



# CVE-2016-7431

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

## Summary

<b>CVE</b>	CVE-2016-7431
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-01-13 16:59:00 UTC
<b>Updated</b>	2021-07-12 17:15:00 UTC
<b>Description</b>	NTP before 4.2.8p9 allows remote attackers to bypass the origin timestamp protection mechanism via an origin timestamp

## Risk And Classification

### Problem Types: CWE-20

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ntp	Ntp	4.2.8	p8	All	All
Application	Ntp	Ntp	4.2.8	p8	All	All

## References

Reference	Source	Link	Ta
FreeBSD-SA-16:39	FREEBSD	<a href="https://security.FreeBSD.org">security.FreeBSD.org</a>	
Siemens SIMATIC NET CP 443-1 OPC UA   CISA	MISC	<a href="https://us-cert.cisa.gov">us-cert.cisa.gov</a>	
<a href="https://support.ntp.org/bin/view/Main/SecurityNotice">support.ntp.org/bin/view/Main/SecurityNotice</a>	CONFIRM	<a href="https://support.ntp.org">support.ntp.org</a>	V
ntp Multiple Bugs Let Remote Users Cause the Target Service to Crash - SecurityTracker	SECTRACK	<a href="https://www.securitytracker.com">www.securitytracker.com</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="https://cert-portal.siemens.com">cert-portal.siemens.com</a>	
<a href="https://support.ntp.org/bin/view/Main/NtpBug3102">support.ntp.org/bin/view/Main/NtpBug3102</a>	CONFIRM	<a href="https://support.ntp.org">support.ntp.org</a>	Is
Document Display   HPE Support Center	CONFIRM	<a href="https://h20566.www2.hpe.com">h20566.www2.hpe.com</a>	
Document Display   HPE Support Center	CONFIRM	<a href="https://support.hpe.com">support.hpe.com</a>	
FreeBSD Security Advisory - FreeBSD-SA-16.39.ntp ≈ Packet Storm	MISC	<a href="https://packetstormsecurity.com">packetstormsecurity.com</a>	
Document Display   HPE Support Center	CONFIRM	<a href="https://support.hpe.com">support.hpe.com</a>	
Broadcom Inc.   Connecting Everything	CONFIRM	<a href="https://www.broadcom.com">www.broadcom.com</a>	
USN-3349-1: NTP vulnerabilities   Ubuntu	UBUNTU	<a href="https://www.ubuntu.com">www.ubuntu.com</a>	

SecurityFocus	BUGTRAQ	<a href="http://www.securityfocus.com">www.securityfocus.com</a>	
SecurityFocus	BUGTRAQ	<a href="http://www.securityfocus.com">www.securityfocus.com</a>	
SecurityFocus	BUGTRAQ	<a href="http://www.securityfocus.com">www.securityfocus.com</a>	
Broadcom Support Portal	CONFIRM	<a href="http://bto.bluecoat.com">bto.bluecoat.com</a>	
Document Display   HPE Support Center	CONFIRM	<a href="http://support.hpe.com">support.hpe.com</a>	
Malformed Request	BID	<a href="http://www.securityfocus.com">www.securityfocus.com</a>	
Network Time Foundation Publishes NTP 4.2.8p9 Security Release	CONFIRM	<a href="http://nwtime.org">nwtime.org</a>	R
openSUSE-SU-2016:3280-1: moderate: Security update for ntp	SUSE	<a href="http://lists.opensuse.org">lists.opensuse.org</a>	
SecurityFocus	BUGTRAQ	<a href="http://www.securityfocus.com">www.securityfocus.com</a>	
Oracle Critical Patch Update - October 2017	CONFIRM	<a href="http://www.oracle.com">www.oracle.com</a>	
Document Display   HPE Support Center	CONFIRM	<a href="http://support.hpe.com">support.hpe.com</a>	
Vulnerability Note VU#633847 - NTP.org ntpd contains multiple denial of service vulnerabilities	CERT-VN	<a href="http://www.kb.cert.org">www.kb.cert.org</a>	TH
Security Advisory - Multiple NTPd Vulnerabilities in Huawei Products	CONFIRM	<a href="http://www.huawei.com">www.huawei.com</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	ca
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	ca

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

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

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