CVE-2010-4170

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Summary

CVE	CVE-2010-4170
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-12-07 22:00:00 UTC
Updated	2023-02-13 04:28:00 UTC
Description	The staprun runtime tool in SystemTap 1.3 does not properly clear the environment before executing modprobe, which allo

Risk And Classification

Problem Types: CWE-264

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Systemtap	Systemtap	1.3	All	All	All
Application	Systemtap	Systemtap	1.3	All	All	All

References

Reference	Source	Link
Red Hat Customer Portal	MISC	access.redhat.com
[SECURITY] Fedora 14 Update: systemtap-1.3-3.fc14	FEDORA	lists.fedoraproject.org
IBM X-Force Exchange	XF	exchange.xforce.ibmcloud.c
Red Hat Customer Portal	MISC	access.redhat.com
Red Hat update for systemtap - Advisories - Community	SECUNIA	secunia.com
[SECURITY] Fedora 12 Update: systemtap-1.3-3.fc12	FEDORA	lists.fedoraproject.org
rhn.redhat.com | Red Hat Support	REDHAT	www.redhat.com
SystemTap 1.3 MODPROBE_OPTIONS Privilege Escalation ≈ Packet Storm	MISC	packetstormsecurity.com
Red Hat update for systemtap - Advisories - Community	SECUNIA	secunia.com
www.sourceware.org Git - systemtap.git/commit	MISC	sources.redhat.com
Local Root Privilege Escalation Vulnerability in systemtap	EXPLOIT-DB	www.exploit-db.com
SystemTap 1.3 - MODPROBE_OPTIONS Privilege Escalation (Metasploit) - Linux local Exploit	EXPLOIT-DB	www.exploit-db.com

SystemTap 'modprob' Command Environment Variable Local Privilege Escalation Vulnerability	BID	www.securityfocus.com
Frank Ch. Eigler - important systemtap security fix	MLIST	sources.redhat.com
rhn.redhat.com | Red Hat Support	REDHAT	www.redhat.com
Fedora update for systemtap - Advisories - Community	SECUNIA	secunia.com
653604 – (CVE-2010-4170) CVE-2010-4170 Systemtap: Insecure loading of modules	MISC	bugzilla.redhat.com
Debian -- Security Information -- DSA-2348-1 systemtap	DEBIAN	www.debian.org
SystemTap Denial of Service and Privilege Escalation Vulnerabilities - Advisories - Community	SECUNIA	secunia.com
access.redhat.com | CVE-2010-4170	MISC	access.redhat.com
SecurityTracker: SystemTap Lets Local Users Gain Elevated Privileges and Deny Service	SECTRACK	www.securitytracker.com
Security Advisory SA46920 - Debian update for systemtap - Secunia	SECUNIA	secunia.com
[SECURITY] Fedora 13 Update: systemtap-1.3-3.fc13	FEDORA	lists.fedoraproject.org
www.sourceware.org Git - systemtap.git/commit	CONFIRM	sources.redhat.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status **status.cve.report**