



# CVE-2016-8635

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

## Summary

<b>CVE</b>	CVE-2016-8635
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2018-08-01 13:29:00 UTC
<b>Updated</b>	2023-02-12 23:26:00 UTC
<b>Description</b>	It was found that Diffie Hellman Client key exchange handling in NSS 3.21.x was vulnerable to small subgroup confinement

## Risk And Classification

**Problem Types:** CWE-358

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mozilla	Network Security Services	All	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	5.0	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	5.0	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	5.0	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	5.0	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	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	7.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	7.6	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	7.3	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	7.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	7.5	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	7.6	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	7.3	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	7.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	7.5	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	7.6	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	7.3	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	7.6	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	7.3	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	7.6	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Workstation</a>	5.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Workstation</a>	6.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Workstation</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Workstation</a>	5.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Workstation</a>	6.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Workstation</a>	7.0	All	All	All

## References

Reference	Source	Link
Red Hat Customer Portal	REDHAT	<a href="http://rhn.redhat.com">rhn.redhat.com</a>
Mozilla Network Security Services CVE-2013-8635 Information Disclosure Vulnerability	BID	<a href="http://www.securityfocus.com">www.securityfocus.com</a>
Mozilla Network Security Service (NSS): Multiple vulnerabilities (GLSA 201701-46) — Gentoo security	GENTOO	<a href="http://security.gentoo.org">security.gentoo.org</a>
1391818 – (CVE-2016-8635) CVE-2016-8635 nss: small-subgroups attack flaw	CONFIRM	<a href="http://bugzilla.redhat.com">bugzilla.redhat.com</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[710518](#) Gentoo Linux Mozilla Network Security Service (NSS) Multiple Vulnerabilities (GLSA 201701-46)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status [status.cve.report](#)**