How do I configure Ezeelogin to authenticate using OpenLdap(Pam-Ldap) in CentOS ?

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Integration of Open-LDAP (PAM-LDAP) in CentOS

Overview: This article details how to integrate OpenLDAP (PAM-LDAP) with CentOS for SSH authentication using Ezeelogin. It covers installing PHP-LDAP, configuring LDAP settings via the web GUI, and setting up PAM_LDAP for SSH access. Verification steps ensure imported LDAP users are correctly configured for seamless integration.

Make sure that the PHP-LDAP extension is installed on the server.

```
root@gateway:~# yum install php-ldap openldap openldap-clients ;apachectl restart
```

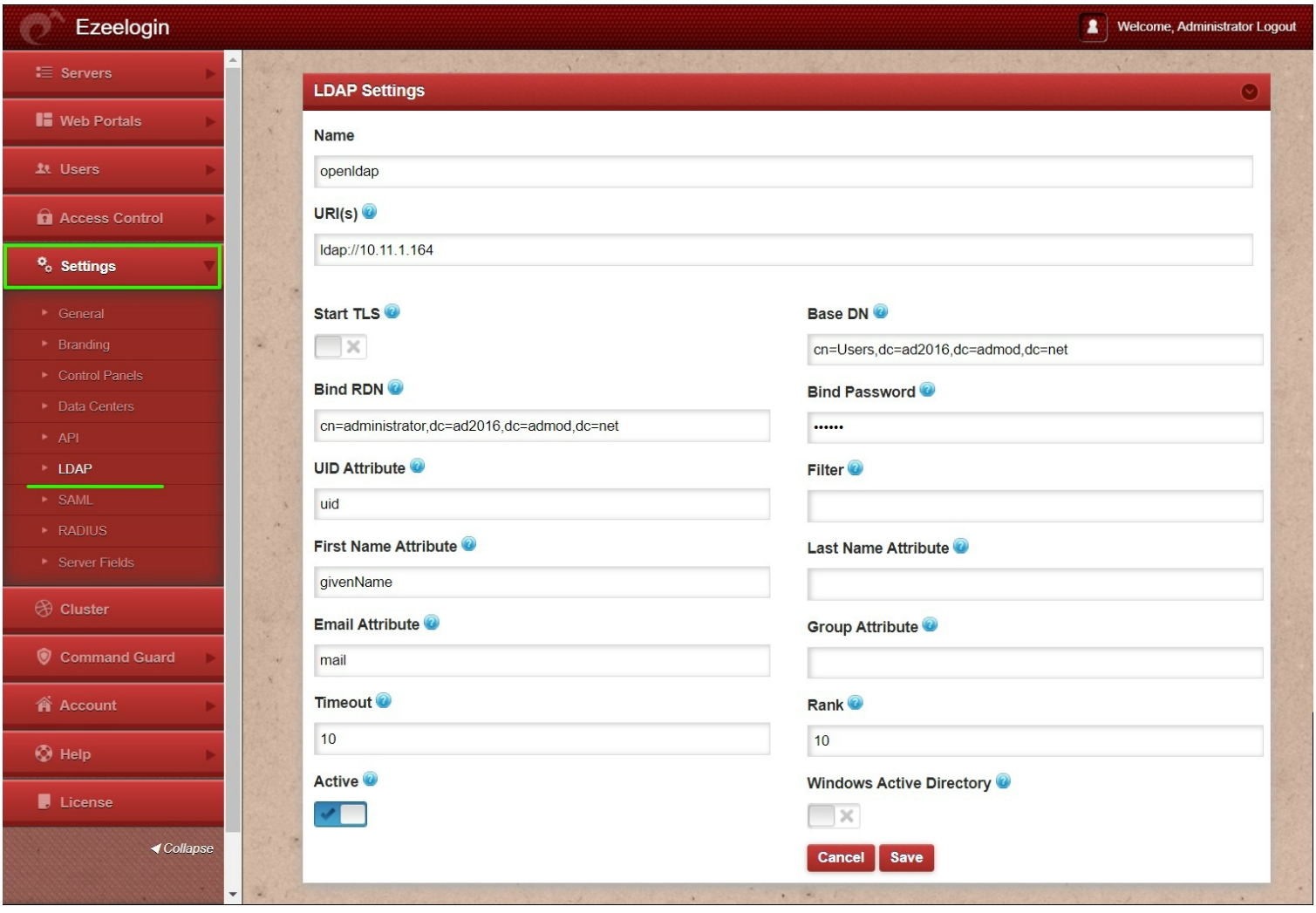
Step 1: Login to **Web-GUI** -> **Settings** -> **LDAP**

Add the details of LDAP configurations

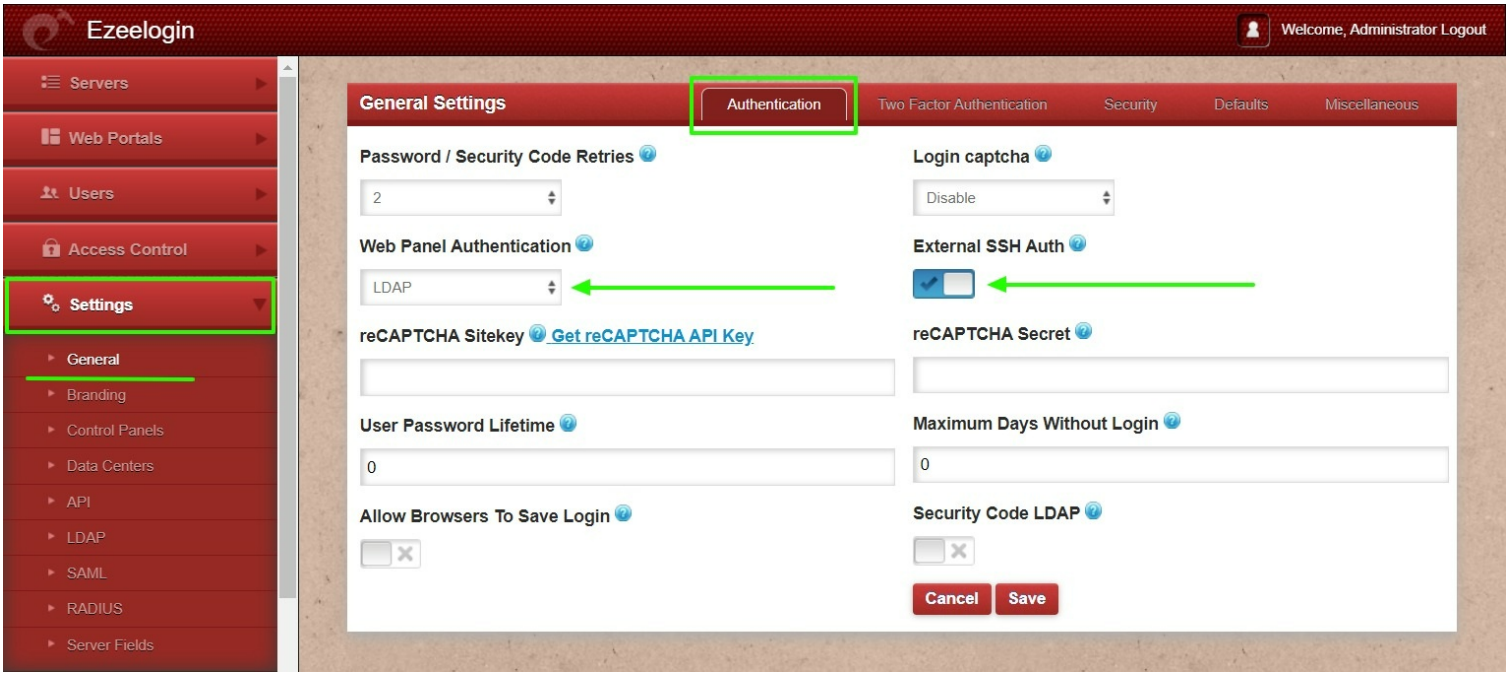
Multiple URIs or a list of URIs can be specified in the format:

- ldaps://host.com:636/ ldaps://host.com:636/

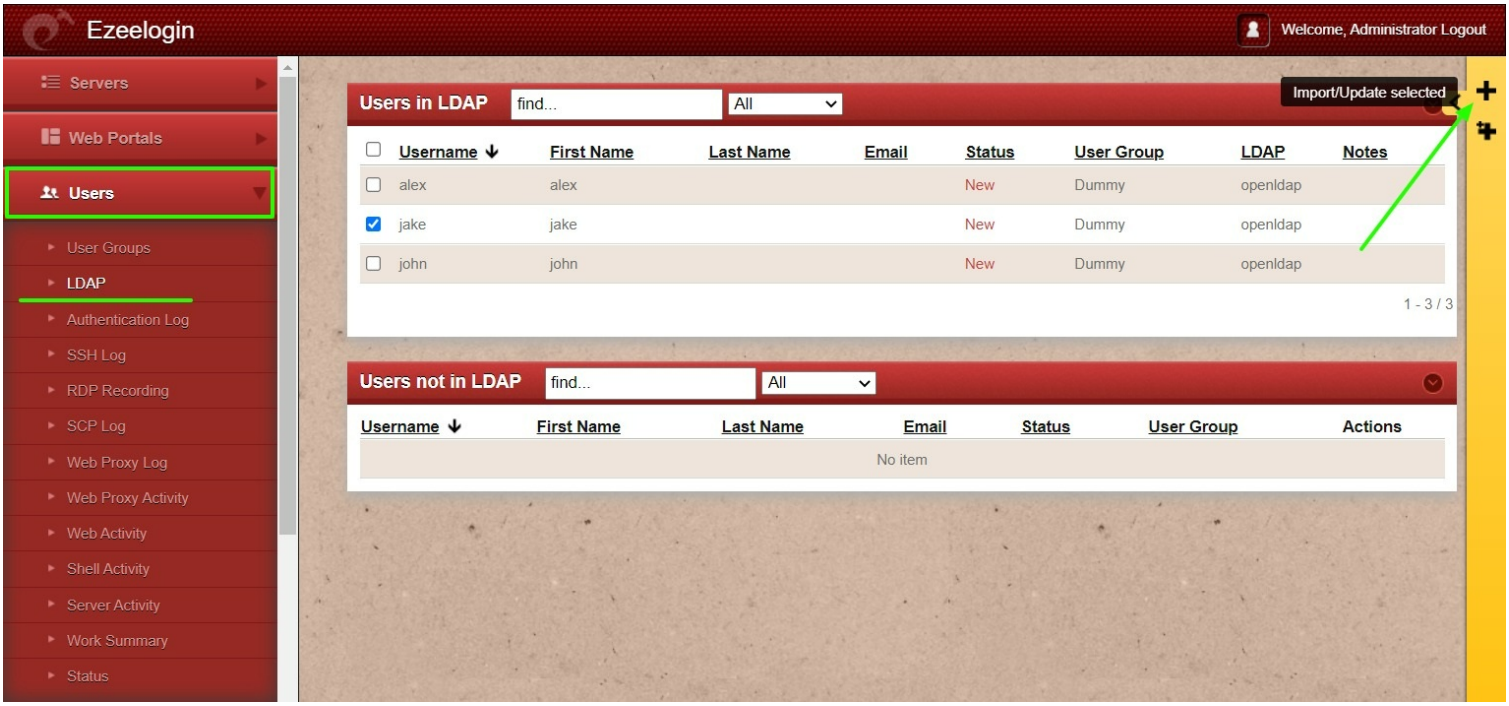
(Only the protocol, hostname, and port fields are allowed.)



Step 2: Under **Settings** -> **General** -> **Authentication** -> **change web panel authentication** to **LDAP** & **Enable External SSH Auth**



Step 3: Select the LDAP users and **import** them to Ezeelogin



You can confirm the imported LDAP users were listed in the Users. Now you can log in to Ezeelogin GUI as an LDAP user.

Note: After importing the users to Ezeelogin, log in with the user and set up the security code for the user under Account -> Password -> New Security Code.

Let's configure PAM_LDAP Authentication for SSH

Login to the Ezeelogin ssh server to configure pam-LDAP

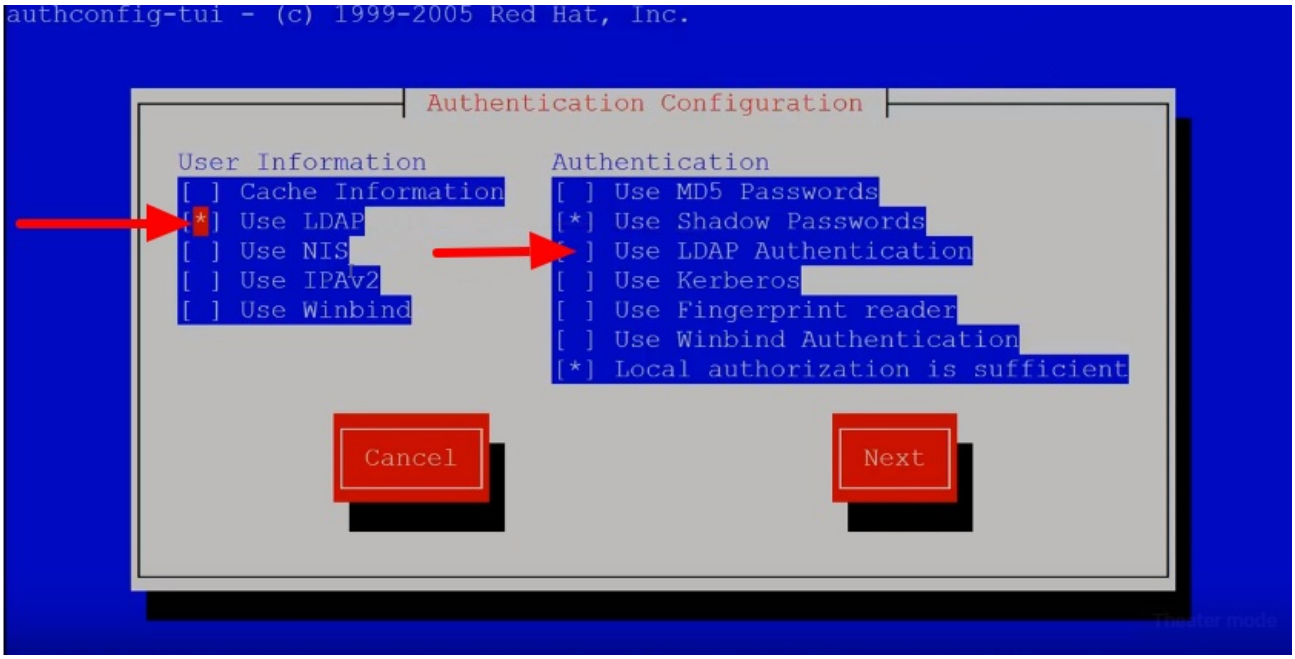
Step 1: Install **pam-LDAP module** by the following command

```
root@gateway:~# yum install nss-pam-ldapd nscd
```

Step 2: Enter the command to **auto-configure**

```
root@gateway:~# authconfig-tui
```

Step 3: Select use **LDAP** & use **LDAP authentication**



Step 4: Add **Binddn** & **bind password** to **/etc/nslcd.conf**

```
root@gateway:~# vi /etc/nslcd.conf
binddn cn=admin,dc=eztest,dc=net
bindpw chaSD@#234JH56hj^7
map passwd loginShell  "/usr/local/bin/ezsh"
```

Step 5: Enable **autocreate home directory** on login by the following command .

```
root@gateway:~# authconfig --enablemkhomedir --update
```

Step 6: Restart **nslcd** & **nscd** service.

```
root@gateway:~# service nslcd restart && service nscd restart
```

Note:

Ensure the login shell of the LDAP user is /usr/local/bin/ezsh

Step 7: Now **run the id/finger** command and see whether you are able to get **LDAP user details**

```
root@gateway:~# finger jake
Login: jake          Name: jake t
Directory: /home/jake      Shell: /usr/local/bin/ezsh
Last login Wed Jun 13 05:02 (EDT) on pts/1 from 10.1.1.13
No mail.
No Plan.
```

```
root@gateway:~# id jake
uid=1001(jake) gid=20001(domain users) groups=1547600513(domain users)
```

Step 8: Run an **ldapsearch to ensure** that results are correctly **fetched from the LDAP server.**

root@gateway:~# **ldapsearch -v -x -H ldap://10.11.1.164 -b "cn=jake j,cn=Users,dc=ad2016,dc=admod,dc=net" -D "cn=administrator,dc=ad2016,dc=admod,dc=net" -w redhat**

ldap_initialize(ldap://10.11.1.103:389/??base)
filter: (objectclass=*)
requesting: All userApplication attributes
extended LDIF
#
LDAPv3
base <cn=jake j,dc=ad2016,dc=admod,dc=net> with scope subtree
filter: (objectclass=*)
requesting: ALL
#

jake j, ad2016.admod.net
dn: cn=jake j,dc=ad2016,dc=admod,dc=net
cn: jake j
givenName: jake
gidNumber: 500
sn: j
objectClass: inetOrgPerson
objectClass: posixAccount
objectClass: top
userPassword:: e01ENX15VHpOZUxJSFpTZzBZaGF6c3ZjQjVnPT0=
uidNumber: 1001
uid: jake
homeDirectory: /home/jake
loginShell: /usr/local/bin/ezsh

search result
search: 2
result: 0 Success

numResponses: 2
numEntries: 1

Quotation content

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Assigning user groups for LDAP users?
Can we map the existing user group in LDAP to ezeelogin as the ezeelogin user group?

Online URL: https://www.ezeelogin.com/kb/article/how-do-i-configure-ezeelogin-to-authenticate-using-openldap-40;pam-ldap-41;-in-centos-185.html