CVE-2019-9515

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Summary

CVE	CVE-2019-9515
State	PUBLIC
Assigner	cert@cert.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-08-13 21:15:00 UTC
Updated	2023-11-07 03:13:00 UTC
Description	Some HTTP/2 implementations are vulnerable to a settings flood, potentially leading to a denial of service. The attacker ser

Risk And Classification

Problem Types: CWE-770

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Traffic Server	All	All	All	All
Application	Apache	Traffic Server	All	All	All	All
Application	Apache	Traffic Server	All	All	All	All
Operating System	Apple	Mac Os X	All	All	All	All
Operating System	Apple	Mac Os X	All	All	All	All
Application	Apple	Swiftnio	All	All	All	All
Operating System	Canonical	Ubuntu Linux	All	All	All	All
Operating System	Canonical	Ubuntu Linux	All	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All

Operating System	Debian	Debian Linux	9.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	All	All	All	All
Application	F5	Big-ip Local Traffic Manager	All	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Application	Mcafee	Web Gateway	All	All	All	All
Application	Mcafee	Web Gateway	All	All	All	All
Application	Nodejs	Node.js	All	All	All	All
Application	Nodejs	Node.js	All	All	All	All
Application	Nodejs	Node.js	All	All	All	All
Application	Nodejs	Node.js	All	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Application	Oracle	Graalvm	19.2.0	All	All	All
Application	Oracle	Graalvm	19.2.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Application	Redhat	Jboss Core Services	1.0	All	All	All
Application	Redhat	Jboss Core Services	1.0	All	All	All
Application	Redhat	Jboss Enterprise Application Platform	7.2.0	All	All	All
Application	Redhat	Jboss Enterprise Application Platform	7.3.0	All	All	All
Application	Redhat	Jboss Enterprise Application Platform	7.2.0	All	All	All
Application	Redhat	Jboss Enterprise Application Platform	7.3.0	All	All	All
Application	Redhat	Openshift Container Platform	4.1	All	All	All
Application	Redhat	Openshift Container Platform	4.1	All	All	All
Application	Redhat	Openshift Service Mesh	1.0	All	All	All
Application	Redhat	Openshift Service Mesh	1.0	All	All	All
Application	Redhat	Openstack	14	All	All	All
Application	Redhat	Openstack	14	All	All	All
Application	Redhat	Quay	3.0.0	All	All	All
Application	Redhat	Quay	3.0.0	All	All	All

Application	Redhat	Single Sign-on	7.3	All	All	All
Application	Redhat	Single Sign-on	7.3	All	All	All
Application	Redhat	Software Collections	1.0	All	All	All
Application	Redhat	Software Collections	1.0	All	All	All
Application	Synology	Diskstation Manager	6.2	All	All	All
Application	Synology	Diskstation Manager	6.2	All	All	All
Application	Synology	Skynas	-	All	All	All
Application	Synology	Skynas	-	All	All	All
Hardware	Synology	Vs960hd	-	All	All	All
Hardware	Synology	Vs960hd	-	All	All	All
Operating System	Synology	Vs960hd Firmware	-	All	All	All
Operating System	Synology	Vs960hd Firmware	-	All	All	All

References

Reference
Red Hat Customer Portal
Pony Mail!
Red Hat Customer Portal
Bugtraq: [SECURITY] [DSA 4520-1] trafficserver security update
Red Hat Customer Portal
[SECURITY] Fedora 29 Update: nodejs-10.16.3-1.fc29 - package-announce - Fedora Mailing-Lists
Red Hat Customer Portal
Red Hat Customer Portal
Red Hat Customer Portal
Full Disclosure: APPLE-SA-2019-08-13-5 SwiftNIO HTTP/2 1.5.0
Pony Mail!
Red Hat Customer Portal
Bugtraq: APPLE-SA-2019-08-13-5 SwiftNIO HTTP/2 1.5.0
Red Hat Customer Portal
myF5
Pony Mail!
Pony Mail!
McAfee Security Bulletin - Updates and product status for HTTP/2 vulnerabilities (CVE-2019-9511, CVE-2019-9512, CVE-2019-9513, CVE-20
Red Hat Customer Portal
Red Hat Customer Portal
USN-4308-1: Twisted vulnerabilities | Ubuntu security notices | Ubuntu

August 2019 Node.js Vulnerabilities in NetApp Products | NetApp Product Security
Synology Inc.
Pony Mail!
Pony Mail!
Red Hat Customer Portal
[security-announce] openSUSE-SU-2019:2115-1: important: Security update
Debian -- Security Information -- DSA-4508-1 h2o
security-bulletins/2019-002.md at master · Netflix/security-bulletins · GitHub
support.f5.com/csp/article/K50233772
Red Hat Customer Portal
[SECURITY] Fedora 29 Update: nodejs-10.16.3-1.fc29 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 30 Update: nodejs-10.16.3-1.fc30 - package-announce - Fedora Mailing-Lists
Red Hat Customer Portal
Debian -- Security Information -- DSA-4520-1 trafficserver
Bugtraq: [SECURITY] [DSA 4508-1] h2o security update
Red Hat Customer Portal
support.f5.com/csp/article/K50233772
[security-announce] openSUSE-SU-2019:2114-1: important: Security update
Red Hat Customer Portal
[SECURITY] Fedora 30 Update: nodejs-10.16.3-1.fc30 - package-announce - Fedora Mailing-Lists
VU#605641 - HTTP/2 implementations do not robustly handle abnormal traffic and resource exhaustion
Red Hat Customer Portal
Red Hat Customer Portal
CVE Program record
NVD vulnerability detail

Vendor Comments And Credit

Discovery Credit

LEGACY: Thanks to Jonathan Looney of Netflix for reporting this vulnerability.

Legacy QID Mappings

296079 Oracle Solaris 11.4 Support Repository Update (SRU) 15.5.0 Missing (CPUOCT2019)

500434 Alpine Linux Security Update for nodejs

500854 Alpine Linux Security Update for containerd

500995 Alpine Linux Security Update for h2o

501367 Alpine Linux Security Update for py3-twisted

504197 Alpine Linux Security Update for nodejs

504636 Alpine Linux Security Update for containerd

690329 Free Berkeley Software Distribution (FreeBSD) Security Update for h2o (73b1e734-c74e-11e9-8052-0028f8d09152)

940051 AlmaLinux Security Update for nodejs:10 (ALSA-2019:2925)