

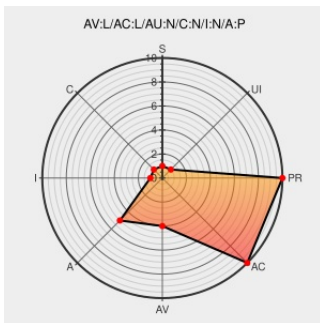


CVE-2002-1963

Published on: 12/31/2002 05:00:00 AM UTC

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CVE-2002-1963

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

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

Linux kernel 2.4.1 through 2.4.19 sets root's NR_RESERVED_FILES limit to 10 files, which allows local users to cause a denial of service (resource exhaustion) by opening 10 setuid binaries.

CVE-2002-1963 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **2.1 - LOW**

Access
Vector

LOCAL

Access
Complexity

LOW

Authentication

NONE

Confidentiality
Impact

NONE

Integrity
Impact

NONE

Availability
Impact

PARTIAL

CVE References

Description

Tags

Link

Linux Kernel Privileged File Descriptor Resource Exhaustion Vulnerability

Exploit
cve.report (archive)
text/html

[🌐](#) BID 5178

ISS X-Force Database: linux-file-limit-dos (9515): Linux kernel NR_RESERVED_FILES limit exceeded denial of service

web.archive.org
text/html
Inactive Link Not Archived

[🌐](#) XF linux-file-limit-dos(9515)

SecurityFocus

www.securityfocus.com
text/html

[🌐](#) BUGTRAQ 20020708 Re: Linux kernels DoSable by file-max limit

SecurityFocus HOME Mailing List: BugTraQ

web.archive.org
text/html
Inactive Link Not Archived

[🌐](#) BUGTRAQ 20020707 Linux kernels DoSable by file-max limit

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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	2.4.1	All	All	All
Operating System	Linux	Linux Kernel	2.4.10	All	All	All
Operating System	Linux	Linux Kernel	2.4.11	All	All	All
Operating System	Linux	Linux Kernel	2.4.12	All	All	All
Operating System	Linux	Linux Kernel	2.4.13	All	All	All
Operating System	Linux	Linux Kernel	2.4.14	All	All	All
Operating System	Linux	Linux Kernel	2.4.15	All	All	All
Operating System	Linux	Linux Kernel	2.4.16	All	All	All
Operating System	Linux	Linux Kernel	2.4.17	All	All	All
Operating System	Linux	Linux Kernel	2.4.18	All	All	All
Operating System	Linux	Linux Kernel	2.4.18	All	x86	All
Operating System	Linux	Linux Kernel	2.4.19	pre1	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre2	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre3	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre4	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre5	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre6	All	All
Operating System	Linux	Linux Kernel	2.4.2	All	All	All
Operating System	Linux	Linux Kernel	2.4.2	All	All	All

Operating System	Linux	Linux Kernel	2.4.3	All	All	All
Operating System	Linux	Linux Kernel	2.4.4	All	All	All
Operating System	Linux	Linux Kernel	2.4.5	All	All	All
Operating System	Linux	Linux Kernel	2.4.6	All	All	All
Operating System	Linux	Linux Kernel	2.4.7	All	All	All
Operating System	Linux	Linux Kernel	2.4.8	All	All	All
Operating System	Linux	Linux Kernel	2.4.9	All	All	All
Operating System	Linux	Linux Kernel	2.4.1	All	All	All
Operating System	Linux	Linux Kernel	2.4.10	All	All	All
Operating System	Linux	Linux Kernel	2.4.11	All	All	All
Operating System	Linux	Linux Kernel	2.4.12	All	All	All
Operating System	Linux	Linux Kernel	2.4.13	All	All	All
Operating System	Linux	Linux Kernel	2.4.14	All	All	All
Operating System	Linux	Linux Kernel	2.4.15	All	All	All
Operating System	Linux	Linux Kernel	2.4.16	All	All	All
Operating System	Linux	Linux Kernel	2.4.17	All	All	All
Operating System	Linux	Linux Kernel	2.4.18	All	All	All
Operating System	Linux	Linux Kernel	2.4.18	All	x86	All
Operating System	Linux	Linux Kernel	2.4.19	pre1	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre2	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre3	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre4	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre5	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre6	All	All

Operating System	Linux	Linux Kernel	2.4.19	pre6	All	All
Operating System	Linux	Linux Kernel	2.4.2	All	All	All
Operating System	Linux	Linux Kernel	2.4.3	All	All	All
Operating System	Linux	Linux Kernel	2.4.4	All	All	All
Operating System	Linux	Linux Kernel	2.4.5	All	All	All
Operating System	Linux	Linux Kernel	2.4.6	All	All	All
Operating System	Linux	Linux Kernel	2.4.7	All	All	All
Operating System	Linux	Linux Kernel	2.4.8	All	All	All
Operating System	Linux	Linux Kernel	2.4.9	All	All	All
cpe:2.3:o:linux:linux_kernel:2.4.1:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.4.10:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.4.11:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.4.12:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.4.13:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.4.14:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.4.15:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.4.16:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.4.17:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.4.18:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.4.18:*:x86:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.4.19:pre1:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.4.19:pre2:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.4.19:pre3:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.4.19:pre4:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.4.19:pre5:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.4.19:pre6:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:2.4.2:*:*:*:*:*:						

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cpe:2.3:o:linux:linux_kernel:2.4.5:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.4.6:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.4.7:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.4.8:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.4.9:*:*:*:*:*:
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cpe:2.3:o:linux:linux_kernel:2.4.10:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.4.11:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.4.12:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.4.13:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.4.14:*:*:*:*:*:
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cpe:2.3:o:linux:linux_kernel:2.4.17:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.4.18:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.4.18:*:*x86:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.4.19:pre1:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.4.19:pre2:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.4.19:pre3:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.4.19:pre4:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.4.19:pre5:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.4.19:pre6:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.4.2:*:*:*:*:*:
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cpe:2.3:o:linux:linux_kernel:2.4.5:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:2.4.6:*****:.*	
cpe:2.3:o:linux:linux_kernel:2.4.7:*****:.*	
cpe:2.3:o:linux:linux_kernel:2.4.8:*****:.*	
cpe:2.3:o:linux:linux_kernel:2.4.9:*****:.*	
No vendor comments have been submitted for this CVE	
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