

LDAP Filters for Active Directory Users

How to add LDAP Filters for Active Directory Users in Ezeelogin

Overview: This article explains how to use LDAP filters in Ezeelogin to manage users based on their group memberships in Active Directory (AD). The examples are built using AD structure with the **groups windows AD** and **Developers AD**.

Example Environment details:

Base DN: OU=develop,DC=ezldap,DC=com
All users are stored inside this Organizational Unit (OU).
Groups in this OU:

- 1.windows AD**
DN: CN=windows AD,OU=develop,DC=ezldap,DC=com
Example member: CN=Joy,OU=develop,DC=ezldap,DC=com

- 2.Developers AD**
DN: CN=Developers AD,OU=develop,DC=ezldap,DC=com
Understanding LDAP Filters: LDAP filters are queries that find users or other directory entries based on their attributes —like group membership.

- Operators:**
- & (AND): Matches if all conditions are true
 - | (OR): Matches if at least one condition is true
 - ! (NOT): Matches if the condition is false

Example 1: Find users in OU=develop who are in either "windows AD" OR "Developers AD"

Explanation: Finds users who belong to at least one of these two groups.
Use case:
All users who have access to a particular service or resource can be listed as follows.

LDAP Filter:
((!(memberOf=CN=windows AD,OU=develop,DC=ezldap,DC=com)(memberOf=CN=Developers AD,OU=develop,DC=ezldap,DC=com))

Ezeelogin

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LDAP Settings

Name

windows AD

URI(s)

ldap://192.168.1.18

Start TLS

Base DN

OU=develop,DC=ezldap,DC=com

Bind RDN

CN=Administrator,CN=Users,DC=ezldap,DC=com

Bind Password

Filter

((!(memberOf=CN=windows AD,OU=develop,DC=ezldap,DC=com)(memberOf=CN=Developers AD,OU=develop,DC=ezldap,DC=com))

UID Attribute

sAMAccountName

Last Name Attribute

First Name Attribute

givenName

Group Attribute

memberOf

Email Attribute

mail

Timeout

10

Rank

10

Active

Windows Active Directory

Verify Certificate

Cancel Save

Ezeelogin Welcome, Administrator Logout

Servers Web Portals **Users**

- User Groups
- LDAP**
- Authentication Log
- SSH Log
- RDP Recording

Users in LDAP find... All

☐	Username ↓	First Name	Last Name	Email	Status	User Group	LDAP	Notes
☐	AlexGlobal	AlexGlobal			New	Developers AD	windows AD	
☐	Gerald	Gerald			New	windows AD	windows AD	
☐	Gladwin	Gladwin			New	windows AD	windows AD	
☐	Renaud	Renaud			New	Developers AD	windows AD	
☐	Ronaldo	Ronaldo			New	Developers AD	windows AD	

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→ Retrieves users in develop OU who are members of one or both groups.

Example 2: Find users in OU=develop who are in BOTH "windows AD" AND "Developers AD"

LDAP Filter:

(&(memberOf=CN=windows AD,OU=develop,DC=eldap,DC=com)
(memberOf=CN=Developers AD,OU=develop,DC=eldap,DC=com))

Explanation:

Finds users who are members of both groups at the same time.

Use case:

In cases where users require permissions in both systems.

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Users Access Control **Settings**

- General
- Branding
- Control Panels
- Data Centers
- API
- LDAP**
- SAML
- OpenID Connect
- FIDO2
- RADIUS
- SIEM
- Server Fields

LDAP Settings

Name: windows AD

URI(s): ldap://192.168.1.18

Start TLS: ☐

Base DN: OU=develop,DC=eldap,DC=com

Bind RDN: CN=Administrator,CN=Users,DC=eldap,DC=com

Bind Password:

UID Attribute: sAMAccountName

Filter: (&(memberOf=CN=windows AD,OU=develop,DC=eldap,DC=com)(memberOf=C

First Name Attribute: givenName

Last Name Attribute:

Email Attribute: mail

Group Attribute: memberOf

Timeout: 10

Rank: 10

Active: ☒

Windows Active Directory: ☒

Verify Certificate: ☐

Cancel Save

Ezeelogin Welcome, Administrator Logout

Users **LDAP**

- User Groups
- LDAP**
- Authentication Log
- SSH Log
- RDP Recording

Users in LDAP find... All

☐	Username ↓	First Name	Last Name	Email	Status	User Group	LDAP	Notes
☐	Gladwin	Gladwin			New	Developers AD	windows AD	

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→ Retrieves users who are members of both groups.

Example 3: Find users in OU=develop who are NOT in "Developers AD"

LDAP Filter:

(!(memberOf=CN=Developers AD,OU=develop,DC=eldap,DC=com))

Explanation:
Finds users who are in 'develop' but not part of 'Developers AD'.

Use case: If you want to exclude certain users from access or permissions.

Ezeelogin Welcome, Administrator Logout

LDAP Settings

Name: windows AD

URI(s): ldap://192.168.1.18

Start TLS: ☐

Base DN: OU=develop,DC=ezeelogin,DC=com

Bind RDN: CN=Administrator,CN=Users,DC=ezeelogin,DC=com

Bind Password:

UID Attribute: sAMAccountName

Filter: (!(memberOf=CN=Developers AD,OU=develop,DC=ezeelogin,DC=com))

First Name Attribute: givenName

Last Name Attribute:

Email Attribute: mail

Group Attribute: memberOf

Active: ☒

Windows Active Directory: ☒

Verify Certificate: ☐

Cancel Save

Ezeelogin Welcome, Administrator Logout

Users in LDAP find... All

☐	Username ↓	First Name	Last Name	Email	Status	User Group	LDAP	Notes
☐	Developers AD				New	Dummy	windows AD	
☐	Gerald	Gerald			New	windows AD	windows AD	
☐	windows AD				New	Dummy	windows AD	

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→ Retrieves users in develop OU that are not members of this group.

Example 4: Find users in OU=develop who are in "windows AD" but NOT in "Developers AD"
LDAP Filter:

(&(memberOf=CN=windows AD,OU=develop,DC=ezeelogin,DC=com)(!(memberOf=CN=Developers AD,OU=develop,DC=ezeelogin,DC=com)))

Explanation:
Finds users who are in 'windows AD' but not part of 'Developers AD'.

Use case:
Access can be restricted to members of one group while explicitly excluding those who are also part of another group.

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LDAP Settings

Name: windows AD

URI(s): ldap://192.168.1.18

Start TLS: ☐

Bind RDN: CN=Administrator,CN=Users,DC=ezeelogin,DC=com

Base DN: OU=develop,DC=ezeelogin,DC=com

Bind Password:

Filter: (& (memberOf=CN=windows AD,OU=develop,DC=ezeelogin,DC=com) (!(memb...

First Name Attribute: givenName

Last Name Attribute:

Email Attribute: mail

Group Attribute: memberOf

Test Connection

Ezeelogin | Welcome, Administrator Logout

Users in LDAP find... All

☐	Username ↓	First Name	Last Name	Email	Status	User Group	LDAP	Notes
☐	Gerald	Gerald			New	windows AD	windows AD	

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→ Retrieves users in develop OU who are members of the first group and not in the second.

Applying the filters in Ezeelogin:

1. Go to Users → LDAP in the Ezeelogin admin interface.
2. Set Base DN as: OU=develop,DC=ezeelogin,DC=com
3. Paste one of the filters in the LDAP Filter section.
4. Save and click Test Connection.
5. Check Users in LDAP to see the result.
6. Import users as needed.

Key takeaways:

- ✓ Filter users based on group membership using &, |, and !.
- ✓ Use the full DN of the group inside memberOf.
- ✓ Filters can be combined for complex queries.
- ✓ Ezeelogin allows to view and manage users based on these LDAP filters in real-time.

List Enabled User Accounts (LDAP filter for enabled accounts):

(&(objectClass=user)!(userAccountControl:1.2.840.113556.1.4.803:=2)))

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Access Control

Settings

- General
- Branding
- Control Panels
- Data Centers
- API
- LDAP**
- SAML
- OpenID Connect
- FIDO2
- RADIUS
- SIEM
- Server Fields

Cluster

Command Guard

LDAP Settings

Name
windows AD

URI(s)
ldap://192.168.1.18

Start TLS
☐

Bind RDN
CN=Administrator,CN=Users,DC=ezldap,DC=com

UID Attribute
sAMAccountName

First Name Attribute
givenName

Email Attribute
mail

Base DN
OU=develop,DC=ezldap,DC=com

Bind Password
.....

Filter
(&(objectClass=user)(!(userAccountControl:1.2.840.113556.1.4.803:=2)))

Last Name Attribute

Group Attribute
memberOf

10

Active
☒

Verify Certificate
☐

Windows Active Directory
☒

Cancel Save

Ezeelogin Welcome, Administrator Logout

Web Portals

Users

- User Groups
- LDAP**
- Authentication Log
- SSH Log
- RDP Recording
- SCP Log
- Web Proxy Log

Users in LDAP

find... All

☐	Username ↓	First Name	Last Name	Email	Status	User Group	LDAP	Notes
☐	AlexGlobal	AlexGlobal			New	Developers AD	windows AD	
☐	Gladwin	Gladwin			New	Developers AD	windows AD	
☐	Renaud	Renaud			New	Developers AD	windows AD	
☐	Ronaldo	Ronaldo			New	Developers AD	windows AD	

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List Disabled accounts only:

Disabled accounts in AD have the **userAccountControl flag 514**.

(&(objectClass=user)(userAccountControl:1.2.840.113556.1.4.803:=514))

Username	First Name	Last Name	Email	Status	User Group	LDAP	Notes
Gerald	Gerald			New	windows AD	windows AD	

LDAP Search Command to List All Above Conditions of Filters

Example 1 — Users in "windows AD" OR "Developers AD"

```
root@gateway:~# ldapsearch -x -H ldap://192.168.1.18 -D "CN=Administrator,CN=Users,DC=eZldap,DC=com" -W -b "OU=develop,DC=eZldap,DC=com" "(&(|(memberOf=CN=windows AD,OU=develop,DC=eZldap,DC=com)(memberOf=CN=Developers AD,OU=develop,DC=eZldap,DC=com)))"
```

The output of the above ldapsearch command is shown below.

```
Enter LDAP Password:
# extended LDIF
#
# LDAPv3
# base <OU=develop,DC=eZldap,DC=com> with scope subtree
# filter: (&(|(memberOf=CN=windows AD,OU=develop,DC=eZldap,DC=com)(memberOf=CN=Developers AD,OU=develop,DC=eZldap,DC=com)))
# requesting: ALL
#
# AlexGlobal, develop, eZldap.com
dn: CN=AlexGlobal,OU=develop,DC=eZldap,DC=com
objectClass: top
objectClass: person
objectClass: organizationalPerson
```

objectClass: user
cn: AlexGlobal
givenName: AlexGlobal
distinguishedName: CN=AlexGlobal,OU=develop,DC=ezldap,DC=com
instanceType: 4
whenCreated: 20250924003755.0Z
whenChanged: 20250924003756.0Z
displayName: AlexGlobal
uSNCreated: 127036
memberOf: CN=Developers AD,OU=develop,DC=ezldap,DC=com
uSNChanged: 127041
name: AlexGlobal
objectGUID:: vZneTJfJJEmLyDEndhl9Lg==
userAccountControl: 66048
badPwdCount: 0
codePage: 0
countryCode: 0
badPasswordTime: 0
lastLogoff: 0
lastLogon: 0
pwdLastSet: 134031478759414308
primaryGroupID: 513
objectSid:: AQUAAAAAAAAUVAAYtIsHZqhFKFfZ06wXgYAAA==
accountExpires: 9223372036854775807
logonCount: 0
sAMAccountName: AlexGlobal
sAMAccountType: 805306368
userPrincipalName: AlexGlobal@ezldap.com
objectCategory: CN=Person,CN=Schema,CN=Configuration,DC=ezldap,DC=com
dSCorePropagationData: 20250924003756.0Z
dSCorePropagationData: 16010101000000.0Z

Ronaldo, develop, ezldap.com
dn: CN=Ronaldo,OU=develop,DC=ezldap,DC=com
objectClass: top
objectClass: person
objectClass: organizationalPerson
objectClass: user
cn: Ronaldo
givenName: Ronaldo
distinguishedName: CN=Ronaldo,OU=develop,DC=ezldap,DC=com
instanceType: 4
whenCreated: 20250924005855.0Z
whenChanged: 20250924005856.0Z
displayName: Ronaldo
uSNCreated: 127068
memberOf: CN=Developers AD,OU=develop,DC=ezldap,DC=com
uSNChanged: 127073
name: Ronaldo
objectGUID:: v7KY0XBGX0WNqMyWs7ExYw==
userAccountControl: 66048
badPwdCount: 0
codePage: 0
countryCode: 0
badPasswordTime: 0
lastLogoff: 0
lastLogon: 0

pwdLastSet: 134031491360247740
primaryGroupID: 513
objectSid:: AQUAAAAAAAAUVAAAAytlshZqhFKFfZ06wYQYAAA==
accountExpires: 9223372036854775807
logonCount: 0
sAMAccountName: Ronaldo
sAMAccountType: 805306368
userPrincipalName: Ronaldo@ezldap.com
objectCategory: CN=Person,CN=Schema,CN=Configuration,DC=ezldap,DC=com
dSCorePropagationData: 20250924005856.0Z
dSCorePropagationData: 16010101000000.0Z

Renaud, develop, ezldap.com
dn: CN=Renaud,OU=develop,DC=ezldap,DC=com
objectClass: top
objectClass: person
objectClass: organizationalPerson
objectClass: user
cn: Renaud
givenName: Renaud
distinguishedName: CN=Renaud,OU=develop,DC=ezldap,DC=com
instanceType: 4
whenCreated: 20250924011836.0Z
whenChanged: 20250924011837.0Z
displayName: Renaud
uSNCreated: 127591
memberOf: CN=Developers AD,OU=develop,DC=ezldap,DC=com
uSNChanged: 127596
name: Renaud
objectGUID:: IuctUG4GO0qngURhgAm0YA==
userAccountControl: 66048
badPwdCount: 0
codePage: 0
countryCode: 0
badPasswordTime: 0
lastLogoff: 0
lastLogon: 0

pwdLastSet: 134031503169520050
primaryGroupID: 513
objectSid:: AQUAAAAAAAAUVAAAAytlshZqhFKFfZ06wYgYAAA==
accountExpires: 9223372036854775807
logonCount: 0
sAMAccountName: Renaud
sAMAccountType: 805306368
userPrincipalName: Renaud@ezldap.com
objectCategory: CN=Person,CN=Schema,CN=Configuration,DC=ezldap,DC=com
dSCorePropagationData: 20250924011837.0Z
dSCorePropagationData: 16010101000000.0Z

Gladwin, develop, ezldap.com
dn: CN=Gladwin,OU=develop,DC=ezldap,DC=com
objectClass: top
objectClass: person
objectClass: organizationalPerson
objectClass: user
cn: Gladwin
givenName: Gladwin

distinguishedName: CN=Gladwin,OU=develop,DC=ezldap,DC=com
instanceType: 4
whenCreated: 20250924012727.0Z
whenChanged: 20250924012727.0Z
displayName: Gladwin
uSNCreated: 127613
memberOf: CN=windows AD,OU=develop,DC=ezldap,DC=com
memberOf: CN=Developers AD,OU=develop,DC=ezldap,DC=com
uSNChanged: 127621
name: Gladwin
objectGUID:: X6yQuoeC9EirR4np2gBYRA==
userAccountControl: 66048
badPwdCount: 0
codePage: 0
countryCode: 0
badPasswordTime: 0
lastLogoff: 0
lastLogon: 0
pwdLastSet: 134031508473159222
primaryGroupID: 513
objectSid:: AQUAAAAAAAAUVAAYtIsHZqhFKFfZ06wZAYAAA==
accountExpires: 9223372036854775807
logonCount: 0
sAMAccountName: Gladwin
sAMAccountType: 805306368
userPrincipalName: Gladwin@ezldap.com
objectCategory: CN=Person,CN=Schema,CN=Configuration,DC=ezldap,DC=com
dSCorePropagationData: 20250924012727.0Z
dSCorePropagationData: 16010101000000.0Z

Gerald, develop, ezldap.com
dn: CN=Gerald,OU=develop,DC=ezldap,DC=com
objectClass: top
objectClass: person
objectClass: organizationalPerson
objectClass: user
cn: Gerald
givenName: Gerald
distinguishedName: CN=Gerald,OU=develop,DC=ezldap,DC=com
instanceType: 4
whenCreated: 20250924012140.0Z
whenChanged: 20250924014130.0Z
displayName: Gerald
uSNCreated: 127602
memberOf: CN=windows AD,OU=develop,DC=ezldap,DC=com
uSNChanged: 127624
name: Gerald
objectGUID:: OqYP+V0xjkOpBb8x5M2eAw==
userAccountControl: 66050
badPwdCount: 0
codePage: 0
countryCode: 0
badPasswordTime: 0
lastLogoff: 0
lastLogon: 0
pwdLastSet: 134031505005918452
primaryGroupID: 513

```
objectSid:: AQUAAAAAAAAUVAAYtIsHZqhFKFfZ06wYwYAAA==
accountExpires: 9223372036854775807
logonCount: 0
sAMAccountName: Gerald
sAMAccountType: 805306368
userPrincipalName: Gerald@ezldap.com
objectCategory: CN=Person,CN=Schema,CN=Configuration,DC=ezldap,DC=com
dSCorePropagationData: 20250924012140.0Z
dSCorePropagationData: 16010101000000.0Z

# search result
search: 2
result: 0 Success

# numResponses: 6
# numEntries: 5
```

Example 2 — Users in BOTH "windows AD" AND "Developers AD"

```
root@gateway:~# ldapsearch -x -H ldap://192.168.1.18 -D "CN=Administrator,CN=Users,DC=ezldap,DC=com" -
W -b "OU=develop,DC=ezldap,DC=com" "(&(memberOf=CN=windows AD,OU=develop,DC=ezldap,DC=com)
(memberOf=CN=Developers AD,OU=develop,DC=ezldap,DC=com))"
```

The output of the above ldapsearch command is shown below.

```
Enter LDAP Password:
# extended LDIF
#
# LDAPv3
# base <OU=develop,DC=ezldap,DC=com> with scope subtree
# filter: (&(memberOf=CN=windows AD,OU=develop,DC=ezldap,DC=com)(memberOf=CN=Developers
AD,OU=develop,DC=ezldap,DC=com))
# requesting: ALL
#
# Gladwin, develop, ezldap.com
dn: CN=Gladwin,OU=develop,DC=ezldap,DC=com
objectClass: top
objectClass: person
objectClass: organizationalPerson
objectClass: user
cn: Gladwin
givenName: Gladwin
distinguishedName: CN=Gladwin,OU=develop,DC=ezldap,DC=com
instanceType: 4
whenCreated: 20250924012727.0Z
whenChanged: 20250924012727.0Z
displayName: Gladwin
uSNCreated: 127613
memberOf: CN=windows AD,OU=develop,DC=ezldap,DC=com
memberOf: CN=Developers AD,OU=develop,DC=ezldap,DC=com
uSNChanged: 127621
name: Gladwin
objectGUID:: X6yQuoeC9EirR4np2gBYRA==
userAccountControl: 66048
badPwdCount: 0
codePage: 0
```

```
countryCode: 0
badPasswordTime: 0
lastLogoff: 0
lastLogon: 0
pwdLastSet: 134031508473159222
primaryGroupID: 513
objectSid:: AQUAAAAAAAAUVAAAAytlSHZqhFKFfZ06wZAYAAA==
accountExpires: 9223372036854775807
logonCount: 0
sAMAccountName: Gladwin
sAMAccountType: 805306368
userPrincipalName: Gladwin@ezldap.com
objectCategory: CN=Person,CN=Schema,CN=Configuration,DC=ezldap,DC=com
dSCorePropagationData: 20250924012727.0Z
dSCorePropagationData: 16010101000000.0Z

# search result
search: 2
result: 0 Success

# numResponses: 2
# numEntries: 1
```

Example 3 — Users NOT in "Developers AD"

```
root@gateway:~#ldapsearch -x -H ldap://192.168.1.18 -D "CN=Administrator,CN=Users,DC=ezldap,DC=com" -W -b
"OU=develop,DC=ezldap,DC=com" "(!(memberOf=CN=Developers AD,OU=develop,DC=ezldap,DC=com))"
```

```
Enter LDAP Password:
# extended LDIF
#
# LDAPv3
# base <OU=develop,DC=ezldap,DC=com> with scope subtree
# filter: (!(memberOf=CN=Developers AD,OU=develop,DC=ezldap,DC=com))
# requesting: ALL
#
# develop, ezldap.com
dn: OU=develop,DC=ezldap,DC=com
objectClass: top
objectClass: organizationalUnit
ou: develop
distinguishedName: OU=develop,DC=ezldap,DC=com
instanceType: 4
whenCreated: 20250718111400.0Z
whenChanged: 20250718113159.0Z
uSNCreated: 12795
uSNChanged: 12808
name: develop
objectGUID:: uClkrmIPTECJ2RxLWw/RhQ==
objectCategory: CN=Organizational-Unit,CN=Schema,CN=Configuration,DC=ezldap,DC
=com
dSCorePropagationData: 20250718113159.0Z
dSCorePropagationData: 20250718111400.0Z
dSCorePropagationData: 20250718111400.0Z
dSCorePropagationData: 16010101000000.0Z
```

```
# Developers AD, develop, ezldap.com
dn: CN=Developers AD,OU=develop,DC=ezldap,DC=com
objectClass: top
objectClass: group
cn: Developers AD
member: CN=Gladwin,OU=develop,DC=ezldap,DC=com
member: CN=Renaud,OU=develop,DC=ezldap,DC=com
member: CN=Ronaldo,OU=develop,DC=ezldap,DC=com
member: CN=AlexGlobal,OU=develop,DC=ezldap,DC=com
distinguishedName: CN=Developers AD,OU=develop,DC=ezldap,DC=com
instanceType: 4
whenCreated: 20250924004012.0Z
whenChanged: 20250924021039.0Z
uSNCreated: 127044
uSNChanged: 127629
name: Developers AD
objectGUID:: nyS1PBBO0kyDoAl3urev/Q==
objectSid:: AQUAAAAAAAAUVAAAAytlshZqhFKFfZ06wXwYAAA==
sAMAccountName: Developers AD
sAMAccountType: 268435456
groupType: -2147483646
objectCategory: CN=Group,CN=Schema,CN=Configuration,DC=ezldap,DC=com
dSCorePropagationData: 16010101000000.0Z
```

```
# windows AD, develop, ezldap.com
dn: CN=windows AD,OU=develop,DC=ezldap,DC=com
objectClass: top
objectClass: group
cn: windows AD
member: CN=Gladwin,OU=develop,DC=ezldap,DC=com
member: CN=Gerald,OU=develop,DC=ezldap,DC=com
distinguishedName: CN=windows AD,OU=develop,DC=ezldap,DC=com
instanceType: 4
whenCreated: 20250924011635.0Z
whenChanged: 20250924012727.0Z
uSNCreated: 127064
uSNChanged: 127619
name: windows AD
objectGUID:: WN7sHYtEhEyWDSTdi1Yceg==
objectSid:: AQUAAAAAAAAUVAAAAytlshZqhFKFfZ06wYAYAAA==
sAMAccountName: windows AD
sAMAccountType: 268435456
groupType: -2147483646
objectCategory: CN=Group,CN=Schema,CN=Configuration,DC=ezldap,DC=com
dSCorePropagationData: 16010101000000.0Z
```

```
# Gerald, develop, ezldap.com
dn: CN=Gerald,OU=develop,DC=ezldap,DC=com
objectClass: top
objectClass: person
objectClass: organizationalPerson
objectClass: user
cn: Gerald
givenName: Gerald
distinguishedName: CN=Gerald,OU=develop,DC=ezldap,DC=com
instanceType: 4
whenCreated: 20250924012140.0Z
```

```
whenChanged: 20250924014130.0Z
displayName: Gerald
uSNCreated: 127602
memberOf: CN=windows AD,OU=develop,DC=ezldap,DC=com
uSNChanged: 127624
name: Gerald
objectGUID:: OqYP+V0xjkOpBb8x5M2eAw==
userAccountControl: 66050
badPwdCount: 0
codePage: 0
countryCode: 0
badPasswordTime: 0
lastLogoff: 0
lastLogon: 0
pwdLastSet: 134031505005918452
primaryGroupID: 513
objectSid:: AQUAAAAAAAAUAAAAytlSHZqhFKFfZ06wYwYAAA==
accountExpires: 9223372036854775807
logonCount: 0
sAMAccountName: Gerald
sAMAccountType: 805306368
userPrincipalName: Gerald@ezldap.com
objectCategory: CN=Person,CN=Schema,CN=Configuration,DC=ezldap,DC=com
dSCorePropagationData: 20250924012140.0Z
dSCorePropagationData: 16010101000000.0Z

# developer, develop, ezldap.com
dn: OU=developer,OU=develop,DC=ezldap,DC=com
objectClass: top
objectClass: organizationalUnit
ou: developer
distinguishedName: OU=developer,OU=develop,DC=ezldap,DC=com
instanceType: 4
whenCreated: 20250718113159.0Z
whenChanged: 20250718113159.0Z
uSNCreated: 12807
uSNChanged: 12809
name: developer
objectGUID:: 8aH/n5GlFEugQcPZoDjjdQ==
objectCategory: CN=Organizational-Unit,CN=Schema,CN=Configuration,DC=ezldap,DC
=com
dSCorePropagationData: 20250718113159.0Z
dSCorePropagationData: 20250718113159.0Z
dSCorePropagationData: 16010101000000.0Z

# search result
search: 2
result: 0 Success

# numResponses: 6
# numEntries: 5
```

Example 4 — Users in "windows AD" but NOT in "Developers AD"

```
root@gateway: ~# ldapsearch -x -H ldap://192.168.1.18 -D "CN=Administrator,CN=Users,DC=ezldap,DC=com" -W
-b "OU=develop,DC=ezldap,DC=com" "(& (memberOf=CN=windows AD,OU=develop,DC=ezldap,DC=com) (!
(memberOf=CN=Developers AD,OU=develop,DC=ezldap,DC=com)))"
```

The output of the above ldapsearch command is shown below.

```
Enter LDAP Password:
# extended LDIF
#
# LDAPv3
# base <OU=develop,DC=ezldap,DC=com> with scope subtree
# filter: (& (memberOf=CN=windows AD,OU=develop,DC=ezldap,DC=com) (!(memberOf=CN=Developers
AD,OU=develop,DC=ezldap,DC=com)))
# requesting: ALL
#

# Gerald, develop, ezldap.com
dn: CN=Gerald,OU=develop,DC=ezldap,DC=com
objectClass: top
objectClass: person
objectClass: organizationalPerson
objectClass: user
cn: Gerald
givenName: Gerald
distinguishedName: CN=Gerald,OU=develop,DC=ezldap,DC=com
instanceType: 4
whenCreated: 20250924012140.0Z
whenChanged: 20250924014130.0Z
displayName: Gerald
uSNCreated: 127602
memberOf: CN=windows AD,OU=develop,DC=ezldap,DC=com
uSNChanged: 127624
name: Gerald
objectGUID:: OqYP+V0xjkOpBb8x5M2eAw==
userAccountControl: 66050
badPwdCount: 0
codePage: 0
countryCode: 0
badPasswordTime: 0
lastLogoff: 0
lastLogon: 0
pwdLastSet: 134031505005918452
primaryGroupID: 513
objectSid:: AQUAAAAAAAAUAAAAytlsHZqhFKFfZ06wYwYAAA==
accountExpires: 9223372036854775807
logonCount: 0
sAMAccountName: Gerald
sAMAccountType: 805306368
userPrincipalName: Gerald@ezldap.com
objectCategory: CN=Person,CN=Schema,CN=Configuration,DC=ezldap,DC=com
dSCorePropagationData: 20250924012140.0Z
dSCorePropagationData: 16010101000000.0Z

# search result
search: 2
result: 0 Success

# numResponses: 2
# numEntries: 1
```

List Enabled User Accounts (LDAP filter for enabled accounts):

```
root@gateway:~#:# ldapsearch -x -H ldap://192.168.1.18 -D "CN=Administrator,CN=Users,DC=ezldap,DC=com" -W -b "OU=develop,DC=ezldap,DC=com" "(&(objectClass=user)!(userAccountControl:1.2.840.113556.1.4.803:=2)))" sAMAccountName mail
```

The output of the above ldapsearch command is shown below.

```
Enter LDAP Password:
# extended LDIF
#
# LDAPv3
# base <OU=develop,DC=ezldap,DC=com> with scope subtree
# filter: (&(objectClass=user)!(userAccountControl:1.2.840.113556.1.4.803:=2)))
# requesting: sAMAccountName mail
#
# AlexGlobal, develop, ezldap.com
dn: CN=AlexGlobal,OU=develop,DC=ezldap,DC=com
sAMAccountName: AlexGlobal
# Ronaldo, develop, ezldap.com
dn: CN=Ronaldo,OU=develop,DC=ezldap,DC=com
sAMAccountName: Ronaldo
# Renaud, develop, ezldap.com
dn: CN=Renaud,OU=develop,DC=ezldap,DC=com
sAMAccountName: Renaud
# Gladwin, develop, ezldap.com
dn: CN=Gladwin,OU=develop,DC=ezldap,DC=com
sAMAccountName: Gladwin
# search result
search: 2
result: 0 Success
# numResponses: 5
# numEntries: 4
```

List Disabled accounts only:

```
root@gateway:~# ldapsearch -x -H ldap://192.168.1.18 -D "CN=Administrator,CN=Users,DC=ezldap,DC=com" -W -b "OU=develop,DC=ezldap,DC=com" "(&(objectClass=user)(userAccountControl:1.2.840.113556.1.4.803:=514))" sAMAccountName mail
```

The output of the above ldapsearch command is shown below.

```
Enter LDAP Password:
# extended LDIF
#
# LDAPv3
# base <OU=develop,DC=ezldap,DC=com> with scope subtree
# filter: (&(objectClass=user)(userAccountControl:1.2.840.113556.1.4.803:=514))
# requesting: sAMAccountName mail
#
```

```
# Gerald, develop, ezldap.com
dn: CN=Gerald,OU=develop,DC=ezldap,DC=com
sAMAccountName: Gerald
```

```
# search result
search: 2
result: 0 Success
```

```
# numResponses: 2
# numEntries: 1
```

Related Articles:

[How to create filters in Ezeelogin while using LDAP or AD authentication?](#)

[How to use the LDAP password as the security code on user login in SSH?](#)

[Can we map existing user group in ldap to Ezeelogin as Ezeelogin user group?](#)

[Assigning user group for LDAP users?](#)

[How do I configure Ezeelogin to authenticate using OpenLdap or Window AD server?](#)

Online URL: <https://www.ezeelogin.com/kb/article/ldap-filters-for-active-directory-users-789.html>