

Kibana Authentication:

Basic authentication in Kibana can be implemented using X-Pack plugin (free) from version 6.8.0, 7.1.0 and above.

Refer: <https://www.elastic.co/blog/getting-started-with-elasticsearch-security>

InfluxDB - Admin Interface Authentication:

As of version 1.3, the web admin interface is no longer available in InfluxDB and Chronograf replaces the web admin interface. The existing InfluxDB should be upgraded to v1.3 and above. Chronograf supports authentication using OAuth 2.0.

Refer: <https://docs.influxdata.com/chronograf/v1.7/administration/managing-security/#configuring-generic-authentication>

In-case, InfluxDB version is not upgraded then IP based access control using mechanism such as IP tables, security groups (for cloud) should be implemented.

Apache Flink - Web UI authentication:

Apache Flink doesn't support authentication. Basic authentication using Nginx should be implemented to restrict access to Flink Web UI.

Refer: <http://apache-flink-mailing-list-archive.1008284.n3.nabble.com/flink-web-ui-authentication-td21526.html>
<https://stackoverflow.com/questions/49254307/flink-web-ui-authentication>
<https://www.digitalocean.com/community/tutorials/how-to-set-up-password-authentication-with-nginx-on-ubuntu-14-04>

Apache Hiveserver2 Authentication:

Pluggable Access Modules (PAM) authentication can be enabled for Hiveserver2.

Refer:

[https://cwiki.apache.org/confluence/display/Hive/Setting+Up+HiveServer2#SettingUpHiveServer2-PluggableAuthenticationModules\(PAM\)](https://cwiki.apache.org/confluence/display/Hive/Setting+Up+HiveServer2#SettingUpHiveServer2-PluggableAuthenticationModules(PAM))

Apache Impala Authentication:

Kerberos authentication can be implemented for Apache Impala.

Refer: https://impala.apache.org/docs/build/html/topics/impala_webui.html

Apache Solr Authentication:

Solr can support Basic authentication for users with the use of the BasicAuthPlugin.

Refer: https://lucene.apache.org/solr/guide/7_3/basic-authentication-plugin.html

cAdvisor Web UI Authentication:

cAdvisor Web UI supports HTTP basic or HTTP digest authentication.

Refer:

<https://github.com/google/cadvisor/blob/b1535b8a39eddaf5761481508cff0bec8ac4c399/docs/web.md>

Ceph Storage Web UI Authentication:

Ceph Dashboard supports authentication and management of multiple user accounts. Each user account consists of a username, a password (stored in encrypted form using bcrypt), an optional name, and an optional email address.

Refer: <https://docs.ceph.com/docs/master/mgr/dashboard/#dashboard-user-role-management>

Hive LLAP Monitor UI Authentication:

Hive LLAP Monitor UI provides only status information of Hive processing. No authentication is supported and the access to the port 15002 should be restricted from user segment.

HP Operations Orchestration (HPOO) UI Authentication:

HPOO supports LDAP based authentication and should be integrated with Active Directory.

Refer:

https://softwaresupport.softwaregrp.com/doc/KM02655792?fileName=Central_Guide.pdf

Jenkins Authentication:

To enable authentication in Jenkins, the Enable Security checkbox should be checked and the administrator can use local authentication or LDAP based on Security Realm selected.

Refer: <https://jenkins.io/doc/book/managing/security/>

Hadoop Node Manager Web UI Authentication:

Implementing kerberos authentication will ensure that access to Hadoop HTTP web-consoles (JobTracker, NameNode, TaskTrackers and DataNodes) is authenticated.

Refer: <https://hadoop.apache.org/docs/r2.7.1/hadoop-project-dist/hadoop-common/HttpAuthentication.html>