



# CVE-2011-1019

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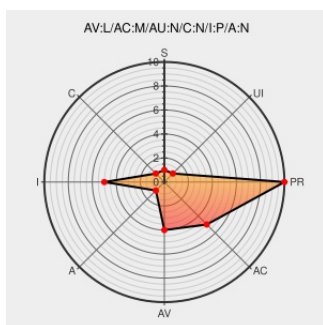
## CVE-2011-1019

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



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

The dev\_load function in net/core/dev.c in the Linux kernel before 2.6.38 allows local users to bypass an intended CAP\_SYS\_MODULE capability requirement and load arbitrary modules by leveraging the CAP\_NET\_ADMIN capability.

CVE-2011-1019 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: **1.9 - LOW**

Access  
Vector

LOCAL

Access  
Complexity

MEDIUM

Authentication

NONE

Confidentiality  
Impact

NONE

Integrity  
Impact

PARTIAL

Availability  
Impact

NONE

## CVE References

Description

Tags

Link

kernel/git/torvalds/linux.git -  
Linux kernel source tree

[Patch](#)  
[Vendor Advisory](#)  
[web.archive.org](#)  
[text/html](#)  
[Inactive Link](#) [Not Archived](#)

MISC [git.kernel.org/?p=linux/kernel/git/torvalds/linux-2.6.git%3Ba=commit%3Bh=8909c9ad8ff03611c9c96c9a92656213e4bb495b](https://git.kernel.org/?p=linux/kernel/git/torvalds/linux-2.6.git%3Ba=commit%3Bh=8909c9ad8ff03611c9c96c9a92656213e4bb495b)

oss-security - Re: CVE  
request: kernel:  
CAP\_SYS\_MODULE  
bypass via  
CAP\_NET\_ADMIN

[Mailing List](#)  
[Third Party Advisory](#)  
[www.openwall.com](#)  
[text/html](#)

MLIST [oss-security] 20110225 Re: CVE request: kernel:  
CAP\_SYS\_MODULE bypass via CAP\_NET\_ADMIN

net: don't allow  
CAP\_NET\_ADMIN to load  
non-netdev kernel modules  
· torvalds/linux@8909c9a ·  
GitHub

[Exploit](#)  
[Patch](#)  
[Third Party Advisory](#)  
[github.com](#)  
[text/html](#)

CONFIRM  
[github.com/torvalds/linux/commit/8909c9ad8ff03611c9c96c9a92656213e4bb495b](https://github.com/torvalds/linux/commit/8909c9ad8ff03611c9c96c9a92656213e4bb495b)

404 Not Found

Broken Link

ftp.osuosl.org

text/html

Inactive Link

Not Archived

CONFIRM

ftp.osuosl.org/pub/linux/kernel/v2.6/ChangeLog-2.6.38

680360 – (CVE-2011-1019) CVE-2011-1019 kernel: CAP\_SYS\_MODULE bypass via CAP\_NET\_ADMIN

Issue Tracking

Patch

Third Party Advisory

bugzilla.redhat.com

text/html

CONFIRM

bugzilla.redhat.com/show\_bug.cgi?id=680360

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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 |
|------------------|--------|--------------|---------|--------|---------|----------|
| Operating System | Linux  | Linux Kernel | All     | All    | All     | All      |
| Operating System | Linux  | Linux Kernel | All     | All    | All     | All      |

cpe:2.3:o:linux:linux\_kernel:\*\*\*\*\*:

cpe:2.3:o:linux:linux\_kernel:\*\*\*\*\*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID →