject.org](https://lists.fedoraproject.org/text/html)
text/html

[FEDORA FEDORA-2011-17282](#)

[SECURITY] Fedora 15 Update: unbound-1.4.14-1.fc15

[lists.fedoraproject.org](https://lists.fedoraproject.org/text/html)
text/html

[FEDORA FEDORA-2011-17337](#)

[Patch](#)
[Vendor Advisory](#)

[CONFIRM](#)
unbound.nlnetlabs.nl/downloads/CVE-2011-4869.html

unbound.nlnetlabs.nl

2011-4528.txt

[text/x-diff](#)

No Description Provided

osvdb.org OSVDB 77910

Inactive Link

Not Archived

Security Alerts - Secunia

web.archive.org SECUNIA 47326[text/html](#)

US-CERT Vulnerability Note VU#209659 - Unbound multiple denial-of-service vulnerabilities

[Patch](#) CERT-VN VU#209659[US Government Resource](#)www.kb.cert.org[text/html](#)

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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	Unbound	Unbound	0.0	All	All	All
Application	Unbound	Unbound	0.09	All	All	All
Application	Unbound	Unbound	0.1	All	All	All
Application	Unbound	Unbound	0.10	All	All	All
Application	Unbound	Unbound	0.11	All	All	All
Application	Unbound	Unbound	0.2	All	All	All
Application	Unbound	Unbound	0.3	All	All	All
Application	Unbound	Unbound	0.4	All	All	All
Application	Unbound	Unbound	0.5	All	All	All
Application	Unbound	Unbound	0.6	All	All	All
Application	Unbound	Unbound	0.7	All	All	All
Application	Unbound	Unbound	0.7.1	All	All	All
Application	Unbound	Unbound	0.7.2	All	All	All
Application	Unbound	Unbound	0.8	All	All	All
Application	Unbound	Unbound	1.0.0	All	All	All
Application	Unbound	Unbound	1.0.1	All	All	All
Application	Unbound	Unbound	1.0.2	All	All	All
Application	Unbound	Unbound	1.1.0	All	All	All
Application	Unbound	Unbound	1.1.1	All	All	All
Application	Unbound	Unbound	1.2.0	All	All	All

Application	Unbound	Unbound	1.2.1	All	All	All
Application	Unbound	Unbound	1.3.0	All	All	All
Application	Unbound	Unbound	1.3.1	All	All	All
Application	Unbound	Unbound	1.3.2	All	All	All
Application	Unbound	Unbound	1.3.3	All	All	All
Application	Unbound	Unbound	1.3.4	All	All	All
Application	Unbound	Unbound	1.4.0	All	All	All
Application	Unbound	Unbound	1.4.1	All	All	All
Application	Unbound	Unbound	1.4.10	All	All	All
Application	Unbound	Unbound	1.4.11	All	All	All
Application	Unbound	Unbound	1.4.2	All	All	All
Application	Unbound	Unbound	1.4.3	All	All	All
Application	Unbound	Unbound	1.4.4	All	All	All
Application	Unbound	Unbound	1.4.5	All	All	All
Application	Unbound	Unbound	1.4.6	All	All	All
Application	Unbound	Unbound	1.4.7	All	All	All
Application	Unbound	Unbound	1.4.8	All	All	All
Application	Unbound	Unbound	1.4.9	All	All	All
Application	Unbound	Unbound	0.0	All	All	All
Application	Unbound	Unbound	0.09	All	All	All
Application	Unbound	Unbound	0.1	All	All	All
Application	Unbound	Unbound	0.10	All	All	All
Application	Unbound	Unbound	0.11	All	All	All
Application	Unbound	Unbound	0.2	All	All	All
Application	Unbound	Unbound	0.3	All	All	All
Application	Unbound	Unbound	0.4	All	All	All
Application	Unbound	Unbound	0.5	All	All	All
Application	Unbound	Unbound	0.6	All	All	All
Application	Unbound	Unbound	0.7	All	All	All
Application	Unbound	Unbound	0.7.1	All	All	All
Application	Unbound	Unbound	0.7.2	All	All	All
Application	Unbound	Unbound	0.8	All	All	All
Application	Unbound	Unbound	1.0.0	All	All	All
Application	Unbound	Unbound	1.0.1	All	All	All
Application	Unbound	Unbound	1.0.2	All	All	All
Application	Unbound	Unbound	1.1.0	All	All	All

Application	Unbound	Unbound	1.1.0	All	All	All
Application	Unbound	Unbound	1.1.1	All	All	All
Application	Unbound	Unbound	1.2.0	All	All	All
Application	Unbound	Unbound	1.2.1	All	All	All
Application	Unbound	Unbound	1.3.0	All	All	All
Application	Unbound	Unbound	1.3.1	All	All	All
Application	Unbound	Unbound	1.3.2	All	All	All
Application	Unbound	Unbound	1.3.3	All	All	All
Application	Unbound	Unbound	1.3.4	All	All	All
Application	Unbound	Unbound	1.4.0	All	All	All
Application	Unbound	Unbound	1.4.1	All	All	All
Application	Unbound	Unbound	1.4.10	All	All	All
Application	Unbound	Unbound	1.4.11	All	All	All
Application	Unbound	Unbound	1.4.2	All	All	All
Application	Unbound	Unbound	1.4.3	All	All	All
Application	Unbound	Unbound	1.4.4	All	All	All
Application	Unbound	Unbound	1.4.5	All	All	All
Application	Unbound	Unbound	1.4.6	All	All	All
Application	Unbound	Unbound	1.4.7	All	All	All
Application	Unbound	Unbound	1.4.8	All	All	All
Application	Unbound	Unbound	1.4.9	All	All	All
Application	Unbound	Unbound	All	All	All	All
cpe:2.3:a:unbound:unbound:0.0:****:****:						
cpe:2.3:a:unbound:unbound:0.09:****:****:						
cpe:2.3:a:unbound:unbound:0.1:****:****:						
cpe:2.3:a:unbound:unbound:0.10:****:****:						
cpe:2.3:a:unbound:unbound:0.11:****:****:						
cpe:2.3:a:unbound:unbound:0.2:****:****:						
cpe:2.3:a:unbound:unbound:0.3:****:****:						
cpe:2.3:a:unbound:unbound:0.4:****:****:						
cpe:2.3:a:unbound:unbound:0.5:****:****:						
cpe:2.3:a:unbound:unbound:0.6:****:****:						
cpe:2.3:a:unbound:unbound:0.7:****:****:						

cpe:2.3:a:unbound:unbound:0.7.1:*****:
cpe:2.3:a:unbound:unbound:0.7.2:*****:
cpe:2.3:a:unbound:unbound:0.8:*****:
cpe:2.3:a:unbound:unbound:1.0.0:*****:
cpe:2.3:a:unbound:unbound:1.0.1:*****:
cpe:2.3:a:unbound:unbound:1.0.2:*****:
cpe:2.3:a:unbound:unbound:1.1.0:*****:
cpe:2.3:a:unbound:unbound:1.1.1:*****:
cpe:2.3:a:unbound:unbound:1.2.0:*****:
cpe:2.3:a:unbound:unbound:1.2.1:*****:
cpe:2.3:a:unbound:unbound:1.3.0:*****:
cpe:2.3:a:unbound:unbound:1.3.1:*****:
cpe:2.3:a:unbound:unbound:1.3.2:*****:
cpe:2.3:a:unbound:unbound:1.3.3:*****:
cpe:2.3:a:unbound:unbound:1.3.4:*****:
cpe:2.3:a:unbound:unbound:1.4.0:*****:
cpe:2.3:a:unbound:unbound:1.4.1:*****:
cpe:2.3:a:unbound:unbound:1.4.10:*****:
cpe:2.3:a:unbound:unbound:1.4.11:*****:
cpe:2.3:a:unbound:unbound:1.4.2:*****:
cpe:2.3:a:unbound:unbound:1.4.3:*****:
cpe:2.3:a:unbound:unbound:1.4.4:*****:
cpe:2.3:a:unbound:unbound:1.4.5:*****:
cpe:2.3:a:unbound:unbound:1.4.6:*****:
cpe:2.3:a:unbound:unbound:1.4.7:*****:
cpe:2.3:a:unbound:unbound:1.4.8:*****:
cpe:2.3:a:unbound:unbound:1.4.9:*****:
cpe:2.3:a:unbound:unbound:0.0:*****:
cpe:2.3:a:unbound:unbound:0.09:*****:

Упр.2.3.a.unbound.unbound.0.09.

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cpe:2.3:a:unbound:unbound:0.1:*:*:*:*:*:*:
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cpe:2.3:a:unbound:unbound:0.10:*:*:*:*:*:
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cpe:2.3:a:unbound:unbound:0.11.*:*:*:*:*:
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cpe:2.3:a:unbound:unbound:0.2:*:*:*:*:*:
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cpe:2.3:a:unbound:unbound:0.3:*:*:*:*:*:
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cpe:2.3:a:unbound:unbound:0.4:*:*:*:*:*:*:
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cpe:2.3:a:unbound:unbound:0.5:*:*:*:*:*:*:
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cpe:2.3:a:unbound:unbound:0.6:*:*:*:*:*:
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cpe:2.3:a:unbound:unbound:0.7:*:*:*:*:*:
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cpe:2.3:a:unbound:unbound:0.7.1:.*:.*:.*:.*:.*:.*:.*
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cpe:2.3:a:unbound:unbound:0.7.2:*:*:*:*:*:*:
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cpe:2.3:a:unbound:unbound:0.8:*:*:*:*:*:*:
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cpe:2.3:a:unbound:unbound:1.0.0:*:*:*:*:*:*:
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cpe:2.3:a:unbound:unbound:1.0.1:*:*:*:*:*:
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cpe:2.3:a:unbound:unbound:1.0.2:*:*:*:*:*:

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cpe:2.3:a:unbound:unbound:1.1.0:*:*:*:*:*:*:
```

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cpe:2.3:a:unbound:unbound:1.1.1:*:*:*:*:*:*:
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```
cpe:2.3:a:unbound:unbound:1.2.0:*:*:*:*:*:*:
```

```
cpe:2.3:a:unbound:unbound:1.2.1:*:*:*:*:*:
```

```
cpe:2.3:a:unbound:unbound:1.3.0:*:*:*:*:*:*:
```

```
cpe:2.3:a:unbound:unbound:1.3.1:*:*:*:*:*:*:
```

```
cpe:2.3:a:unbound:unbound:1.3.2:*:*:*:*:*:*:
```

```
cpe:2.3:a:unbound:unbound:1.3.3:*:*:*:*:*:*:
```

```
cpe:2.3:a:unbound:unbound:1.3.4:*:*:*:*:*:
```

```
cpe:2.3:a:unbound:unbound:1.4.0:*:*:*:*:*:*:
```

```
cpe:2.3:a:unbound:unbound:1.4.1:*:*:*:*:*:*:
```

```
cpe:2.3:a:unbound:unbound:1.4.10:*:*:*:*:*:*
```

```
cpe:2.3:a:unbound:unbound:1.4.11:*:*:*:*:*:*:
```

cpe:2.3:a:unbound:unbound:1.4.2:*****:
cpe:2.3:a:unbound:unbound:1.4.3:*****:
cpe:2.3:a:unbound:unbound:1.4.4:*****:
cpe:2.3:a:unbound:unbound:1.4.5:*****:
cpe:2.3:a:unbound:unbound:1.4.6:*****:
cpe:2.3:a:unbound:unbound:1.4.7:*****:
cpe:2.3:a:unbound:unbound:1.4.8:*****:
cpe:2.3:a:unbound:unbound:1.4.9:*****:
cpe:2.3:a:unbound:unbound:*****:

No vendor comments have been submitted for this CVE

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