

Problem

Currently UCP and LDAP integrate through the [Authentication & Authorization](#) section of UCP GUI. In some cases, nested groups within AD is the desired configuration for easier manageability.

Example Setup of AD Tree

```
Group Member Attribute: "member"
```

```
- DockerTestGroup
  --- ADTeamGroup

- ADTeamGroup
  --- user1
  --- user2
  --- user3
```

Solution

To successfully implement the above configuration, the following values can be used in the [Add LDAP User Search Configuration](#) option under the [Authentication & Authorization](#) section of the UCP GUI [Admin Settings](#).

```
Base DN = <base DN of active directory>
Username Attribute = sAMAccountName
Full Name Attribute = cn
Filter = &(objectClass=user)(objectClass=person)(memberof:1.2.840.113556.1.4.1941:=CN=<>,CN=<>,DC=<>,DC=<>,DC=<>,DC=<>)(!(objectClass=computer))
```

- For the above [Filter](#) value, please enter your specific DN configuration in replace of <>.
- In short, the values above for [Filter](#) are unicode strings to enable stronger and more efficient LDAP searches. You can learn more about these by researching "Active Directory Search Filter Syntax".

Lastly, enable [Search subtree instead of just one level](#) on the same configuration page.

Users should now be able to authenticate successfully using nested groups!