



# CVE-2016-0799

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

## Summary

<b>CVE</b>	CVE-2016-0799
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2016-03-03 20:59:00 UTC
<b>Updated</b>	2023-11-07 02:29:00 UTC
<b>Description</b>	The fmtstr function in crypto/bio/b_print.c in OpenSSL 1.0.1 before 1.0.1s and 1.0.2 before 1.0.2g improperly calculates stri

## Risk And Classification

**Problem Types:** CWE-119

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1	beta1	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1	beta2	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1	beta3	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1a	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1b	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1c	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1d	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1e	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1f	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1g	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1h	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1i	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1j	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1k	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1l	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1m	All	All	All

Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1n	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1o	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1p	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1q	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1r	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2	beta1	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2	beta2	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2	beta3	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2a	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2b	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2c	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2d	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2e	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2f	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1	beta1	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1	beta2	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1	beta3	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1a	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1b	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1c	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1d	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1e	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1f	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1g	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1h	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1i	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1j	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1k	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1l	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1m	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1n	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1o	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1p	All	All	All

Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1q	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.1r	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2	beta1	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2	beta2	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2	beta3	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2a	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2b	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2c	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2d	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2e	All	All	All
Application	<a href="#">Openssl</a>	<a href="#">Openssl</a>	1.0.2f	All	All	All
Application	<a href="#">Pulsesecure</a>	<a href="#">Client</a>	-	All	All	All
Application	<a href="#">Pulsesecure</a>	<a href="#">Client</a>	-	All	All	All
Application	<a href="#">Pulsesecure</a>	<a href="#">Client</a>	-	All	All	All
Application	<a href="#">Pulsesecure</a>	<a href="#">Client</a>	-	All	All	All
Application	<a href="#">Pulsesecure</a>	<a href="#">Steel Belted Radius</a>	-	All	All	All
Application	<a href="#">Pulsesecure</a>	<a href="#">Steel Belted Radius</a>	-	All	All	All

## References

Reference	Source	Link
Oracle Solaris Bulletin - April 2016	CONFIRM	<a href="#">www.</a>
Oracle Critical Patch Update Advisory - April 2016	CONFIRM	<a href="#">www.</a>
[security-announce] openSUSE-SU-2016:0637-1: important: Security update	SUSE	<a href="#">lists.o</a>
[security-announce] SUSE-SU-2016:0617-1: important: Security update for	SUSE	<a href="#">lists.o</a>
Oracle Critical Patch Update - July 2016	CONFIRM	<a href="#">www.</a>
[security-announce] openSUSE-SU-2016:0720-1: important: Security update	SUSE	<a href="#">lists.o</a>
HPE Support document - HPE Support Center	CONFIRM	<a href="#">h2056</a>
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[security-announce] SUSE-SU-2016:0624-1: important: Security update for	SUSE	<a href="#">lists.o</a>
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Oracle July 2016 Critical Patch Update Multiple Vulnerabilities	BID	<a href="#">www.</a>
OpenSSL Flaws Let Remote Users Deny Service and Decrypt TLS Sessions in Certain Cases - SecurityTracker	SECTRACK	<a href="#">www.</a>
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HPE Support document - HPE Support Center	CONFIRM	<a href="#">h2056</a>
<a href="#">www.openssl.org/news/secadv/20160301.txt</a>	CONFIRM	<a href="#">www.</a>

git.openssl.org Git - openssl.git/commit		<a href="#">git.op</a>
Oracle Linux Bulletin - July 2016	CONFIRM	<a href="#">www.</a>
Document Display   HPE Support Center	CONFIRM	<a href="#">h2056</a>
[security-announce] SUSE-SU-2016:1057-1: important: Security update for	SUSE	<a href="#">lists.o</a>
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Multiple Vulnerabilities in OpenSSL Affecting Cisco Products: March 2016	CISCO	<a href="#">tools.</a>
[security-announce] openSUSE-SU-2016:0638-1: important: Security update	SUSE	<a href="#">lists.o</a>
[security-announce] SUSE-SU-2016:0678-1: important: Security update for	SUSE	<a href="#">lists.o</a>
[security bulletin] HPSBMU03575 rev.1 - HP Smart Update Manager (SUM), Remote Denial of Service (DoS) - MARC	HP	<a href="#">marc.</a>
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[security-announce] openSUSE-SU-2016:0628-1: important: Security update	SUSE	<a href="#">lists.o</a>
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[security-announce] openSUSE-SU-2016:1241-1: important: Security update	SUSE	<a href="#">lists.o</a>
Oracle VM Server for x86 Bulletin - July 2016	CONFIRM	<a href="#">www.</a>
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[security-announce] SUSE-SU-2016:0641-1: important: Security update for	SUSE	<a href="#">lists.o</a>
Red Hat Customer Portal	REDHAT	<a href="#">rhn.re</a>
cert-portal.siemens.com/productcert/pdf/ssa-412672.pdf	CONFIRM	<a href="#">cert-p</a>
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FreeBSD-SA-16:12	FREEBSD	<a href="#">secur</a>
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Debian -- Security Information -- DSA-3500-1 openssl	DEBIAN	<a href="#">www.</a>
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USN-2914-1: OpenSSL vulnerabilities   Ubuntu	UBUNTU	<a href="#">www.</a>
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OpenSSL CVE-2016-0799 Remote Format String Vulnerability	BID	<a href="#">www.</a>
git.openssl.org Git - openssl.git/commit	CONFIRM	<a href="#">git.op</a>
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[SECURITY] Fedora 22 Update: openssl-1.0.1k-14.fc22	FEDORA	<a href="#">lists.f</a>
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[SECURITY] Fedora 23 Update: openssl-1.0.2g-2.fc23	FEDORA	<a href="#">lists.f</a>
Oracle Solaris Bulletin - January 2016	CONFIRM	<a href="#">www.</a>
CVE Program record	CVE.ORG	<a href="#">www.</a>
NVD vulnerability detail	NVD	<a href="#">nvd.n</a>

No vendor comments have been submitted for this CVE.

#### Legacy QID Mappings

- [375442](#) HPE System Management Homepage Multiple Vulnerabilities (HPESBMU03593)
- [378509](#) Splunk Enterprise Multiple Vulnerabilities (SP-CAAAPKV)
- [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)
- [590948](#) Advantech Spectre RT Industrial Routers Multiple Vulnerabilities (ICSA-21-054-03)
- [591280](#) Siemens SCALANCE X-200RNA Switch Devices Denial of Service (DoS) Multiple Vulnerabilities (ICSA-22-349-21, SSA-412672)
- [591311](#) Bosch Rexroth PRA-ES8P2S Ethernet-Switch Multiple Vulnerabilities (BOSCH-SA-247053-BT)

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