

LDAP Search Command Examples

Command:

```
ldapsearch -x -LLL -H ldap://server.example.com -b "dc=example,dc=com"
"(uid=john.doe)" cn mail
```

Explanation:

Search for the user with UID 'john.doe' and return their common name (cn) and email (mail).

Command:

```
ldapsearch -x -H ldap://server.example.com -b "ou=users,dc=example,dc=com"
"(&(objectClass=person)(|(uid=john.doe)(uid=jane.doe)))"
```

Explanation:

Search for entries where the object class is 'person' and the UID is either 'john.doe' or 'jane.doe'.

Command:

```
ldapsearch -x -H ldap://server.example.com -b "dc=example,dc=com" -l 10
"(objectClass=*)"
```

Explanation:

Search for all objects with a time limit of 10 seconds.

Command:

```
ldapsearch -x -ZZ -H ldaps://server.example.com -b "dc=example,dc=com"
"(uid=john.doe)"
```

Explanation:

Use SSL/TLS for security and search for user with UID 'john.doe'.

Command:

```
ldapsearch -x -E pr=1000/noprompt -H ldap://server.example.com -b
"dc=example,dc=com"
"(objectClass=person)"
```

Explanation:

Use simple paging of the results, retrieving 1000 entries at a time without prompting.

Command:

```
ldapsearch -x -LLL -H ldap://server.example.com -b "dc=example,dc=com"
"(uid=john.doe)" +
```

Explanation:

Retrieve operational attributes for the entries along with common name and email.

Command:

```
ldapsearch -Y DIGEST-MD5 -U username -H ldap://server.example.com -b
"dc=example,dc=com"
"(objectClass=*)"
```

Explanation:

Use SASL DIGEST-MD5 mechanism for authentication.