



CVE-2016-2402

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2016-2402
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-01-30 22:59:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	OkHttp before 2.7.4 and 3.x before 3.1.2 allows man-in-the-middle attackers to bypass certificate pinning by sending a certi

Risk And Classification

Primary CVSS: v3.1 5.9 MEDIUM from nvd@nist.gov

CVSS: 3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:H/A:N

Problem Types: CWE-295 | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	5.9	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:H/A:N
2.0	nvd@nist.gov	Primary	4.3		AV:N/AC:M/Au:N/C:N/I:P/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

High

Availability

None

CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:H/A:N

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

Partial

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Squareup	Okhttp	All	All	All	All
Application	Squareup	Okhttp3	3.0.0	All	All	All
Application	Squareup	Okhttp3	3.0.0	rc1	All	All
Application	Squareup	Okhttp3	3.0.1	All	All	All
Application	Squareup	Okhttp3	3.1.0	All	All	All
Application	Squareup	Okhttp3	3.1.1	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source	Link
oss-security - CVE request - OkHttp Certificate Pining Bypass	af854a3a-2127-422b-91ae-364da2661108	www.openwall.com
OkHttp Certificate Pinning Vulnerability!	af854a3a-2127-422b-91ae-364da2661108	publicobject.com
Pony Mail!	af854a3a-2127-422b-91ae-364da2661108	lists.apache.org
oss-security - Re: CVE request - OkHttp Certificate Pining Bypass	af854a3a-2127-422b-91ae-364da2661108	www.openwall.com
Testing for CVE-2016-2402 and similar pinning issues · John Kozyrakis ~ blog	af854a3a-2127-422b-91ae-364da2661108	koz.io

Pony Mail!	MITRE	lists.apache.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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