



CVE-2016-5393

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

Summary

CVE	CVE-2016-5393
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-11-29 06:59:00 UTC
Updated	2026-05-06 22:30:45 UTC
Description	In Apache Hadoop 2.6.x before 2.6.5 and 2.7.x before 2.7.3, a remote user who can authenticate with the HDFS NameNode can execute arbitrary commands on the NameNode.

Risk And Classification

Primary CVSS: v3.0 8.8 HIGH from nvd@nist.gov

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

EPSS: 0.025850000 probability, percentile 0.856870000 (date 2026-05-10)

Problem Types: CWE-284 | arbitrary command execution

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	8.8	HIGH	CVSS:3.0/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	6.5		AV:N/AC:L/Au:S/C:P/I:P/A:P

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

Single

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:L/Au:S/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Hadoop	2.6.0	All	All	All
Application	Apache	Hadoop	2.6.1	All	All	All
Application	Apache	Hadoop	2.6.2	All	All	All
Application	Apache	Hadoop	2.6.3	All	All	All
Application	Apache	Hadoop	2.6.4	All	All	All
Application	Apache	Hadoop	2.7.0	All	All	All
Application	Apache	Hadoop	2.7.1	All	All	All
Application	Apache	Hadoop	2.7.2	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	Apache Hadoop	affected Apache Hadoop 2.6.x before 2.6.5, 2.7.x before 2.7.3	Not specified

References

Reference	Source	Link
CVE-2016-5393: Apache Hadoop Privilege escalation vulnerability	af854a3a-2127-422b-91ae-364da2661108	mail-archives.apac
Apache Hadoop CVE-2016-5393 Remote Privilege Escalation Vulnerability	af854a3a-2127-422b-91ae-364da2661108	www.securityfocus

Apache Hadoop CVE-2015-000 Remote Privilege Escalation Vulnerability	Apache Hadoop CVE-2015-000 Remote Privilege Escalation Vulnerability	www.cve.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.		

© [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](#)