Primero instalo apache con módulo de autenticacion LDAP con

sudo apt install libapache2-mod-authnz-external

```
osboxes@osboxes: ~
osboxes@osboxes:~$ sudo apt install libapache2-mod-authnz-external
[sudo] password for osboxes:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-bin libapr1 libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap
  pwauth
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser
The following NEW packages will be installed:
  apache2-bin libapache2-mod-authnz-external libapr1 libaprutil1
  libaprutil1-dbd-sqlite3 libaprutil1-ldap pwauth
0 upgraded, 7 newly installed, 0 to remove and 524 not upgraded.
Need to get 1,597 kB of archives.
After this operation, 5,992 kB of additional disk space will be used. Do you want to continue? [Y/n] y
Get:1 https://ubuntu.netforce.hosting/ubuntu jammy-updates/main amd64 libapr1 amd64 1.7.0-8u
buntu0.22.04.1 [108 kB]
Get:2 https://ubuntu.netforce.hosting/ubuntu jammy-updates/main amd64 libaprutil1 amd64 1.6.
1-5ubuntu4.22.04.2 [92.8 kB]
Get:3 https://ubuntu.netforce.hosting/ubuntu jammy-updates/main amd64 libaprutil1-dbd-sqlite
3 amd64 1.6.1-5ubuntu4.22.04.2 [11.3 kB]
Get:4 https://ubuntu.netforce.hosting/ubuntu jammy-updates/main amd64 libaprutil1-ldap amd64
1.6.1-5ubuntu4.22.04.2 [9,170 B]
Get:5 https://ubuntu.netforce.hosting/ubuntu jammy-updates/main amd64 apache2-bin amd64 2.4.
52-1ubuntu4.7 [1,346 kB]
```

Ahora configuro /etc/apache2/sites-available/000-default.conf y añado

<Directory /var/www/html/ldap>

AuthName "LDAP Authentication"

AuthType Basic

AuthBasicProvider Idap

AuthLDAPURL Idap://10.0.2.15/dc=lbk,dc=local

Require Idap-filter objectClass=posixAccount

</Directory>

```
GNU nano 6.2
                                   /etc/apache2/sites-available/000-default.conf
<VirtualHost *:80>
          # The ServerName directive sets the request scheme, hostname and port that # the server uses to identify itself. This is used when creating # redirection URLs. In the context of virtual hosts, the ServerName # specifies what hostname must appear in the request's Host: header to
          # value is not decisive as it is used as a last resort host regardless.
<Directory /var/www/html/ldap>
    AuthName "LDAP Authentication"
          AuthType Basic
          AuthBasicProvider ldap
          AuthLDAPURL ldap://10.0.2.15/dc=lbk,dc=local
          Require ldap-filter objectClass=posixAccount
</Directory>
          ServerAdmin webmaster@localhost
          DocumentRoot /var/www/html
          # It is also possible to configure the loglevel for particular
          ErrorLog ${APACHE_LOG_DIR}/error.log
          CustomLog ${APACHE_LOG_DIR}/access.log combined
^G Help
^X Exit
                                        ^W Where Is
                                                            ^K Cut
                    ^O Write Out
                                                                                                     ^C Location
                                                                                 ^T Execute
                    ^R Read File
                                        ^\ Replace
                                                                                 ^J Justify
                                                                                                     ^/ Go To Line
                                                            ^U Paste
```

Ahora voy a html

cd /var/www/html

Y creo Idap con mkdir

```
osboxes@osboxes:/etc/apache2$ cd /var/www/html
osboxes@osboxes:/var/www/html$
```

osboxes@osboxes:/var/www/html\$ sudo mkdir ldap

Y voy al directorio creado

```
osboxes@osboxes:/var/www/html$ cd ldap/
osboxes@osboxes:/var/www/html/ldap$
```

Ahora creo un index.html

sudo touch index.html

Añado

Ahora le doy permisos para que apache pueda acceder

sudo chown -R www-data:www-data/var/www/html/ldap

```
osboxes@osboxes:/var/www/html/ldap$ sudo chown -R www-data:www-data /var/www/html/ldap
osboxes@osboxes:/var/www/html/ldap$
```

Ahora reiniciamos apache

sudo systemctl restart apache2

```
osboxes@osboxes:~$ sudo systemctl restart apache2
```

Ahora en el navegador vamos a ejemplo.com/ldap/index.html

Y deberíamos ver el html despues de loguearse con la cuenta de admin creada



DanielDL probando LDAP