CVE-2017-6462

MITRE | NVD | CVE.ORG | Print: PDF

Summary

CVE	CVE-2017-6462
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-03-27 17:59:00 UTC
Updated	2019-01-24 11:29:00 UTC
Description	Buffer overflow in the legacy Datum Programmable Time Server (DPTS) refclock driver in NTP before 4.2.8p10 and 4.3.x b

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ntp	Ntp	4.2.8	p9	All	All
Application	Ntp	Ntp	4.3.0	All	All	All
Application	Ntp	Ntp	4.3.1	All	All	All
Application	Ntp	Ntp	4.3.10	All	All	All
Application	Ntp	Ntp	4.3.11	All	All	All
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
Application	Ntp	Ntp	4.3.2	All	All	All
Application	Ntp	Ntp	4.3.20	All	All	All
Application	Ntp	Ntp	4.3.21	All	All	All
Application	Ntp	Ntp	4.3.22	All	All	All

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
Application	Ntp	Ntp	4.3.31	All	All	All
Application	Ntp	Ntp	4.3.32	All	All	All
Application	Ntp	Ntp	4.3.33	All	All	All
Application	Ntp	Ntp	4.3.34	All	All	All
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
Application	Ntp	Ntp	4.3.57	All	All	All
Application	Ntp	Ntp	4.3.58	All	All	All
Application	Ntp	Ntp	4.3.59	All	All	All
Application	Ntp	Ntp	4.3.6	All	All	All
Application	Ntp	Ntp	4.3.60	All	All	All
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
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
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	4.3.9	All	All	All
Application	Ntp	Ntp	4.3.90	All	All	All
Application	Ntp	Ntp	4.3.91	All	All	All
Application	Ntp	Ntp	4.3.92	All	All	All
Application	Ntp	Ntp	4.3.93	All	All	All
Application	Ntp	Ntp	4.2.8	p9	All	All
Application	Ntp	Ntp	4.3.0	All	All	All
Application	Ntp	Ntp	4.3.1	All	All	All
Application	Ntp	Ntp	4.3.10	All	All	All
Application	Ntp	Ntp	4.3.11	All	All	All
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
Application	Ntp	Ntp	4.3.2	All	All	All
Application	Ntp	Ntp	4.3.20	All	All	All
Application	Ntp	Ntp	4.3.21	All	All	All
Application	Ntp	Ntp	4.3.22	All	All	All
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
Application	Ntp	Ntp	4.3.31	All	All	All
Application	Ntp	Ntp	4.3.32	All	All	All

Application	Ntp	Ntp	4.3.33	All	All	All
Application	Ntp	Ntp	4.3.34	All	All	All
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
Application	Ntp	Ntp	4.3.57	All	All	All
Application	Ntp	Ntp	4.3.58	All	All	All
Application	Ntp	Ntp	4.3.59	All	All	All
Application	Ntp	Ntp	4.3.6	All	All	All
Application	Ntp	Ntp	4.3.60	All	All	All
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
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
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	4.3.9	All	All	All
Application	Ntp	Ntp	4.3.90	All	All	All
Application	Ntp	Ntp	4.3.91	All	All	All
Application	Ntp	Ntp	4.3.92	All	All	All
Application	Ntp	Ntp	4.3.93	All	All	All

References

Reference	Source	Link
Red Hat Customer Portal	REDHAT	access.redhat.com

support.ntp.org/bin/view/Main/SecurityNotice	CONFIRM	support.ntp.org
About the security content of macOS High Sierra 10.13 - Apple Support	CONFIRM	support.apple.com
Document Display | HPE Support Center	CONFIRM	support.hpe.com
USN-3707-2: NTP vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
FreeBSD-SA-17:03	FREEBSD	security.FreeBSD.org
support.ntp.org/bin/view/Main/NtpBug3388	CONFIRM	support.ntp.org
Red Hat Customer Portal	REDHAT	access.redhat.com
ntp Multiple Bugs Let Remote or Local Users Cause the Target Service to Crash - SecurityTracker	SECTRACK	www.securitytracker.com
NTP CVE-2017-6462 Local Buffer Overflow Vulnerability	BID	www.securityfocus.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.

Legacy QID Mappings

378174 Virtuozzo Linux Security Update for ntp-doc (VZLSA-2017:3071)

44030 Juniper Network Operating System (Junos OS) Multiple NTP Vulnerabilities (JSA11171)