**Windows OpenLDAP installation and Configuration instructions:**

1. Download openldap on windows from site

http://www.userbooster.de/en/download/openldap-for-windows.aspx.

1. Installation instructions are provided in article:

<http://www.userbooster.de/en/support/feature-articles/openldap-for-windows-installation.aspx>

1. Open sladp.conf file from openLDAP installation directory
2. Add content from file ldap.txt to the slap.conf file and save the sladp.conf file
3. Restart the openLDAP service.
4. Create a folder "ldif" under openldap installation dir and copy the caHopeAnalytics.ldif file in that location.
5. Open command prompt and go to {openldap installation dir}/clienttools
6. Add users and groups to the caHopeAnalytics domain bind:

Type following command: ldapmodify -a -x -h localhost -D cn=manager,dc=caHopeAnalytics,dc=com -w secret -f ..\ldif\caHopeAnalytics.ldif

**Configure application to use LDAP authentication**

1. Open security-config.xml file (web-inf/spring/ security-config.xml)
2. Search for <bean id=”authenticationManager” ..> .
3. Under <property> tag you will see two authentication providers.

i. Comment the following line to disable database authentication

<ref bean="daoAuthenticationProvider"/>.

ii. Uncomment following line to enable ldap authentication

<ref bean="ldapAuthenticationProvider"/>

1. Ldap connection details are stored under ldap.properties file (resources\ ldap.properties).

Note: You can change connection properties “host”, “port” and “password” accordingly.