



Saagie Data Fabric
Release 1.4





Capsules

Name	Features	Benefits	Live
HDFS 	HDFS Transparent Encryption Option	<ul style="list-style-type: none">• Security improvement - Encrypted data in of case stolen hardware or rogue administrator.	June 2017 Option on Demand
HDFS 	Encryption KeyStore can be integrated in your own server (Key Management Server)	<ul style="list-style-type: none">• Security and autonomy improvement - user controls the encryption/decryption keys.	

HDFS Transparent Encryption



Encryption over HDFS, 10 to 15% of performance impact, transparent for HDFS client.

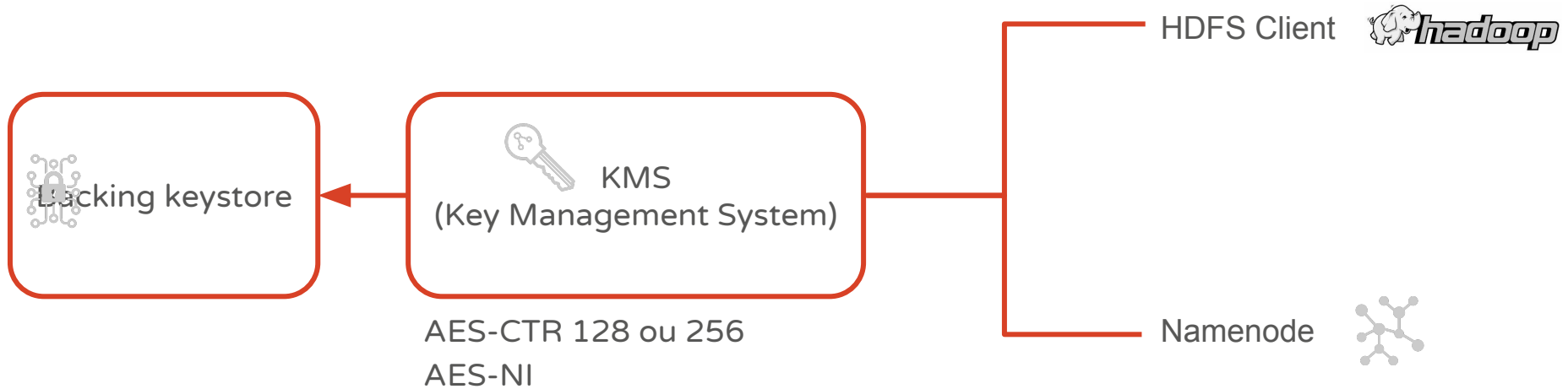
User Documentation is available here :

<https://creativedata.atlassian.net/wiki/display/SAP/HDFS+Transparent+Encryption>

Officiel Apache Hadoop documentation is available here:

<https://hadoop.apache.org/docs/r2.6.0/hadoop-project-dist/hadoop-hdfs/TransparentEncryption.html>

Encryption KeyStore can be in your own server



Officiel Apache Hadoop documentation is available here:

<https://hadoop.apache.org/docs/r2.6.0/hadoop-kms/index.html>