Enable Impersonation for HBase Thrift 1 Gateway

To configure the Thrift gateway to authenticate to HBase on the client's behalf, and to access HBase using a proxy user:

1. In the `hbase-site.xml` file for each cluster node running a Thrift gateway, set the property `hbase.thrift.security.qop` to one of the following three values:
    - `auth-conf` - authentication, integrity, and confidentiality checking
    - `auth-int` - authentication and integrity checking
    - `auth` - authentication checking only

2. Restart the Thrift gateway processes for the changes to take effect. If a node is running Thrift, the output of the `jps` command will list a `ThriftServer` process.
    - To stop Thrift on a node, run the command `bin/hbase-daemon.sh stop thrift`.
    - To start Thrift on a node, run the command `bin/hbase-daemon.sh start thrift`.

3. To allow proxy users, add the following to the `hbase-site.xml` file for every HBase node:

```
<property>
    <name>hadoop.security.authorization</name>
    <value>true</value>
</property>
<property>
    <name>hadoop.proxyuser.$USER.groups</name>
    <value>$GROUPS</value>
</property>
<property>
    <name>hadoop.proxyuser.$USER.hosts</name>
    <value>$GROUPS</value>
</property>
```

4. To enable the `doAs` feature, add the following to the hbase-site.xml file for every Thrift gateway:

```
<property>
    <name>hbase.regionserver.thrift.http</name>
    <value>true</value>
</property>
<property>
    <name>hbase.thrift.support.proxyuser</name>
    <value>true/value>
</property>
```