CVE-2017-3166

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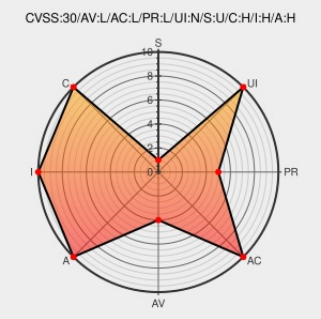

Certain versions of Hadoop from Apache contain the following vulnerability:

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

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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