



CVE-2014-0016

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Summary

CVE	CVE-2014-0016
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-03-24 16:31:00 UTC
Updated	2017-01-26 20:00:00 UTC
Description	stunnel before 5.00, when using fork threading, does not properly update the state of the OpenSSL pseudo-random number

Risk And Classification

Problem Types: CWE-332

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Stunnel	Stunnel	0.1	All	All	All
Application	Stunnel	Stunnel	1.0	All	All	All
Application	Stunnel	Stunnel	1.1	All	All	All
Application	Stunnel	Stunnel	1.2	All	All	All
Application	Stunnel	Stunnel	1.3	All	All	All
Application	Stunnel	Stunnel	1.4	All	All	All
Application	Stunnel	Stunnel	1.5	All	All	All
Application	Stunnel	Stunnel	1.6	All	All	All
Application	Stunnel	Stunnel	2.0	All	All	All
Application	Stunnel	Stunnel	2.1	All	All	All
Application	Stunnel	Stunnel	3.0	All	All	All
Application	Stunnel	Stunnel	3.0	b1	All	All
Application	Stunnel	Stunnel	3.0	b2	All	All
Application	Stunnel	Stunnel	3.0	b3	All	All
Application	Stunnel	Stunnel	3.0	b4	All	All
Application	Stunnel	Stunnel	3.0	b5	All	All
Application	Stunnel	Stunnel	3.0	b6	All	All

Application	Stunnel	Stunnel	3.0	b7	All	All
Application	Stunnel	Stunnel	3.1	All	All	All
Application	Stunnel	Stunnel	3.10	All	All	All
Application	Stunnel	Stunnel	3.11	All	All	All
Application	Stunnel	Stunnel	3.12	All	All	All
Application	Stunnel	Stunnel	3.13	All	All	All
Application	Stunnel	Stunnel	3.14	All	All	All
Application	Stunnel	Stunnel	3.15	All	All	All
Application	Stunnel	Stunnel	3.16	All	All	All
Application	Stunnel	Stunnel	3.17	All	All	All
Application	Stunnel	Stunnel	3.18	All	All	All
Application	Stunnel	Stunnel	3.19	All	All	All
Application	Stunnel	Stunnel	3.2	All	All	All
Application	Stunnel	Stunnel	3.20	All	All	All
Application	Stunnel	Stunnel	3.21	All	All	All
Application	Stunnel	Stunnel	3.21a	All	All	All
Application	Stunnel	Stunnel	3.21b	All	All	All
Application	Stunnel	Stunnel	3.21c	All	All	All
Application	Stunnel	Stunnel	3.22	All	All	All
Application	Stunnel	Stunnel	3.23	All	All	All
Application	Stunnel	Stunnel	3.24	All	All	All
Application	Stunnel	Stunnel	3.25	All	All	All
Application	Stunnel	Stunnel	3.26	All	All	All
Application	Stunnel	Stunnel	3.3	All	All	All
Application	Stunnel	Stunnel	3.4a	All	All	All
Application	Stunnel	Stunnel	3.5	All	All	All
Application	Stunnel	Stunnel	3.6	All	All	All
Application	Stunnel	Stunnel	3.7	All	All	All
Application	Stunnel	Stunnel	3.8	All	All	All
Application	Stunnel	Stunnel	3.8	p1	All	All
Application	Stunnel	Stunnel	3.8	p2	All	All
Application	Stunnel	Stunnel	3.8	p3	All	All
Application	Stunnel	Stunnel	3.8	p4	All	All
Application	Stunnel	Stunnel	3.8p1	All	All	All
Application	Stunnel	Stunnel	3.8p2	All	All	All

Application	Stunnel	Stunnel	3.8p3	All	All	All
Application	Stunnel	Stunnel	3.8p4	All	All	All
Application	Stunnel	Stunnel	3.9	All	All	All
Application	Stunnel	Stunnel	4.0	All	All	All
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Application	Stunnel	Stunnel	4.01	All	All	All
Application	Stunnel	Stunnel	4.02	All	All	All
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Application	Stunnel	Stunnel	4.04	All	All	All
Application	Stunnel	Stunnel	4.05	All	All	All
Application	Stunnel	Stunnel	4.06	All	All	All
Application	Stunnel	Stunnel	4.07	All	All	All
Application	Stunnel	Stunnel	4.08	All	All	All
Application	Stunnel	Stunnel	4.09	All	All	All
Application	Stunnel	Stunnel	4.10	All	All	All
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Application	Stunnel	Stunnel	4.17	All	All	All
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Application	Stunnel	Stunnel	4.19	All	All	All
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Application	Stunnel	Stunnel	4.30	All	All	All
Application	Stunnel	Stunnel	4.31	All	All	All

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Application	Stunnel	Stunnel	4.41	All	All	All
Application	Stunnel	Stunnel	4.42	All	All	All
Application	Stunnel	Stunnel	4.43	All	All	All
Application	Stunnel	Stunnel	4.44	All	All	All
Application	Stunnel	Stunnel	4.45	All	All	All
Application	Stunnel	Stunnel	4.46	All	All	All
Application	Stunnel	Stunnel	4.47	All	All	All
Application	Stunnel	Stunnel	4.48	All	All	All
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Application	Stunnel	Stunnel	4.50	All	All	All
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Application	Stunnel	Stunnel	4.52	All	All	All
Application	Stunnel	Stunnel	4.53	All	All	All
Application	Stunnel	Stunnel	4.54	All	All	All
Application	Stunnel	Stunnel	4.55	All	All	All
Application	Stunnel	Stunnel	0.1	All	All	All
Application	Stunnel	Stunnel	1.0	All	All	All
Application	Stunnel	Stunnel	1.1	All	All	All
Application	Stunnel	Stunnel	1.2	All	All	All
Application	Stunnel	Stunnel	1.3	All	All	All
Application	Stunnel	Stunnel	1.4	All	All	All
Application	Stunnel	Stunnel	1.5	All	All	All
Application	Stunnel	Stunnel	1.6	All	All	All
Application	Stunnel	Stunnel	2.0	All	All	All
Application	Stunnel	Stunnel	2.1	All	All	All
Application	Stunnel	Stunnel	3.0	All	All	All

Application	Stunnel	Stunnel	3.0	b1	All	All
Application	Stunnel	Stunnel	3.0	b2	All	All
Application	Stunnel	Stunnel	3.0	b3	All	All
Application	Stunnel	Stunnel	3.0	b4	All	All
Application	Stunnel	Stunnel	3.0	b5	All	All
Application	Stunnel	Stunnel	3.0	b6	All	All
Application	Stunnel	Stunnel	3.0	b7	All	All
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Application	Stunnel	Stunnel	3.16	All	All	All
Application	Stunnel	Stunnel	3.17	All	All	All
Application	Stunnel	Stunnel	3.18	All	All	All
Application	Stunnel	Stunnel	3.19	All	All	All
Application	Stunnel	Stunnel	3.2	All	All	All
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Application	Stunnel	Stunnel	3.21b	All	All	All
Application	Stunnel	Stunnel	3.21c	All	All	All
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Application	Stunnel	Stunnel	3.24	All	All	All
Application	Stunnel	Stunnel	3.25	All	All	All
Application	Stunnel	Stunnel	3.26	All	All	All
Application	Stunnel	Stunnel	3.3	All	All	All
Application	Stunnel	Stunnel	3.4a	All	All	All
Application	Stunnel	Stunnel	3.5	All	All	All
Application	Stunnel	Stunnel	3.6	All	All	All
Application	Stunnel	Stunnel	3.7	All	All	All
Application	Stunnel	Stunnel	3.8	All	All	All

Application	Stunnel	Stunnel	3.8	p1	All	All
Application	Stunnel	Stunnel	3.8	p2	All	All
Application	Stunnel	Stunnel	3.8	p3	All	All
Application	Stunnel	Stunnel	3.8	p4	All	All
Application	Stunnel	Stunnel	3.8p1	All	All	All
Application	Stunnel	Stunnel	3.8p2	All	All	All
Application	Stunnel	Stunnel	3.8p3	All	All	All
Application	Stunnel	Stunnel	3.8p4	All	All	All
Application	Stunnel	Stunnel	3.9	All	All	All
Application	Stunnel	Stunnel	4.0	All	All	All
Application	Stunnel	Stunnel	4.00	All	All	All
Application	Stunnel	Stunnel	4.01	All	All	All
Application	Stunnel	Stunnel	4.02	All	All	All
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Application	Stunnel	Stunnel	4.04	All	All	All
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Application	Stunnel	Stunnel	4.06	All	All	All
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Application	Stunnel	Stunnel	4.10	All	All	All
Application	Stunnel	Stunnel	4.11	All	All	All
Application	Stunnel	Stunnel	4.12	All	All	All
Application	Stunnel	Stunnel	4.13	All	All	All
Application	Stunnel	Stunnel	4.14	All	All	All
Application	Stunnel	Stunnel	4.15	All	All	All
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Application	Stunnel	Stunnel	4.17	All	All	All
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Application	Stunnel	Stunnel	4.22	All	All	All
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Application	Stunnel	Stunnel	4.24	All	All	All
Application	Stunnel	Stunnel	4.25	All	All	All

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Application	Stunnel	Stunnel	4.41	All	All	All
Application	Stunnel	Stunnel	4.42	All	All	All
Application	Stunnel	Stunnel	4.43	All	All	All
Application	Stunnel	Stunnel	4.44	All	All	All
Application	Stunnel	Stunnel	4.45	All	All	All
Application	Stunnel	Stunnel	4.46	All	All	All
Application	Stunnel	Stunnel	4.47	All	All	All
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Application	Stunnel	Stunnel	4.49	All	All	All
Application	Stunnel	Stunnel	4.50	All	All	All
Application	Stunnel	Stunnel	4.51	All	All	All
Application	Stunnel	Stunnel	4.52	All	All	All
Application	Stunnel	Stunnel	4.53	All	All	All
Application	Stunnel	Stunnel	4.54	All	All	All
Application	Stunnel	Stunnel	4.55	All	All	All
Application	Stunnel	Stunnel	All	All	All	All

References

Reference	Source	Link	Tags
Stunnel CVE-2014-0016 PRNG Initialization Weakness	BID	www.securityfocus.com	Third Party Advi

Bug 1072180 – CVE-2014-0016 stunnel: Improper initialization of PRNG after fork()	CONFIRM	bugzilla.redhat.com	Issue Tracking,
Attachment 870826 Details for Bug 1072180 – proposed patch	MISC	bugzilla.redhat.com	Patch
stunnel: ChangeLog	CONFIRM	www.stunnel.org	Release Notes,
oss-security - libssh and stunnel PRNG flaws	MLIST	www.openwall.com	Mailing List, Thi
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analy



No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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