



CVE-2015-7973

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

Summary

CVE	CVE-2015-7973
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-01-30 21:59:00 UTC
Updated	2021-04-26 17:42:00 UTC
Description	NTP before 4.2.8p6 and 4.3.x before 4.3.90, when configured in broadcast mode, allows man-in-the-middle attackers to cor

Risk And Classification

Problem Types: CWE-254

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Freebsd	Freebsd	All	All	All	All
Operating System	Freebsd	Freebsd	10.1	-	All	All
Operating System	Freebsd	Freebsd	10.1	p1	All	All
Operating System	Freebsd	Freebsd	10.1	p10	All	All
Operating System	Freebsd	Freebsd	10.1	p12	All	All
Operating System	Freebsd	Freebsd	10.1	p15	All	All
Operating System	Freebsd	Freebsd	10.1	p16	All	All
Operating System	Freebsd	Freebsd	10.1	p17	All	All
Operating System	Freebsd	Freebsd	10.1	p18	All	All
Operating System	Freebsd	Freebsd	10.1	p19	All	All
Operating System	Freebsd	Freebsd	10.1	p2	All	All
Operating System	Freebsd	Freebsd	10.1	p22	All	All
Operating System	Freebsd	Freebsd	10.1	p24	All	All
Operating System	Freebsd	Freebsd	10.1	p25	All	All

Operating System	Freebsd	Freebsd	10.1	p26	All	All
Operating System	Freebsd	Freebsd	10.1	p27	All	All
Operating System	Freebsd	Freebsd	10.1	p3	All	All
Operating System	Freebsd	Freebsd	10.1	p4	All	All
Operating System	Freebsd	Freebsd	10.1	p5	All	All
Operating System	Freebsd	Freebsd	10.1	p6	All	All
Operating System	Freebsd	Freebsd	10.1	p7	All	All
Operating System	Freebsd	Freebsd	10.1	p8	All	All
Operating System	Freebsd	Freebsd	10.1	p9	All	All
Operating System	Freebsd	Freebsd	10.2	-	All	All
Operating System	Freebsd	Freebsd	10.2	p1	All	All
Operating System	Freebsd	Freebsd	10.2	p10	All	All
Operating System	Freebsd	Freebsd	10.2	p2	All	All
Operating System	Freebsd	Freebsd	10.2	p5	All	All
Operating System	Freebsd	Freebsd	10.2	p7	All	All
Operating System	Freebsd	Freebsd	10.2	p8	All	All
Operating System	Freebsd	Freebsd	10.2	p9	All	All
Operating System	Freebsd	Freebsd	9.3	-	All	All
Operating System	Freebsd	Freebsd	9.3	p1	All	All
Operating System	Freebsd	Freebsd	9.3	p10	All	All
Operating System	Freebsd	Freebsd	9.3	p12	All	All
Operating System	Freebsd	Freebsd	9.3	p13	All	All
Operating System	Freebsd	Freebsd	9.3	p16	All	All
Operating System	Freebsd	Freebsd	9.3	p19	All	All
Operating System	Freebsd	Freebsd	9.3	p2	All	All
Operating System	Freebsd	Freebsd	9.3	p20	All	All
Operating System	Freebsd	Freebsd	9.3	p21	All	All
Operating System	Freebsd	Freebsd	9.3	p22	All	All
Operating System	Freebsd	Freebsd	9.3	p23	All	All
Operating System	Freebsd	Freebsd	9.3	p24	All	All
Operating System	Freebsd	Freebsd	9.3	p25	All	All
Operating System	Freebsd	Freebsd	9.3	p3	All	All
Operating System	Freebsd	Freebsd	9.3	p5	All	All
Operating System	Freebsd	Freebsd	9.3	p6	All	All
Operating System	Freebsd	Freebsd	9.3	p7	All	All

Operating System	Freebsd	Freebsd	9.3	p8	All	All
Operating System	Freebsd	Freebsd	9.3	p9	All	All
Application	Netapp	Clustered Data Ontap	-	All	All	All
Application	Netapp	Oncommand Balance	-	All	All	All
Application	Ntp	Ntp	All	All	All	All
Application	Ntp	Ntp	4.2.8	-	All	All
Application	Ntp	Ntp	4.2.8	p1	All	All
Application	Ntp	Ntp	4.2.8	p1-beta1	All	All
Application	Ntp	Ntp	4.2.8	p1-beta2	All	All
Application	Ntp	Ntp	4.2.8	p1-beta3	All	All
Application	Ntp	Ntp	4.2.8	p1-beta4	All	All
Application	Ntp	Ntp	4.2.8	p1-beta5	All	All
Application	Ntp	Ntp	4.2.8	p1-rc1	All	All
Application	Ntp	Ntp	4.2.8	p1-rc2	All	All
Application	Ntp	Ntp	4.2.8	p2	All	All
Application	Ntp	Ntp	4.2.8	p2-rc1	All	All
Application	Ntp	Ntp	4.2.8	p2-rc2	All	All
Application	Ntp	Ntp	4.2.8	p2-rc3	All	All
Application	Ntp	Ntp	4.2.8	p3	All	All
Application	Ntp	Ntp	4.2.8	p3-rc1	All	All
Application	Ntp	Ntp	4.2.8	p3-rc2	All	All
Application	Ntp	Ntp	4.2.8	p3-rc3	All	All
Application	Ntp	Ntp	4.2.8	p4	All	All
Application	Ntp	Ntp	4.2.8	p5	All	All
Application	Ntp	Ntp	4.3.0	All	All	All
Application	Ntp	Ntp	4.3.1	All	All	All
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Application	Ntp	Ntp	4.3.12	All	All	All
Application	Ntp	Ntp	4.3.13	All	All	All
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Application	Ntp	Ntp	4.3.18	All	All	All
Application	Ntp	Ntp	4.3.19	All	All	All

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Application	Ntp	Ntp	4.3.2	All	All	All
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Application	Ntp	Ntp	4.3.23	All	All	All
Application	Ntp	Ntp	4.3.24	All	All	All
Application	Ntp	Ntp	4.3.25	All	All	All
Application	Ntp	Ntp	4.3.26	All	All	All
Application	Ntp	Ntp	4.3.27	All	All	All
Application	Ntp	Ntp	4.3.28	All	All	All
Application	Ntp	Ntp	4.3.29	All	All	All
Application	Ntp	Ntp	4.3.3	All	All	All
Application	Ntp	Ntp	4.3.30	All	All	All
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Application	Ntp	Ntp	4.3.44	All	All	All
Application	Ntp	Ntp	4.3.45	All	All	All
Application	Ntp	Ntp	4.3.46	All	All	All
Application	Ntp	Ntp	4.3.47	All	All	All
Application	Ntp	Ntp	4.3.48	All	All	All
Application	Ntp	Ntp	4.3.49	All	All	All
Application	Ntp	Ntp	4.3.5	All	All	All
Application	Ntp	Ntp	4.3.50	All	All	All

Application	Ntp	Ntp	4.3.51	All	All	All
Application	Ntp	Ntp	4.3.52	All	All	All
Application	Ntp	Ntp	4.3.53	All	All	All
Application	Ntp	Ntp	4.3.54	All	All	All
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Application	Ntp	Ntp	4.3.56	All	All	All
Application	Ntp	Ntp	4.3.57	All	All	All
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Application	Ntp	Ntp	4.3.6	All	All	All
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Application	Ntp	Ntp	4.3.71	All	All	All
Application	Ntp	Ntp	4.3.72	All	All	All
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Application	Ntp	Ntp	4.3.74	All	All	All
Application	Ntp	Ntp	4.3.75	All	All	All
Application	Ntp	Ntp	4.3.76	All	All	All
Application	Ntp	Ntp	4.3.77	All	All	All
Application	Ntp	Ntp	4.3.78	All	All	All
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Application	Ntp	Ntp	4.3.82	All	All	All

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Application	Ntp	Ntp	4.3.89	All	All	All
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Application	Ntp	Ntp	4.3.10	All	All	All
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Application	Ntp	Ntp	4.3.12	All	All	All
Application	Ntp	Ntp	4.3.13	All	All	All
Application	Ntp	Ntp	4.3.14	All	All	All
Application	Ntp	Ntp	4.3.15	All	All	All
Application	Ntp	Ntp	4.3.16	All	All	All
Application	Ntp	Ntp	4.3.17	All	All	All
Application	Ntp	Ntp	4.3.18	All	All	All
Application	Ntp	Ntp	4.3.19	All	All	All
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Application	Ntp	Ntp	4.3.21	All	All	All
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Application	Ntp	Ntp	4.3.24	All	All	All
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Application	Ntp	Ntp	4.3.29	All	All	All
Application	Ntp	Ntp	4.3.3	All	All	All
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Application	Ntp	Ntp	4.3.31	All	All	All
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Application	Ntp	Ntp	4.3.34	All	All	All

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Application	Ntp	Ntp	4.3.35	All	All	All
Application	Ntp	Ntp	4.3.36	All	All	All
Application	Ntp	Ntp	4.3.37	All	All	All
Application	Ntp	Ntp	4.3.38	All	All	All
Application	Ntp	Ntp	4.3.39	All	All	All
Application	Ntp	Ntp	4.3.4	All	All	All
Application	Ntp	Ntp	4.3.40	All	All	All
Application	Ntp	Ntp	4.3.41	All	All	All
Application	Ntp	Ntp	4.3.42	All	All	All
Application	Ntp	Ntp	4.3.43	All	All	All
Application	Ntp	Ntp	4.3.44	All	All	All
Application	Ntp	Ntp	4.3.45	All	All	All
Application	Ntp	Ntp	4.3.46	All	All	All
Application	Ntp	Ntp	4.3.47	All	All	All
Application	Ntp	Ntp	4.3.48	All	All	All
Application	Ntp	Ntp	4.3.49	All	All	All
Application	Ntp	Ntp	4.3.5	All	All	All
Application	Ntp	Ntp	4.3.50	All	All	All
Application	Ntp	Ntp	4.3.51	All	All	All
Application	Ntp	Ntp	4.3.52	All	All	All
Application	Ntp	Ntp	4.3.53	All	All	All
Application	Ntp	Ntp	4.3.54	All	All	All
Application	Ntp	Ntp	4.3.55	All	All	All
Application	Ntp	Ntp	4.3.56	All	All	All
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Application	Ntp	Ntp	4.3.58	All	All	All
Application	Ntp	Ntp	4.3.59	All	All	All
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Application	Ntp	Ntp	4.3.61	All	All	All
Application	Ntp	Ntp	4.3.62	All	All	All
Application	Ntp	Ntp	4.3.63	All	All	All
Application	Ntp	Ntp	4.3.64	All	All	All
Application	Ntp	Ntp	4.3.65	All	All	All
Application	Ntp	Ntp	4.3.66	All	All	All

Application	Ntp	Ntp	4.3.67	All	All	All
Application	Ntp	Ntp	4.3.68	All	All	All
Application	Ntp	Ntp	4.3.69	All	All	All
Application	Ntp	Ntp	4.3.7	All	All	All
Application	Ntp	Ntp	4.3.70	All	All	All
Application	Ntp	Ntp	4.3.71	All	All	All
Application	Ntp	Ntp	4.3.72	All	All	All
Application	Ntp	Ntp	4.3.73	All	All	All
Application	Ntp	Ntp	4.3.74	All	All	All
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Application	Ntp	Ntp	4.3.76	All	All	All
Application	Ntp	Ntp	4.3.77	All	All	All
Application	Ntp	Ntp	4.3.78	All	All	All
Application	Ntp	Ntp	4.3.79	All	All	All
Application	Ntp	Ntp	4.3.8	All	All	All
Application	Ntp	Ntp	4.3.80	All	All	All
Application	Ntp	Ntp	4.3.81	All	All	All
Application	Ntp	Ntp	4.3.82	All	All	All
Application	Ntp	Ntp	4.3.83	All	All	All
Application	Ntp	Ntp	4.3.84	All	All	All
Application	Ntp	Ntp	4.3.85	All	All	All
Application	Ntp	Ntp	4.3.86	All	All	All
Application	Ntp	Ntp	4.3.87	All	All	All
Application	Ntp	Ntp	4.3.88	All	All	All
Application	Ntp	Ntp	4.3.89	All	All	All
Application	Ntp	Ntp	All	p5	All	All
Hardware	Siemens	Tim 4r-ie	-	All	All	All
Hardware	Siemens	Tim 4r-ie Dnp3	-	All	All	All
Operating System	Siemens	Tim 4r-ie Dnp3 Firmware	All	All	All	All
Operating System	Siemens	Tim 4r-ie Firmware	All	All	All	All

References

Reference	Source
[security-announce] SUSE-SU-2016:1247-1: important: Security update for	SUSE
Document Display HPE Support Center	CONF
NTP: Multiple vulnerabilities (GL SA 201607-15) — Gentoo Security	GENT

ntp: multiple vulnerabilities (CVE-2016-719) — Gentoo Security	CERT
openSUSE-SU-2016:1423-1: moderate: Security update for ntp	SUSE
[security-announce] SUSE-SU-2016:1311-1: important: Security update for	SUSE
Vulnerability Note VU#718152 - NTP.org ntpd contains multiple vulnerabilities	CERT
support.ntp.org/bin/view/Main/NtpBug2935	CONF
ntp Multiple Flaws Let Remote Users Spoof Messages, Obtain Potentially Sensitive Information, and Deny Service - SecurityTracker	SECTI
[security-announce] SUSE-SU-2016:1912-1: important: Security update for	SUSE
January 2016 Network Time Protocol Daemon (ntpd) Vulnerabilities in NetApp Products NetApp Product Security	CONF
[security-announce] SUSE-SU-2016:2094-1: important: Security update for	SUSE
SA113: January 2016 NTP Security Vulnerabilities Blue Coat Systems, Inc.	CONF
FreeBSD-SA-16:09	FREED
[security-announce] SUSE-SU-2016:1177-1: important: Security update for	SUSE
NTP CVE-2015-7973 Security Bypass Vulnerability	BID
Document Display HPE Support Center	CONF
Siemens TIM 4R-IE Devices CISA	CONF
[security-announce] openSUSE-SU-2016:1292-1: important: Security update	SUSE
cert-portal.siemens.com/productcert/pdf/ssa-497656.pdf	CONF
Multiple Vulnerabilities in Network Time Protocol Daemon Affecting Cisco Products - January 2016	CISCC
[security-announce] SUSE-SU-2016:1175-1: important: Security update for	SUSE
USN-3096-1: NTP vulnerabilities Ubuntu	UBUNTU
CVE Program record	CVE.C
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[590721](#) Siemens TIM 4R-IE Devices Multiple Vulnerabilities (ICSA-21-103-11)

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