

# How to create filters in Ezeelogin while using LDAP or AD authentication?

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How to create filters in Ezeelogin while using LDAP or Active Directory (AD) authentication? / Does Ezeelogin allow user authentication based on AD or LDAP groups?

You can add the filter in Ezeelogin by editing the LDAP or AD configuration under **Settings >> LDAP** . The following image shows the LDAP configuration page with a sample filter matching the user's inside the " Developers "group.

The screenshot displays the Ezeelogin web interface. On the left, a sidebar contains a 'Settings' menu item (highlighted with a green box) and a sub-menu 'LDAP' (also highlighted with a green box). The main content area is titled 'LDAP Settings'. It includes several configuration fields: 'Name' (AP-SERVER), 'URI(s)' (ldap://192.168.1.11), 'Start TLS' (unchecked), 'Base DN' (dc=Ezeelogin,dc=com), 'Bind RDN' (cn=Administrator,cn=Users,dc=Ezeelogin,dc=com), 'UID Attribute' (sAMAccountName), 'First Name Attribute', 'Bind Password' (masked), 'Filter' (containing '(memberOf= CN=Developers,DC=Ezeelogin,DC=com)' with a green arrow pointing to it), and 'Last Name Attribute'.

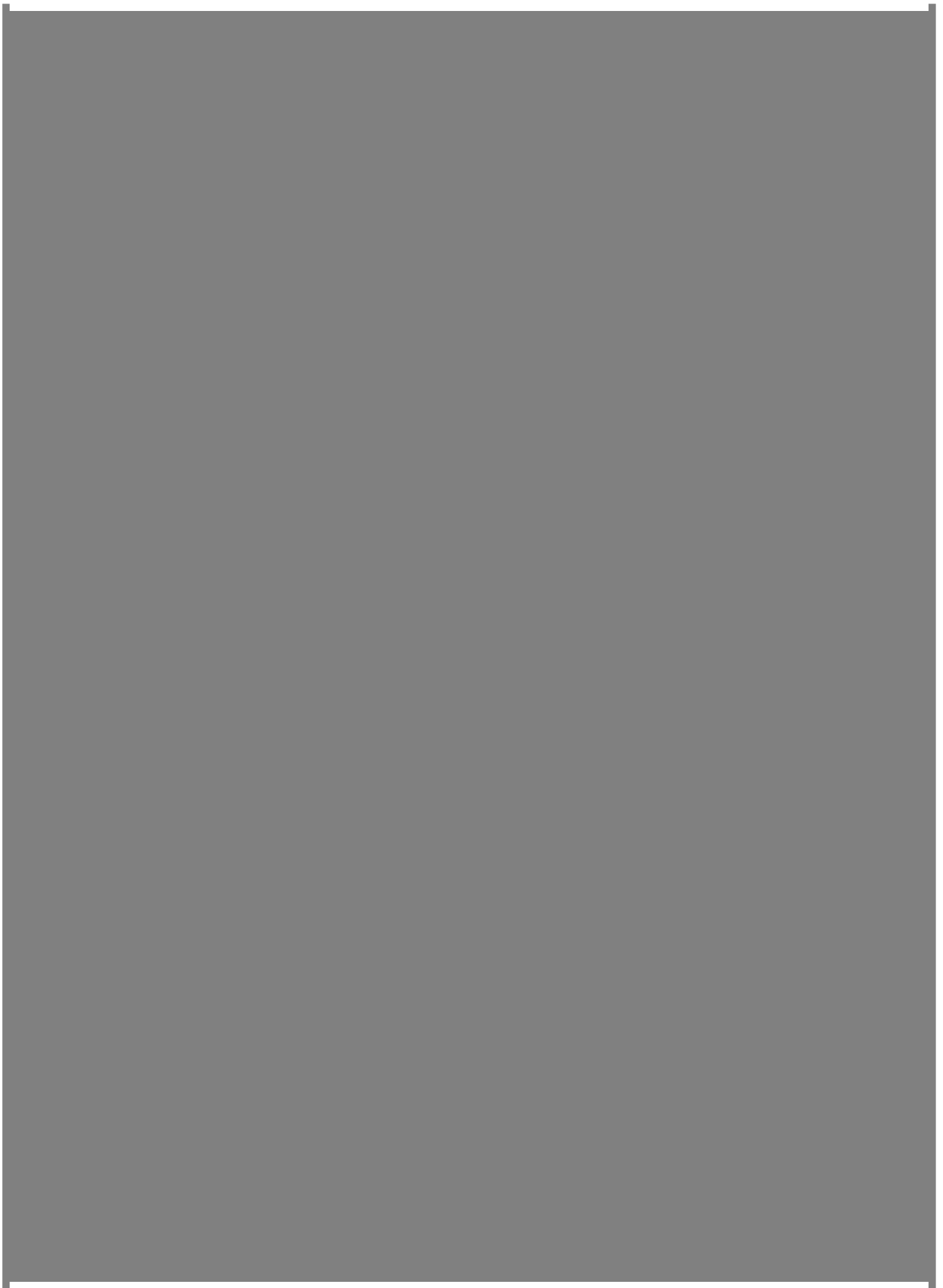
Run a **ldapsearch** command from your Ezeelogin gateway server to check the filter list of the correct users in the group. The syntax for the **ldapsearch** with filter is as follows.

An example for LDAP search for the above filter will be as follows.



The output of the above ldap search is shown below.







Note: After saving the filter, click on the **User>> LDAP** tab to list the users under the LDAP group.

### How to create a filter with more than one condition?

We can create filters with more than one condition by using certain operators like **&** , **|** , etc. For example, create a filter to list the users that are common in " **Developers** " and " **Sysadmins** " where **Irin** is a common user.

The syntax for the filter with the operators is as follows.



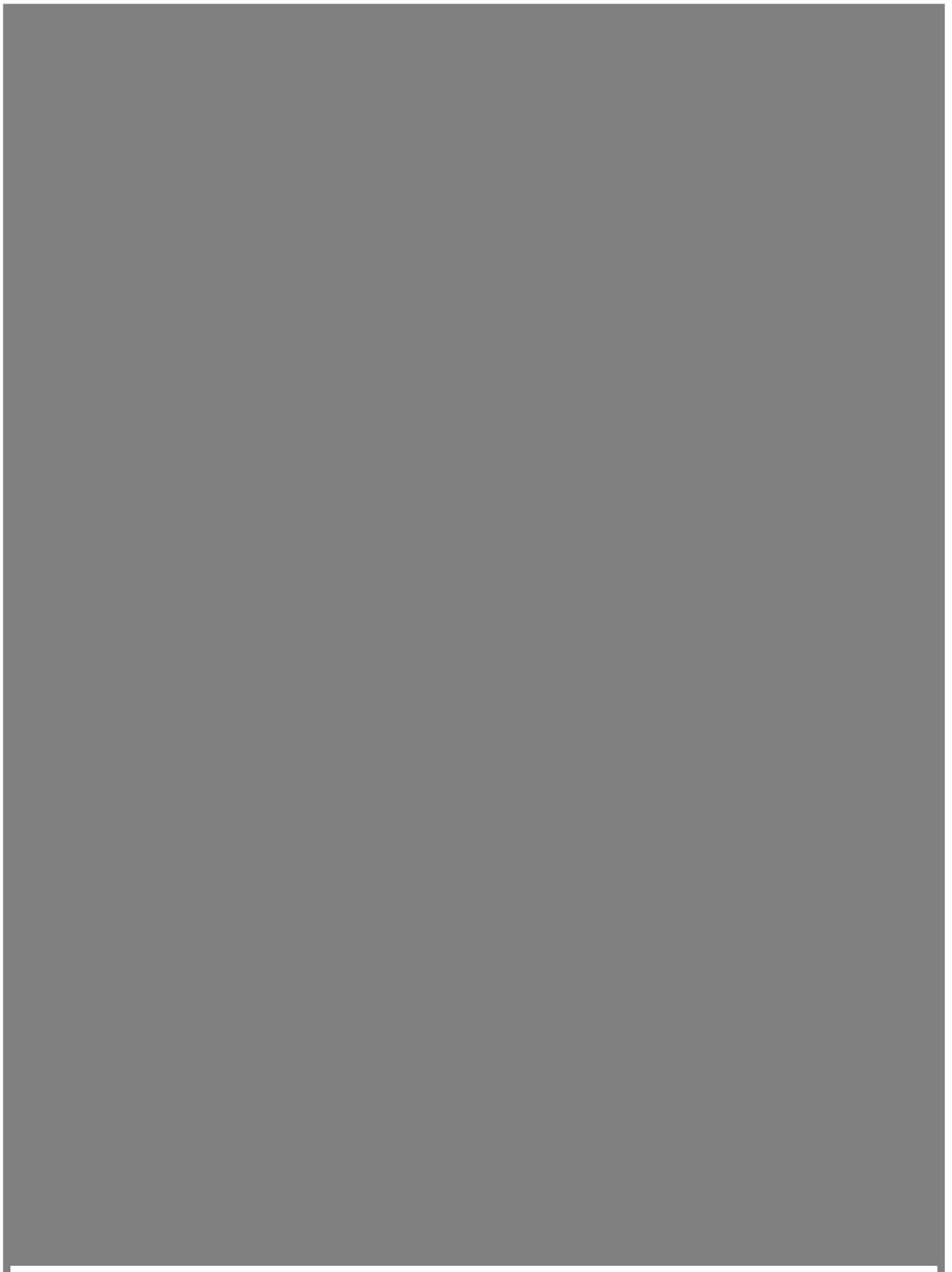
1.Ldap filter with "&" operator.

The following image shows an LDAP filter that lists common users from group " **Developers** "and " **Systemadmins** ".

Given below is the LDAP search for the above filter.



The output of the ldapsearch is as follows.





2. Filter with " | " operator.

The following image shows a filter to list all users in groups " **Developers**" and " **Sysadmins**".

**Ezeelogin** Welcome, Administrator Logout

**Settings**

- General
- Branding
- Control Panels
- Data Centers
- API
- LDAP**
- SAML
- RADIUS
- Server Fields

**LDAP Settings**

**Name**  
AD-SERVER

**URI(s)**  
ldap://192.168.1.11

**Start TLS**  
☐

**Bind RDN**  
cn=Administrator,cn=Users,dc=Ezeelogin,dc=com

**UID Attribute**  
sAMAccountName

**First Name Attribute**  
givenName

**Base DN**  
dc=Ezeelogin,dc=com

**Bind Password**  
.....

**Filter**  
(&(memberOf= CN=Developers,DC=Ezeelogin,DC=com)(memberOf= CN=Sysadmins,DC=Ezeelogin,DC=com))

**Last Name Attribute**  
sn

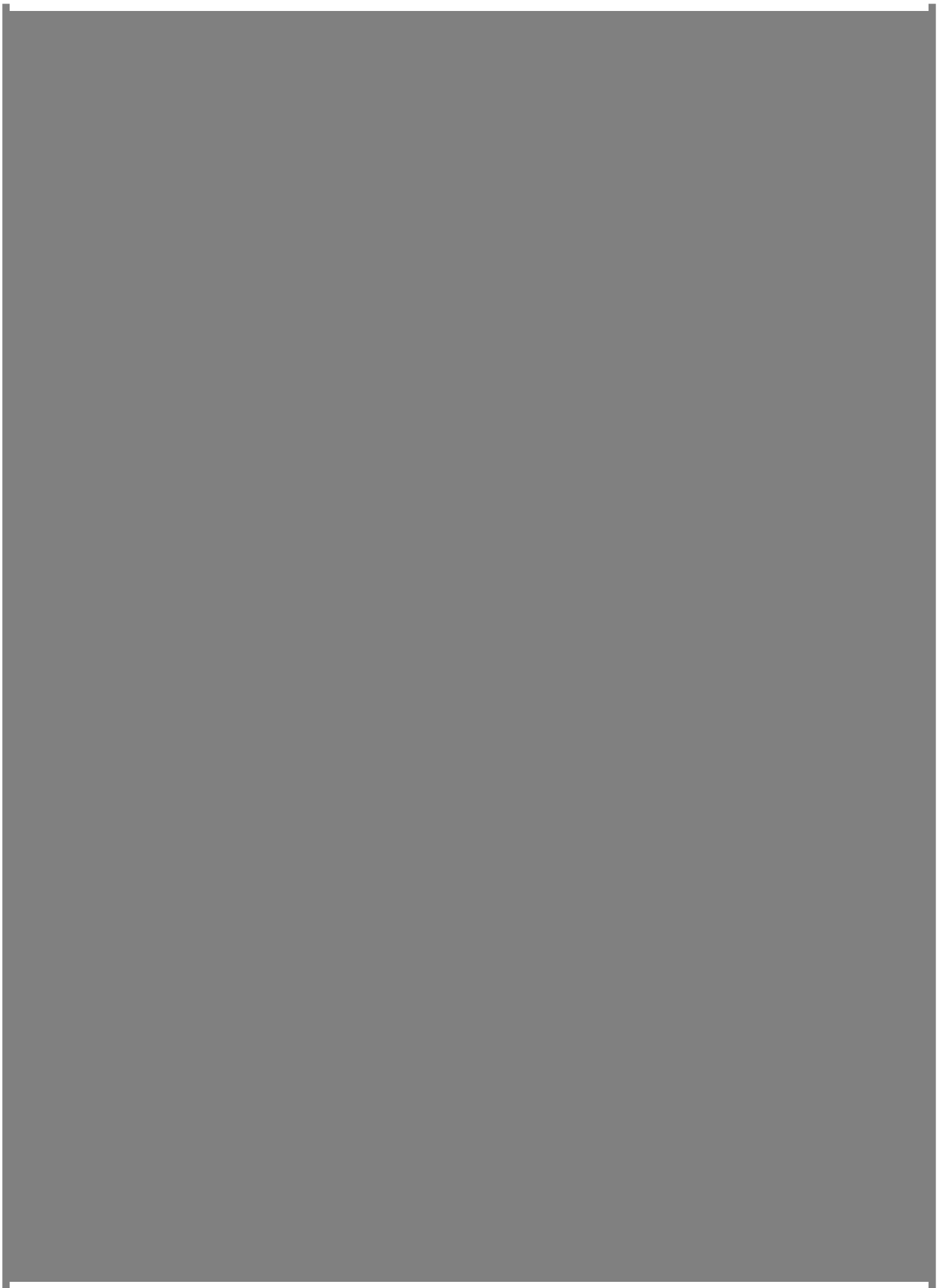
LDAP search command to list all users under two groups "Developers" and " Sysadmin" is as follows.

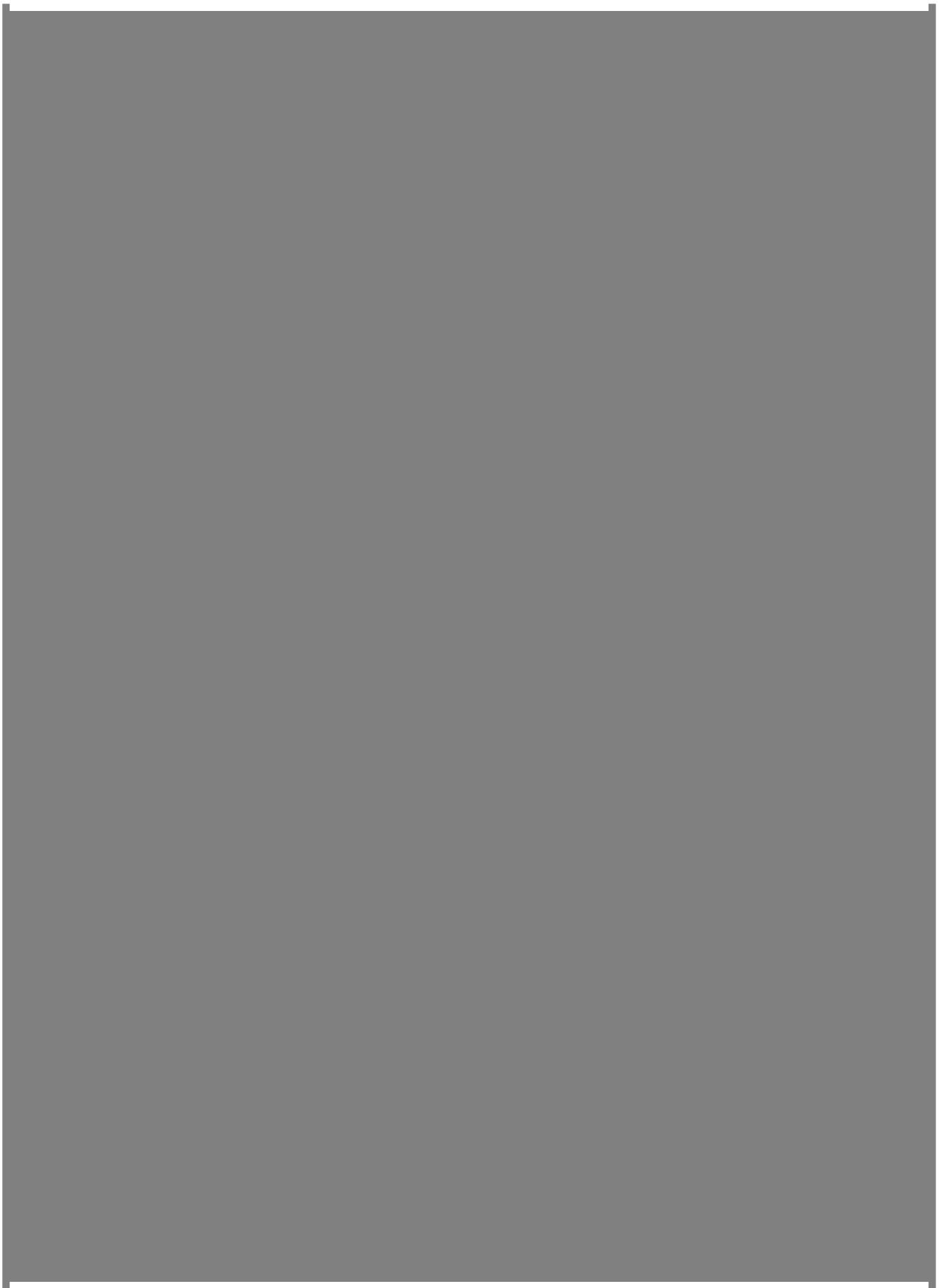


The output of the above ldapsearch command is shown below.











Online URL:

<https://www.ezeelogin.com/kb/article/how-to-create-filters-in-ezeelogin-while-using-ldap-or-ad-authentication-381.html>