

# How do I configure Ezeelogin to authenticate using OpenLdap or Window AD server?

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## Configuring Ezeelogin for authenticating with OpenLDAP or Windows AD server

**Overview:** This article explains how to set up Ezeelogin to authenticate with OpenLDAP or Windows AD servers. It covers the use of the autcreate feature to automatically create system users, outlines the steps for integrating OpenLDAP and Windows AD, and details the process of importing LDAP users into Ezeelogin for secure authentication, all while preserving existing directory attributes.

while using autcreate feature, the backend SSH authentication would not be using PAM-LDAP, instead, it would create a system user on the server and uses system authentication for the backend access. The advantage of using the autcreate feature is that it eliminates the need to configure LDAP for SSH or modify your existing Active Directory or OpenLDAP attributes.

Do read more about the drawbacks, since the ssh authentication would not be via LDAP, [here](#)

### 1. Install PHP-LDAP extension on the gateway server.

**Step 1(A):** For ubuntu 14.X, 16.x, 18.x, 20.x, 22.x. Replace the PHP version in the below command

```
root@gateway:~# apt-get install phpx.x-ldap  
  
eg: :~# apt-get install php8.2-ldap  
  
:~# systemctl restart apache2
```

**Step 1(B):** For Centos 6 , 7, 8

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

### 2. Integration of OpenLdap in ezeelogin jumpserver (Import openldap user to Ezeelogin jumpserver)

**Step 2(A):** Login to Web-GUI -> open settings -> LDAP

[How to find base DN and bind RDN from Windows server](#)

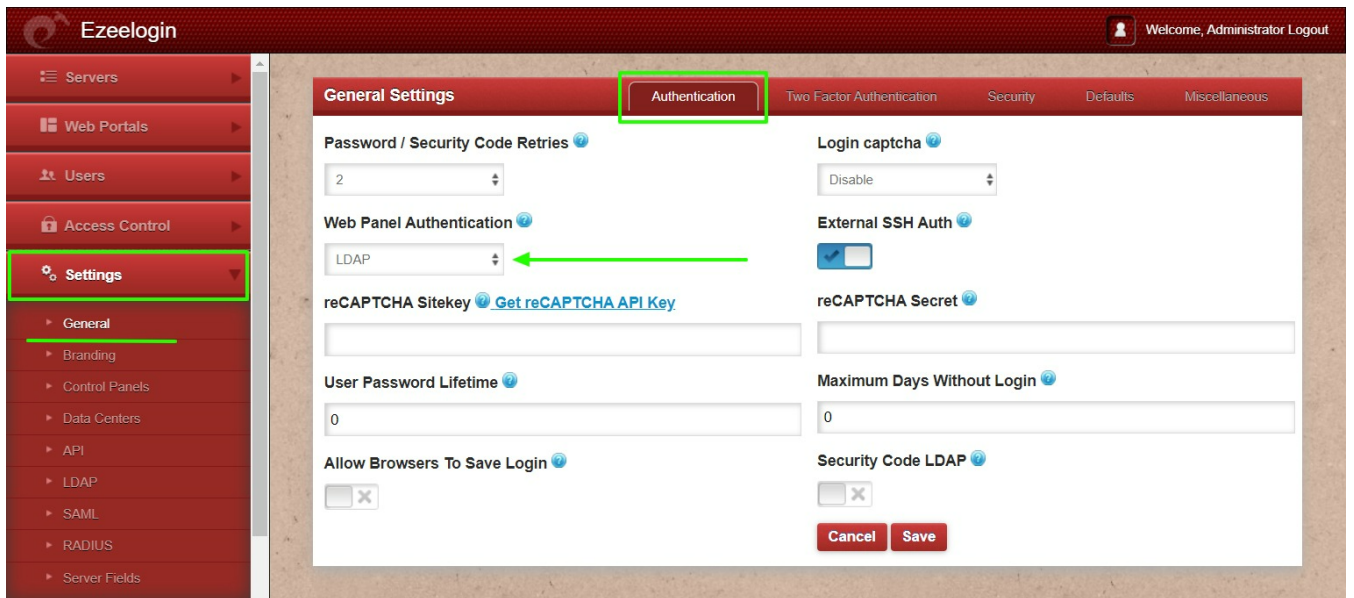
**Step 2(B):** Add the details of LDAP configurations. Refer below screenshot

The screenshot shows the Ezeelogin Web-GUI interface. On the left is a red sidebar menu with options: Servers, Web Portals, Users, Access Control, Settings (highlighted with a green box), General, Branding, Control Panels, Data Centers, API, LDAP (highlighted with a green line), SAML, RADIUS, Server Fields, Cluster, Command Guard, Account, Help, and License. A 'Collapse' button is at the bottom of the sidebar. The main content area is titled 'LDAP Settings' and contains the following fields:

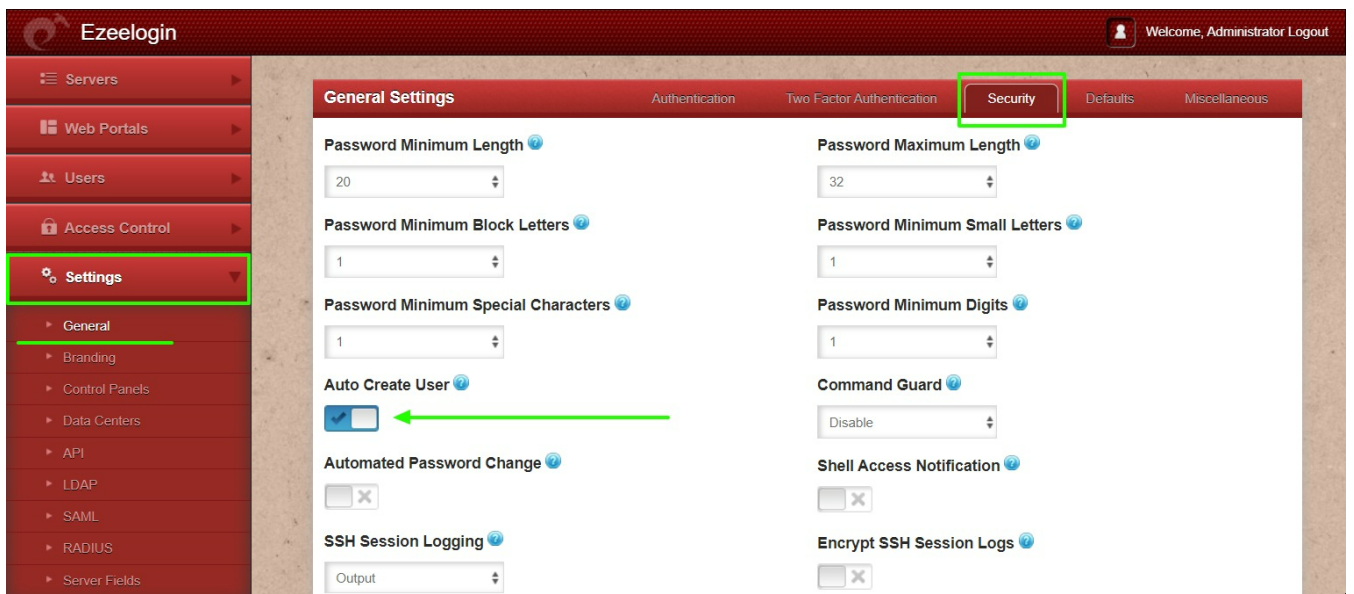
- Name:** openldap
- URI(s):** ldap://10.11.1.164
- Start TLS:** ☐
- Bind RDN:** cn=Administrator,cn=users,dc=ad2016,dc=admod,dc=net
- UID Attribute:** sAMAccountName
- First Name Attribute:** givenName
- Email Attribute:** mail
- Timeout:** 10
- Active:** ☒
- Base DN:** cn=users,dc=ad2016,dc=admod,dc=net
- Bind Password:** \*\*\*\*\*
- Filter:**
- Last Name Attribute:**
- Group Attribute:**
- Rank:** 10
- Windows Active Directory:** ☒

At the bottom right of the form are 'Cancel' and 'Save' buttons.

**Step 2(C):** Open Settings -> General Settings -> Authentication -> Change webpanel authentication to LDAP



**Step 2(D):** Open Settings -> General settings -> Security -> Enable Auto Create User



**Step 2(E):** Navigate to Users -> LDAP and select the LDAP users and **import** them to Ezeelogin.

**Ezeelogin** Welcome, Administrator Logout

**Users**

**Users in LDAP** find... All Import/Update selected

<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	

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**Users not in LDAP** find... All

Username ↓	First Name	Last Name	Email	Status	User Group	Actions
No item						

**Step 2(F):** You can confirm the imported LDAP users were listed in the **Users** tab.

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**.

### 3. Integration of Windows AD in Ezeelogin(Import Windows AD user to jump server)

**How to find base DN and bind RDN**

**Step 3(A):** Login to Web-GUI navigate to **settings** -> **LDAP**

**Step 3(B):** Add the details of LDAP configurations & enable the **WINDOWS ACTIVE DIRECTORY**.

**Ezeelogin** Welcome, Administrator Logout

**LDAP Settings**

Name: openldap

URI(s): ldap://10.11.1.164

Start TLS: ☐

Base DN: cn=users,dc=ad2016,dc=admod,dc=net

Bind RDN: cn=Administrator,cn=users,dc=ad2016,dc=admod,dc=net

Bind Password: .....

UID Attribute: sAMAccountName

Filter:

First Name Attribute: givenName

Last Name Attribute:

Email Attribute: mail

Group Attribute:

Timeout: 10

Rank: 10

Active: ☒

Windows Active Directory: ☒

Cancel Save

**Step 3(C):** Open **Settings** -> **General** -> **Authentication** -> change webpanel authentication to LDAP

**Ezeelogin** Welcome, Administrator Logout

**Authentication**

General Settings Two Factor Authentication Security Defaults Miscellaneous

Password / Security Code Retries: 2

Login captcha: Disable

Web Panel Authentication: LDAP

External SSH Auth: ☒

reCAPTCHA Sitekey: [Get reCAPTCHA API Key](#)

reCAPTCHA Secret:

User Password Lifetime: 0

Maximum Days Without Login: 0

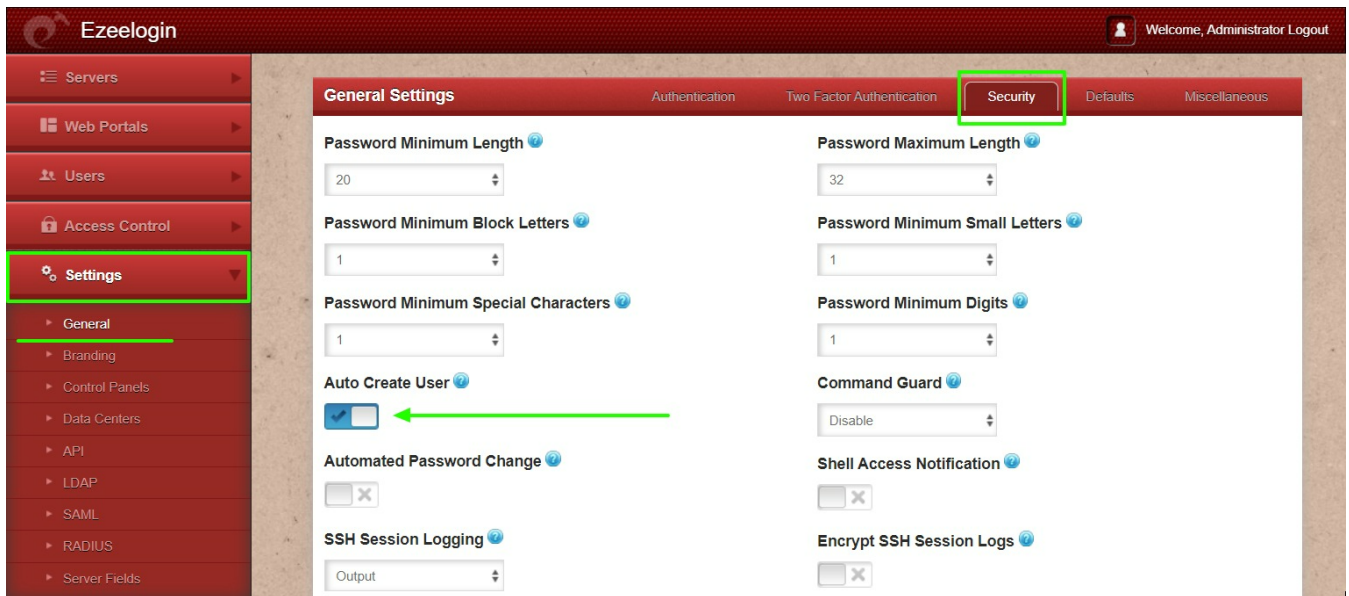
Allow Browsers To Save Login: ☐

Security Code LDAP: ☐

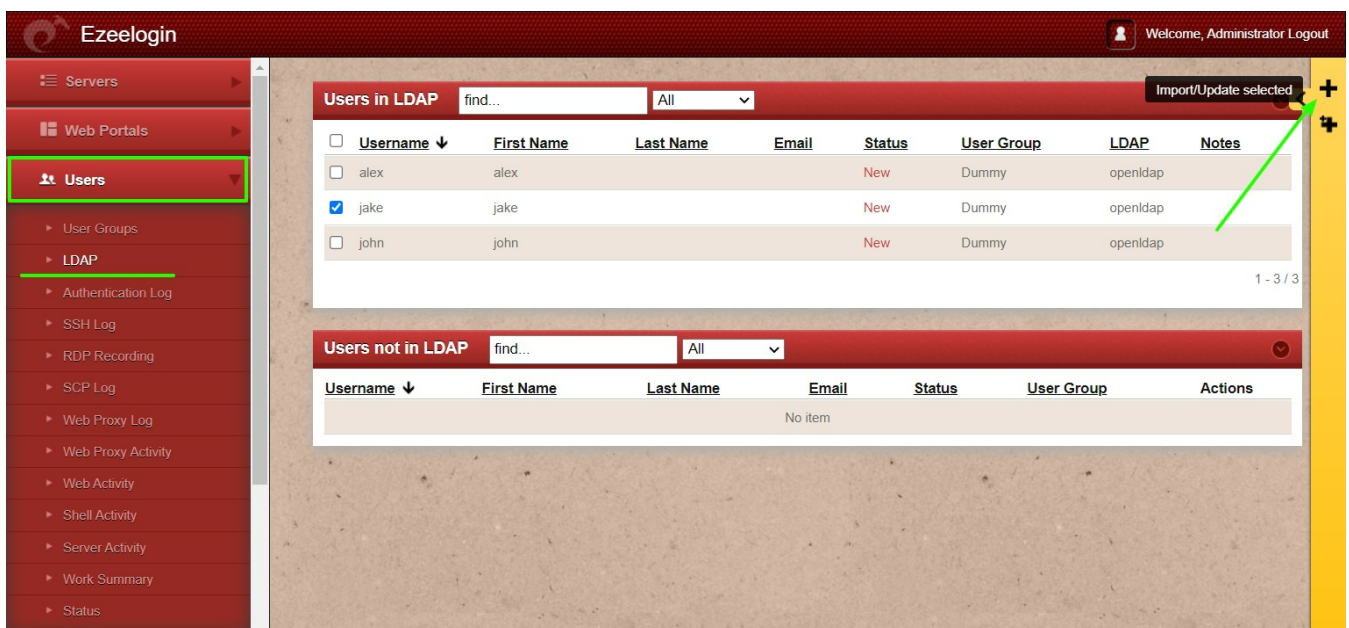
Cancel Save

**Step 3(D):** Open **Settings** -> **General** -> **Security** -> enable Auto Create User





**Step 3(E):** Navigate to **Users -> LDAP** and select the LDAP users and **import** them to Ezeelogin.



When importing an LDAP user, they will be assigned to the default group or the mapped user group. After the import, if we change the LDAP user to another user group, we will receive a note saying "**Group Mismatch.**" This is not an error.

The screenshot shows the Ezeelogin web interface. On the left, a sidebar contains navigation options: Servers, Web Portals, Users (highlighted), LDAP, Authentication Log, SSH Log, RDP Recording, SCP Log, Web Proxy Log, Web Proxy Activity, Web Activity, Shell Activity, Server Activity, Work Summary, Status, Access Control, and Settings. The main content area displays two tables. The top table, 'Users in LDAP', has a search bar and a dropdown menu set to 'All'. It contains three rows of user data, each with a checkbox, Username, First Name, Last Name, Email, Status, User Group, LDAP, and Notes. The bottom table, 'Users not in LDAP', also has a search bar and a dropdown menu set to 'All', and it shows 'No item'.

Username	First Name	Last Name	Email	Status	User Group	LDAP	Notes
ss	Alice			New	groupldap	ldap1	
achristy	Anu			Exists	groupldap	ldap1	Group mismatch
Eayo				New	groupldap	ldap1	

Username	First Name	Last Name	Email	Status	User Group	Actions
No item						

**Step 3(F):** You can confirm the imported LDAP users were listed in the **Users** tab.

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

## Related Articles:

[Configure Ezeelogin to authenticate using Windows\\_AD\(Pam-Ldap\) in Ubuntu](#)

[How do I configure Ezeelogin to authenticate using Windows\\_AD\(Pam-LDAP\) in CentOS](#)

[How do I configure Ezeelogin to authenticate using OpenLdap\(Pam-Ldap\) in CentOS](#)

[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?](#)

[Add AD as LDAP with non-administrator user](#)

Online URL:

<https://www.ezeelogin.com/kb/article/how-do-i-configure-ezeelogin-to-authenticate-using-openldap-or->

[window-ad-server-178.html](http://window-ad-server-178.html)