```
$sudo apt -y install ldap-account-manager
```

```
$sudo nano /etc/apache2/conf-enabled/ldap-account-manager.conf
```

Comment out the line "Require all granted" and then add the IP subnets to be accessed like this:

```
#Require all granted
```

```
Require ip 127.0.0.1 192.168.13.0/24
```

Restart apache web server:

```
$sudo systemctl restart apache2
```

Next access LDAP Account Manager web interface from a trusted machine network on:

http://ldap.cosc328.okc/lam

The LDAP Account Manager **Login** form will be shown. For the first time, we need to set up an **admin** account with a password for the administration of ldap users and groups. We need to set our LDAP server profile by clicking on "LAM configuration" at the upper right corner:

Then click on "Edit server profiles":

This will ask you for LAM Profile name password for lam, you type in the default password: lam
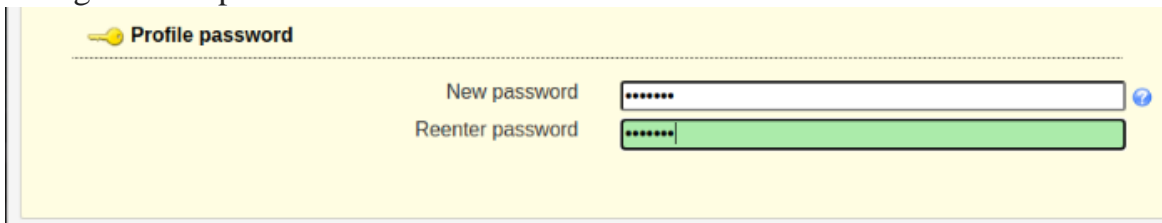
Change Server settings:

Change Security settings:
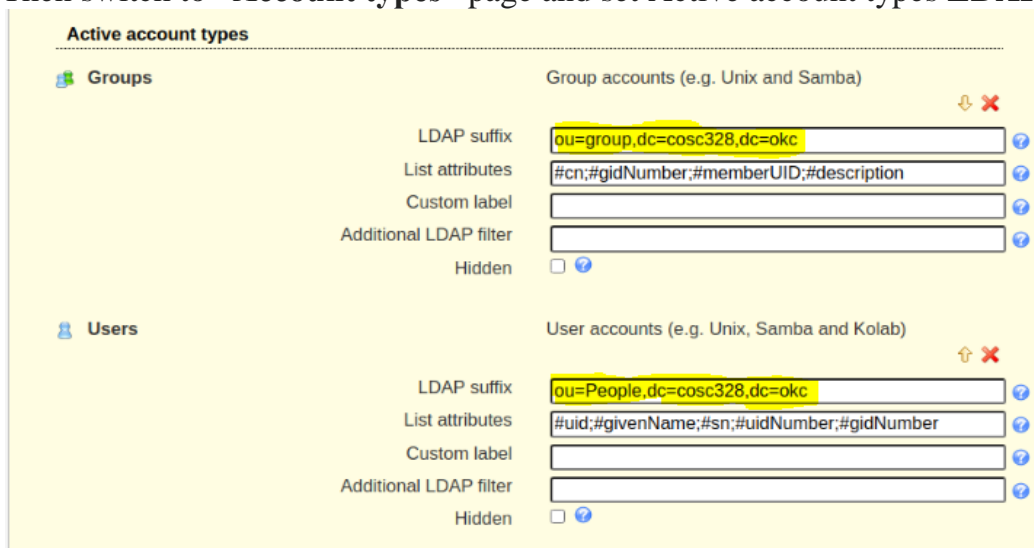
Change Profile password with "letmein":

Profile password

New password ⬤⬤⬤⬤⬤⬤⬤

Reenter password ⬤⬤⬤⬤⬤⬤⬤

Then switch to **"Account types"** page and set Active account types **LDAP suffix** and **List attributes:**

Active account types

Groups   Group accounts (e.g. Unix and Samba)
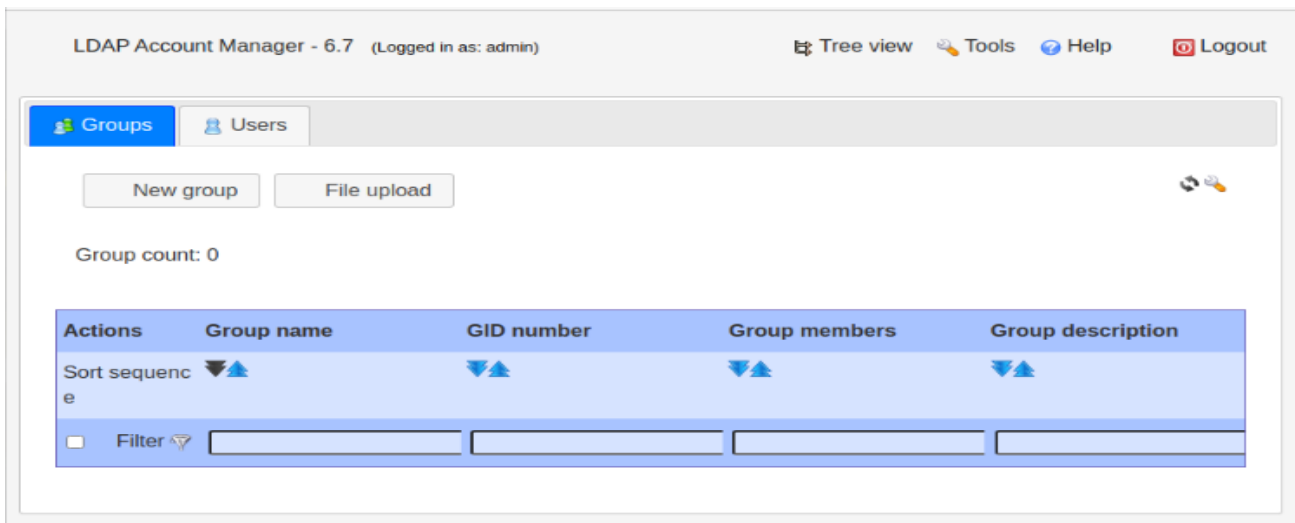
LDAP suffix   ou=group,dc=cosc328,dc=okc

List attributes   #cn;#gidNumber;#memberUID;#description

Custom label

Additional LDAP filter

Hidden ☐

Users   User accounts (e.g. Unix, Samba and Kolab)

LDAP suffix   ou=People,dc=cosc328,dc=okc

List attributes   #uid;#givenName;#sn;#uidNumber;#gidNumber

Custom label

Additional LDAP filter

Hidden ☐

=> Click "**Save**" button   => login with the newly created **admin** account with password "**letmein**":

LDAP Account Manager - 6.7 (Logged in as: admin)   🗄 Tree view 🔍 Tools ❓ Help   🔲 Logout

Groups   **Users**

New group   File upload

Group count: 0

Actions	Group name	GID number	Group members	Group description
Sort sequence ▼▲		▼▲	▼▲	▼▲
☐ Filter ▽				

- Create two ldap users: **cs328user** and **mdoe:**

LDAP Account Manager - 6.7   (Logged in as: admin)

Tree view   Tools   Help   Logout

Groups   **Users**

New user   Delete selected users

File upload

User count: 2

Actions	User name	First name	Last name	UID number	GID number
Sort sequence					
Filter					
cs328user			CoscDept	2000	2000
mdoe	Mary		Doe	10000	10000