

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

185 Manu Chacko October 7, 2024 [Tweaks & Configuration](#) 14174

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.

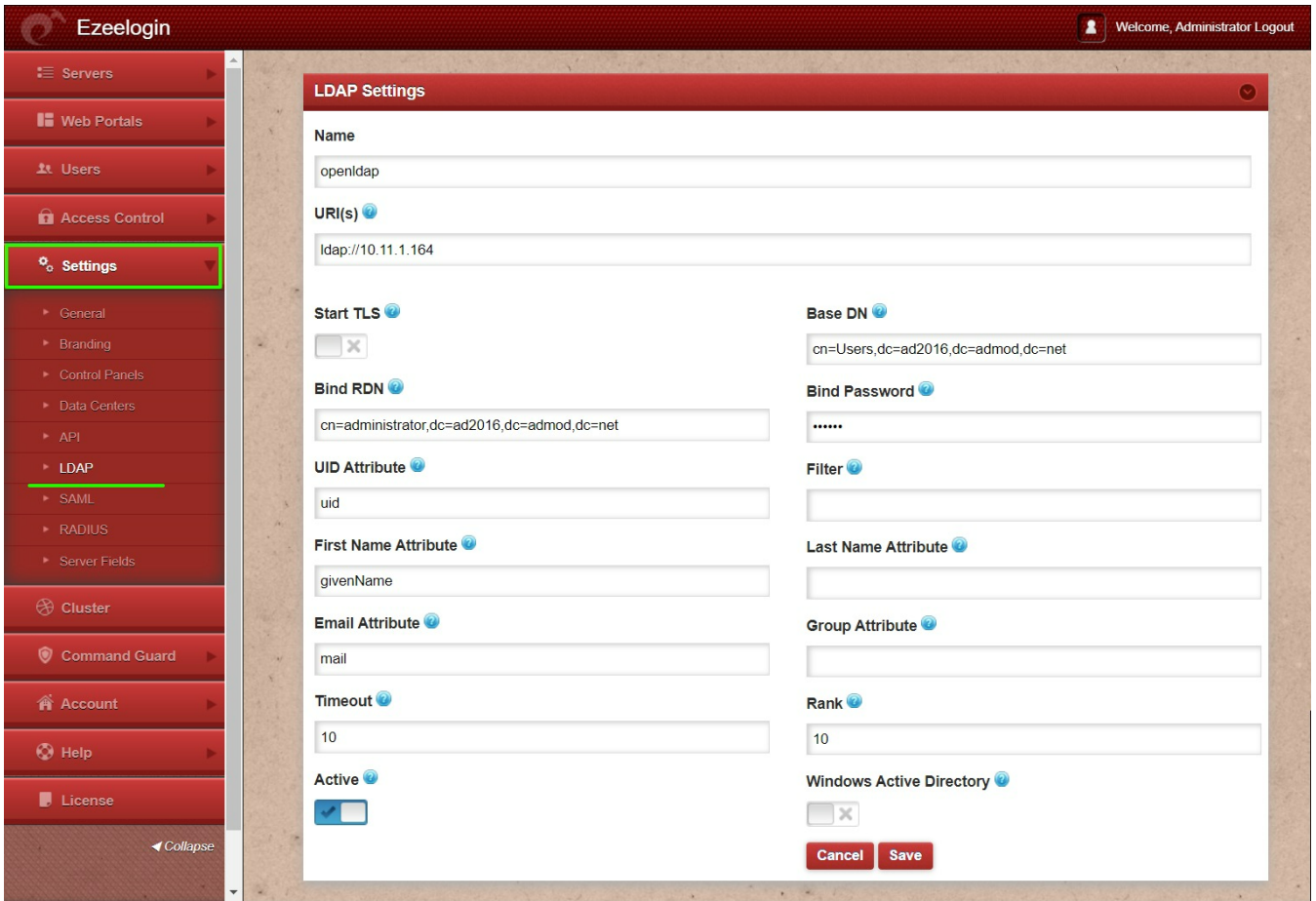
Note:

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

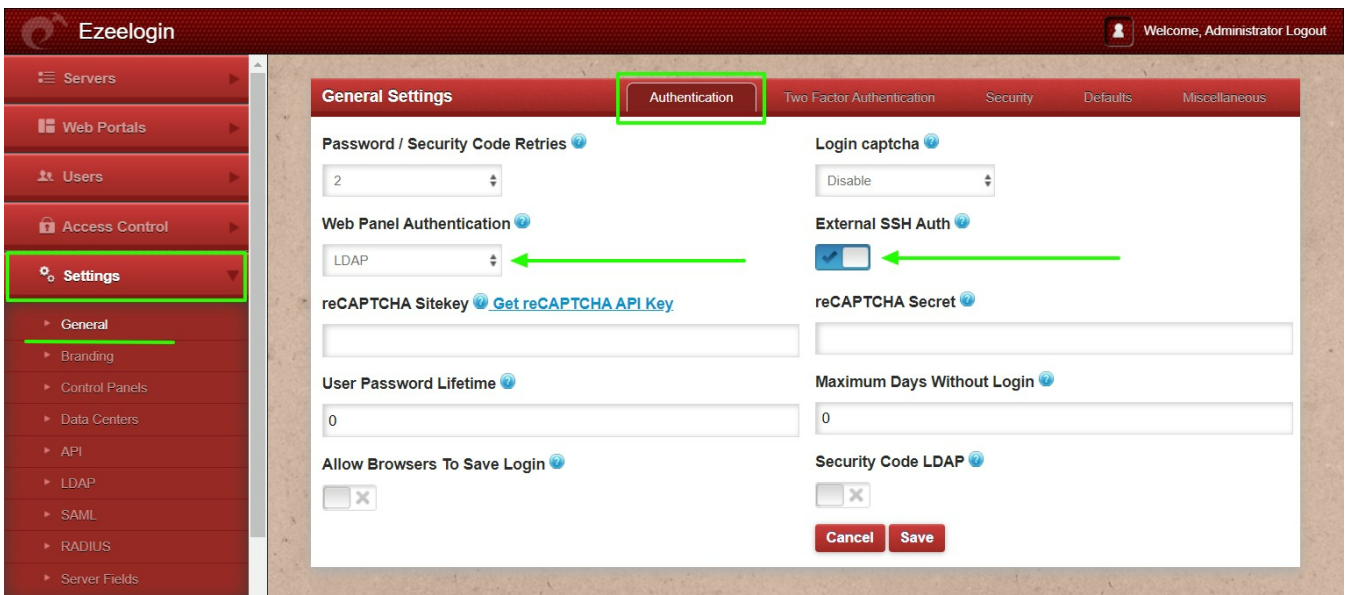
```
root@gateway:~# yum install php-ldap openldap openldap-clients ;apachectl restart
```

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

Add the details of LDAP configurations



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

The screenshot shows the Ezeelogin web interface. On the left is a navigation menu with 'Users' highlighted. The main content area has two sections: 'Users in LDAP' and 'Users not in LDAP'. The 'Users in LDAP' section contains a table with the following data:

<input type="checkbox"/>	Username ↓	First Name	Last Name	Email	Status	User Group	LDAP	Notes
<input type="checkbox"/>	alex	alex			New	Dummy	openldap	
<input checked="" type="checkbox"/>	jake	jake			New	Dummy	openldap	
<input type="checkbox"/>	john	john			New	Dummy	openldap	

The 'Users not in LDAP' section shows an empty table with the message 'No item'.

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

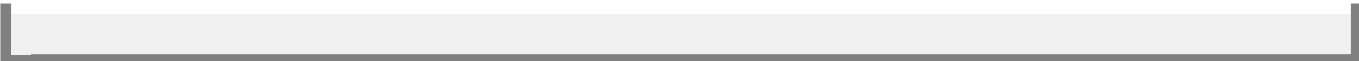
Note: After importing the users to Ezeelogin, log in with the user and set up the security code for the user under Account -> Password -> New Security Code.

Let's configure PAM_LDAP Authentication for SSH

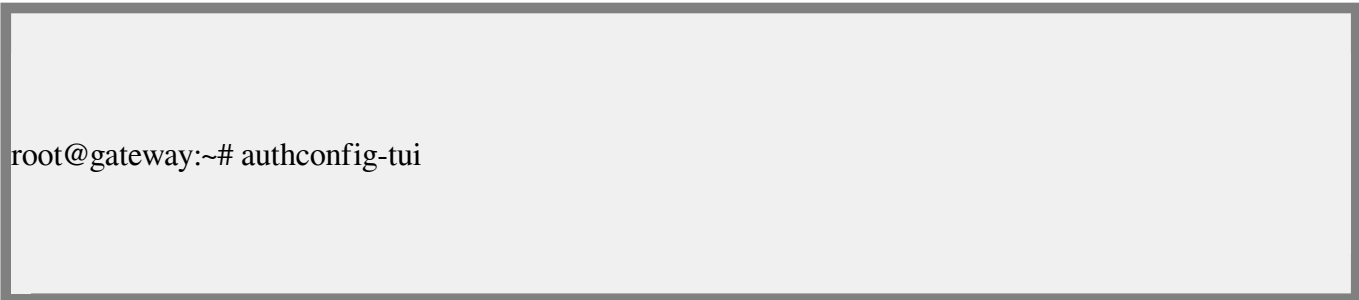
Login to the Ezeelogin ssh server to configure pam-LDAP

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

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



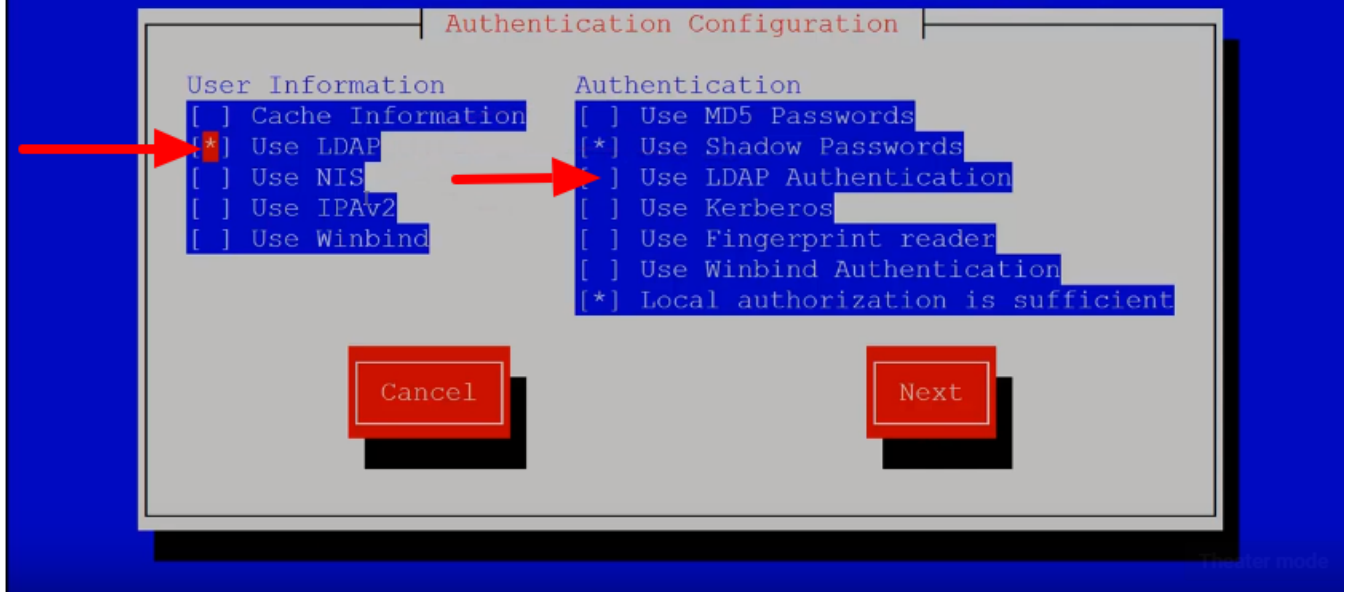
Step 2: Enter the command to **auto-configure**



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

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

authconfig-tui - (c) 1999-2005 Red Hat, Inc.



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

```
root@gateway:~# vi /etc/nslcd.conf
```

```
binddn cn=admin,dc=eptest,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
```

Related Articles:

[How to configure Ezeelogin to authenticate using Open Ldap\(Pam-Ldap\) in Ubuntu](#)

[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>