

Ldap过滤器

<https://www.zytrax.com/books/ldap/apa/search.html>

Basic format

```
( filter )
```

Simple Expression Search Examples

```
(mail=*) # returns all entries which have a mail attribute
(objectclass=*) # returns all entries
(mail=*@*) # return entries with any valid RFC822 mail address
(sn=smith) # exact match returns Smith but NOT Smit
(sn=s*) # returns entries with surnames starting with s or S
(cn=*a*i*) # return entries with common names with both a and i anywhere
(telephonenumber=*555) # return entries with telephone numbers that end with 555
(objectclass=person) #return entries which use person objectclass
```

Combined Simple Expression Search Examples

```
(&(mail=*)(cn=*r)(sn=s*)) # has mail attr AND cn ends with R
                        AND sn starts with s
(|(sn=a*)(sn=b*)(sn=c*)) # sn starts with a OR b OR c
(!(sn=a*)) # entries with sn NOT starting with a
(&(!(sn=a*))(!(sn=b*))) # entries with sn NOT starting with a
                        AND NOT starting with b
(&&mp;(sn=*a)(!(sn=s*))) # entries with sn ending with a AND NOT starting with
s
# classic simple mistake - watch this one
(&(sn=a*)(sn=b*)(sb=c*)) # impossible always returns nothing
```

实战:

```
(&(objectClass=posixgroup)(objectClass=ipaobject))
```

```
(&(objectClass=person)(objectClass=ipaobject))
```

使用搜索绑定身份验证
search_bind_authentication

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登录时创建 LDAP 用户
create_users_on_login

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LDAP 搜索基础
base_dn

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dc=baofoo,dc=cn

LDAP 绑定用户可分辨名称
bind_dn

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uid=admin,cn=users,cn=accounts,dc=baofoo,dc=cn

LDAP 绑定密码
bind_password

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LDAP Username for Test LDAP Configuration
test_ldap_user

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LDAP Group Name for Test LDAP Configuration
test_ldap_group

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LDAP 用户筛选
user_filter

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(&(objectClass=person)(objectClass=ipaobject))

LDAP 用户名属性
user_name_attr

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uid

LDAP 组筛选
group_filter

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(&(objectClass=posixgroup)(objectClass=ipaobject))

LDAP 组名称属性
group_name_attr

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cn