# 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 autocreate 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 autocreate 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 autocreate 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 php**8.2**-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 openIdap 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

Ezeelogin		Welcome, Administrator Logout
:≣ Servers ►	LDAP Settings	
🖬 Web Portals	Name	
tt Users ►	openIdap	
Access Control	URI(s) 🐵	
⁰₀ Settings ▼	ldap://10.11.1.164	
► General	Start TLS 🕢	Base DN 🥹
► Branding	×	cn=users,dc=ad2016,dc=admod,dc=net
<ul> <li>Control Panels</li> </ul>	Bind RDN @	Bind Password
► Data Centers		
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► LDAP	UID Attribute @	Filter 🕜
► SAML	sAMAccountName	
► RADIUS	First Name Attribute 🐵	Last Name Attribute @
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**Step 2(C):** Open **Settings** -> **General Settings** -> **Authentication** -> **Change webpanel authentication to LDAP** 

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

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	Password Minimum Special Characters @	Password Minimum Digits 💿
Branding	1 \$	1 \$
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<ul> <li>Data Centers</li> </ul>		Disable \$
► API	Automated Password Change @	Shell Access Notification
► LDAP		
► SAML		
► RADIUS	SSH Session Logging 🖤	Encrypt SSH Session Logs 🥝
Server Fields	Output 🗘	×

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

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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**.

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🖬 Web Portais	Name	
tt Users ►	openIdap	
Access Control	URI(s) 🕡	
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RADIUS	First Name Attribute 🕢	Last Name Attribute @
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### Step 3(C): Open Settings -> General -> Authentication -> change webpanel authentication to LDAP

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

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▶ Data Centers		Disable 💠
► API	Automated Password Change 🕢	Shell Access Notification
► LDAP		
► SAML	3	
► RADIUS	SSH Session Logging 🥯	Encrypt SSH Session Logs @
<ul> <li>Server Fields</li> </ul>	Output 🗘	×

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

Ezeelogin							Velco	ome, Administrator
rvers	Users in LDAP	find	All				Imp	ort/Update selecte
b Portals 🔹 🕨	□ <u>Username</u> ↓	First Name	Last Name	<u>Email</u>	Status	User Group	LDAP	Notes
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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.

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<ul> <li>Authentication Log</li> </ul>								1 - 3 /
► SSH Log	Users not in LDAP fi	od						
<ul> <li>KDP Recording</li> <li>SCP Log</li> </ul>	Username 🗸	First Name	Last Name	Email	Status	User Group	Actions	
► Web Proxy Log				No item				
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Access Control								
⁰o Settings ►								

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-openIdap-or-

window-ad-server-178.html