



CVE-2011-4576

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

Summary

CVE	CVE-2011-4576
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-01-06 01:55:00 UTC
Updated	2016-08-23 02:04:00 UTC
Description	The SSL 3.0 implementation in OpenSSL before 0.9.8s and 1.x before 1.0.0f does not properly initialize data structures for

Risk And Classification

Problem Types: CWE-310

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Openssl	Openssl	0.9.1c	All	All	All
Application	Openssl	Openssl	0.9.2b	All	All	All
Application	Openssl	Openssl	0.9.4	All	All	All
Application	Openssl	Openssl	0.9.5	All	All	All
Application	Openssl	Openssl	0.9.5a	All	All	All
Application	Openssl	Openssl	0.9.6	All	All	All
Application	Openssl	Openssl	0.9.6a	All	All	All
Application	Openssl	Openssl	0.9.6b	All	All	All
Application	Openssl	Openssl	0.9.6c	All	All	All
Application	Openssl	Openssl	0.9.6d	All	All	All
Application	Openssl	Openssl	0.9.6e	All	All	All
Application	Openssl	Openssl	0.9.6f	All	All	All
Application	Openssl	Openssl	0.9.6g	All	All	All
Application	Openssl	Openssl	0.9.6h	All	All	All
Application	Openssl	Openssl	0.9.6h	bogus	All	All
Application	Openssl	Openssl	0.9.6i	All	All	All
Application	Openssl	Openssl	0.9.6j	All	All	All

Application	Openssl	Openssl	0.9.6k	All	All	All
Application	Openssl	Openssl	0.9.6l	All	All	All
Application	Openssl	Openssl	0.9.6m	All	All	All
Application	Openssl	Openssl	0.9.7	All	All	All
Application	Openssl	Openssl	0.9.7a	All	All	All
Application	Openssl	Openssl	0.9.7b	All	All	All
Application	Openssl	Openssl	0.9.7c	All	All	All
Application	Openssl	Openssl	0.9.7d	All	All	All
Application	Openssl	Openssl	0.9.7e	All	All	All
Application	Openssl	Openssl	0.9.7f	All	All	All
Application	Openssl	Openssl	0.9.7g	All	All	All
Application	Openssl	Openssl	0.9.7h	All	All	All
Application	Openssl	Openssl	0.9.7i	All	All	All
Application	Openssl	Openssl	0.9.7j	All	All	All
Application	Openssl	Openssl	0.9.7k	All	All	All
Application	Openssl	Openssl	0.9.7l	All	All	All
Application	Openssl	Openssl	0.9.7m	All	All	All
Application	Openssl	Openssl	0.9.8	All	All	All
Application	Openssl	Openssl	0.9.8a	All	All	All
Application	Openssl	Openssl	0.9.8b	All	All	All
Application	Openssl	Openssl	0.9.8c	All	All	All
Application	Openssl	Openssl	0.9.8d	All	All	All
Application	Openssl	Openssl	0.9.8e	All	All	All
Application	Openssl	Openssl	0.9.8f	All	All	All
Application	Openssl	Openssl	0.9.8g	All	All	All
Application	Openssl	Openssl	0.9.8h	All	All	All
Application	Openssl	Openssl	0.9.8i	All	All	All
Application	Openssl	Openssl	0.9.8j	All	All	All
Application	Openssl	Openssl	0.9.8k	All	All	All
Application	Openssl	Openssl	0.9.8l	All	All	All
Application	Openssl	Openssl	0.9.8m	All	All	All
Application	Openssl	Openssl	0.9.8n	All	All	All
Application	Openssl	Openssl	0.9.8o	All	All	All
Application	Openssl	Openssl	0.9.8p	All	All	All
Application	Openssl	Openssl	0.9.8q	All	All	All

Application	Openssl	Openssl	1.0.0	All	All	All
Application	Openssl	Openssl	1.0.0	beta1	All	All
Application	Openssl	Openssl	1.0.0	beta2	All	All
Application	Openssl	Openssl	1.0.0	beta3	All	All
Application	Openssl	Openssl	1.0.0	beta4	All	All
Application	Openssl	Openssl	1.0.0	beta5	All	All
Application	Openssl	Openssl	1.0.0a	All	All	All
Application	Openssl	Openssl	1.0.0b	All	All	All
Application	Openssl	Openssl	1.0.0c	All	All	All
Application	Openssl	Openssl	1.0.0d	All	All	All
Application	Openssl	Openssl	All	All	All	All
Application	Openssl	Openssl	0.9.1c	All	All	All
Application	Openssl	Openssl	0.9.2b	All	All	All
Application	Openssl	Openssl	0.9.4	All	All	All
Application	Openssl	Openssl	0.9.5	All	All	All
Application	Openssl	Openssl	0.9.5a	All	All	All
Application	Openssl	Openssl	0.9.6	All	All	All
Application	Openssl	Openssl	0.9.6a	All	All	All
Application	Openssl	Openssl	0.9.6b	All	All	All
Application	Openssl	Openssl	0.9.6c	All	All	All
Application	Openssl	Openssl	0.9.6d	All	All	All
Application	Openssl	Openssl	0.9.6e	All	All	All
Application	Openssl	Openssl	0.9.6f	All	All	All
Application	Openssl	Openssl	0.9.6g	All	All	All
Application	Openssl	Openssl	0.9.6h	All	All	All
Application	Openssl	Openssl	0.9.6h	bogus	All	All
Application	Openssl	Openssl	0.9.6i	All	All	All
Application	Openssl	Openssl	0.9.6j	All	All	All
Application	Openssl	Openssl	0.9.6k	All	All	All
Application	Openssl	Openssl	0.9.6l	All	All	All
Application	Openssl	Openssl	0.9.6m	All	All	All
Application	Openssl	Openssl	0.9.7	All	All	All
Application	Openssl	Openssl	0.9.7a	All	All	All
Application	Openssl	Openssl	0.9.7b	All	All	All
Application	Openssl	Openssl	0.9.7c	All	All	All

Application	Openssl	Openssl	0.9.7d	All	All	All
Application	Openssl	Openssl	0.9.7e	All	All	All
Application	Openssl	Openssl	0.9.7f	All	All	All
Application	Openssl	Openssl	0.9.7g	All	All	All
Application	Openssl	Openssl	0.9.7h	All	All	All
Application	Openssl	Openssl	0.9.7i	All	All	All
Application	Openssl	Openssl	0.9.7j	All	All	All
Application	Openssl	Openssl	0.9.7k	All	All	All
Application	Openssl	Openssl	0.9.7l	All	All	All
Application	Openssl	Openssl	0.9.7m	All	All	All
Application	Openssl	Openssl	0.9.8	All	All	All
Application	Openssl	Openssl	0.9.8a	All	All	All
Application	Openssl	Openssl	0.9.8b	All	All	All
Application	Openssl	Openssl	0.9.8c	All	All	All
Application	Openssl	Openssl	0.9.8d	All	All	All
Application	Openssl	Openssl	0.9.8e	All	All	All
Application	Openssl	Openssl	0.9.8f	All	All	All
Application	Openssl	Openssl	0.9.8g	All	All	All
Application	Openssl	Openssl	0.9.8h	All	All	All
Application	Openssl	Openssl	0.9.8i	All	All	All
Application	Openssl	Openssl	0.9.8j	All	All	All
Application	Openssl	Openssl	0.9.8k	All	All	All
Application	Openssl	Openssl	0.9.8l	All	All	All
Application	Openssl	Openssl	0.9.8m	All	All	All
Application	Openssl	Openssl	0.9.8n	All	All	All
Application	Openssl	Openssl	0.9.8o	All	All	All
Application	Openssl	Openssl	0.9.8p	All	All	All
Application	Openssl	Openssl	0.9.8q	All	All	All
Application	Openssl	Openssl	1.0.0	All	All	All
Application	Openssl	Openssl	1.0.0	beta1	All	All
Application	Openssl	Openssl	1.0.0	beta2	All	All
Application	Openssl	Openssl	1.0.0	beta3	All	All
Application	Openssl	Openssl	1.0.0	beta4	All	All
Application	Openssl	Openssl	1.0.0	beta5	All	All
Application	Openssl	Openssl	1.0.0a	All	All	All
Application	Openssl	Openssl	1.0.0b	All	All	All

Application	Openssl	Openssl	1.0.0c	All	All	All
Application	Openssl	Openssl	1.0.0d	All	All	All
Application	Openssl	Openssl	All	All	All	All

References

Reference
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Security Advisory SA57353 - IBM Storage System DS8870 OpenSSL Multiple Vulnerabilities - Secunia
[security-announce] SUSE-SU-2012:0084-1: important: Security update for
Red Hat Customer Portal
IBM Security Bulletin: Storage HMC OpenSSL upgrade to address cryptographic vulnerabilities. - United States
Red Hat Customer Portal
'[security bulletin] HPSBUX02734 SSRT100729 rev.1 - HP-UX Running OpenSSL, Remote Denial of Service (' - MARC
[SECURITY] Fedora 18 Update: mingw-openssl-1.0.1c-1.fc18
aix.software.ibm.com/aix/efixes/security/openssl_advisory3.asc
[security-announce] openSUSE-SU-2012:0083-1: important: openssl: fixing
Security Alerts - Secunia
Security Advisory SA55069 - IBM Sterling Connect:Direct OpenSSL Block Cipher Padding Vulnerability - Secunia
Debian -- Security Information -- DSA-2390-1 openssl
APPLE-SA-2013-06-04-1 OS X Mountain Lion v10.8.4 and Security Update 2013-002
Red Hat Customer Portal
'[security bulletin] HPSBMU02776 SSRT100852 rev.1 - HP Onboard Administrator (OA), Remote Unauthorized' - MARC
Support / Security / Advisories // MDVSA-2012:006 Mandriva
Support / Security / Advisories // MDVSA-2012:007 Mandriva
About the security content of OS X Mountain Lion v10.8.4 and Security Update 2013-002
Vulnerability Note VU#737740 - Fiery Network Controllers for Xerox DocuColor 242/252/260 Printer/Copier use a vulnerable version of OpenS
www.openssl.org/news/secadv_20120104.txt
'[security bulletin] HPSBOV02793 SSRT100891 rev.1 - HP OpenVMS running SSL, Remote Denial of Service' - MARC
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

390226 Oracle Managed Virtualization (VM) Server for x86 Security Update for Open Secure Sockets Layer (OpenSSL) (OVMSA-2021-0011)
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[390284](#) Oracle Managed Virtualization (VM) Server for x86 Security Update for Open Secure Sockets Layer (OpenSSL) (OVMSA-2023-0013)

[591350](#) General Electric D20MX Open Secure Sockets Layer (OpenSSL) Multiple Vulnerabilities (PRSN-0006)

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