



CVE-2016-4052

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

Summary

CVE	CVE-2016-4052
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-04-25 14:59:03 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Multiple stack-based buffer overflows in Squid 3.x before 3.5.17 and 4.x before 4.0.9 allow remote HTTP servers to cause a

Risk And Classification

Primary CVSS: v3.0 8.1 HIGH from nvd@nist.gov

CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H

Problem Types: CWE-119 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	8.1	HIGH	CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	6.8		AV:N/AC:M/Au:N/C:P/I:P/A:P

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:M/Au:N/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.10	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Application	Squid-cache	Squid	3.0	All	All	All
Application	Squid-cache	Squid	3.1	All	All	All
Application	Squid-cache	Squid	3.1.0.1	All	All	All
Application	Squid-cache	Squid	3.1.0.10	All	All	All
Application	Squid-cache	Squid	3.1.0.11	All	All	All
Application	Squid-cache	Squid	3.1.0.12	All	All	All
Application	Squid-cache	Squid	3.1.0.13	All	All	All
Application	Squid-cache	Squid	3.1.0.14	All	All	All
Application	Squid-cache	Squid	3.1.0.15	All	All	All
Application	Squid-cache	Squid	3.1.0.16	All	All	All
Application	Squid-cache	Squid	3.1.0.17	All	All	All
Application	Squid-cache	Squid	3.1.0.18	All	All	All
Application	Squid-cache	Squid	3.1.0.2	All	All	All

Application	Squid-cache	Squid	3.1.0.3	All	All	All
Application	Squid-cache	Squid	3.1.0.4	All	All	All
Application	Squid-cache	Squid	3.1.0.5	All	All	All
Application	Squid-cache	Squid	3.1.0.6	All	All	All
Application	Squid-cache	Squid	3.1.0.7	All	All	All
Application	Squid-cache	Squid	3.1.0.8	All	All	All
Application	Squid-cache	Squid	3.1.0.9	All	All	All
Application	Squid-cache	Squid	3.1.1	All	All	All
Application	Squid-cache	Squid	3.1.10	All	All	All
Application	Squid-cache	Squid	3.1.11	All	All	All
Application	Squid-cache	Squid	3.1.12	All	All	All
Application	Squid-cache	Squid	3.1.12.1	All	All	All
Application	Squid-cache	Squid	3.1.12.2	All	All	All
Application	Squid-cache	Squid	3.1.12.3	All	All	All
Application	Squid-cache	Squid	3.1.13	All	All	All
Application	Squid-cache	Squid	3.1.14	All	All	All
Application	Squid-cache	Squid	3.1.15	All	All	All
Application	Squid-cache	Squid	3.1.16	All	All	All
Application	Squid-cache	Squid	3.1.17	All	All	All
Application	Squid-cache	Squid	3.1.18	All	All	All
Application	Squid-cache	Squid	3.1.19	All	All	All
Application	Squid-cache	Squid	3.1.2	All	All	All
Application	Squid-cache	Squid	3.1.20	All	All	All
Application	Squid-cache	Squid	3.1.21	All	All	All
Application	Squid-cache	Squid	3.1.22	All	All	All
Application	Squid-cache	Squid	3.1.3	All	All	All
Application	Squid-cache	Squid	3.1.4	All	All	All
Application	Squid-cache	Squid	3.1.5	All	All	All
Application	Squid-cache	Squid	3.1.5.1	All	All	All
Application	Squid-cache	Squid	3.1.6	All	All	All
Application	Squid-cache	Squid	3.1.7	All	All	All
Application	Squid-cache	Squid	3.1.8	All	All	All
Application	Squid-cache	Squid	3.1.9	All	All	All
Application	Squid-cache	Squid	3.2.0.1	All	All	All
Application	Squid-cache	Squid	3.2.0.10	All	All	All
Application	Squid-cache	Squid	3.2.0.11	All	All	All

Application	Squid-cache	Squid	3.2.0.11	All	All	All
Application	Squid-cache	Squid	3.2.0.12	All	All	All
Application	Squid-cache	Squid	3.2.0.13	All	All	All
Application	Squid-cache	Squid	3.2.0.14	All	All	All
Application	Squid-cache	Squid	3.2.0.15	All	All	All
Application	Squid-cache	Squid	3.2.0.16	All	All	All
Application	Squid-cache	Squid	3.2.0.17	All	All	All
Application	Squid-cache	Squid	3.2.0.18	All	All	All
Application	Squid-cache	Squid	3.2.0.19	All	All	All
Application	Squid-cache	Squid	3.2.0.2	All	All	All
Application	Squid-cache	Squid	3.2.0.3	All	All	All
Application	Squid-cache	Squid	3.2.0.4	All	All	All
Application	Squid-cache	Squid	3.2.0.5	All	All	All
Application	Squid-cache	Squid	3.2.0.6	All	All	All
Application	Squid-cache	Squid	3.2.0.7	All	All	All
Application	Squid-cache	Squid	3.2.0.8	All	All	All
Application	Squid-cache	Squid	3.2.0.9	All	All	All
Application	Squid-cache	Squid	3.2.1	All	All	All
Application	Squid-cache	Squid	3.2.10	All	All	All
Application	Squid-cache	Squid	3.2.11	All	All	All
Application	Squid-cache	Squid	3.2.12	All	All	All
Application	Squid-cache	Squid	3.2.13	All	All	All
Application	Squid-cache	Squid	3.2.2	All	All	All
Application	Squid-cache	Squid	3.2.3	All	All	All
Application	Squid-cache	Squid	3.2.4	All	All	All
Application	Squid-cache	Squid	3.2.5	All	All	All
Application	Squid-cache	Squid	3.2.6	All	All	All
Application	Squid-cache	Squid	3.2.7	All	All	All
Application	Squid-cache	Squid	3.2.8	All	All	All
Application	Squid-cache	Squid	3.2.9	All	All	All
Application	Squid-cache	Squid	3.3.0	All	All	All
Application	Squid-cache	Squid	3.3.0.1	All	All	All
Application	Squid-cache	Squid	3.3.0.2	All	All	All
Application	Squid-cache	Squid	3.3.0.3	All	All	All
Application	Squid-cache	Squid	3.3.1	All	All	All
Application	Squid-cache	Squid	3.3.10	All	All	All

Application	Squid-cache	Squid	3.3.11	All	All	All
Application	Squid-cache	Squid	3.3.12	All	All	All
Application	Squid-cache	Squid	3.3.13	All	All	All
Application	Squid-cache	Squid	3.3.14	All	All	All
Application	Squid-cache	Squid	3.3.2	All	All	All
Application	Squid-cache	Squid	3.3.3	All	All	All
Application	Squid-cache	Squid	3.3.4	All	All	All
Application	Squid-cache	Squid	3.3.5	All	All	All
Application	Squid-cache	Squid	3.3.6	All	All	All
Application	Squid-cache	Squid	3.3.7	All	All	All
Application	Squid-cache	Squid	3.3.8	All	All	All
Application	Squid-cache	Squid	3.3.9	All	All	All
Application	Squid-cache	Squid	3.4.0.1	All	All	All
Application	Squid-cache	Squid	3.4.0.2	All	All	All
Application	Squid-cache	Squid	3.4.0.3	All	All	All
Application	Squid-cache	Squid	3.4.1	All	All	All
Application	Squid-cache	Squid	3.4.10	All	All	All
Application	Squid-cache	Squid	3.4.11	All	All	All
Application	Squid-cache	Squid	3.4.12	All	All	All
Application	Squid-cache	Squid	3.4.13	All	All	All
Application	Squid-cache	Squid	3.4.14	All	All	All
Application	Squid-cache	Squid	3.4.2	All	All	All
Application	Squid-cache	Squid	3.4.3	All	All	All
Application	Squid-cache	Squid	3.4.4	All	All	All
Application	Squid-cache	Squid	3.4.4.1	All	All	All
Application	Squid-cache	Squid	3.4.4.2	All	All	All
Application	Squid-cache	Squid	3.4.8	All	All	All
Application	Squid-cache	Squid	3.4.9	All	All	All
Application	Squid-cache	Squid	3.5.0.1	All	All	All
Application	Squid-cache	Squid	3.5.0.2	All	All	All
Application	Squid-cache	Squid	3.5.0.3	All	All	All
Application	Squid-cache	Squid	3.5.0.4	All	All	All
Application	Squid-cache	Squid	3.5.1	All	All	All
Application	Squid-cache	Squid	3.5.10	All	All	All
Application	Squid-cache	Squid	3.5.11	All	All	All

Application	Squid-cache	Squid	3.5.12	All	All	All
Application	Squid-cache	Squid	3.5.13	All	All	All
Application	Squid-cache	Squid	3.5.14	All	All	All
Application	Squid-cache	Squid	3.5.15	All	All	All
Application	Squid-cache	Squid	3.5.16	All	All	All
Application	Squid-cache	Squid	3.5.2	All	All	All
Application	Squid-cache	Squid	3.5.3	All	All	All
Application	Squid-cache	Squid	3.5.4	All	All	All
Application	Squid-cache	Squid	3.5.5	All	All	All
Application	Squid-cache	Squid	3.5.6	All	All	All
Application	Squid-cache	Squid	3.5.7	All	All	All
Application	Squid-cache	Squid	3.5.8	All	All	All
Application	Squid-cache	Squid	3.5.9	All	All	All
Application	Squid-cache	Squid	4.0.1	All	All	All
Application	Squid-cache	Squid	4.0.2	All	All	All
Application	Squid-cache	Squid	4.0.3	All	All	All
Application	Squid-cache	Squid	4.0.4	All	All	All
Application	Squid-cache	Squid	4.0.5	All	All	All
Application	Squid-cache	Squid	4.0.6	All	All	All
Application	Squid-cache	Squid	4.0.7	All	All	All
Application	Squid-cache	Squid	4.0.8	All	All	All

--

Vendor Declared Affected Products						
Source	Vendor	Product	Version	Platforms		
CNA	Na	N/a	affected n/a	Not specified		

--

References
Reference
openSUSE-SU-2016:2081-1: moderate: Security update for squid
Squid: Multiple vulnerabilities (GLSA 201607-01) — Gentoo security
Red Hat Customer Portal
oss-security - Re: CVE Request: Squid HTTP Caching Proxy multiple issues
Red Hat Customer Portal
Squid Multiple Buffer Overflow and Information Disclosure Vulnerabilities
Oracle Critical Patch Update - July 2016
Squid Bugs in Processing ESI Responses Let Remote Users Obtain Potentially Sensitive Information and Execute Arbitrary Code - SecurityTr

[security-announce] SUSE-SU-2016:1996-1: important: Security update for
oss-security - CVE Request: Squid HTTP Caching Proxy multiple issues
www.squid-cache.org/Advisories/SQUID-2016_6.txt
USN-2995-1: Squid vulnerabilities Ubuntu
Red Hat Customer Portal
Oracle Linux Bulletin - April 2016
Debian -- Security Information -- DSA-3625-1 squid3
[security-announce] SUSE-SU-2016:2089-1: important: Security update for
Oracle July 2016 Critical Patch Update Multiple Vulnerabilities
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.
There are currently no legacy QID mappings associated with this CVE.

© [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](#).

Free CVE JSON API [cve.report/api](#)

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