



# CVE-2010-0578

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2010-0578
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@cisco.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2010-03-25 21:00:00 UTC
<b>Updated</b>	2017-08-17 01:32:00 UTC
<b>Description</b>	The IKE implementation in Cisco IOS 12.2 through 12.4 on Cisco 7200 and 7301 routers with VAM2+ allows remote attacks

## Risk And Classification

**Problem Types: CWE-310**

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	7200 Router	All	All	All	All
Hardware	Cisco	7200 Router	All	All	All	All
Hardware	Cisco	7301 Router	All	All	All	All
Hardware	Cisco	7301 Router	All	All	All	All
Operating System	Cisco	ios	12.2sb	All	All	All
Operating System	Cisco	ios	12.2sca	All	All	All
Operating System	Cisco	ios	12.2scb	All	All	All
Operating System	Cisco	ios	12.2scc	All	All	All
Operating System	Cisco	ios	12.2sra	All	All	All
Operating System	Cisco	ios	12.3t	All	All	All
Operating System	Cisco	ios	12.3xe	All	All	All
Operating System	Cisco	ios	12.3xj	All	All	All
Operating System	Cisco	ios	12.3xr	All	All	All
Operating System	Cisco	ios	12.3xu	All	All	All
Operating System	Cisco	ios	12.3xw	All	All	All
Operating System	Cisco	ios	12.3xx	All	All	All
Operating System	Cisco	ios	12.3yf	All	All	All

Operating System	Cisco	ios	12.3yg	All	All	All
Operating System	Cisco	ios	12.3yk	All	All	All
Operating System	Cisco	ios	12.3yq	All	All	All
Operating System	Cisco	ios	12.3ys	All	All	All
Operating System	Cisco	ios	12.3yu	All	All	All
Operating System	Cisco	ios	12.3yx	All	All	All
Operating System	Cisco	ios	12.3za	All	All	All
Operating System	Cisco	ios	12.4	All	All	All
Operating System	Cisco	ios	12.4gc	All	All	All
Operating System	Cisco	ios	12.4ja	All	All	All
Operating System	Cisco	ios	12.4jda	All	All	All
Operating System	Cisco	ios	12.4jdc	All	All	All
Operating System	Cisco	ios	12.4jdd	All	All	All
Operating System	Cisco	ios	12.4jk	All	All	All
Operating System	Cisco	ios	12.4jl	All	All	All
Operating System	Cisco	ios	12.4jma	All	All	All
Operating System	Cisco	ios	12.4jmb	All	All	All
Operating System	Cisco	ios	12.4jx	All	All	All
Operating System	Cisco	ios	12.4md	All	All	All
Operating System	Cisco	ios	12.4mda	All	All	All
Operating System	Cisco	ios	12.4mr	All	All	All
Operating System	Cisco	ios	12.4sw	All	All	All
Operating System	Cisco	ios	12.4t	All	All	All
Operating System	Cisco	ios	12.4xa	All	All	All
Operating System	Cisco	ios	12.4xb	All	All	All
Operating System	Cisco	ios	12.4xc	All	All	All
Operating System	Cisco	ios	12.4xd	All	All	All
Operating System	Cisco	ios	12.4xe	All	All	All
Operating System	Cisco	ios	12.4xf	All	All	All
Operating System	Cisco	ios	12.4xg	All	All	All
Operating System	Cisco	ios	12.4xj	All	All	All
Operating System	Cisco	ios	12.4xk	All	All	All
Operating System	Cisco	ios	12.4xl	All	All	All
Operating System	Cisco	ios	12.4xm	All	All	All
Operating System	Cisco	ios	12.4xn	All	All	All

Operating System	Cisco	ios	12.4xp	All	All	All
Operating System	Cisco	ios	12.4xq	All	All	All
Operating System	Cisco	ios	12.4xr	All	All	All
Operating System	Cisco	ios	12.4xt	All	All	All
Operating System	Cisco	ios	12.4xv	All	All	All
Operating System	Cisco	ios	12.4xw	All	All	All
Operating System	Cisco	ios	12.4xy	All	All	All
Operating System	Cisco	ios	12.4xz	All	All	All
Operating System	Cisco	ios	12.4ya	All	All	All
Operating System	Cisco	ios	12.4yb	All	All	All
Operating System	Cisco	ios	12.4yd	All	All	All
Operating System	Cisco	ios	12.4ye	All	All	All
Operating System	Cisco	ios	12.4yg	All	All	All
Operating System	Cisco	ios	12.2sb	All	All	All
Operating System	Cisco	ios	12.2sca	All	All	All
Operating System	Cisco	ios	12.2scb	All	All	All
Operating System	Cisco	ios	12.2scc	All	All	All
Operating System	Cisco	ios	12.2sra	All	All	All
Operating System	Cisco	ios	12.3t	All	All	All
Operating System	Cisco	ios	12.3xe	All	All	All
Operating System	Cisco	ios	12.3xj	All	All	All
Operating System	Cisco	ios	12.3xr	All	All	All
Operating System	Cisco	ios	12.3xu	All	All	All
Operating System	Cisco	ios	12.3xw	All	All	All
Operating System	Cisco	ios	12.3xx	All	All	All
Operating System	Cisco	ios	12.3yf	All	All	All
Operating System	Cisco	ios	12.3yg	All	All	All
Operating System	Cisco	ios	12.3yk	All	All	All
Operating System	Cisco	ios	12.3yq	All	All	All
Operating System	Cisco	ios	12.3ys	All	All	All
Operating System	Cisco	ios	12.3yu	All	All	All
Operating System	Cisco	ios	12.3yx	All	All	All
Operating System	Cisco	ios	12.3za	All	All	All
Operating System	Cisco	ios	12.4	All	All	All
Operating System	Cisco	ios	12.4gc	All	All	All

Operating System	Cisco	ios	12.4ja	All	All	All
Operating System	Cisco	ios	12.4jda	All	All	All
Operating System	Cisco	ios	12.4jdc	All	All	All
Operating System	Cisco	ios	12.4jdd	All	All	All
Operating System	Cisco	ios	12.4jk	All	All	All
Operating System	Cisco	ios	12.4jl	All	All	All
Operating System	Cisco	ios	12.4jma	All	All	All
Operating System	Cisco	ios	12.4jmb	All	All	All
Operating System	Cisco	ios	12.4jx	All	All	All
Operating System	Cisco	ios	12.4md	All	All	All
Operating System	Cisco	ios	12.4mda	All	All	All
Operating System	Cisco	ios	12.4mr	All	All	All
Operating System	Cisco	ios	12.4sw	All	All	All
Operating System	Cisco	ios	12.4t	All	All	All
Operating System	Cisco	ios	12.4xa	All	All	All
Operating System	Cisco	ios	12.4xb	All	All	All
Operating System	Cisco	ios	12.4xc	All	All	All
Operating System	Cisco	ios	12.4xd	All	All	All
Operating System	Cisco	ios	12.4xe	All	All	All
Operating System	Cisco	ios	12.4xf	All	All	All
Operating System	Cisco	ios	12.4xg	All	All	All
Operating System	Cisco	ios	12.4xj	All	All	All
Operating System	Cisco	ios	12.4xk	All	All	All
Operating System	Cisco	ios	12.4xl	All	All	All
Operating System	Cisco	ios	12.4xm	All	All	All
Operating System	Cisco	ios	12.4xn	All	All	All
Operating System	Cisco	ios	12.4xp	All	All	All
Operating System	Cisco	ios	12.4xq	All	All	All
Operating System	Cisco	ios	12.4xr	All	All	All
Operating System	Cisco	ios	12.4xt	All	All	All
Operating System	Cisco	ios	12.4xv	All	All	All
Operating System	Cisco	ios	12.4xw	All	All	All
Operating System	Cisco	ios	12.4xy	All	All	All
Operating System	Cisco	ios	12.4xz	All	All	All
Operating System	Cisco	ios	12.4ya	All	All	All
Operating System	Cisco	ios	12.4yb	All	All	All

Operating System	Cisco	ios	12.4yd	All	All	All
Operating System	Cisco	ios	12.4ye	All	All	All
Operating System	Cisco	ios	12.4yg	All	All	All
Hardware	Cisco	Router 7200	All	All	All	All
Hardware	Cisco	Router 7200	All	All	All	All

## References

Reference	Source	Link
Cisco IOS IPsec IKE Packet Denial of Service - Advisories - Community	SECUNIA	<a href="https://secunia.com">secunia.com</a>
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	VUPEN	<a href="https://www.vupen.com">www.vupen.com</a>
SecurityTracker.com Archives - Cisco IOS IKE Packet Processing Flaw Lets Remote Users Deny Service	SECTRACK	<a href="https://www.securitytrack.com">www.securitytrack.com</a>
IBM X-Force Exchange	XF	<a href="https://exchange.xforce.ibmcloud.com">exchange.xforce.ibmcloud.com</a>
63182	OSVDB	<a href="https://osvdb.org">osvdb.org</a>
Cisco Security Advisory: Cisco IOS Software IPsec Vulnerability - Cisco Systems	CISCO	<a href="https://www.cisco.com">www.cisco.com</a>
Cisco IOS IPsec Internet Key Exchange (IKE) Malformed Packet Denial of Service Vulnerability	BID	<a href="https://www.securityfocus.com/bid">www.securityfocus.com/bid</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://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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