



# CVE-2012-2333

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

## Summary

<b>CVE</b>	CVE-2012-2333
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2012-05-14 22:55:00 UTC
<b>Updated</b>	2018-01-05 02:29:00 UTC
<b>Description</b>	Integer underflow in OpenSSL before 0.9.8x, 1.0.0 before 1.0.0j, and 1.0.1 before 1.0.1c, when TLS 1.1, TLS 1.2, or DTLS

## Risk And Classification

**Problem Types:** CWE-189

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.1c	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.2b	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.3	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.3a	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.4	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.5	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.5	beta1	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.5	beta2	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.5a	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.5a	beta1	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.5a	beta2	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.6	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.6	beta1	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.6	beta2	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.6	beta3	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.6a	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.6a	beta1	All	All

Application	Openssl	Openssl	0.9.6a	beta2	All	All
Application	Openssl	Openssl	0.9.6a	beta3	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	0.9.6i	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	0.9.7	beta1	All	All
Application	Openssl	Openssl	0.9.7	beta2	All	All
Application	Openssl	Openssl	0.9.7	beta3	All	All
Application	Openssl	Openssl	0.9.7	beta4	All	All
Application	Openssl	Openssl	0.9.7	beta5	All	All
Application	Openssl	Openssl	0.9.7	beta6	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	0.9.8m	beta1	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	0.9.8r	All	All	All
Application	Openssl	Openssl	0.9.8s	All	All	All
Application	Openssl	Openssl	0.9.8t	All	All	All
Application	Openssl	Openssl	0.9.8u	All	All	All
Application	Openssl	Openssl	0.9.8v	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	1.0.0e	All	All	All
Application	Openssl	Openssl	1.0.0f	All	All	All

Application	Openssl	Openssl	1.0.0g	All	All	All
Application	Openssl	Openssl	1.0.0h	All	All	All
Application	Openssl	Openssl	1.0.1	All	All	All
Application	Openssl	Openssl	1.0.1	beta1	All	All
Application	Openssl	Openssl	1.0.1	beta2	All	All
Application	Openssl	Openssl	1.0.1	beta3	All	All
Application	Openssl	Openssl	1.0.1a	All	All	All
Application	Openssl	Openssl	1.0.1b	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	0.9.3	All	All	All
Application	Openssl	Openssl	0.9.3a	All	All	All
Application	Openssl	Openssl	0.9.4	All	All	All
Application	Openssl	Openssl	0.9.5	All	All	All
Application	Openssl	Openssl	0.9.5	beta1	All	All
Application	Openssl	Openssl	0.9.5	beta2	All	All
Application	Openssl	Openssl	0.9.5a	All	All	All
Application	Openssl	Openssl	0.9.5a	beta1	All	All
Application	Openssl	Openssl	0.9.5a	beta2	All	All
Application	Openssl	Openssl	0.9.6	All	All	All
Application	Openssl	Openssl	0.9.6	beta1	All	All
Application	Openssl	Openssl	0.9.6	beta2	All	All
Application	Openssl	Openssl	0.9.6	beta3	All	All
Application	Openssl	Openssl	0.9.6a	All	All	All
Application	Openssl	Openssl	0.9.6a	beta1	All	All
Application	Openssl	Openssl	0.9.6a	beta2	All	All
Application	Openssl	Openssl	0.9.6a	beta3	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	0.9.6i	All	All	All

Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.6j	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.6k	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.6l	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.6m	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7	beta1	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7	beta2	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7	beta3	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7	beta4	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7	beta5	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7	beta6	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7a	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7b	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7c	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7d	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7e	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7f	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7g	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7h	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7i	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7j	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7k	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7l	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.7m	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.8	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.8a	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.8b	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.8c	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.8d	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.8e	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.8f	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.8g	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.8h	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	0.9.8i	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	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	0.9.8m	beta1	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	0.9.8r	All	All	All
Application	Openssl	Openssl	0.9.8s	All	All	All
Application	Openssl	Openssl	0.9.8t	All	All	All
Application	Openssl	Openssl	0.9.8u	All	All	All
Application	Openssl	Openssl	0.9.8v	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	1.0.0e	All	All	All
Application	Openssl	Openssl	1.0.0f	All	All	All
Application	Openssl	Openssl	1.0.0g	All	All	All
Application	Openssl	Openssl	1.0.0h	All	All	All
Application	Openssl	Openssl	1.0.1	All	All	All
Application	Openssl	Openssl	1.0.1	beta1	All	All
Application	Openssl	Openssl	1.0.1	beta2	All	All
Application	Openssl	Openssl	1.0.1	beta3	All	All
Application	Openssl	Openssl	1.0.1a	All	All	All
Application	Openssl	Openssl	1.0.1b	All	All	All
Application	Redhat	Openssl	0.9.6-15	All	All	All
Application	Redhat	Openssl	0.9.6b-3	All	All	All
Application	Redhat	Openssl	0.9.7a-2	All	All	All

Application	<a href="#">Redhat</a>	<a href="#">Openssl</a>	0.9.7a-2	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openssl</a>	0.9.6-15	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openssl</a>	0.9.6b-3	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openssl</a>	0.9.7a-2	All	All	All

## References

### Reference

[Red Hat Customer Portal](#)

[Red Hat Customer Portal](#)

[security-announce] SUSE-SU-2012:0678-1: important: Security update for

[SECURITY] Fedora 18 Update: mingw-openssl-1.0.1c-1.fc18

[SECURITY] Fedora 17 Update: openssl-1.0.0j-1.fc17

[www.mandriva.com](#)

[www.openssl.org/news/secadv\\_20120510.txt](#)

'[security bulletin] HPSBUX02814 SSRT100930 rev.1 - HP-UX Running OpenSSL, Remote Denial of Service (' - MARC

[cvs.openssl.org/chngview](#)

[CERT-FI - CERT-FI Advisory on OpenSSL](#)

[Red Hat Customer Portal](#)

[Security Alerts - Secunia](#)

[Security Advisory SA50768 - HP-UX update for OpenSSL - Secunia](#)

[security-announce] SUSE-SU-2012:0679-1: important: Security update for

[APPLE-SA-2013-06-04-1 OS X Mountain Lion v10.8.4 and Security Update 2013-002](#)

[Red Hat Customer Portal](#)

[Security Alerts - Secunia](#)

'[security bulletin] HPSBOV02852 SSRT101108 rev.1 - HP SSL for OpenVMS, Remote Denial of Service (DoS' - MARC

[Security Advisory SA51312 - IBM Tivoli Management Framework OpenSSL Denial of Service Vulnerability - Secunia](#)

[cvs.openssl.org/chngview](#)

[Security Alerts - Secunia](#)

[About the security content of OS X Mountain Lion v10.8.4 and Security Update 2013-002](#)

[IBM X-Force Exchange](#)

[OpenSSL DTLS CVE-2012-2333 Remote Denial of Service Vulnerability](#)

[Debian -- Security Information -- DSA-2475-1 openssl](#)

[Vulnerability Note VU#737740 - Fiery Network Controllers for Xerox DocuColor 242/252/260 Printer/Copier use a vulnerable version of OpenS](#)

[OpenSSL Invalid TLS/DTLS Record Processing Lets Remote Users Deny Service - SecurityTracker](#)

[Bug 820686 – CVE-2012-2333 openssl: record length handling integer underflow](#)

[CVE Program record](#)

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)

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

[591311](#) Bosch Rexroth PRA-ES8P2S Ethernet-Switch Multiple Vulnerabilities (BOSCH-SA-247053-BT)

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

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