CVE-2005-1600

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CVE-2005-1600

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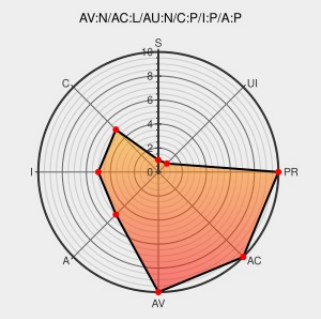

Certain versions of Libtomcrypt from Libtomcrypt contain the following vulnerability:

A "mathematical flaw" in the implementation of the El Gamal signature algorithm for LibTomCrypt 1.0 to 1.0.2 allows attackers to generate valid signatures without having the private key.

CVE-2005-1600 has been assigned by cve@mitre.org to track the vulnerability

CVSS2 Score: 7.5 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Secunia - Advisories - LibTomCrypt ECC Signature Scheme Vulnerability	web.archive.org text/html	SECUNIA 15233
IBM X-Force Exchange	exchange.xforce.ibmcloud.com text/html	XF libtomcrypt-signature-security-bypass(20455)
LibTomCrypt El Gamal Implementation Flaw Valid Signature Generation Vulnerability	cve.report (archive) text/html	BID 13473
No Description Provided	www.securityfocus.org Inactive Link Not Archived	BUGTRAQ 20050503 Secure Science Corporation Advisory CSA-056
No Description Provided	www.osvdb.org Inactive Link Not Archived	OSVDB 16188

SecuriTeam.com ™ - LibTomCrypt Weak Signature Scheme	www.securiteam.com text/html	MISC www.securiteam.com/unixfocus/5JP092AFPG.html

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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
Application	Libtomcrypt	Libtomcrypt	1.0	All	All	All
Application	Libtomcrypt	Libtomcrypt	1.0.1	All	All	All
Application	Libtomcrypt	Libtomcrypt	1.0.2	All	All	All
Application	Libtomcrypt	Libtomcrypt	1.0	All	All	All
Application	Libtomcrypt	Libtomcrypt	1.0.1	All	All	All
Application	Libtomcrypt	Libtomcrypt	1.0.2	All	All	All

cpe:2.3:a:libtomcrypt:libtomcrypt:1.0:*:*:*:*:*:*:*:

cpe:2.3:a:libtomcrypt:libtomcrypt:1.0.1:*:*:*:*:*:*:*:

cpe:2.3:a:libtomcrypt:libtomcrypt:1.0.2:*:*:*:*:*:*:*:

cpe:2.3:a:libtomcrypt:libtomcrypt:1.0:*:*:*:*:*:*:*:

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cpe:2.3:a:libtomcrypt:libtomcrypt:1.0.2:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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