

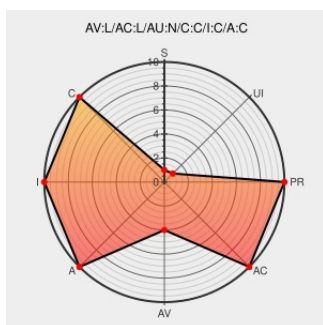


CVE-2007-1734

Published on: 03/28/2007 12:00:00 AM UTC

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CVE-2007-1734

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

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

The DCCP support in the `do_dccp_getsockopt` function in `net/dccp/proto.c` in Linux kernel 2.6.20 and later does not verify the upper bounds of the `optlen` value, which allows local users running on certain architectures to read kernel memory or cause a denial of service (oops), a related issue to CVE-2007-1730.

CVE-2007-1734 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **7.2 - HIGH**

Access
Vector

LOCAL

Access
Complexity

LOW

Authentication

NONE

Confidentiality
Impact

COMPLETE

Integrity
Impact

COMPLETE

Availability
Impact

COMPLETE

CVE References

Description

Tags

Link

Linux Kernel DCCP Memory Disclosure Vulnerability -
CXSecurity.com

[securityreason.com](#)
[text/html](#)

[SREASON 2511](#)

[www.securityfocus.com](#)
[text/x-c](#)
[Inactive Link](#) [Not Archived](#)

[BUGTRAQ 20070327 Re: \[Full-disclosure\] Linux Kernel DCCP Memory Disclosure Vulnerability](#)

SecurityTracker.com Archives - Linux Kernel
`do_dccp_getsockopt()` Bug Discloses Kernel Memory to Local
Users

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

[SECTRAK 1017820](#)

IBM X-Force Exchange

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

[XF kernel-dccp-information-disclosure\(33274\)](#)

IBM X-Force Exchange

[exchange.xforce.ibmcloud.com](#)

[XF linux-kernel-dccp-info-](#)
[linux-kernel-dccp-info\(40001\)](#)

There are currently no QIDs associated with this CVE

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	2.6.20	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.20	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.2	All	All	All
cpe:2.3:o:linux:linux_kernel:2.6.20:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.20.1:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.20.2:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.20:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.20.1:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.20.2:*:*:*:*:*:						

Next ID→