



CVE-2015-5219

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2015-5219 |
| State | PUBLIC |
| Assigner | secalert@redhat.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2017-07-21 14:29:00 UTC |
| Updated | 2023-02-13 00:51:00 UTC |
| Description | The ULOGTOD function in ntp.d in SNTP before 4.2.7p366 does not properly perform type conversions from a precision va |

Risk And Classification

Problem Types: CWE-704

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 | 15.04 | All | All | All |
| Operating System | Canonical | Ubuntu Linux | 15.10 | All | All | All |
| 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 | 15.04 | All | All | All |
| Operating System | Canonical | Ubuntu Linux | 15.10 | All | All | All |
| Operating System | Debian | Debian Linux | 7.0 | All | All | All |
| Operating System | Debian | Debian Linux | 8.0 | All | All | All |
| Operating System | Debian | Debian Linux | 7.0 | All | All | All |
| Operating System | Debian | Debian Linux | 8.0 | All | All | All |
| Operating System | Fedoraproject | Fedora | 21 | All | All | All |
| Operating System | Fedoraproject | Fedora | 22 | All | All | All |
| Operating System | Fedoraproject | Fedora | 23 | All | All | All |
| Operating System | Fedoraproject | Fedora | 21 | All | All | All |
| Operating System | Fedoraproject | Fedora | 22 | All | All | All |

| | | | | | | |
|------------------|-------------------------------|--|------|------|-----|-----|
| Operating System | Fedoraproject | Fedora | 23 | All | All | All |
| Operating System | Novell | Leap | 42.2 | All | All | All |
| Operating System | Novell | Leap | 42.2 | All | All | All |
| Application | Ntp | Ntp | All | p355 | All | All |
| Operating System | Opensuse | Leap | 42.1 | All | All | All |
| Operating System | Opensuse | Leap | 42.1 | All | All | All |
| Operating System | Oracle | Linux | 6 | - | All | All |
| Operating System | Redhat | Enterprise Linux Desktop | 6.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Desktop | 7.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Desktop | 6.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Desktop | 7.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Hpc Node | 6.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Hpc Node | 7.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Hpc Node | 6.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Hpc Node | 7.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server | 6.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server | 7.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server | 6.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server | 7.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Workstation | 6.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Workstation | 7.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Workstation | 6.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Workstation | 7.0 | All | All | All |
| Hardware | Siemens | Tim 4r-id Dnp3 | - | All | All | All |
| Operating System | Siemens | Tim 4r-id Dnp3 Firmware | All | All | All | All |
| Hardware | Siemens | Tim 4r-ie | - | All | All | All |
| Operating System | Siemens | Tim 4r-ie Firmware | All | All | All | All |
| Application | Suse | Linux Enterprise Debuginfo | 11 | sp2 | All | All |
| Application | Suse | Linux Enterprise Debuginfo | 11 | sp3 | All | All |
| Application | Suse | Linux Enterprise Debuginfo | 11 | sp2 | All | All |
| Application | Suse | Linux Enterprise Debuginfo | 11 | sp3 | All | All |
| Operating System | Suse | Linux Enterprise Server | 10 | sp4 | All | All |
| Operating System | Suse | Linux Enterprise Server | 11 | sp2 | All | All |
| Operating System | Suse | Linux Enterprise Server | 11 | sp3 | All | All |
| Operating System | Suse | Linux Enterprise Server | 10 | sp4 | All | All |

| | | | | | | |
|------------------|------|-------------------------|-----|-----|-----|-----|
| Operating System | Suse | Linux Enterprise Server | 11 | sp2 | All | All |
| Operating System | Suse | Linux Enterprise Server | 11 | sp3 | All | All |
| Operating System | Suse | Manager | 2.1 | All | All | All |
| Operating System | Suse | Manager | 2.1 | All | All | All |
| Operating System | Suse | Manager Proxy | 2.1 | All | All | All |
| Operating System | Suse | Manager Proxy | 2.1 | All | All | All |
| Operating System | Suse | Openstack Cloud | 5 | All | All | All |
| Operating System | Suse | Openstack Cloud | 5 | All | All | All |

References

| Reference | Source | Link |
|--|---------|---------------------------|
| [SECURITY] Fedora 22 Update: ntp-4.2.6p5-33.fc22 | FEDORA | lists.fec |
| USN-2783-1: NTP vulnerabilities Ubuntu | UBUNTU | www.ul |
| IBM Security Bulletin: Multiple Security Vulnerabilities fixed in IBM Security Privileged Identity Manager - United States | CONFIRM | www-0 |
| IBM notice: The page you requested cannot be displayed | CONFIRM | www-0 |
| Debian -- Security Information -- DSA-3388-1 ntp | DEBIAN | www.de |
| All diffs for ChangeSet 1.2943 | CONFIRM | bk1.ntp |
| aix.software.ibm.com/aix/efixes/security/ntp_advisory4.asc | CONFIRM | aix.soft |
| oss-security - Several low impact ntp.org ntpd issues | MLIST | www.oj |
| Bug 1255118 – CVE-2015-5219 ntp: infinite loop in sntp processing crafted packet | CONFIRM | bugzille |
| Oracle Linux Bulletin - April 2016 | CONFIRM | www.or |
| Security Bulletin: IBM Security Access Manager for Web is affected by vulnerabilities in NTP | CONFIRM | www-0 |
| [Bug 2382] Implement LOGTOD using ldexp() instead of shifting · ntp-project/ntp@5f295cd · GitHub | CONFIRM | github.c |
| Security Bulletin: Vulnerabilities in Ntp affect IBM Security Identity Governance | CONFIRM | www-0 |
| access.redhat.com CVE-2015-5219 | MISC | access |
| [security-announce] SUSE-SU-2016:1311-1: important: Security update for | SUSE | lists.op |
| Security Bulletin: Multiple vulnerabilities in NTP affect IBM Security Network Protection | CONFIRM | www-0 |
| Red Hat Customer Portal | REDHAT | rhn.red |
| Siemens TIM 4R-IE Devices CISA | CONFIRM | us-cert |
| [SECURITY] Fedora 21 Update: ntp-4.2.6p5-34.fc21 | FEDORA | lists.fec |
| IBM Support | CONFIRM | www.ib |
| Red Hat Customer Portal | MISC | access |
| Red Hat Customer Portal - Access to 24x7 support and knowledge | MISC | access |
| NTP CVE-2015-5219 Denial of Service Vulnerability | BID | www.se |
| cert-portal.siemens.com/productcert/pdf/ssa-497656.pdf | CONFIRM | cert-po |
| Red Hat Customer Portal | REDHAT | rhn.red |

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|--|---------|---------------------------|
| [SECURITY] Fedora 23 Update: ntp-4.2.6p5-33.fc23 | FEDORA | lists.fec |
| openSUSE-SU-2016:3280-1: moderate: Security update for ntp | SUSE | lists.op |
| CVE Program record | CVE.ORG | www.cv |
| NVD vulnerability detail | NVD | nvd.nis |

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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