



# CVE-2017-6458

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2017-6458
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-03-27 17:59:00 UTC
<b>Updated</b>	2023-11-07 02:49:00 UTC
<b>Description</b>	Multiple buffer overflows in the ctl_put* functions in NTP before 4.2.8p10 and 4.3.x before 4.3.94 allow remote authenticator

## Risk And Classification

**Problem Types:** CWE-119

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	All	All	All	All
Application	<a href="#">Hpe</a>	<a href="#">Hpx-ntp</a>	All	All	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	All	All	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.2.8	-	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.2.8	p1	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.2.8	p1-beta1	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.2.8	p1-beta2	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.2.8	p1-beta3	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.2.8	p1-beta4	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.2.8	p1-beta5	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.2.8	p1-rc1	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.2.8	p1-rc2	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.2.8	p2	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.2.8	p2-rc1	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.2.8	p2-rc2	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.2.8	p2-rc3	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	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	4.2.8	p6	All	All
Application	Ntp	Ntp	4.2.8	p7	All	All
Application	Ntp	Ntp	4.2.8	p8	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
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Application	Ntp	Ntp	4.3.18	All	All	All
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Application	Ntp	Ntp	4.3.20	All	All	All
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Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.3.89	All	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.3.9	All	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.3.90	All	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.3.91	All	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.3.92	All	All	All
Application	<a href="#">Ntp</a>	<a href="#">Ntp</a>	4.3.93	All	All	All
Hardware	<a href="#">Siemens</a>	<a href="#">Simatic Net Cp 443-1 Opc Ua</a>	-	All	All	All
Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Net Cp 443-1 Opc Ua Firmware</a>	All	All	All	All

## References

Reference	Source	Link
Full Disclosure: APPLE-SA-2017-09-25-1 macOS High Sierra 10.13	FULLDISC	<a href="#">secli</a>
<a href="https://support.ntp.org/bin/view/Main/SecurityNotice">support.ntp.org/bin/view/Main/SecurityNotice</a>	CONFIRM	<a href="#">supp</a>
Siemens SIMATIC NET CP 443-1 OPC UA   CISA	MISC	<a href="#">us-ci</a>
[SECURITY] Fedora 26 Update: ntp-4.2.8p10-1.fc26 - package-announce - Fedora Mailing-Lists		<a href="#">lists.</a>
[SECURITY] Fedora 26 Update: ntp-4.2.8p10-1.fc26 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.</a>
About the security content of macOS High Sierra 10.13 - Apple Support	CONFIRM	<a href="#">supp</a>
Document Display   HPE Support Center	CONFIRM	<a href="#">supp</a>
<a href="https://cert-portal.siemens.com/productcert/pdf/ssa-211752.pdf">cert-portal.siemens.com/productcert/pdf/ssa-211752.pdf</a>	CONFIRM	<a href="#">cert-</a>
Slackware Security Advisory - ntp Updates ≈ Packet Storm	MISC	<a href="#">pack</a>

USN-3349-1: NTP vulnerabilities   Ubuntu	UBUNTU	<a href="#">www</a>
[SECURITY] Fedora 25 Update: ntp-4.2.6p5-44.fc25 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.</a>
Broadcom Support Portal	CONFIRM	<a href="#">bto.t</a>
Full Disclosure: APPLE-SA-2017-10-31-8 Additional information for APPLE-SA-2017-09-25-1 macOS High Sierra 10.13	FULLDISC	<a href="#">secli</a>
ntp Multiple Bugs Let Remote or Local Users Cause the Target Service to Crash - SecurityTracker	SECTRACK	<a href="#">www</a>
[SECURITY] Fedora 25 Update: ntp-4.2.6p5-44.fc25 - package-announce - Fedora Mailing-Lists		<a href="#">lists.</a>
support.f5.com/csp/article/K99254031	CONFIRM	<a href="#">supp</a>
[SECURITY] Fedora 24 Update: ntp-4.2.6p5-44.fc24 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.</a>
Broadcom Inc.   Connecting Everything	CONFIRM	<a href="#">www</a>
support.ntp.org/bin/view/Main/NtpBug3379	CONFIRM	<a href="#">supp</a>
NTP CVE-2017-6458 Buffer Overflow Vulnerability	BID	<a href="#">www</a>
[SECURITY] Fedora 24 Update: ntp-4.2.6p5-44.fc24 - package-announce - Fedora Mailing-Lists		<a href="#">lists.</a>
SecurityFocus	BUGTRAQ	<a href="#">www</a>
About the security content of macOS High Sierra 10.13 - Apple Support	CONFIRM	<a href="#">supp</a>
CVE Program record	CVE.ORG	<a href="#">www</a>
NVD vulnerability detail	NVD	<a href="#">nvd.i</a>

No vendor comments have been submitted for this CVE.

#### Legacy QID Mappings

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

[590736](#) Siemens SIMATIC NET CP 443-1 OPC UA Multiple Vulnerabilities (ICSA-21-159-11)

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