

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.

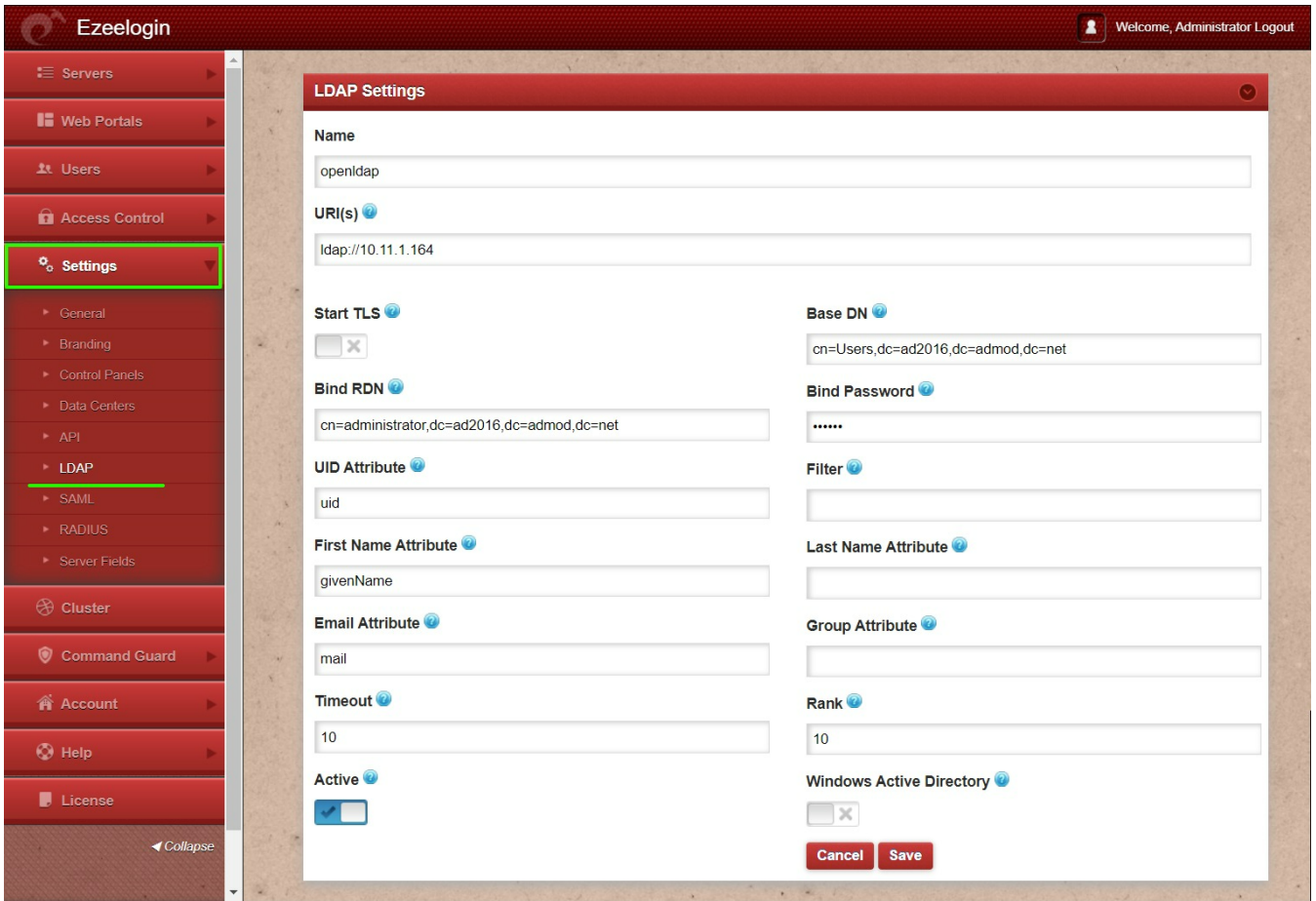
Note:

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

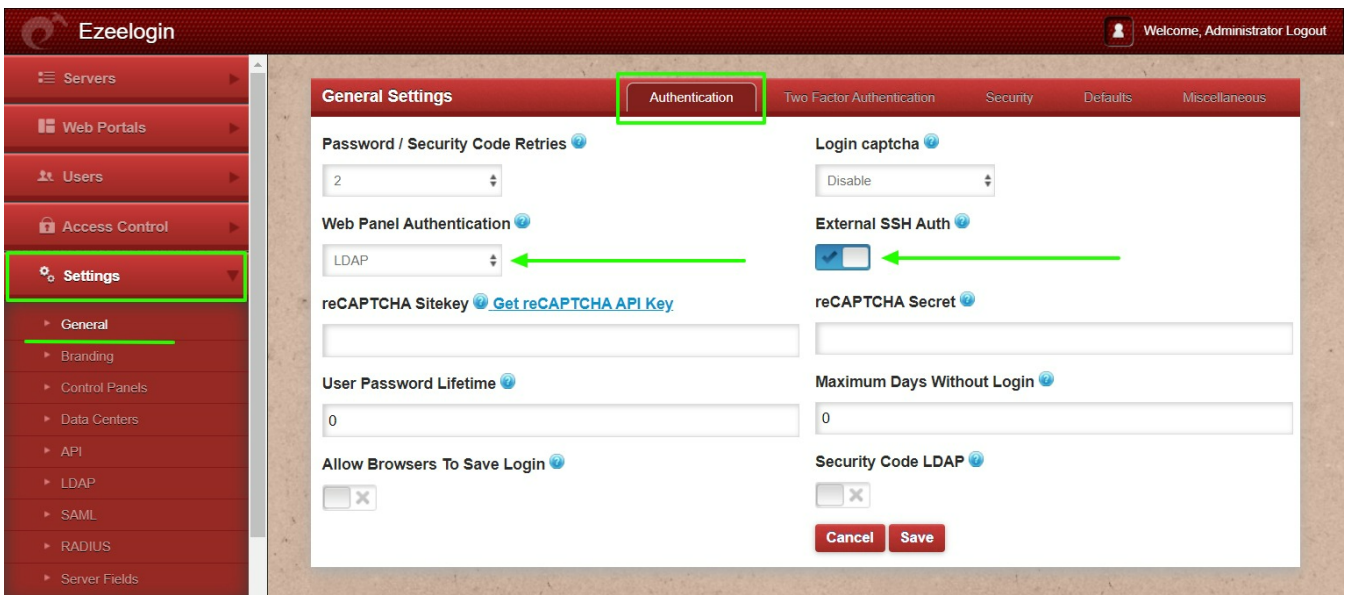
```
root@gateway:~# yum install php-ldap openldap openldap-clients ;apachectl restart
```

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, a navigation menu has 'Users' highlighted with a green box. The main content area is divided into two sections: 'Users in LDAP' and 'Users not in LDAP'. The 'Users in LDAP' section has a search bar and a dropdown menu set to 'All'. Below it is a table with columns: Username, First Name, Last Name, Email, Status, User Group, LDAP, and Notes. Three users are listed: alex, jake, and john. The 'jake' row is selected with a blue checkbox. The 'Users not in LDAP' section also has a search bar and a dropdown menu set to 'All', but it shows 'No item'.

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	

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
```



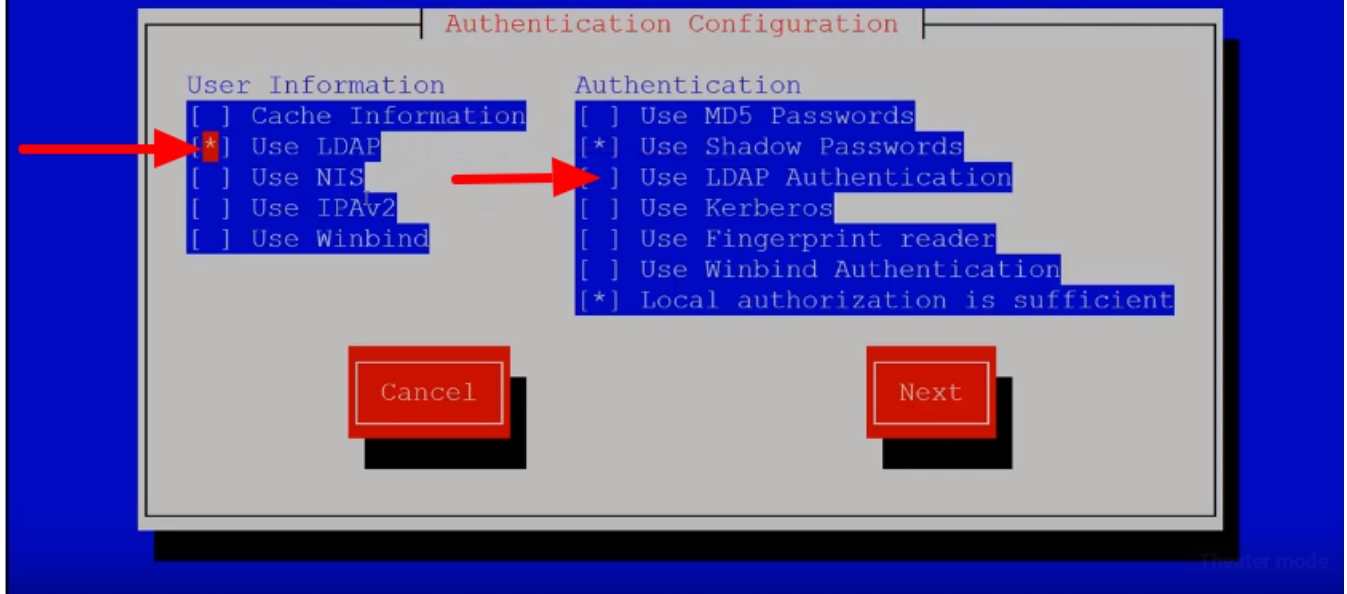
Step 2: Enter the command to **auto-configure**



```
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=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
```

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>