M3104 TD2

```
Outil de configuration des paquets


                    ┤ Configuration de slapd ├
  Veuillez indiquer le mot de passe de l'administrateur de l'annuaire
  LDAP.

  Mot de passe de l'administrateur :

  ********

                              <Ok>

```

Opération 2 :

Connection properties

Connection name: ldap

General | Options | Attributes

Connection:

Host: 15.188.121.184   Port: 389   Version: 3

Base: dc=example,dc=com   Fetch DNs

● Simple authentication   ☐ SSL   ☐ TLS
○ GSS-API   ☐ SASL

Account

Username:

Password:

☑ Anonymous connection
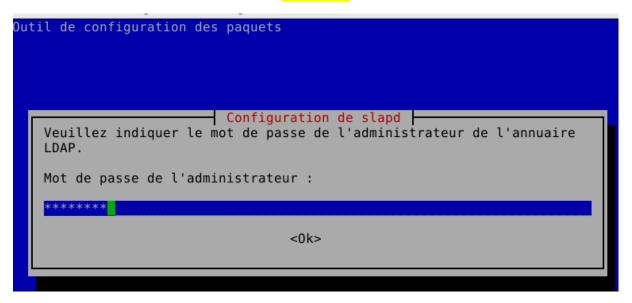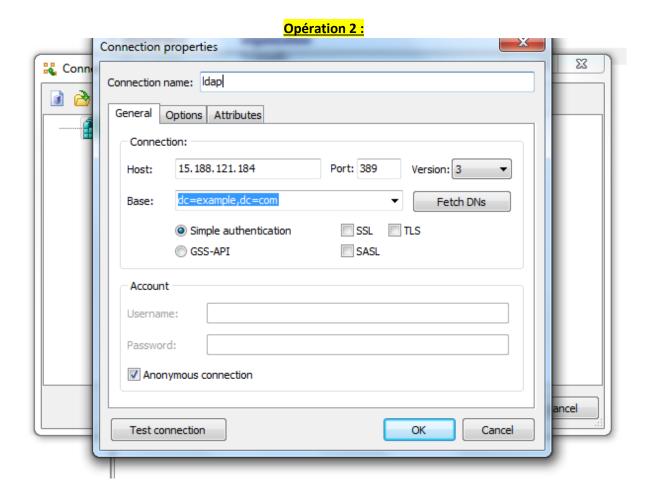
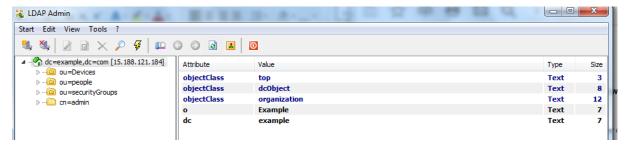Test connection   OK   Cancel
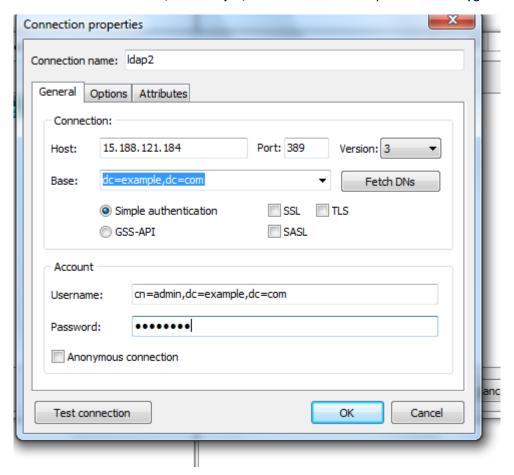
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Question 2.1 :

Les valeurs de la baseDN sont : dc=example,dc=com
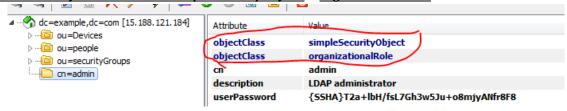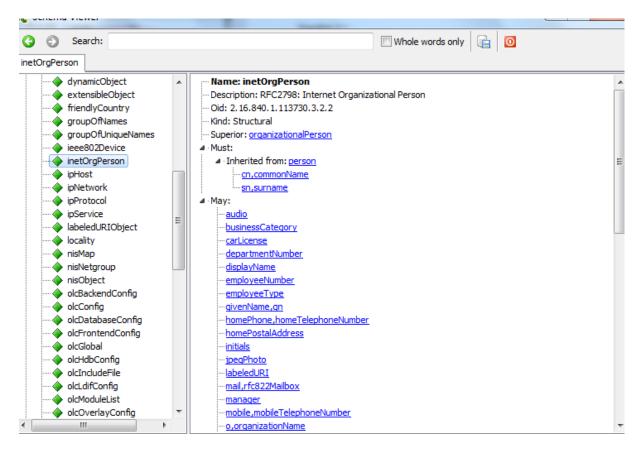
Opération 2.1 :

Le nom d'utilisateur est : **cn=admin,dc=example,dc=com** et le mot de passe est : virtrygtr

Question 2.2 :

Les classes de l'objet admin sont : simpleSecurityObject et organizationalrole
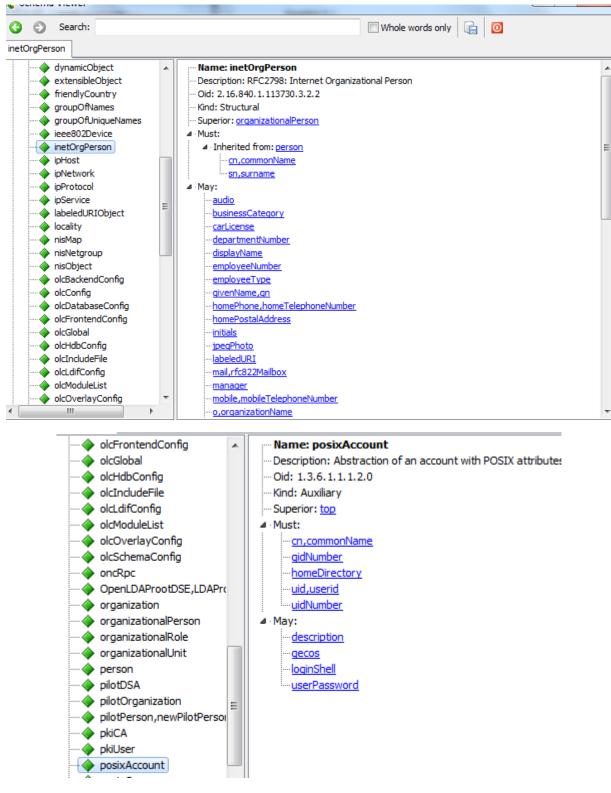
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On ne peut convertir en un objet inetOrgPerson car c'est une classe qui ne fait pas partie de l'entité cn=admin. Sur le site Zytrax : de même pour inetOrgPerson.schema

Opération 3 :
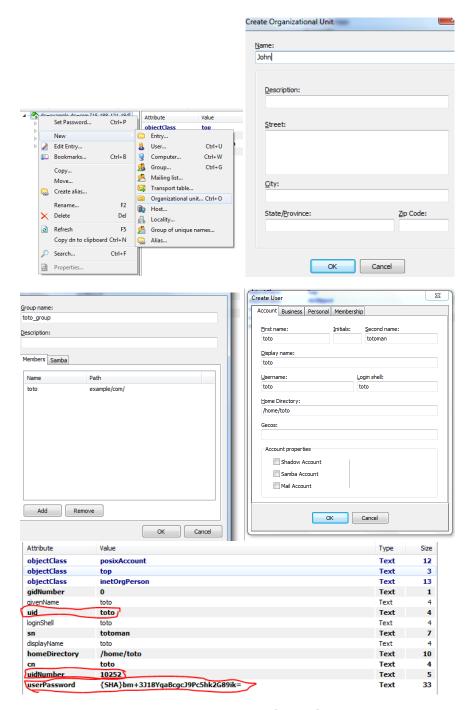
Voici les classes dans le schéma de l'annuaire : inetOrgPerson et posixAccount

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Question 3.1 :

Il n'existe pas de différences entre l'openldap et le Ldapadmin

Opération 4 :

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Question 4.1 :

Pour rechercher les : il suffit de cliquer sur le bouton :

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Question 4.2 :

Pour exporter il faut cliquer sur tool->export depuis la connexion

Opération 5 :

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```
ubuntu@ip-172-31-28-214:~$ sudo slapcat
5df1492d ldif_read_file: checksum error on "/etc/ldap/slapd.d/cn=config.ldif"
dn: dc=example,dc=com
objectClass: top
objectClass: dcObject
objectClass: organization
o: Example
dc: example
structuralObjectClass: organization
entryUUID: 37a83506-afc4-1039-8182-4f6b9a43ed60
creatorsName: cn=admin,dc=example,dc=com
createTimestamp: 20191210181122Z
entryCSN: 20191210181122.972864Z#000000#000#000000
modifiersName: cn=admin,dc=example,dc=com
modifyTimestamp: 20191210181122Z

dn: cn=admin,dc=example,dc=com
objectClass: simpleSecurityObject
objectClass: organizationalRole
cn: admin
description: LDAP administrator
userPassword:: e1NTSEF9VDJhK2xiSC9mc0w3R2gzdzVKdStvOG1qeUFOZnI4Rjg=
structuralObjectClass: organizationalRole
entryUUID: 37a91976-afc4-1039-8183-4f6b9a43ed60
creatorsName: cn=admin,dc=example,dc=com
createTimestamp: 20191210181122Z
entryCSN: 20191210181122.978715Z#000000#000#000000
modifiersName: cn=admin,dc=example,dc=com
modifyTimestamp: 20191210181122Z

dn: ou=people,dc=example,dc=com
ou: people
description: All people in organisation
objectClass: organizationalUnit
structuralObjectClass: organizationalUnit
entryUUID: 9b765518-afc4-1039-9270-1d87cf80cad5
creatorsName: cn=admin,dc=example,dc=com
createTimestamp: 20191210181410Z
entryCSN: 20191210181410.418164Z#000000#000#000000
modifiersName: cn=admin,dc=example,dc=com
modifyTimestamp: 20191210181410Z

dn: ou=students,ou=people,dc=example,dc=com
ou: students
description: All students in organisation
objectClass: organizationalUnit
structuralObjectClass: organizationalUnit
entryUUID: 9b767b10-afc4-1039-9271-1d87cf80cad5
creatorsName: cn=admin,dc=example,dc=com
createTimestamp: 20191210181410Z
entryCSN: 20191210181410.419140Z#000000#000#000000
modifiersName: cn=admin,dc=example,dc=com
modifyTimestamp: 20191210181410Z

dn: ou=employees,ou=people,dc=example,dc=com
ou: employees
description: All employees in organisation
objectClass: organizationalUnit
structuralObjectClass: organizationalUnit
entryUUID: 9b7698ac-afc4-1039-9272-1d87cf80cad5
```

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```
entryUUID: 9b772150-afc4-1039-9274-1d87cf80cad5
creatorsName: cn=admin,dc=example,dc=com
createTimestamp: 20191210181410Z
entryCSN: 20191210181410.423396Z#000000#000#000000
modifiersName: cn=admin,dc=example,dc=com
modifyTimestamp: 20191210181410Z

dn: ou=John,dc=example,dc=com
objectClass: top
objectClass: organizationalUnit
ou: John
structuralObjectClass: organizationalUnit
entryUUID: 2f05b514-b095-1039-88af-354dfd72ef70
creatorsName: cn=admin,dc=example,dc=com
createTimestamp: 20191211190713Z
entryCSN: 20191211190713.302618Z#000000#000#000000
modifiersName: cn=admin,dc=example,dc=com
modifyTimestamp: 20191211190713Z

dn: uid=toto,dc=example,dc=com
objectClass: posixAccount
objectClass: top
objectClass: inetOrgPerson
gidNumber: 0
givenName: toto
uid: toto
loginShell: toto
sn: totoman
displayName: toto
homeDirectory: /home/toto
cn: toto
uidNumber: 10252
structuralObjectClass: inetOrgPerson
entryUUID: b759862e-b096-1039-88b1-354dfd72ef70
creatorsName: cn=admin,dc=example,dc=com
createTimestamp: 20191211191811Z
userPassword:: e1NIQX1ibSszSjE4WXFhQmNnY0o5UGM1aGsyRzg5aWs9
entryCSN: 20191211191954.907628Z#000000#000#000000
modifiersName: cn=admin,dc=example,dc=com
modifyTimestamp: 20191211191954Z

dn: cn=toto_group,dc=example,dc=com
objectClass: posixGroup
objectClass: top
cn: toto_group
memberUid: toto
gidNumber: 10133
structuralObjectClass: posixGroup
entryUUID: d4a6f7e8-b096-1039-88b2-354dfd72ef70
creatorsName: cn=admin,dc=example,dc=com
createTimestamp: 20191211191900Z
entryCSN: 20191211191900.680254Z#000000#000#000000
modifiersName: cn=admin,dc=example,dc=com
modifyTimestamp: 20191211191900Z
```

```
 1   dn: dc=example,dc=com
 2   objectClass: top
 3   objectClass: dcObject
 4   objectClass: organization
 5   o: Example
 6   dc: example
 7
 8   dn: cn=admin,dc=example,dc=com
 9   objectClass: simpleSecurityObject
10   objectClass: organizationalRole
11   cn: admin
12   description: LDAP administrator
13   userPassword: {SSHA}T2a+lbH/fsL7Gh3w5Ju+o8mjyANfr8F8
14
15   dn: ou=people,dc=example,dc=com
16   ou: people
17   description: All people in organisation
18   objectClass: organizationalUnit
19
20   dn: ou=students,ou=people,dc=example,dc=com
21   ou: students
22   description: All students in organisation
23   objectClass: organizationalUnit
24
25   dn: ou=employees,ou=people,dc=example,dc=com
26   ou: employees
27   description: All employees in organisation
28   objectClass: organizationalUnit
29
30   dn: ou=securityGroups,dc=example,dc=com
31   ou: securityGroups
32   description: All ldap groups to manage the security of objects in an organisatio
33    n
34   objectClass: organizationalUnit
35
36   dn: ou=Devices,dc=example,dc=com
37   ou: Devices
38   description: All devices in organisation
39   objectClass: organizationalUnit
40
41   dn: ou=John,dc=example,dc=com
42   objectClass: top
43   objectClass: organizationalUnit
44   ou: John
45
46   dn: uid=toto,dc=example,dc=com
```

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```
46    dn: uid=toto,dc=example,dc=com
47    objectClass: posixAccount
48    objectClass: top
49    objectClass: inetOrgPerson
50    gidNumber: 0
51    givenName: toto
52    uid: toto
53    loginShell: toto
54    sn: totoman
55    displayName: toto
56    homeDirectory: /home/toto
57    cn: toto
58    uidNumber: 10252
59    userPassword: {SHA}bm+3J18YqaBcgcJ9Pc5hk2G89ik=
60
61    dn: cn=toto_group,dc=example,dc=com
62    objectClass: posixGroup
63    objectClass: top
64    cn: toto_group
65    memberUid: toto
66    gidNumber: 10133
```

Entryuuid disparaît de l'exportation Ldapadmin et structuralobjectclass et creatorsName, createTimeStamp, entryCSN,modifiersName,modifyTimestamp

```
structuralObjectClass: organization
entryUUID: 37a83506-afc4-1039-8182-4f6b9a43ed60
creatorsName: cn=admin,dc=example,dc=com
createTimestamp: 201912101811122Z
entryCSN: 20191210181122.972864Z#000000#000#000000
modifiersName: cn=admin,dc=example,dc=com
modifyTimestamp: 201912101811122Z
```

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