



CVE-2011-4858

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

Summary

CVE	CVE-2011-4858
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-01-05 19:55:00 UTC
Updated	2023-11-07 02:09:00 UTC
Description	Apache Tomcat before 5.5.35, 6.x before 6.0.35, and 7.x before 7.0.23 computes hash values for form parameters without

Risk And Classification

Problem Types: CWE-399

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Tomcat	5.5.35	All	All	All
Application	Apache	Tomcat	6.0.0	All	All	All
Application	Apache	Tomcat	6.0.1	All	All	All
Application	Apache	Tomcat	6.0.10	All	All	All
Application	Apache	Tomcat	6.0.11	All	All	All
Application	Apache	Tomcat	6.0.12	All	All	All
Application	Apache	Tomcat	6.0.13	All	All	All
Application	Apache	Tomcat	6.0.14	All	All	All
Application	Apache	Tomcat	6.0.15	All	All	All
Application	Apache	Tomcat	6.0.16	All	All	All
Application	Apache	Tomcat	6.0.17	All	All	All
Application	Apache	Tomcat	6.0.18	All	All	All
Application	Apache	Tomcat	6.0.19	All	All	All
Application	Apache	Tomcat	6.0.2	All	All	All
Application	Apache	Tomcat	6.0.20	All	All	All
Application	Apache	Tomcat	6.0.21	All	All	All
Application	Apache	Tomcat	6.0.22	All	All	All

Application	Apache	Tomcat	6.0.23	All	All	All
Application	Apache	Tomcat	6.0.24	All	All	All
Application	Apache	Tomcat	6.0.25	All	All	All
Application	Apache	Tomcat	6.0.26	All	All	All
Application	Apache	Tomcat	6.0.27	All	All	All
Application	Apache	Tomcat	6.0.28	All	All	All
Application	Apache	Tomcat	6.0.29	All	All	All
Application	Apache	Tomcat	6.0.3	All	All	All
Application	Apache	Tomcat	6.0.30	All	All	All
Application	Apache	Tomcat	6.0.31	All	All	All
Application	Apache	Tomcat	6.0.32	All	All	All
Application	Apache	Tomcat	6.0.33	All	All	All
Application	Apache	Tomcat	6.0.34	All	All	All
Application	Apache	Tomcat	6.0.4	All	All	All
Application	Apache	Tomcat	6.0.5	All	All	All
Application	Apache	Tomcat	6.0.6	All	All	All
Application	Apache	Tomcat	6.0.7	All	All	All
Application	Apache	Tomcat	6.0.8	All	All	All
Application	Apache	Tomcat	6.0.9	All	All	All
Application	Apache	Tomcat	7.0.0	All	All	All
Application	Apache	Tomcat	7.0.1	All	All	All
Application	Apache	Tomcat	7.0.10	All	All	All
Application	Apache	Tomcat	7.0.11	All	All	All
Application	Apache	Tomcat	7.0.12	All	All	All
Application	Apache	Tomcat	7.0.13	All	All	All
Application	Apache	Tomcat	7.0.14	All	All	All
Application	Apache	Tomcat	7.0.15	All	All	All
Application	Apache	Tomcat	7.0.16	All	All	All
Application	Apache	Tomcat	7.0.17	All	All	All
Application	Apache	Tomcat	7.0.18	All	All	All
Application	Apache	Tomcat	7.0.19	All	All	All
Application	Apache	Tomcat	7.0.2	All	All	All
Application	Apache	Tomcat	7.0.20	All	All	All
Application	Apache	Tomcat	7.0.21	All	All	All
Application	Apache	Tomcat	7.0.22	All	All	All

Application	Apache	Tomcat	7.0.3	All	All	All
Application	Apache	Tomcat	7.0.4	All	All	All
Application	Apache	Tomcat	7.0.5	All	All	All
Application	Apache	Tomcat	7.0.6	All	All	All
Application	Apache	Tomcat	7.0.7	All	All	All
Application	Apache	Tomcat	7.0.8	All	All	All
Application	Apache	Tomcat	7.0.9	All	All	All
Application	Apache	Tomcat	5.5.35	All	All	All
Application	Apache	Tomcat	6.0.0	All	All	All
Application	Apache	Tomcat	6.0.1	All	All	All
Application	Apache	Tomcat	6.0.10	All	All	All
Application	Apache	Tomcat	6.0.11	All	All	All
Application	Apache	Tomcat	6.0.12	All	All	All
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Application	Apache	Tomcat	6.0.16	All	All	All
Application	Apache	Tomcat	6.0.17	All	All	All
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Application	Apache	Tomcat	6.0.20	All	All	All
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Application	Apache	Tomcat	6.0.22	All	All	All
Application	Apache	Tomcat	6.0.23	All	All	All
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Application	Apache	Tomcat	6.0.25	All	All	All
Application	Apache	Tomcat	6.0.26	All	All	All
Application	Apache	Tomcat	6.0.27	All	All	All
Application	Apache	Tomcat	6.0.28	All	All	All
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Application	Apache	Tomcat	6.0.31	All	All	All
Application	Apache	Tomcat	6.0.32	All	All	All
Application	Apache	Tomcat	6.0.33	All	All	All

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Application	Apache	Tomcat	6.0.34	All	All	All
Application	Apache	Tomcat	6.0.4	All	All	All
Application	Apache	Tomcat	6.0.5	All	All	All
Application	Apache	Tomcat	6.0.6	All	All	All
Application	Apache	Tomcat	6.0.7	All	All	All
Application	Apache	Tomcat	6.0.8	All	All	All
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Application	Apache	Tomcat	7.0.15	All	All	All
Application	Apache	Tomcat	7.0.16	All	All	All
Application	Apache	Tomcat	7.0.17	All	All	All
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Application	Apache	Tomcat	7.0.4	All	All	All
Application	Apache	Tomcat	7.0.5	All	All	All
Application	Apache	Tomcat	7.0.6	All	All	All
Application	Apache	Tomcat	7.0.7	All	All	All
Application	Apache	Tomcat	7.0.8	All	All	All
Application	Apache	Tomcat	7.0.9	All	All	All

References						
Reference						Source
'[security bulletin] HPSBUX02860 SSRT101146 rev.1 - HP-UX Apache Running Tomcat Servlet Engine, Remot' - MARC						HP
RHSA-2012:0406						REDHAT

Security Advisory SA54971 - IBM Tivoli Integrated Portal Multiple Vulnerabilities - Secunia	SECUNIA
Security Advisory SA55115 - IBM Tivoli Dynamic Workload Console Multiple Vulnerabilities - Secunia	SECUNIA
RHSA-2012:0089	REDHAT
Debian -- Security Information -- DSA-2401-1 tomcat6	DEBIAN
Security Advisory SA48791 - Red Hat update for tomcat6 - Secunia	SECUNIA
Apache Tomcat Hash Collision Denial Of Service Vulnerability	BID
'[security bulletin] HPSBUX02741 SSRT100728 rev.1 - HP-UX Apache Running Tomcat Servlet Engine, Remot' - MARC	HP
Security Advisory SA48790 - Red Hat update for tomcat5 - Secunia	SECUNIA
Best 7 Best Internet Security Software in 2019	MISC
Red Hat Customer Portal	REDHAT
Red Hat Customer Portal	REDHAT
oCERT.org - oCERT Advisories	MISC
Red Hat Customer Portal	REDHAT
[SECURITY] Apache Tomcat and the hashtable collision DoS vulnerability	MLIST
Apache Tomcat 7 (7.0.23) - Changelog	CONFIRM
Red Hat Customer Portal	REDHAT
Repository / Oval Repository	OVAL
Red Hat Customer Portal	REDHAT
'[security bulletin] HPSBMU02747 SSRT100771 rev.1 - HP OpenView Network Node Manager (OV NNM) Running' - MARC	HP
Red Hat Customer Portal	REDHAT
[SECURITY] Apache Tomcat and the hashtable collision DoS vulnerability	
VU#903934 - Hash table implementations vulnerable to algorithmic complexity attacks	CERT-VN
HashCollision-DOS-POC/HashtablePOC.py at master · FireFart/HashCollision-DOS-POC · GitHub	MISC
About Secunia Research Flexera	SECUNIA
750521 – (CVE-2011-4084, CVE-2011-4858) CVE-2011-4858 tomcat: hash table collisions CPU usage DoS (oCERT-2011-003)	CONFIRM
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

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