After configuring an LDAP Server, we can update some settings, such as:

Advanced Options

Connect timeout	10
Read timeout	30
SSL	☐

Listener	☑
Listen interval	5
Paging	☑

LDAP has many attributes, meaning it has lots of columns (ie, fields)… for example, for users, we have:

-user id, email, account status, etc.

We can import those columns (fields) by mentioning them in this field:

Attributes

We can see that after configuring the LDAP Server, it has automatically created 2 OU Definitions.

One is for the Groups table and the other is for the Users table:

…notice that it has also automatically created the filters for those tables, as well.

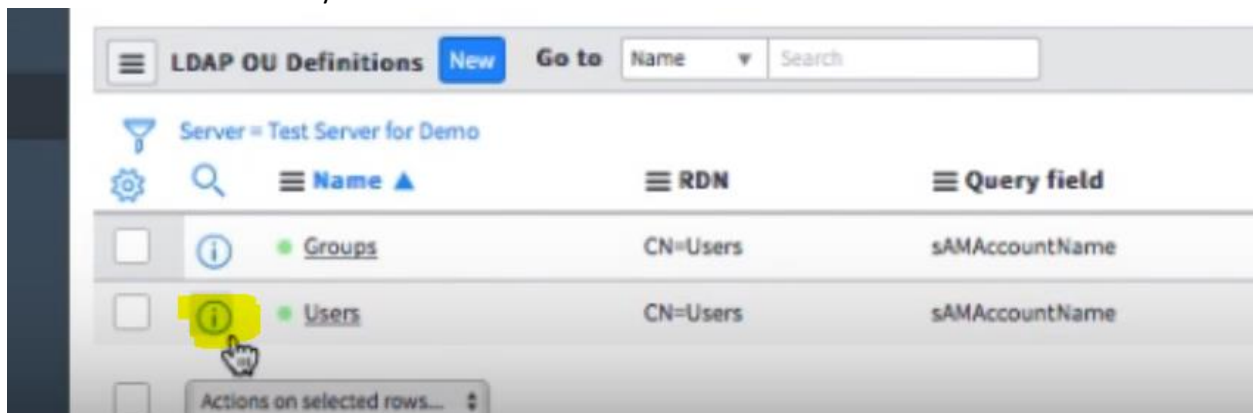The LDAP Server has the following users within their respective OU's (Organization Units):

ou=mathematicians,dc=example,dc=com

- riemann
- gauss
- euler
- euclid

ou=scientists,dc=example,dc=com

- einstein
- newton
- galileo
- tesla

…let's see if we can directly access these users from the table:

…and then we may also test the connection.

Remember: when importing data, make sure the Active Directory team confirms the settings, such as RDN, CN and DC.

Let's specify what type of users we want to pull up. We can set it up in the Filter, such as:

| Filter | (&(objectClass=person)(sn=*)(!(objectClass=computer))(!(userAccountControl:1.2.840.113556.1.4.803:=2))) |

-Object class is person.

-Surname is all (hence the asterisk).

-Object class is not computer, hence the exclamation mark.

-User Account Control should not be a specific number.

Now you may test the connection:

⊘ Connected successfully

Name	U
RDN	
Query field	s/
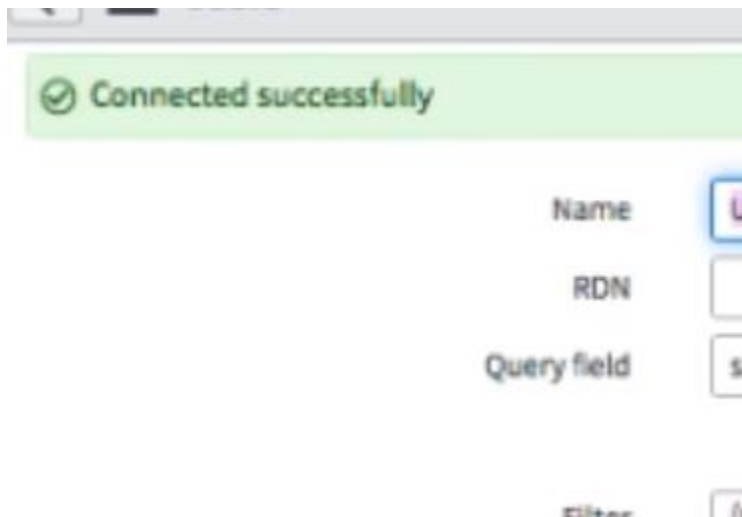
Filter | fi

If we wish to troubleshoot the Filter, for example, some users were not imported, we go to **Browse** :

↓
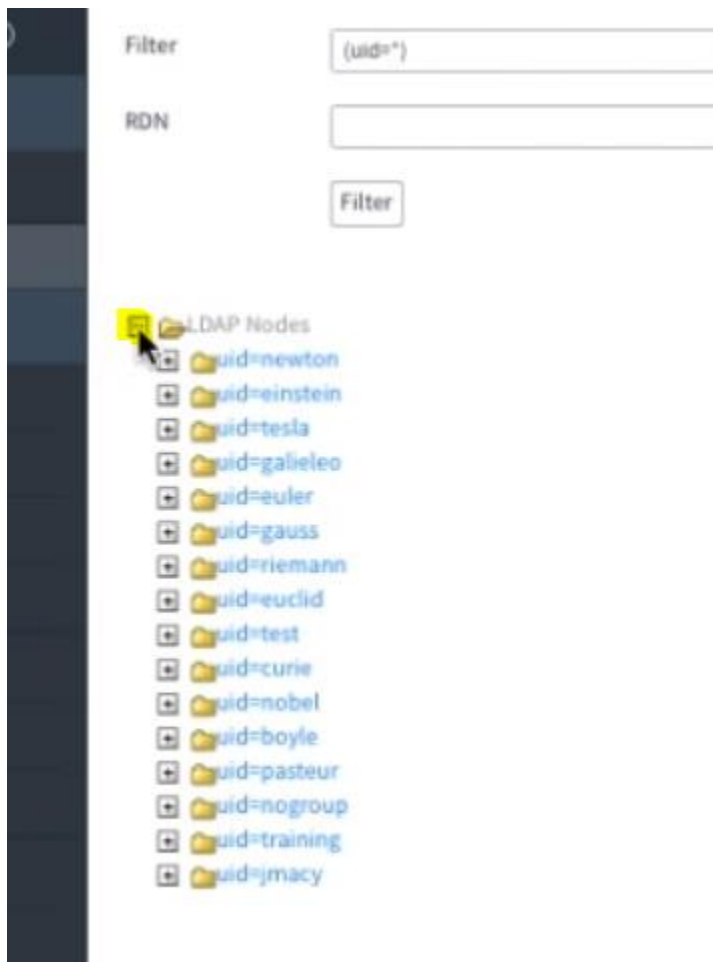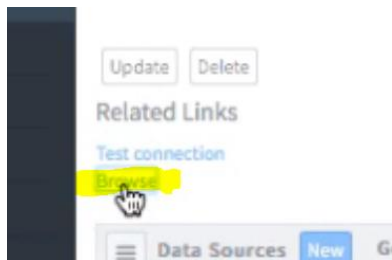
…and we see we have all the **uid**'s of the desired users from the organization!

If we click on Newton, we see further info on him:

LDAP Nodes
- uid=newton
- uid=einstein
- uid=tesla
- uid=galileo
- uid=euler
- uid=gauss
- uid=riemann
- uid=euclid
- uid=test
- uid=curie
- uid=nobel
- uid=boyle
- uid=pasteur
- uid=nogroup
- uid=training
- uid=jmacy

Attribute Name	Attribute Value
cn	Isaac Newton
dn	uid=newton,dc=example,dc=com
mail	newton@ldap.forumsys.com
objectClass	inetOrgPerson
objectClass	organizationalPerson
objectClass	person
objectClass	top
sn	Newton
source	ldap:uid=newton,dc=example,dc=com
uid	newton