



CVE-2012-4449

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CVE-2012-4449

Source: Mitre

Source: NIST

CVE.ORG

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Certain versions of [Hadoop](#) from [Apache](#) contain the following vulnerability:

Apache Hadoop before 0.23.4, 1.x before 1.0.4, and 2.x before 2.0.2 generate token passwords using a 20-bit secret when Kerberos security features are enabled, which makes it easier for context-dependent attackers to crack secret keys via a brute-force attack.

CVE-2012-4449 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.5 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
CDH Issues	Issue Tracking Third Party Advisory www.cloudera.com text/html	CONFIRM www.cloudera.com/documentation/other/security-bulletins/topics/csb_topic_1.html#topic_1_0

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Hadoop	1.0.0	All	All	All
Application	Apache	Hadoop	1.0.1	All	All	All
Application	Apache	Hadoop	1.0.2	All	All	All
Application	Apache	Hadoop	1.0.3	All	All	All
Application	Apache	Hadoop	2.0.0	alpha	All	All
Application	Apache	Hadoop	2.0.1	alpha	All	All
Application	Apache	Hadoop	2.0.2	alpha	All	All
Application	Apache	Hadoop	All	All	All	All
Application	Apache	Hadoop	1.0.0	All	All	All
Application	Apache	Hadoop	1.0.1	All	All	All
Application	Apache	Hadoop	1.0.2	All	All	All
Application	Apache	Hadoop	1.0.3	All	All	All
Application	Apache	Hadoop	2.0.0	alpha	All	All
Application	Apache	Hadoop	2.0.1	alpha	All	All
Application	Apache	Hadoop	2.0.2	alpha	All	All

cpe:2.3:a:apache:hadoop:1.0.0:*****:

cpe:2.3:a:apache:hadoop:1.0.1:*****:

cpe:2.3:a:apache:hadoop:1.0.2:*****:

cpe:2.3:a:apache:hadoop:1.0.3:*****:

cpe:2.3:a:apache:hadoop:2.0.0:alpha:*****:

cpe:2.3:a:apache:hadoop:2.0.1:alpha:*****:

cpe:2.3:a:apache:hadoop:2.0.2:alpha:*****:

cpe:2.3:a:apache:hadoop:*****:

cpe:2.3:a:apache:hadoop:1.0.0:*****:

cpe:2.3:a:apache:hadoop:1.0.1:*****:
cpe:2.3:a:apache:hadoop:1.0.2:*****:
cpe:2.3:a:apache:hadoop:1.0.3:*****:
cpe:2.3:a:apache:hadoop:2.0.0:alpha:*****:
cpe:2.3:a:apache:hadoop:2.0.1:alpha:*****:
cpe:2.3:a:apache:hadoop:2.0.2:alpha:*****:

No vendor comments have been submitted for this CVE

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