



CVE-2017-3166

Published on: 11/13/2017 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:26:32 PM UTC

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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

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

In Apache Hadoop versions 2.6.1 to 2.6.5, 2.7.0 to 2.7.3, and 3.0.0-alpha1, if a file in an encryption zone with access permissions that make it world readable is localized via YARN's localization mechanism, that file will be stored in a world-readable location and can be shared freely with any application that requests to localize that file.

CVE-2017-3166 has been assigned by [security@apache.org](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Apache Software Foundation](#) - **Apache Hadoop** version **2.6.1 to 2.6.5**

Affected Vendor/Software: [Apache Software Foundation](#) - **Apache Hadoop** version **2.7.0 to 2.7.3**

Affected Vendor/Software: [Apache Software Foundation](#) - **Apache Hadoop** version **3.0.0-alpha1 to 3.0.0-alpha3**

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **4.6 - MEDIUM**

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

CVE References

Description	Tags	Link
Pony Mail!	lists.apache.org text/html	 MLIST [druid-commits] 20191115 [GitHub] [incubator-druid] ccaominh opened a new pull request #8878: Address security vulnerabilities
Pony Mail!	Issue Tracking Mailing List Vendor Advisory lists.apache.org text/html	 MLIST [general] 20171108 [SECURITY] CVE-2017-3166: Apache Hadoop Privilege escalation vulnerability

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Related QID Numbers

[981166](#) Java (maven) Security Update for org.apache.hadoop:hadoop-main (GHSA-99qr-9cc9-fv2x)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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	2.6.5	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
Application	Apache	Hadoop	2.7.3	All	All	All
Application	Apache	Hadoop	3.0.0	alpha1	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	2.6.5	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
Application	Apache	Hadoop	2.7.3	All	All	All
Application	Apache	Hadoop	3.0.0	alpha1	All	All

cpe:2.3:a:apache:hadoop:2.6.1:*****:
cpe:2.3:a:apache:hadoop:2.6.2:*****:
cpe:2.3:a:apache:hadoop:2.6.3:*****:
cpe:2.3:a:apache:hadoop:2.6.4:*****:
cpe:2.3:a:apache:hadoop:2.6.5:*****:
cpe:2.3:a:apache:hadoop:2.7.0:*****:
cpe:2.3:a:apache:hadoop:2.7.1:*****:
cpe:2.3:a:apache:hadoop:2.7.2:*****:
cpe:2.3:a:apache:hadoop:2.7.3:*****:
cpe:2.3:a:apache:hadoop:3.0.0:alpha1:*****:
cpe:2.3:a:apache:hadoop:2.6.1:*****:
cpe:2.3:a:apache:hadoop:2.6.2:*****:
cpe:2.3:a:apache:hadoop:2.6.3:*****:
cpe:2.3:a:apache:hadoop:2.6.4:*****:
cpe:2.3:a:apache:hadoop:2.6.5:*****:
cpe:2.3:a:apache:hadoop:2.7.0:*****:
cpe:2.3:a:apache:hadoop:2.7.1:*****:
cpe:2.3:a:apache:hadoop:2.7.2:*****:
cpe:2.3:a:apache:hadoop:2.7.3:*****:
cpe:2.3:a:apache:hadoop:3.0.0:alpha1:*****:

No vendor comments have been submitted for this CVE

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