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 NameNod

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

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

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.