CVE-2016-8610

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Summary

CVE	CVE-2016-8610
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-11-13 22:29:00 UTC
Updated	2024-01-26 17:44:00 UTC
Description	A denial of service flaw was found in OpenSSL 0.9.8, 1.0.1, 1.0.2 through 1.0.2h, and 1.1.0 in the way the TLS/SSL protocc

Risk And Classification

Problem Types: CWE-400

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Hardware	Fujitsu	M10-1	-	All	All	All
Operating System	Fujitsu	M10-1 Firmware	All	All	All	All
Hardware	Fujitsu	M10-4	-	All	All	All
Hardware	Fujitsu	M10-4s	-	All	All	All
Operating System	Fujitsu	M10-4s Firmware	All	All	All	All
Operating System	Fujitsu	M10-4 Firmware	All	All	All	All
Hardware	Fujitsu	M12-1	-	All	All	All
Operating System	Fujitsu	M12-1 Firmware	All	All	All	All
Hardware	Fujitsu	M12-2	-	All	All	All
Hardware	Fujitsu	M12-2s	-	All	All	All
Operating System	Fujitsu	M12-2s Firmware	All	All	All	All
Operating System	Fujitsu	M12-2 Firmware	All	All	All	All
Operating System	Netapp	Clustered Data Ontap	-	All	All	All
Operating System	Netapp	Clustered Data Ontap	-	All	All	All
Application	Netapp	Clustered Data Ontap Antivirus Connector	-	All	All	All

Application	Netapp	Clustered Data Ontap Antivirus Connector	-	All	All	All
Hardware	Netapp	Cn1610	-	All	All	All
Hardware	Netapp	Cn1610	-	All	All	All
Operating System	Netapp	Cn1610 Firmware	-	All	All	All
Operating System	Netapp	Cn1610 Firmware	-	All	All	All
Application	Netapp	Data Ontap	-	All	All	All
Application	Netapp	Data Ontap	-	All	All	All
Application	Netapp	Data Ontap Edge	-	All	All	All
Application	Netapp	Data Ontap Edge	-	All	All	All
Application	Netapp	E-series Santricity Os Controller	All	All	All	All
Application	Netapp	Host Agent	-	All	All	All
Application	Netapp	Host Agent	-	All	All	All
Application	Netapp	Oncommand Balance	-	All	All	All
Application	Netapp	Oncommand Balance	-	All	All	All
Application	Netapp	Oncommand Unified Manager	-	All	All	All
Application	Netapp	Oncommand Unified Manager	-	All	All	All
Application	Netapp	Oncommand Workflow Automation	-	All	All	All
Application	Netapp	Oncommand Workflow Automation	-	All	All	All
Application	Netapp	Ontap Select Deploy	-	All	All	All
Application	Netapp	Ontap Select Deploy	-	All	All	All
Application	Netapp	Service Processor	-	All	All	All
Application	Netapp	Service Processor	-	All	All	All
Application	Netapp	Smi-s Provider	-	All	All	All
Application	Netapp	Smi-s Provider	-	All	All	All
Application	Netapp	Snapcenter Server	-	All	All	All
Application	Netapp	Snapcenter Server	-	All	All	All
Application	Netapp	Snapdrive	-	All	All	All
Application	Netapp	Snapdrive	-	All	All	All
Application	Netapp	Storagegrid	-	All	All	All
Application	Netapp	Storagegrid	-	All	All	All
Application	Netapp	Storagegrid Webscale	-	All	All	All
Application	Netapp	Storagegrid Webscale	-	All	All	All
Application	Openssl	Openssl	0.9.8	All	All	All
Application	Openssl	Openssl	1.0.1	All	All	All
Application	Openssl	Openssl	1.1.0	All	All	All

Application	Openssl	Openssl	0.9.8	All	All	All
Application	Openssl	Openssl	1.0.1	All	All	All
Application	Openssl	Openssl	1.1.0	All	All	All
Application	Openssl	Openssl	All	All	All	All
Application	Oracle	Adaptive Access Manager	11.1.2.3.0	All	All	All
Application	Oracle	Application Testing Suite	13.3.0.1	All	All	All
Application	Oracle	Communications Analytics	12.1.1	All	All	All
Application	Oracle	Communications Ip Service Activator	7.3.4	All	All	All
Application	Oracle	Communications Ip Service Activator	7.4.0	All	All	All
Application	Oracle	Core Rdbms	11.2.0.4	All	All	All
Application	Oracle	Core Rdbms	12.1.0.2	All	All	All
Application	Oracle	Core Rdbms	12.2.0.1	All	All	All
Application	Oracle	Core Rdbms	18c	All	All	All
Application	Oracle	Core Rdbms	19c	All	All	All
Application	Oracle	Enterprise Manager Ops Center	12.3.3	All	All	All
Application	Oracle	Enterprise Manager Ops Center	12.4.0	All	All	All
Application	Oracle	Goldengate Application Adapters	12.3.2.1.0	All	All	All
Application	Oracle	Jd Edwards Enterpriseone Tools	9.2	All	All	All
Application	Oracle	Peoplesoft Enterprise Peopletools	8.56	All	All	All
Application	Oracle	Peoplesoft Enterprise Peopletools	8.57	All	All	All
Application	Oracle	Peoplesoft Enterprise Peopletools	8.58	All	All	All
Application	Oracle	Retail Predictive Application Server	15.0.3	All	All	All
Application	Oracle	Retail Predictive Application Server	16.0.3	All	All	All
Application	Oracle	Timesten In-memory Database	All	All	All	All
Application	Oracle	Weblogic Server	10.3.6.0.0	All	All	All
Application	Oracle	Weblogic Server	12.1.3.0.0	All	All	All
Application	Oracle	Weblogic Server	12.2.1.3.0	All	All	All
Application	Oracle	Weblogic Server	12.2.1.4.0	All	All	All
Operating System	Paloaltonetworks	Pan-os	All	All	All	All
Operating System	Paloaltonetworks	Pan-os	All	All	All	All
Operating System	Paloaltonetworks	Pan-os	All	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	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 Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	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 Server Aus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	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
Application	Redhat	Jboss Enterprise Application Platform	6.0.0	All	All	All
Application	Redhat	Jboss Enterprise Application Platform	6.4.0	All	All	All
Application	Redhat	Jboss Enterprise Application Platform	6.0.0	All	All	All
Application	Redhat	Jboss Enterprise Application Platform	6.4.0	All	All	All

References

Reference
OpenSSL CVE-2016-8610 Denial of Service Vulnerability
Red Hat Customer Portal
Red Hat Customer Portal
Document Display | HPE Support Center
Oracle Critical Patch Update Advisory - July 2020
CVE-2016-8610: SSL-Death-Alert
Red Hat Customer Portal
Oracle Critical Patch Update Advisory - October 2020
git.openssl.org Git - openssl.git/commit
FreeBSD-SA-16:35
Red Hat Customer Portal
Debian -- Security Information -- DSA-3773-1 openssl
Red Hat Customer Portal
Red Hat Customer Portal
Bug 1384743 – CVE-2016-8610 SSL/TLS: Malformed plain-text ALERT packets could cause remote DoS
Oracle Critical Patch Update - July 2019
git.openssl.org Git - openssl.git/commit
Red Hat Customer Portal
CVE-2016-8610 OpenSSL Vulnerability in NetApp Products | NetApp Product Security
oss-sec: CVE-2016-8610: SSL Death Alert: OpenSSL SSL/TLS SSL3_AL_WARNING undefined alert Remote DoS
Red Hat Customer Portal
Red Hat Customer Portal
OpenSSL SSL3_AL_WARNING Alert Processing Flaw Lets Remote Users Consume Excessive CPU Resources on the Target System - Secu
Red Hat Customer Portal
Oracle Critical Patch Update - October 2019
Oracle Critical Patch Update Advisory - January 2020
Oracle Critical Patch Update Advisory - April 2020
CVE-2016-8610 OpenSSL Vulnerability
Red Hat Customer Portal
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy OID Mappings

Legacy QID Mappings

378210 Virtuozzo Linux Security Update for openssl-perl (VZLSA-2017:0286)
390226 Oracle Managed Virtualization (VM) Server for x86 Security Update for Open Secure Sockets Layer (OpenSSL) (OVMSA-2021-0011)
390284 Oracle Managed Virtualization (VM) Server for x86 Security Update for Open Secure Sockets Layer (OpenSSL) (OVMSA-2023-0013)
43834 Hewlett Packard Enterprise (HPE) Comware Switches And Routers Using Open Secure Sockets Layer (OpenSSL) and Intelligent Management Center Platform (iMC PLAT) Remote Denial Of Service (DoS) (HPESBHF03897)