



# CVE-2006-3906

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2006-3906
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2006-07-27 22:04:00 UTC
<b>Updated</b>	2023-08-11 19:02:00 UTC
<b>Description</b>	Internet Key Exchange (IKE) version 1 protocol, as implemented on Cisco IOS, VPN 3000 Concentrators, and PIX firewalls

## Risk And Classification

**Problem Types:** NVD-CWE-Other

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Cisco	Adaptive Security Appliance Software	7.0	All	All	All
Application	Cisco	Adaptive Security Appliance Software	7.0(4)	All	All	All
Application	Cisco	Adaptive Security Appliance Software	7.0(5)	All	All	All
Application	Cisco	Adaptive Security Appliance Software	7.0.1.4	All	All	All
Application	Cisco	Adaptive Security Appliance Software	7.0.4.3	All	All	All
Application	Cisco	Adaptive Security Appliance Software	7.0(4\)	All	All	All
Application	Cisco	Adaptive Security Appliance Software	7.0(5\)	All	All	All
Application	Cisco	Adaptive Security Appliance Software	7.1(2)	All	All	All
Application	Cisco	Adaptive Security Appliance Software	7.1(2\)	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	7.0	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	7.0.1.4	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	7.0.4.3	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	7.0(4\)	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	7.0(5\)	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	7.1(2\)	All	All	All
Application	Cisco	Adaptive Security Appliance Software	7.0	All	All	All
Application	Cisco	Adaptive Security Appliance Software	7.0.1.4	All	All	All

Application	Cisco	Adaptive Security Appliance Software	7.0.4.3	All	All	All
Application	Cisco	Adaptive Security Appliance Software	7.0(4\)	All	All	All
Application	Cisco	Adaptive Security Appliance Software	7.0(5\)	All	All	All
Application	Cisco	Adaptive Security Appliance Software	7.1(2\)	All	All	All
Operating System	Cisco	ios	All	All	All	All
Operating System	Cisco	ios	All	All	All	All
Application	Cisco	Pix Asa Ids	All	All	All	All
Application	Cisco	Pix Asa Ids	All	All	All	All
Application	Cisco	Pix Firewall	6.2.2_.111	All	All	All
Application	Cisco	Pix Firewall	6.2.3_(110)	All	All	All
Application	Cisco	Pix Firewall	6.2.3_(110\)	All	All	All
Application	Cisco	Pix Firewall	6.3.3_(133)	All	All	All
Application	Cisco	Pix Firewall	6.3.3_(133\)	All	All	All
Application	Cisco	Pix Firewall	6.3.5_(112)	All	All	All
Application	Cisco	Pix Firewall	6.3.5_(112\)	All	All	All
Operating System	Cisco	Pix Firewall	6.1.5(104)	All	All	All
Operating System	Cisco	Pix Firewall	6.1.5(104\)	All	All	All
Application	Cisco	Pix Firewall	6.2.2_.111	All	All	All
Application	Cisco	Pix Firewall	6.2.3_(110)	All	All	All
Application	Cisco	Pix Firewall	6.3.3_(133)	All	All	All
Application	Cisco	Pix Firewall	6.3.5_(112)	All	All	All
Operating System	Cisco	Pix Firewall	6.1.5(104\)	All	All	All
Hardware	Cisco	Pix Firewall 501	All	All	All	All
Hardware	Cisco	Pix Firewall 501	All	All	All	All
Hardware	Cisco	Pix Firewall 506	All	All	All	All
Hardware	Cisco	Pix Firewall 506	All	All	All	All
Hardware	Cisco	Pix Firewall 515	All	All	All	All
Hardware	Cisco	Pix Firewall 515	All	All	All	All
Hardware	Cisco	Pix Firewall 515e	All	All	All	All
Hardware	Cisco	Pix Firewall 515e	All	All	All	All
Hardware	Cisco	Pix Firewall 520	All	All	All	All
Hardware	Cisco	Pix Firewall 520	All	All	All	All
Hardware	Cisco	Pix Firewall 525	All	All	All	All
Hardware	Cisco	Pix Firewall 525	All	All	All	All
Hardware	Cisco	Pix Firewall 535	All	All	All	All

Hardware	Cisco	Pix Firewall 535	All	All	All	All
Operating System	Cisco	Pix Firewall Software	2.7	All	All	All
Operating System	Cisco	Pix Firewall Software	3.0	All	All	All
Operating System	Cisco	Pix Firewall Software	3.1	All	All	All
Operating System	Cisco	Pix Firewall Software	4.0	All	All	All
Operating System	Cisco	Pix Firewall Software	4.1(6)	All	All	All
Operating System	Cisco	Pix Firewall Software	4.1(6b)	All	All	All
Operating System	Cisco	Pix Firewall Software	4.1(6b)	All	All	All
Operating System	Cisco	Pix Firewall Software	4.1(6)	All	All	All
Operating System	Cisco	Pix Firewall Software	4.2	All	All	All
Operating System	Cisco	Pix Firewall Software	4.2(1)	All	All	All
Operating System	Cisco	Pix Firewall Software	4.2(2)	All	All	All
Operating System	Cisco	Pix Firewall Software	4.2(5)	All	All	All
Operating System	Cisco	Pix Firewall Software	4.2(1)	All	All	All
Operating System	Cisco	Pix Firewall Software	4.2(2)	All	All	All
Operating System	Cisco	Pix Firewall Software	4.2(5)	All	All	All
Operating System	Cisco	Pix Firewall Software	4.3	All	All	All
Operating System	Cisco	Pix Firewall Software	4.4	All	All	All
Operating System	Cisco	Pix Firewall Software	4.4(4)	All	All	All
Operating System	Cisco	Pix Firewall Software	4.4(7.202)	All	All	All
Operating System	Cisco	Pix Firewall Software	4.4(8)	All	All	All
Operating System	Cisco	Pix Firewall Software	4.4(4)	All	All	All
Operating System	Cisco	Pix Firewall Software	4.4(7.202)	All	All	All
Operating System	Cisco	Pix Firewall Software	4.4(8)	All	All	All
Operating System	Cisco	Pix Firewall Software	5.0	All	All	All
Operating System	Cisco	Pix Firewall Software	5.1	All	All	All
Operating System	Cisco	Pix Firewall Software	5.1(4)	All	All	All
Operating System	Cisco	Pix Firewall Software	5.1(4.206)	All	All	All
Operating System	Cisco	Pix Firewall Software	5.1(4.206)	All	All	All
Operating System	Cisco	Pix Firewall Software	5.1(4)	All	All	All
Operating System	Cisco	Pix Firewall Software	5.2	All	All	All
Operating System	Cisco	Pix Firewall Software	5.2(1)	All	All	All
Operating System	Cisco	Pix Firewall Software	5.2(2)	All	All	All
Operating System	Cisco	Pix Firewall Software	5.2(3.210)	All	All	All
Operating System	Cisco	Pix Firewall Software	5.2(5)	All	All	All
Operating System	Cisco	Pix Firewall Software	5.2(5)	All	All	All



Operating System	Cisco	Pix Firewall Software	6.1\1)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1\2)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1\3)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1\4)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1\5)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2(1)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2(2)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2(3)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2(3.100)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2\1)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2\2)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2\3.100\)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2\3)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3(1)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3(2)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3(3)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3(3.102)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3(3.109)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3(5)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3\1)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3\2)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3\3.102\)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3\3.109\)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3\3)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3\5)	All	All	All
Operating System	Cisco	Pix Firewall Software	2.7	All	All	All
Operating System	Cisco	Pix Firewall Software	3.0	All	All	All
Operating System	Cisco	Pix Firewall Software	3.1	All	All	All
Operating System	Cisco	Pix Firewall Software	4.0	All	All	All
Operating System	Cisco	Pix Firewall Software	4.1\6b)	All	All	All
Operating System	Cisco	Pix Firewall Software	4.1\6)	All	All	All
Operating System	Cisco	Pix Firewall Software	4.2	All	All	All
Operating System	Cisco	Pix Firewall Software	4.2\1)	All	All	All

Operating System	Cisco	Pix Firewall Software	4.2\2\	All	All	All
Operating System	Cisco	Pix Firewall Software	4.2\5\	All	All	All
Operating System	Cisco	Pix Firewall Software	4.3	All	All	All
Operating System	Cisco	Pix Firewall Software	4.4	All	All	All
Operating System	Cisco	Pix Firewall Software	4.4\4\	All	All	All
Operating System	Cisco	Pix Firewall Software	4.4\7.202\	All	All	All
Operating System	Cisco	Pix Firewall Software	4.4\8\	All	All	All
Operating System	Cisco	Pix Firewall Software	5.0	All	All	All
Operating System	Cisco	Pix Firewall Software	5.1	All	All	All
Operating System	Cisco	Pix Firewall Software	5.1\4.206\	All	All	All
Operating System	Cisco	Pix Firewall Software	5.1\4\	All	All	All
Operating System	Cisco	Pix Firewall Software	5.2	All	All	All
Operating System	Cisco	Pix Firewall Software	5.2\1\	All	All	All
Operating System	Cisco	Pix Firewall Software	5.2\2\	All	All	All
Operating System	Cisco	Pix Firewall Software	5.2\3.210\	All	All	All
Operating System	Cisco	Pix Firewall Software	5.2\5\	All	All	All
Operating System	Cisco	Pix Firewall Software	5.2\6\	All	All	All
Operating System	Cisco	Pix Firewall Software	5.2\7\	All	All	All
Operating System	Cisco	Pix Firewall Software	5.2\9\	All	All	All
Operating System	Cisco	Pix Firewall Software	5.3	All	All	All
Operating System	Cisco	Pix Firewall Software	5.3\1.200\	All	All	All
Operating System	Cisco	Pix Firewall Software	5.3\1\	All	All	All
Operating System	Cisco	Pix Firewall Software	5.3\2\	All	All	All
Operating System	Cisco	Pix Firewall Software	5.3\3\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0\1\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0\2\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0\3\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0\4.101\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0\4\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1\1\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1\2\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1\3\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1\4\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1\5\	All	All	All

Operating System	Cisco	Pix Firewall Software	6.1(5)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2(1)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2(2)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2(3.100)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2(3)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3(1)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3(2)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3(3.102)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3(3.109)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3(3)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3(5)	All	All	All
Hardware	Cisco	Secure Pix Firewall	All	All	All	All
Hardware	Cisco	Secure Pix Firewall	All	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	2.0	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	2.5.2.a	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	2.5.2.b	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	2.5.2.c	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	2.5.2.d	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	2.5.2.f	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	3.0	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	3.0.3.a	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	3.0.3.b	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	3.0.4	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	3.1	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	3.1(rel)	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	3.1.1	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	3.1.2	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	3.1.4	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	3.1(rel)	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	3.5(rel)	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	3.5.1	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	3.5.2	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	3.5.3	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	3.5.4	All	All	All





Operating System	Cisco	Vpn 3000 Concentrator Series Software	4.7.1.f	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	4.7	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	4.7.1	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	4.7.1.f	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	4.7.2	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	4.7.2.a	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	4.7.2.f	All	All	All
Operating System	Cisco	Vpn 3000 Concentrator Series Software	4.7(rel)	All	All	All
Hardware	Cisco	Vpn 3001 Concentrator	All	All	All	All
Hardware	Cisco	Vpn 3001 Concentrator	All	All	All	All
Operating System	Cisco	Vpn 3005 Concentrator Software	4.0.1	All	All	All
Operating System	Cisco	Vpn 3005 Concentrator Software	4.0.1	All	All	All
Hardware	Cisco	Vpn 3015 Concentrator	All	All	All	All
Hardware	Cisco	Vpn 3015 Concentrator	All	All	All	All
Hardware	Cisco	Vpn 3020 Concentrator	All	All	All	All
Hardware	Cisco	Vpn 3020 Concentrator	All	All	All	All
Hardware	Cisco	Vpn 3030 Concentrator	All	All	All	All
Operating System	Cisco	Vpn 3030 Concentrator	4.7(rel)	All	All	All
Operating System	Cisco	Vpn 3030 Concentrator	4.7.1	All	All	All
Operating System	Cisco	Vpn 3030 Concentrator	4.7.1.f	All	All	All
Operating System	Cisco	Vpn 3030 Concentrator	4.7.2	All	All	All
Operating System	Cisco	Vpn 3030 Concentrator	4.7.2.a	All	All	All
Operating System	Cisco	Vpn 3030 Concentrator	4.7.2.f	All	All	All
Operating System	Cisco	Vpn 3030 Concentrator	4.7(rel)	All	All	All
Hardware	Cisco	Vpn 3030 Concentrator	All	All	All	All
Operating System	Cisco	Vpn 3030 Concentrator	4.7.1	All	All	All
Operating System	Cisco	Vpn 3030 Concentrator	4.7.1.f	All	All	All
Operating System	Cisco	Vpn 3030 Concentrator	4.7.2	All	All	All
Operating System	Cisco	Vpn 3030 Concentrator	4.7.2.a	All	All	All
Operating System	Cisco	Vpn 3030 Concentrator	4.7.2.f	All	All	All
Operating System	Cisco	Vpn 3030 Concentrator	4.7(rel)	All	All	All
Hardware	Cisco	Vpn 3060 Concentrator	All	All	All	All
Hardware	Cisco	Vpn 3060 Concentrator	All	All	All	All
Hardware	Cisco	Vpn 3080 Concentrator	All	All	All	All
Hardware	Cisco	Vpn 3080 Concentrator	All	All	All	All

## References

Reference	Source	Link
Cisco Internet Key Exchange Denial of Service Vulnerability	BID	<a href="http://www.securityfocus.com">www.securityfocus.com</a>
Cisco Security Response: Internet Key Exchange Resource Exhaustion Attack - Cisco Systems	CISCO	<a href="http://www.cisco.com">www.cisco.com</a>
20060728 Re: Cisco VPN Concentrator IKE resource exhaustion DoS Advisory	BUGTRAQ	<a href="http://archives.neohapsis.com">archives.neohapsis.com</a>
CXSecurity - IDS	SREASON	<a href="http://securityreason.com">securityreason.com</a>
IBM X-Force Exchange	XF	<a href="http://exchange.xforce.ibm.com">exchange.xforce.ibm.com</a>
Repository / Oval Repository	OVAL	<a href="http://oval.cisecurity.org">oval.cisecurity.org</a>
SecurityTracker.com Archives - Cisco VPN 3000 Concentrator IKE v1 Lets Remote Users Deny Service	SECTRAK	<a href="http://securitytracker.com">securitytracker.com</a>
SecurityFocus	BUGTRAQ	<a href="http://www.securityfocus.com">www.securityfocus.com</a>
29068	OSVDB	<a href="http://www.osvdb.org">www.osvdb.org</a>
Cisco VPN Concentrator IKE resource exhaustion DoS	MISC	<a href="http://www.nta-monitor.com">www.nta-monitor.com</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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