Active Directory Lightweight Directory Services

Installation, configuration et gestion

Date	Version	Auteur	Actions
21/11/2022	1.00	Thierry Adrian	Création

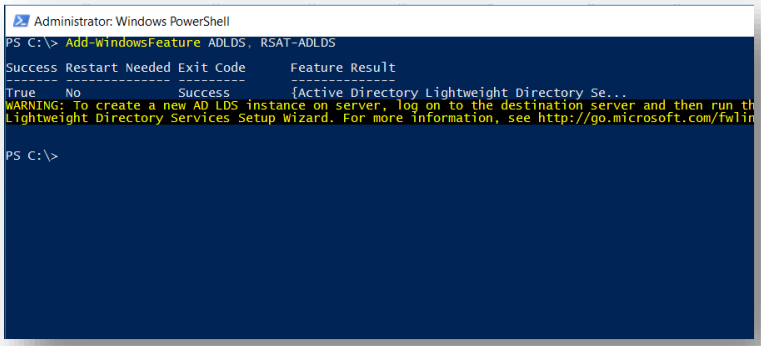
Sommaire

1. Préambule

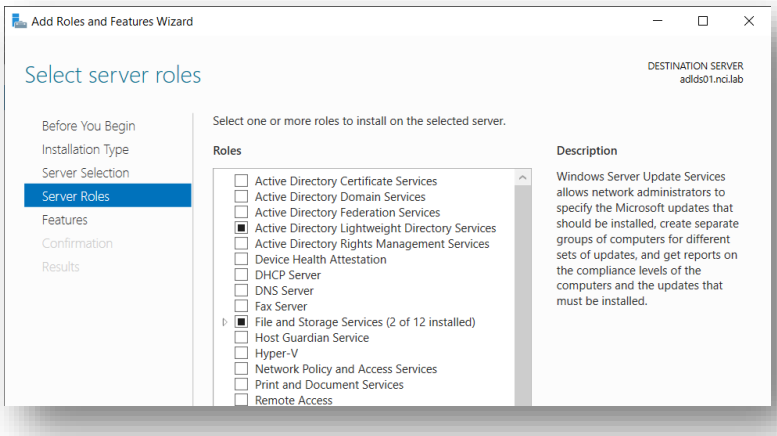
La mise en application de cette procédure nécessite la lecture et la bonne compréhension de l'article associé publié à l'aide de l'adresse : https://neoconsultin.io/

2. Déploiement du rôle AD LDS

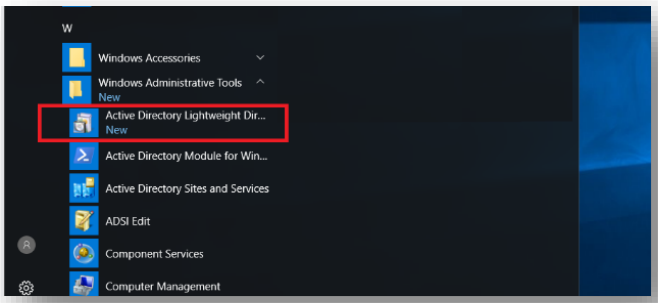
2.1. Via PowerShell

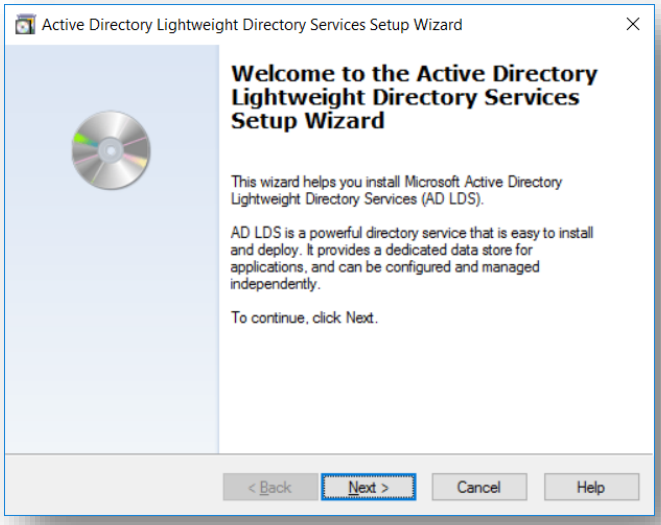


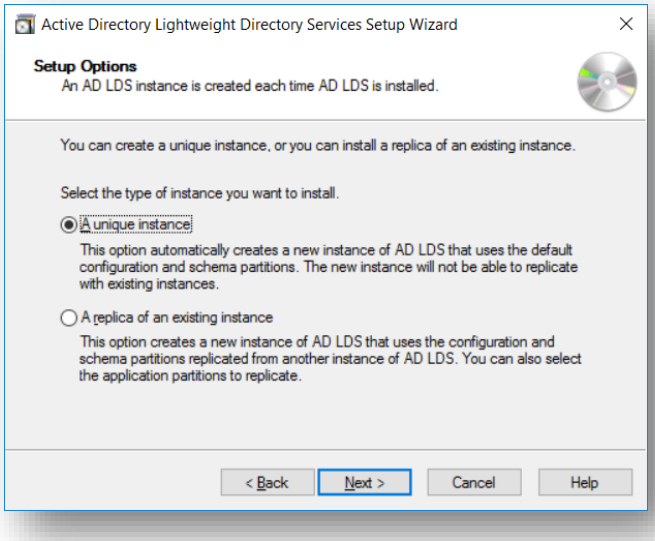
2.2. Par interface graphique

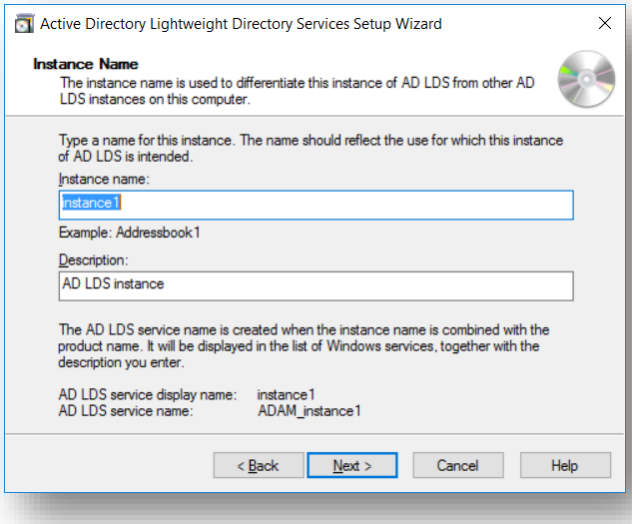


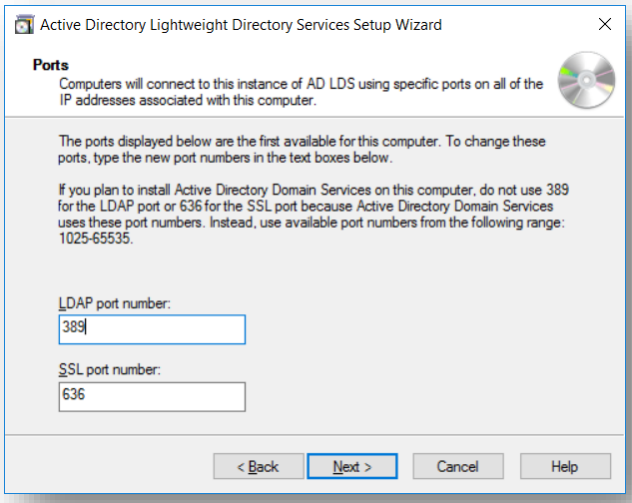
3. Configuration de l'instance AD LDS

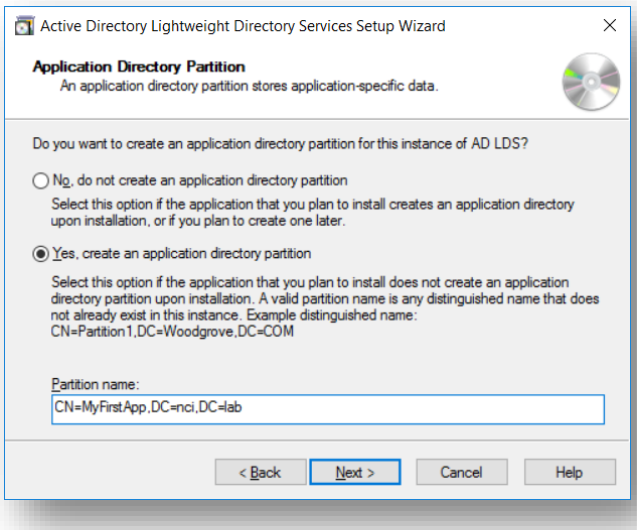




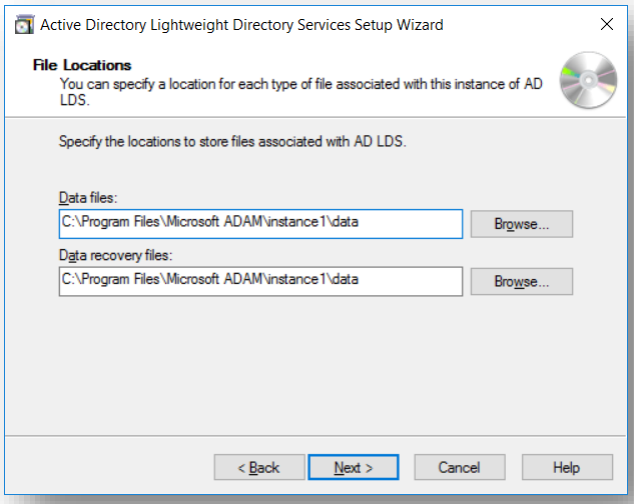


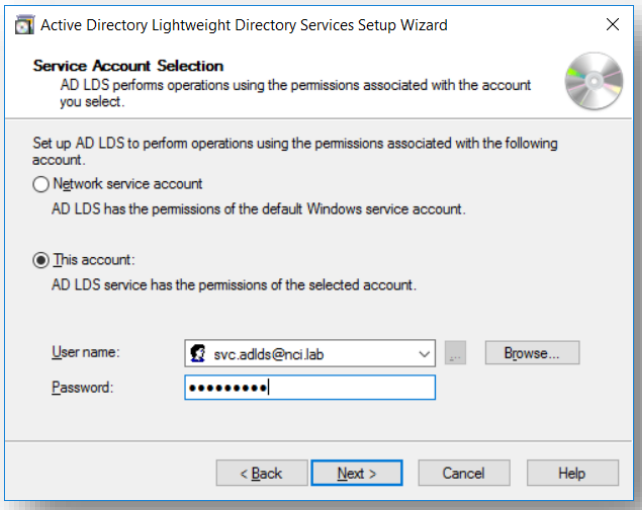


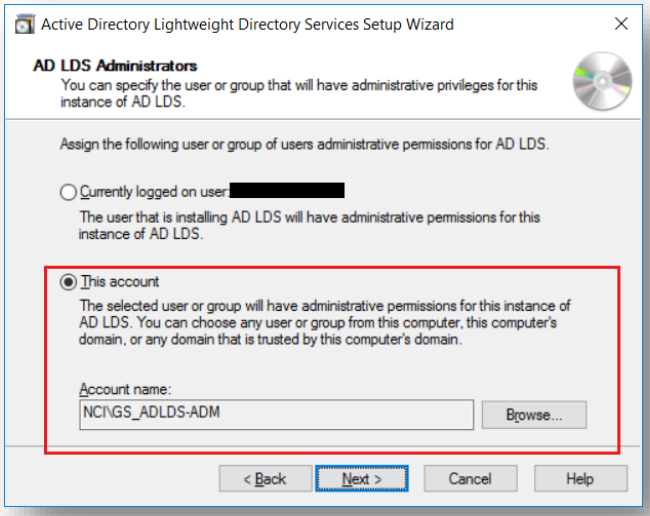


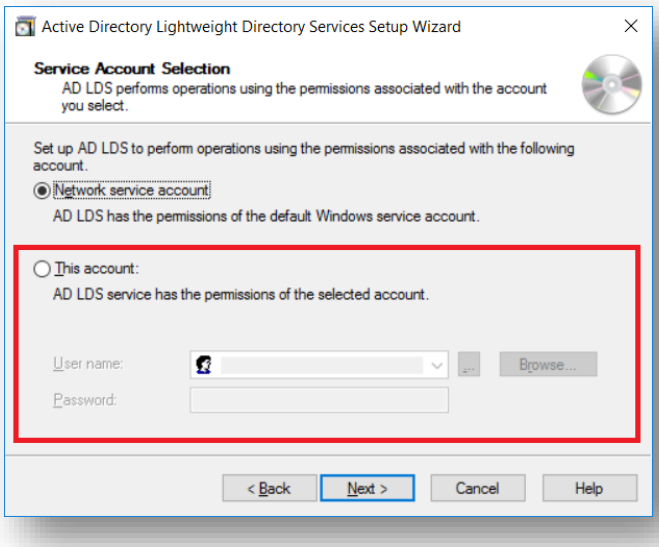


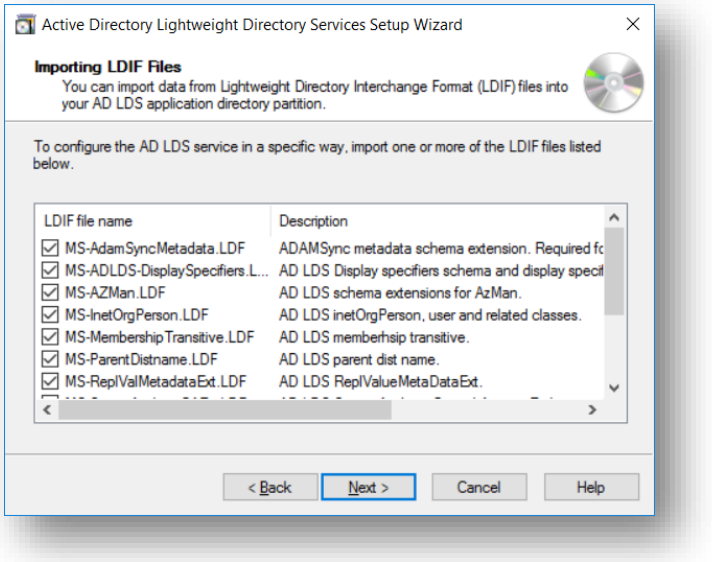
Vous avez la possibilité de créer ou non la partition dès à présent


Active Directory Lightweight Directory Services Setup Wizard
File Locations
You can specify a location for each type of file associated with this instance of AD LDS.
Specify the locations to store files associated with AD LDS.
Data files:
C:\Program Files\Microsoft ADAM\instance1\data
Browse...
Data recovery files:
C:\Program Files\Microsoft ADAM\instance1\data
Browse...
< Back
Next >
Cancel
Help

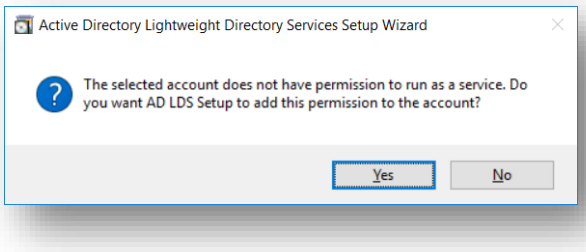

Active Directory Lightweight Directory Services Setup Wizard
Service Account Selection
AD LDS performs operations using the permissions associated with the account you select.
Set up AD LDS to perform operations using the permissions associated with the following account.
Network service account
AD LDS has the permissions of the default Windows service account.
This account:
AD LDS service has the permissions of the selected account.
User name:
svc.adlds@nci.lab
Browse...
Password:
< Back
Next >
Cancel
Help

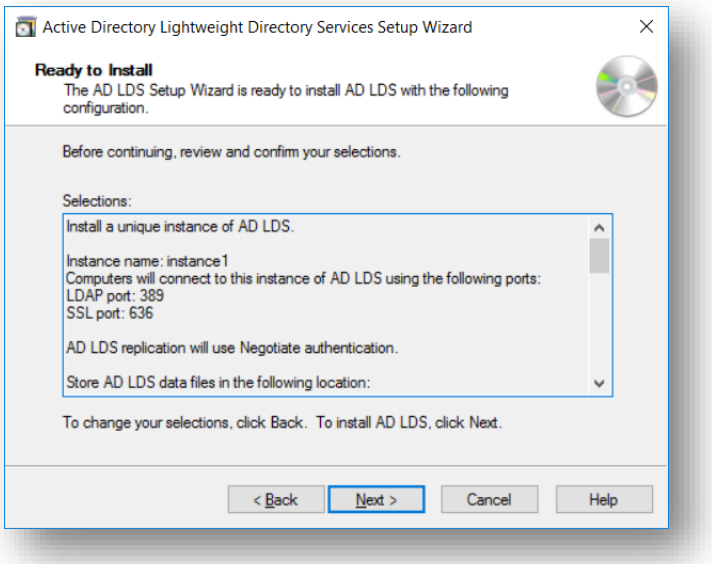

Active Directory Lightweight Directory Services Setup Wizard
AD LDS Administrators
You can specify the user or group that will have administrative privileges for this instance of AD LDS.
Assign the following user or group of users administrative permissions for AD LDS.
Currently logged on user:
The user that is installing AD LDS will have administrative permissions for this instance of AD LDS.
This account
The selected user or group will have administrative permissions for this instance of AD LDS. You can choose any user or group from this computer, this computer's domain, or any domain that is trusted by this computer's domain.
Account name:
NCINGS_ADLDS-ADM
Browse...
< Back
Next >
Cancel
Help

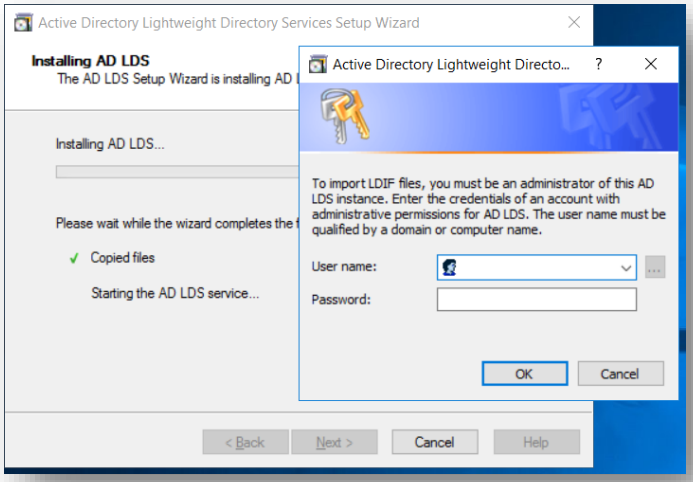

Active Directory Lightweight Directory Services Setup Wizard
Service Account Selection
AD LDS performs operations using the permissions associated with the account you select.
Set up AD LDS to perform operations using the permissions associated with the following account.
Network service account
AD LDS has the permissions of the default Windows service account.
This account:
AD LDS service has the permissions of the selected account.
User name:
Password:
Browse...
< Back
Next >
Cancel
Help

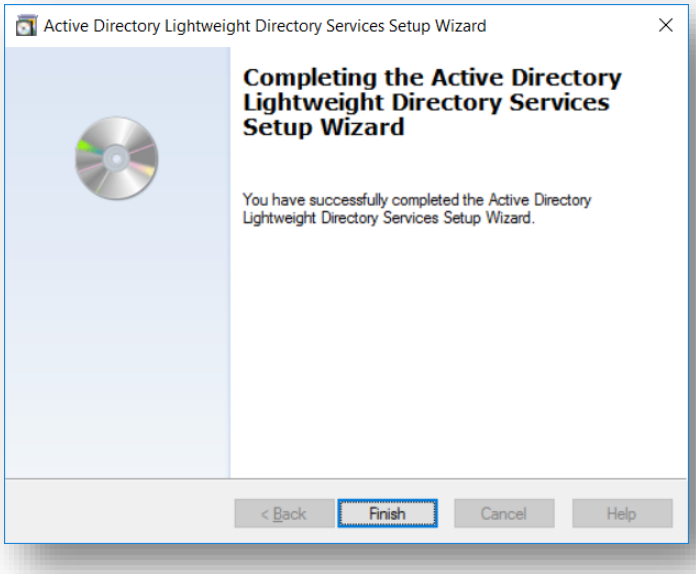


Ne pas tout choisir comme illustré. N'importez que ce qui est nécessaire. Vous avez la possibilité d'importer ultérieurement un fichier au formation LDF personnalisé





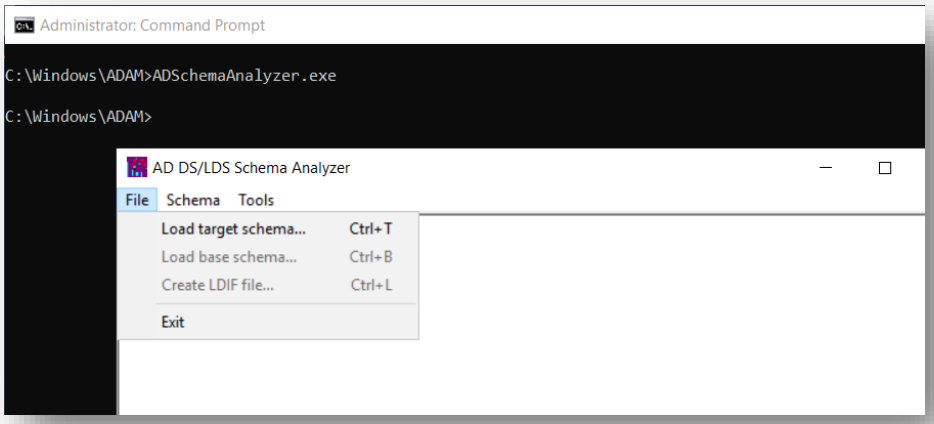

Active Directory Lightweight Directory Services Setup Wizard
Installing AD LDS
The AD LDS Setup Wizard is installing AD
Installing AD LDS...
Please wait while the wizard completes the
Copied files
Starting the AD LDS service...
< Back
Next >
Cancel
Help
Active Directory Lightweight Directo...
To import LDIF files, you must be an administrator of this AD LDS instance. Enter the credentials of an account with administrative permissions for AD LDS. The user name must be qualified by a domain or computer name.
User name:
Password:
OK
Cancel

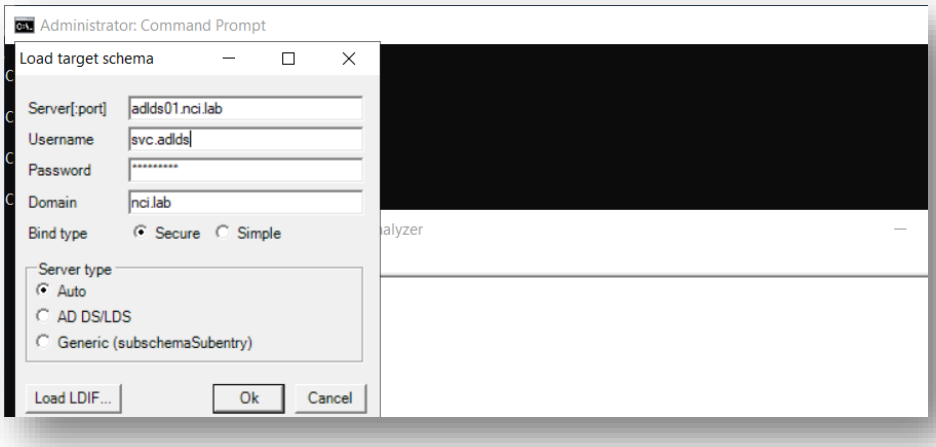

Active Directory Lightweight Directory Services Setup Wizard
Completing the Active Directory Lightweight Directory Services Setup Wizard
You have successfully completed the Active Directory Lightweight Directory Services Setup Wizard.
< Back
Finish
Cancel
Help

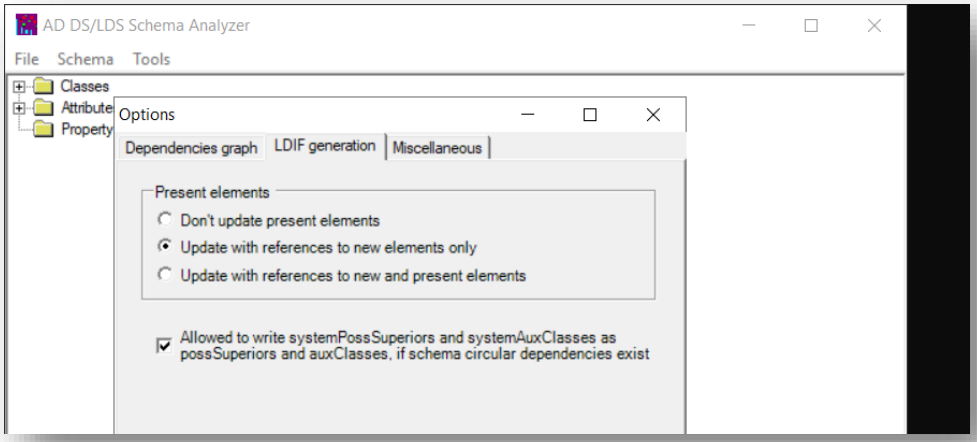
4. Analyse des Schémas

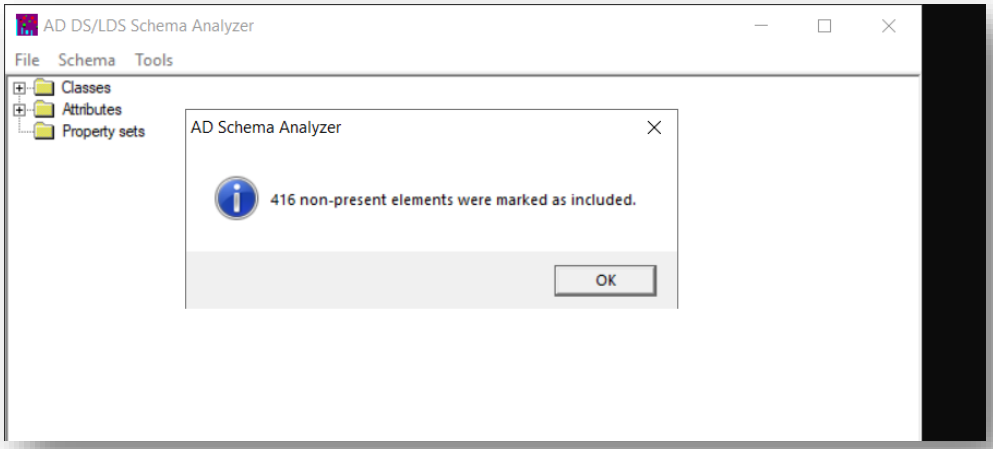
A l'aide de l'utilitaire ADAMSchemaAnalyzer vous pouvez créer un import LDIF personnalisé.
L'idée est la suivante :

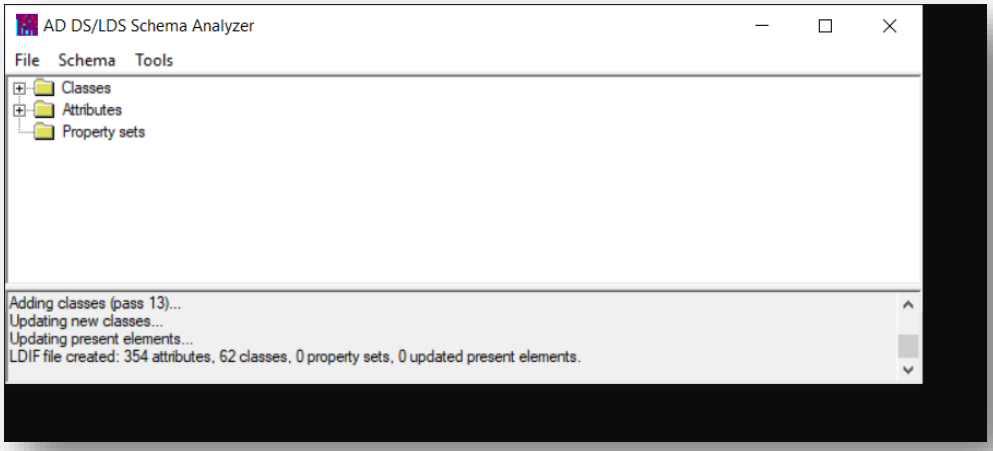
- Analyser le schéma côté Active Directory
- Analyser le schéma au niveau AD LDS
- Identifier le delta
- Générer le fichier LDF correspondant à ce delta
- Injecter le fichier LDF



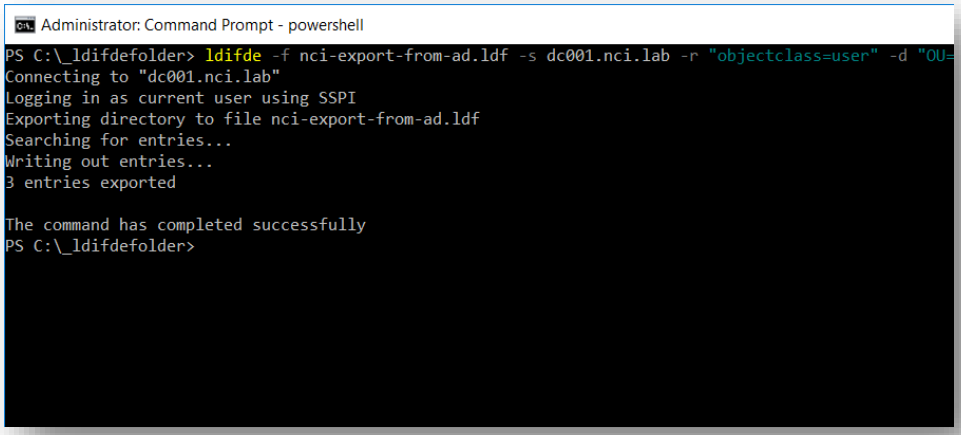




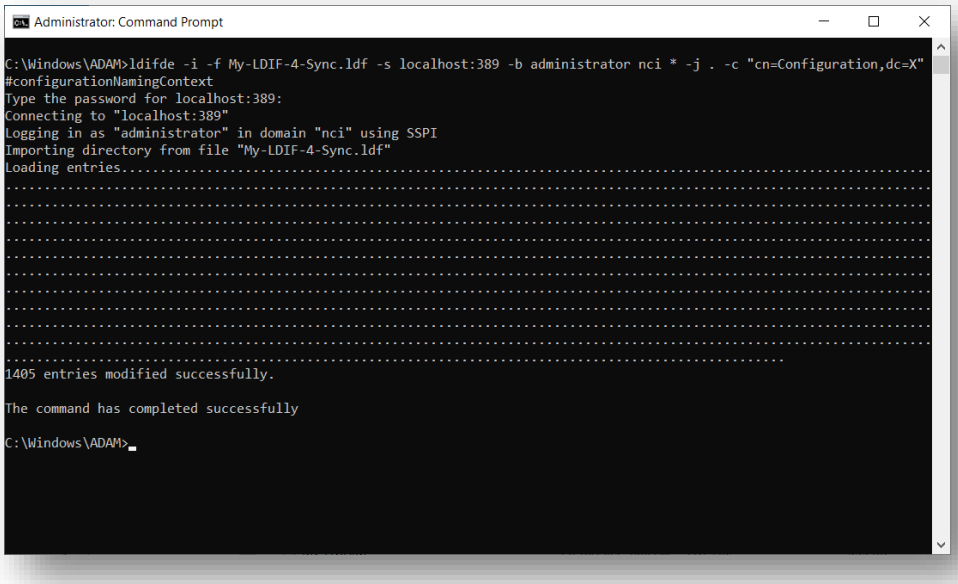




5. Exemple d'export LDIF



6. Exemple d'import LDIF



7. Synchronisation AD LDS

Cette configuration s'installe ou s'initialise si vous voulez via la une ligne de commande comme suit :

ADAMSync /install %servername% :%port% %XMLconfigurationfilename%

Vous devez donc préalablement éditer le fichier XML de configuration.

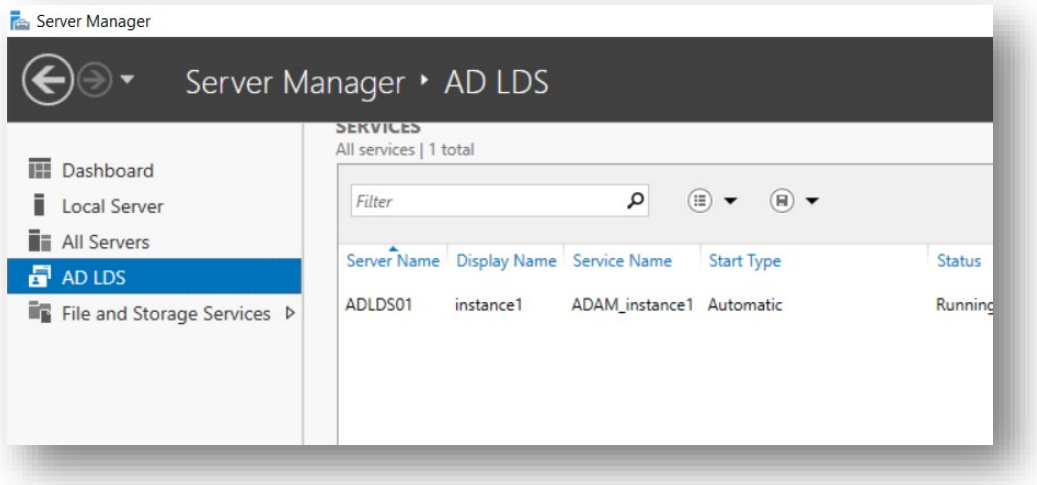
Il y a par la suite deux types de synchronisation, i.e. partiel ou complet (exemple disponible sur le site Web)

8. Gestion du service AD LDS

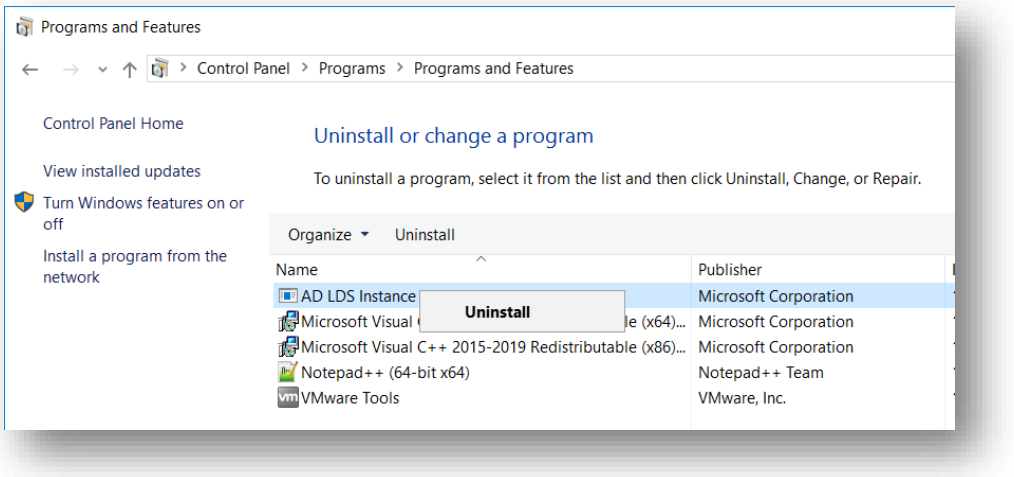
En faisant référence à notre exemple, voici deux commandes simples :

- Arrêt : **net stop Instance1**
- Démarrage : **net start Instance1**

Ces mêmes actions sont faisables via l'interface graphique au niveau du Server Manager (illustration ci-dessous)



9. Suppression de l'instance AD LDS



10. Suppression d'AD LDS

Inutile à documenter.