# **Integrating HUE / Ldap for user authentication**

**Note:** for an DataRobot guide to LDAP in Hue see: <https://datarobot.atlassian.net/wiki/display/CIS/Cloudera+Administration>

## Configuring the Hue/Ldap settings in the Cloudera Manager:

1. Switch authentication to ‘AllowAllBackend’.
2. Verify that there are now null assignments in the cloudera-manager under non-default. An empty assignment can cause issues.
3. Set ldap\_bind password - This will be in the **BI\_BA\_hadoop** git repo. Ask if you need it.
4. Save and restart Hue.

## Configuring a new Hue Admin user:

1. Login as admin/admin
2. Remove any existing user you want to update, then use the ***Ldap User Sync*** feature to download the user object from the Ldap server.
3. Change the permissions on the new user to Admin; make sure the box labeled ***Super User Status*** is checked.
4. Add the users to groups in the **Manage Users** dropdown as needed.

Note: User permissions should be tracked and referenced via the internal document here: [Hue Permissions](https://drive.google.com/open?id=1kK8e0XHanjcj-FzQidmSsjRjSYQMxf5cffc1_1n9fZU).

1. **Optional:** Login to CM and set backend to ‘Ldap backend’.
2. **Optional** Save & Restart Hue (changes may take a few minutes).
3. Login with newly created user.
4. Check admin permissions- if required.

## Adding users:

1. Create FreeIPA Account for new use, send email with 1-time password the the new users email.
2. Cloudera-Manager Account (when applicable). Make an account and a username. Give user the username and PW with instructions to change their password. This account exists entirely in the local DB and does not use central auth.
3. Hue:
   1. import the users account using the “import user from LDAP” button
   2. Set authorization manually according to their group in [the Hue Permissions Document](https://docs.google.com/spreadsheets/d/1kK8e0XHanjcj-FzQidmSsjRjSYQMxf5cffc1_1n9fZU/edit#gid=2117191177). Their authorization and group is stored in the local DB and does not come from LDAP.
4. Edit Sudoers File to include new users. This will be deprecated when we use FreeIPA to do this.