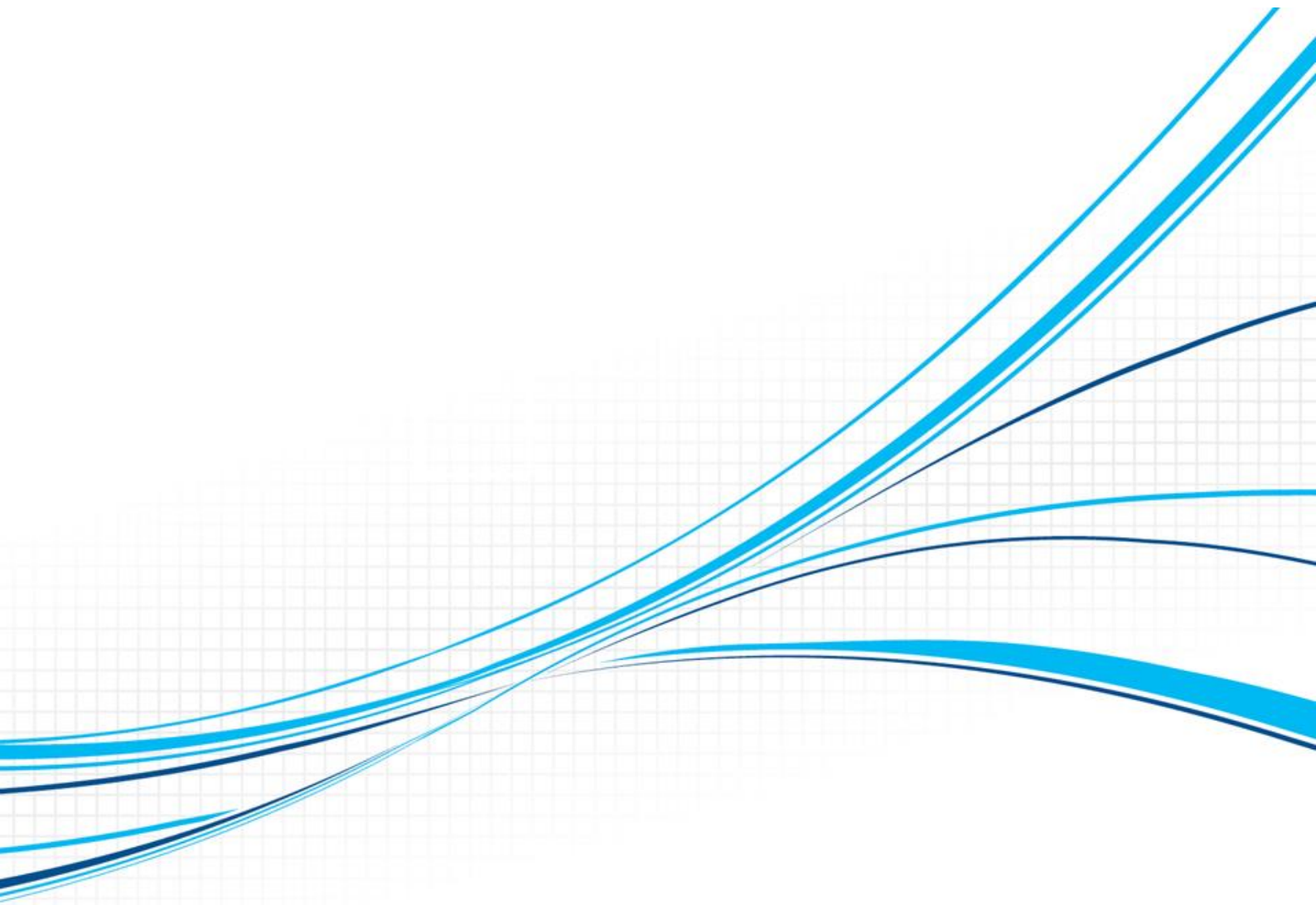


INSTALLATION-CONFIGURATION-EXPLOITATION

Quest Migration Manager for AD



Historique des révisions

V 1.0	04/11/2021	Noureddine AGAOUA	Version initiale
V1.5	23/11/2021	VILBERT Kevens	Ajout config Outlook pour s'authentifier

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2.1. MIGRATION ET SYNCHRONISATION DES COMPTES ET GROUPES AD VERS LE DOMAINE ANCV.LOCAL ..	ERREUR !
SIGNET NON DEFINI.	

2.1.1.	<i>Migration Comptes AD par import de fichier txt</i>	Erreur ! Signet non défini.
2.1.2.	<i>Migration Comptes AD par selection manuelle</i>	Erreur ! Signet non défini.
2.1.3.	<i>Migration Groupes AD par import de fichier txt</i>	Erreur ! Signet non défini.
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1. INTRODUCTION

1.1. Objectif

L'objectif du présent document vise à décrire la procédure de migration des Ordinateurs vers le nouveau domaine ancv.local

2. PROCEDURE

2.1. Migration des Ordinateurs vers le domaine Ancv.local

2.1.1. Prerequis

Avant de migrer une PC, il est impératif de suivre les étapes suivantes :

- Vérifier que le compte utilisateur possédant le PC à migrer, existe dans le nouveau domaine ancv.local
- Vérifier sur le DNS ancv.local s'il y a un enregistrement DNS statique du PC ,si oui le supprimer
- Désactiver l'antivirus Kaspersky
- Modifier les partages reseaux en remplaçant le chemin par l'@IP
- Verifier si le PC est connecter en filaire (pas de wifi ni de VPN)
- Vérifier à partir du serveur QMM (SRV-PRD-QMM-001.ancv.local) si les pare feu du PC sont actives ou non
 - Ping < FQDN du Pc à migrer >

```
PS C:\Users\scc1> ping new-041.ancv.com
Envoi d'une requête 'ping' sur new-041.ancv.com [172.16.69.6] avec 32 octets de données :
Réponse de 172.16.69.6 : octets=32 temps=6 ms TTL=119
Réponse de 172.16.69.6 : octets=32 temps=14 ms TTL=119
Réponse de 172.16.69.6 : octets=32 temps=8 ms TTL=119
Réponse de 172.16.69.6 : octets=32 temps=13 ms TTL=119
```

Important : Si le Ping est sans réponse vérifier si le pare-feu Windows est activé

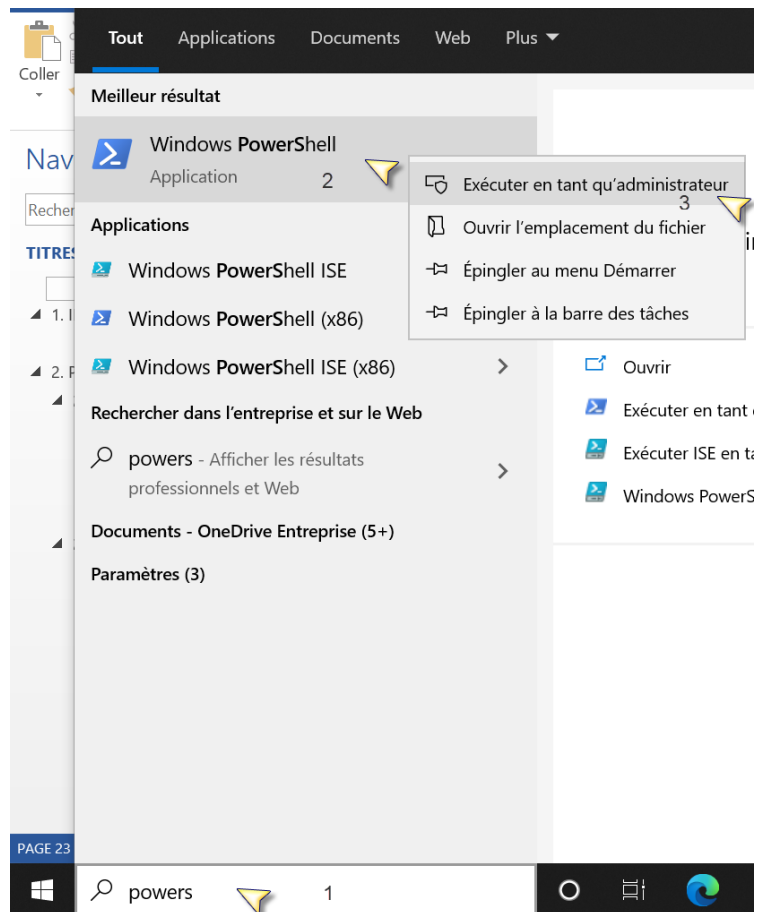
Se déplacer chez l'utilisateur est désactiver le Pare-feu Windows

Tester en local avec la commande **Get-NetFirewallProfile**

```
PS C:\Users\kvilber> Get-NetFirewallProfile | select name,enabled
name      Enabled
-----
Domain    True
Private   True
Public    True
```

Si c'est le cas comme on le voit sur la figure ci-dessus, désactiver le **Pare-feu Windows**

Lancer une fenêtre PowerShell en tant qu'administrateur



Exécuter : netsh advfirewall set allprofiles state off

```
Administrateur : Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. Tous droits réservés.

Testez le nouveau système multiplateforme PowerShell https://aka.ms/pscore6

PS C:\WINDOWS\system32> netsh advfirewall set allprofiles state off
```

```
Windows PowerShell
Copyright (C) Microsoft Corporation. Tous droits réservés.

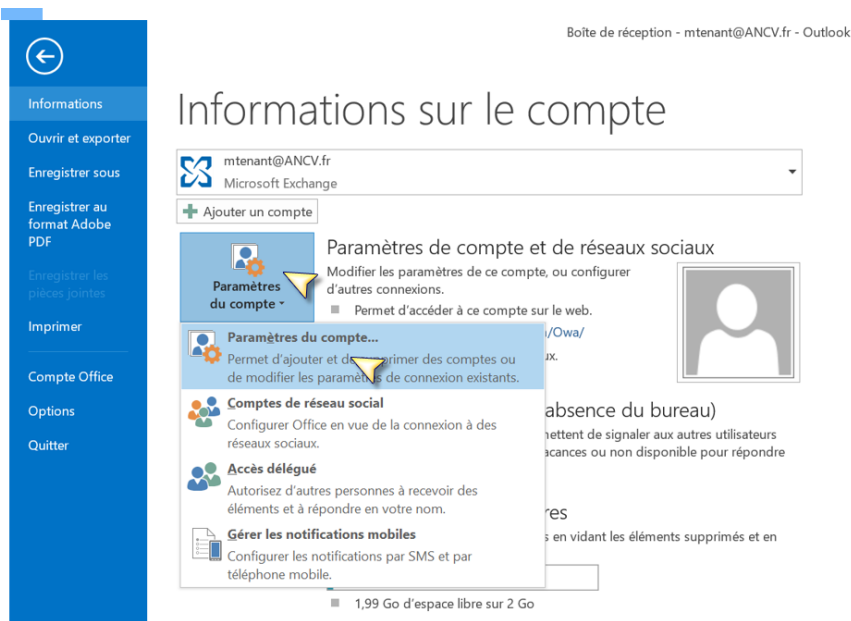
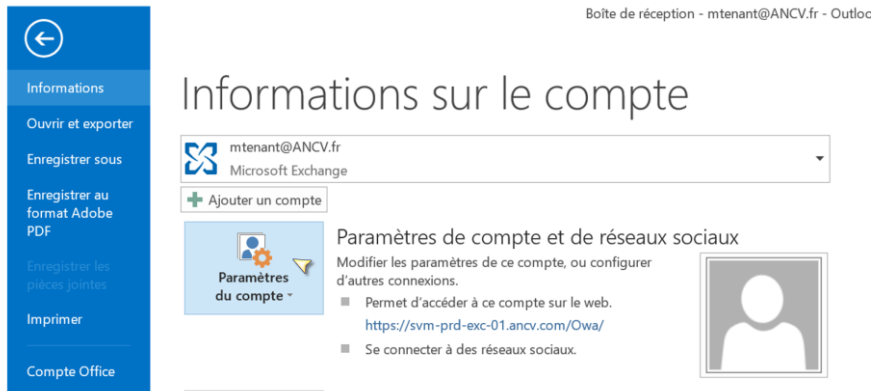
Testez le nouveau système multiplateforme PowerShell https://aka.ms/pscore6

PS C:\WINDOWS\system32> netsh advfirewall set allprofiles state off
ok.
```

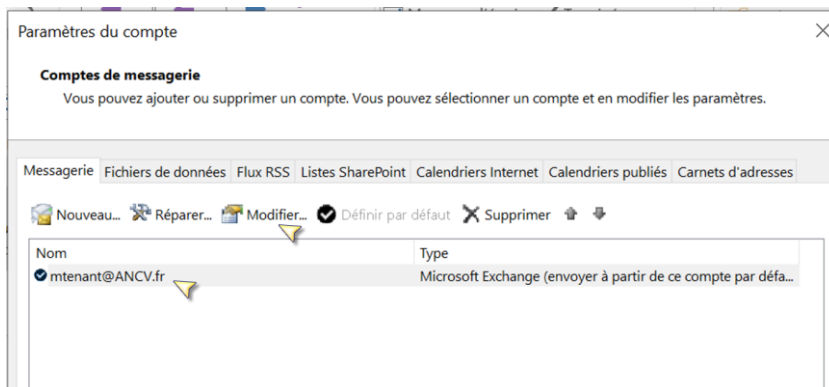
Re-tester le ping à partir du serveur QMM pour valider la desactivation du Pare-Feu Windows

- Modifier la configuration du compte Outlook

Client Outlook ---fichier ----paramètres du compte



Sélectionner le compte ----- Modifier



Paramètres supplémentaires

Changer de compte

Paramètres du serveur
Entrez les paramètres de Microsoft Exchange Server pour votre compte.

Paramètres du serveur

Serveur : SVM-PRD-EXC-01.ancv.com

Nom d'utilisateur : mtenant@ANCV.fr

Vérification du nom

Paramètres hors connexion

Utiliser le mode Exchange mis en cache

Courrier à conserver en mode hors connexion : Tout

Paramètres supplémentaires...

< Précédent Suivant > Annuler

Anglet sécurité ---cochez la case Demander les informations d'identifications ---valider par OK

Microsoft Exchange

Général Avancé Sécurité Connexion

Chiffrement

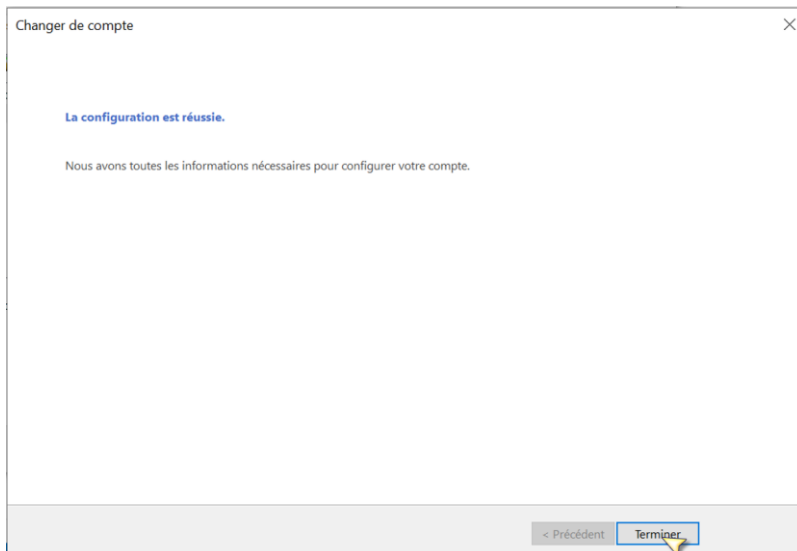
Chiffrer les informations entre Microsoft Outlook et Microsoft Exchange

Identification utilisateur

Demander les informations d'identification

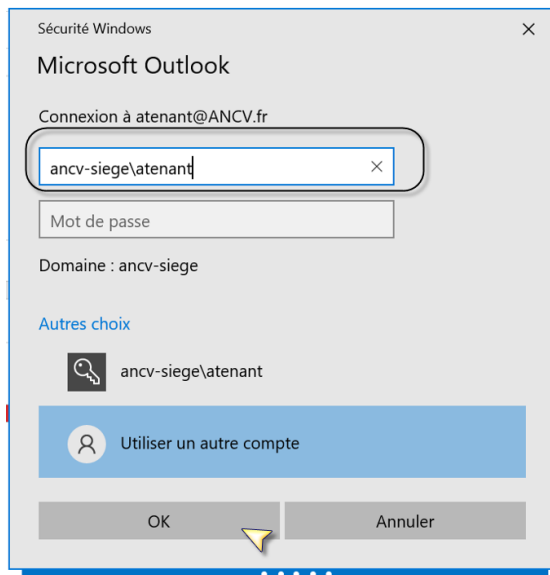
Sécurité de connexion au réseau :

Authentification par négociation



Fermer Outlook , relancer Outlook

S'authentifier avec le compte du domaine source ancv-siege comme nous le voyant sur l'imprim-ecran

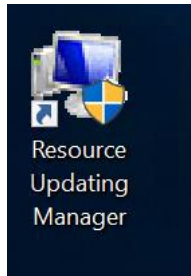


2.1.1. Procédure de migration des ordinateurs

Le processus de migration comporte 4 étapes

- Discovery : installation de l'agent QMM
- Processing (1) : Récupération du profil (Partage, Imprimante, file system, Clé de Registre)
- Processing (2) : Récupération du profil (Local, itinérant)
- Move : Déplacement de l'ordinateur vers le domaine ancv.local

A partir du serveur QMM, lancer Resource Updating Manager

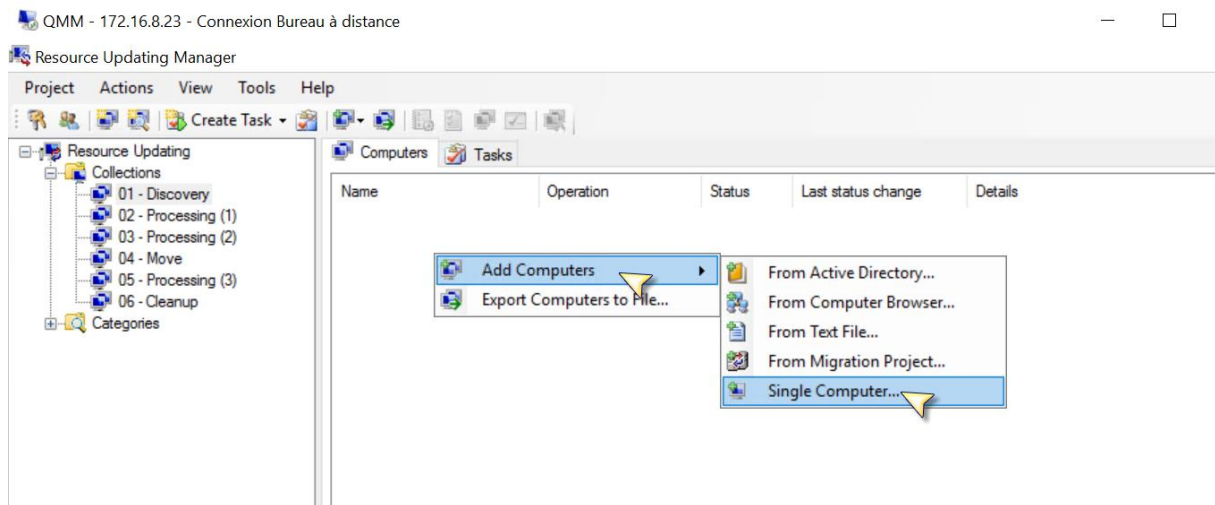


1. Discovery

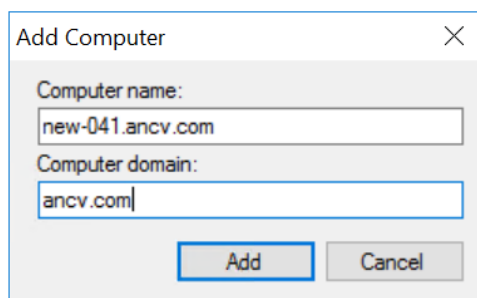
Sélectionner 01 – Discovery

Ajouter les ordinateurs à migrer un par un

Add Computers ----- Single Computer

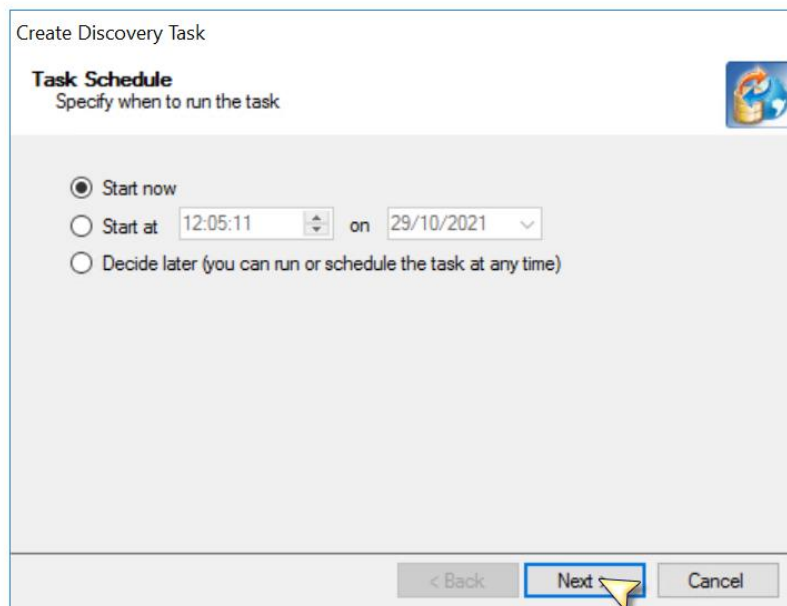
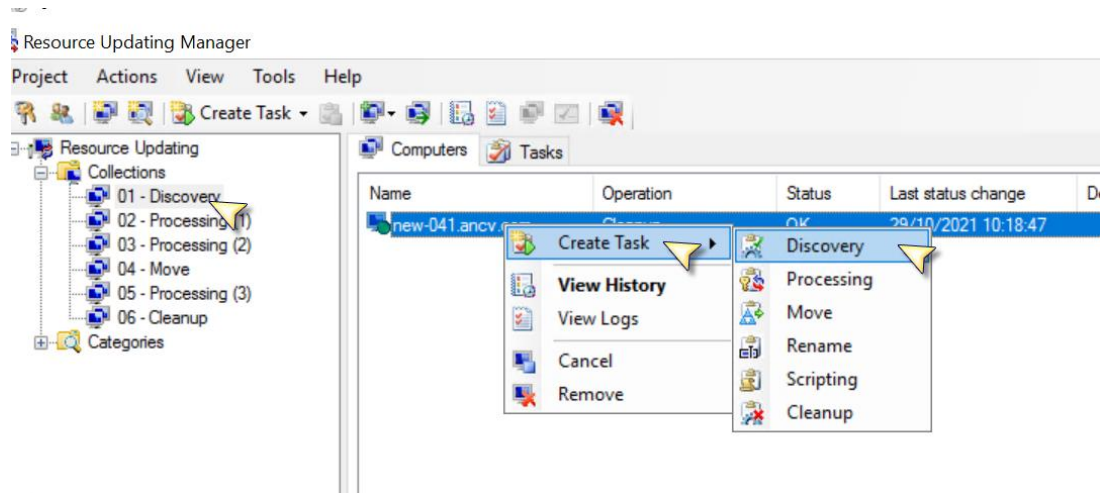


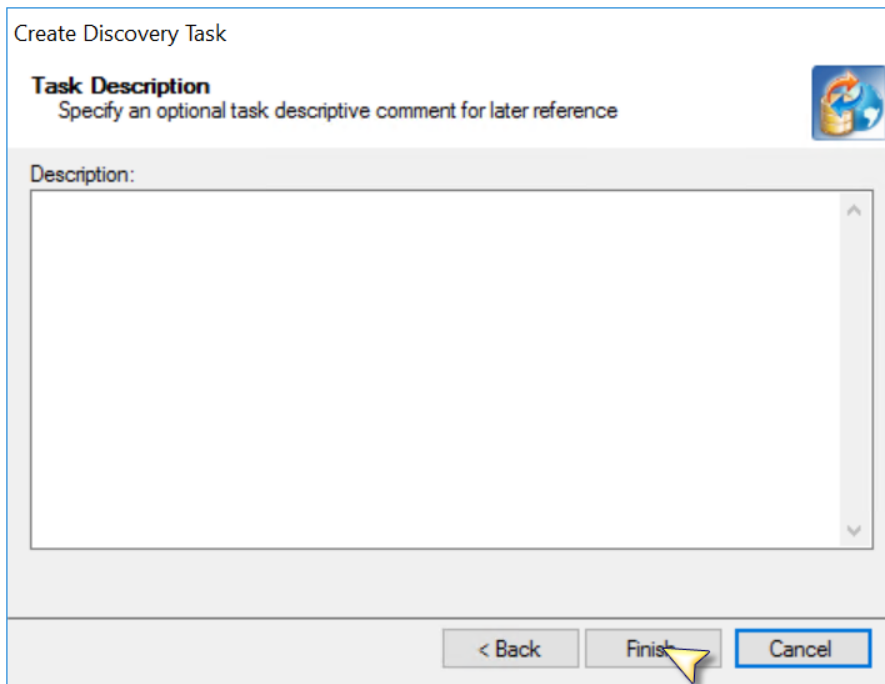
Renseigner le FQDN de l'ordinateur et le domaine



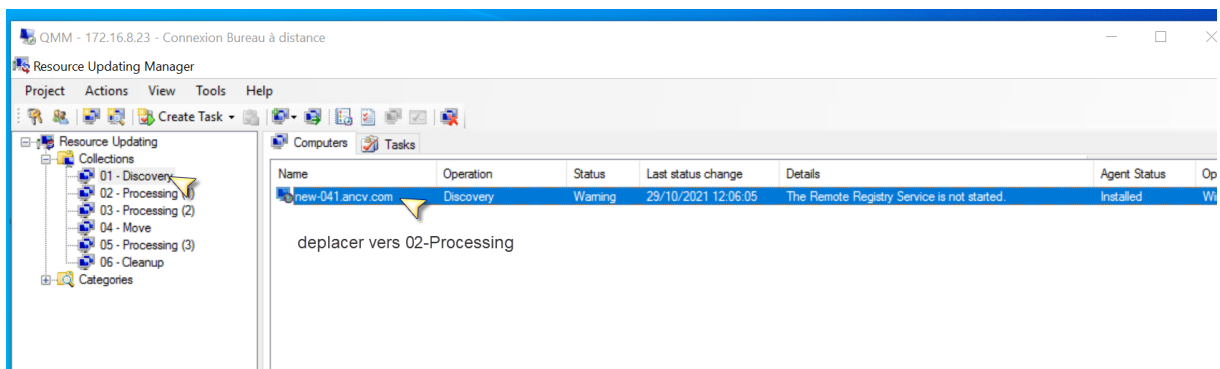
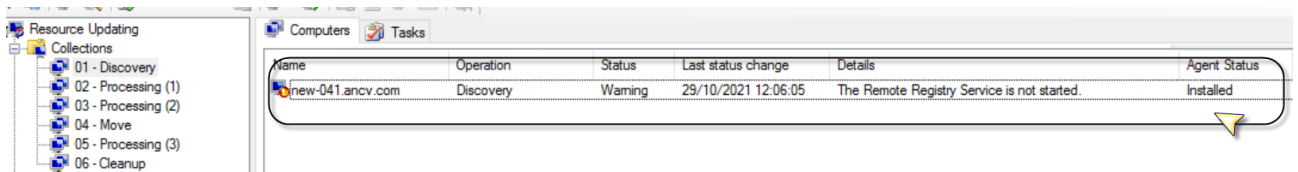
Le PC est listé dans la fenêtre a droite

Sélectionner le PC ----- Create Task ----- Discovery



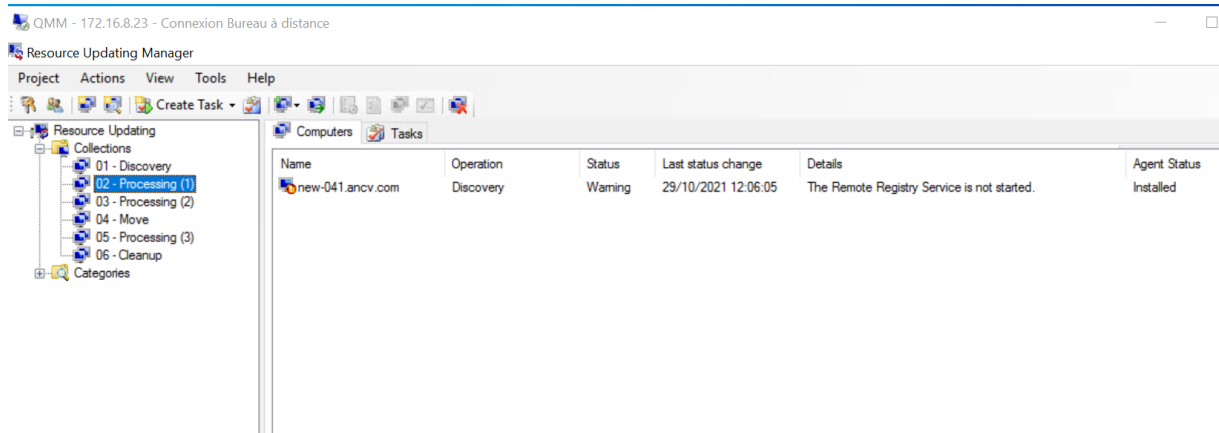


Si le status est en Warning c'est que l'agent Quest est bien installé.

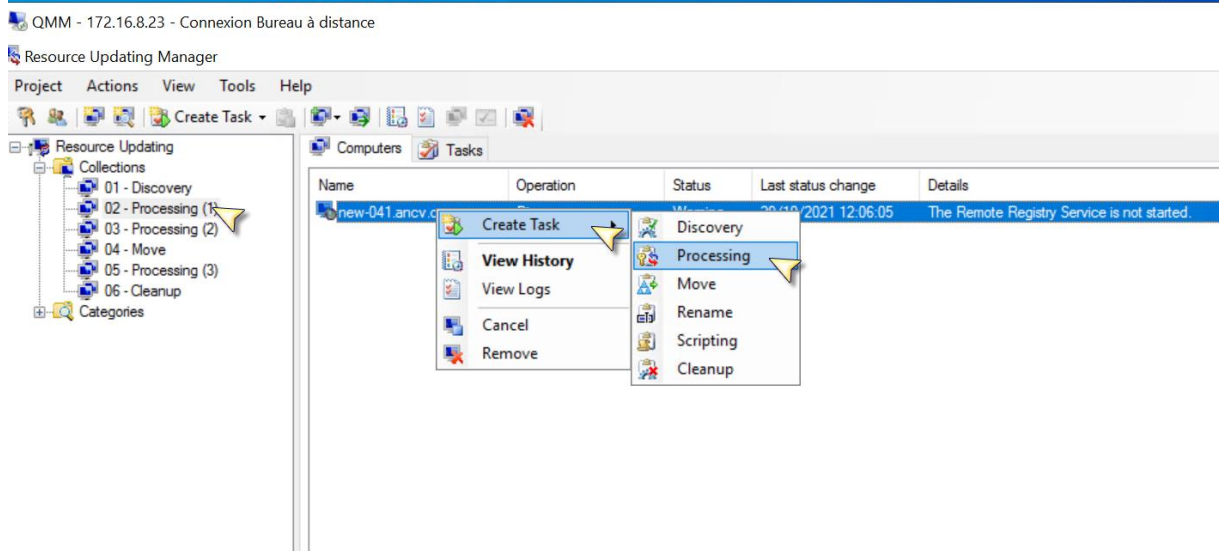


2. Processing (1)

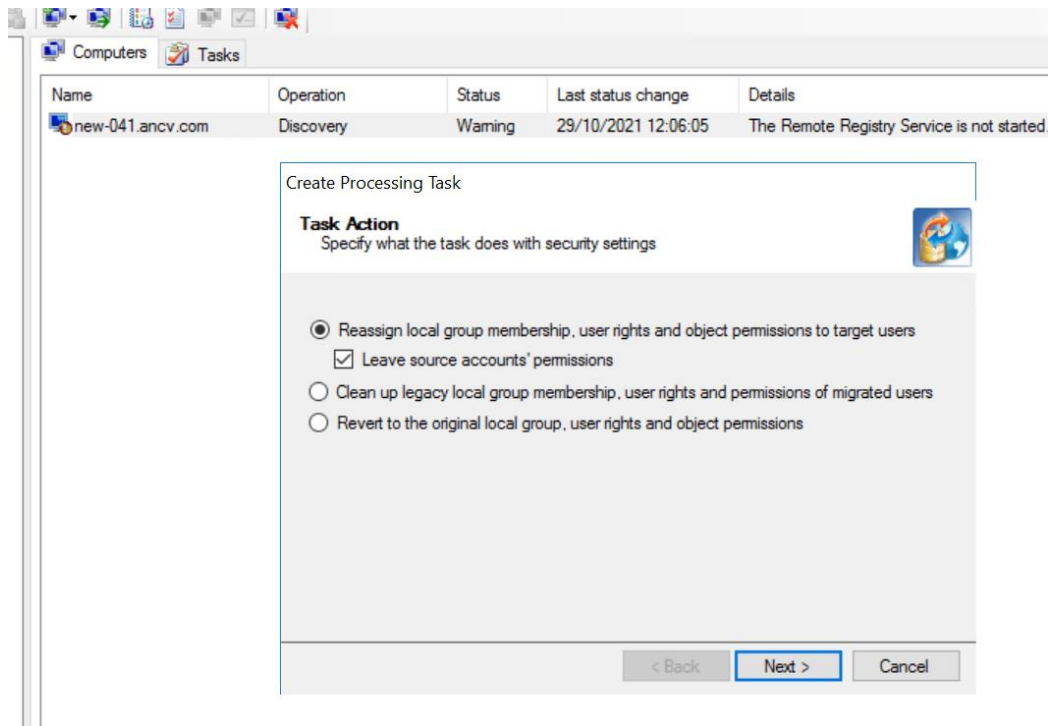
Deplacer l'ordinateurs dans 02- Processing (1)



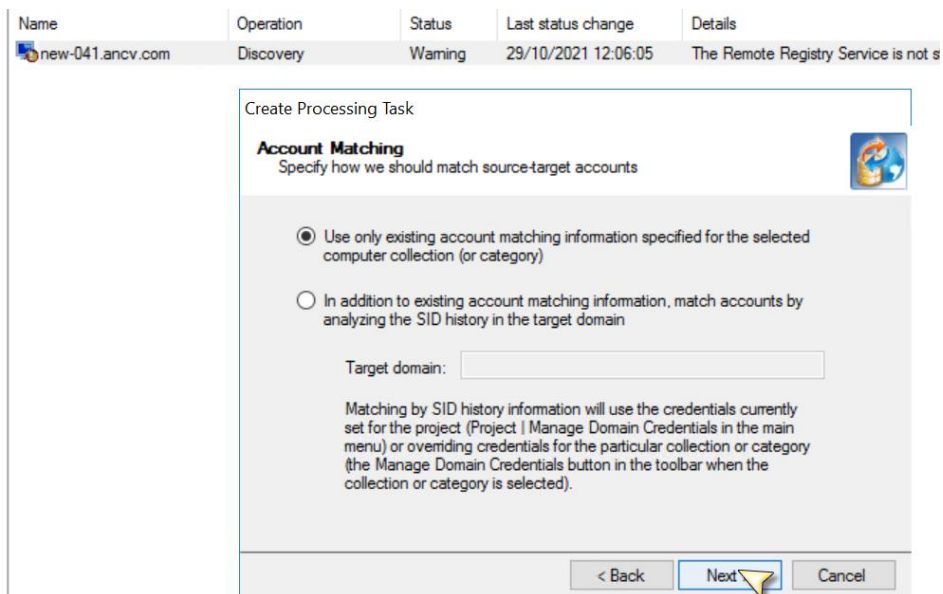
Sélectionner le PC ----- Create Task ----- Processing



---> Next



--→Next



Dé-selectionner les cases :

- Local profiles
- Roaming profiles
- Service accounts

- Scheduled tasks

----->Next

	Operation	Status	Last status change	Details
com	Discovery	Warning	29/10/2021 12:06:05	The Remote Registry Service is not started.

Create Processing Task

Handling Rights and Resources
Select the types of rights and resources to process

Select the rights to process:

Local group membership Service accounts
 User rights Scheduled tasks

Select the resources to process:

Local profiles Shares
 Roaming profiles Printers
 Registry COM+
 File system DCOM
 File ownership IIS

[Select All](#) [Deselect All](#)

< Back **Next >** Cancel

-->Next

Create Processing Task

Advanced Options
Configure additional options for the task

Perform the task remotely (without agents)

Run this script before task execution:
 Browse...

Run this script after task execution:
 Browse...

Show processing progress for individual computers

< Back **Next >** Cancel

-->Next

Create Processing Task

Task Schedule and Timeout
Specify when to run the task. Optionally, extend the timeout for the task.

Start now

Start at 12:28:30 on 29/10/2021

Decide later (you can run or schedule the task at any time)

Some computers may not be accessible at the task start time. In that case, when should the task be considered failed for these computers?

Immediately

After it has been pending for 1 hours 0 minutes

< Back Next > Cancel

---> Finish

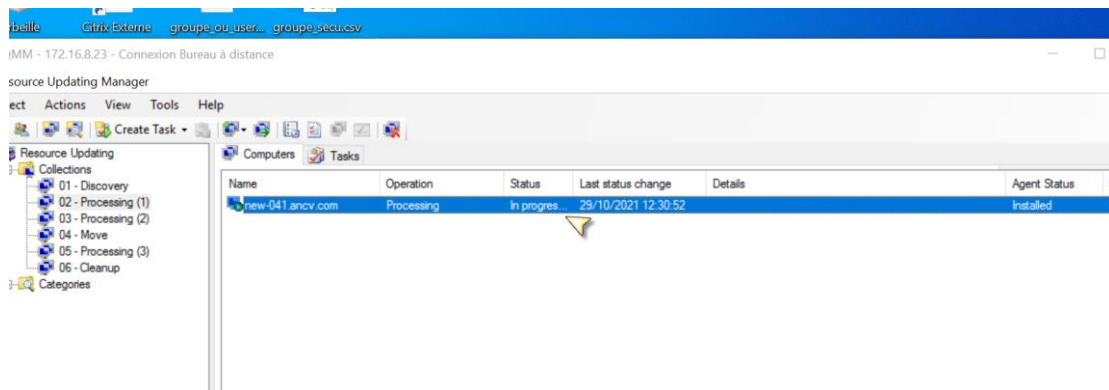
Create Processing Task

Task Description
Specify an optional task descriptive comment for later reference

Description:

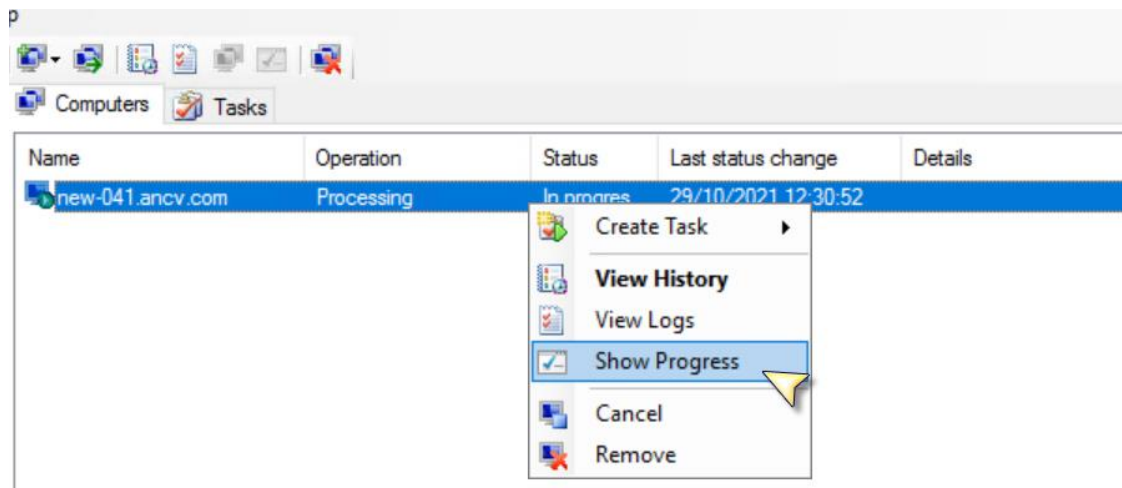
< Back Finish > Cancel

Le processus de recuperation de Profile demarre (In Progress)



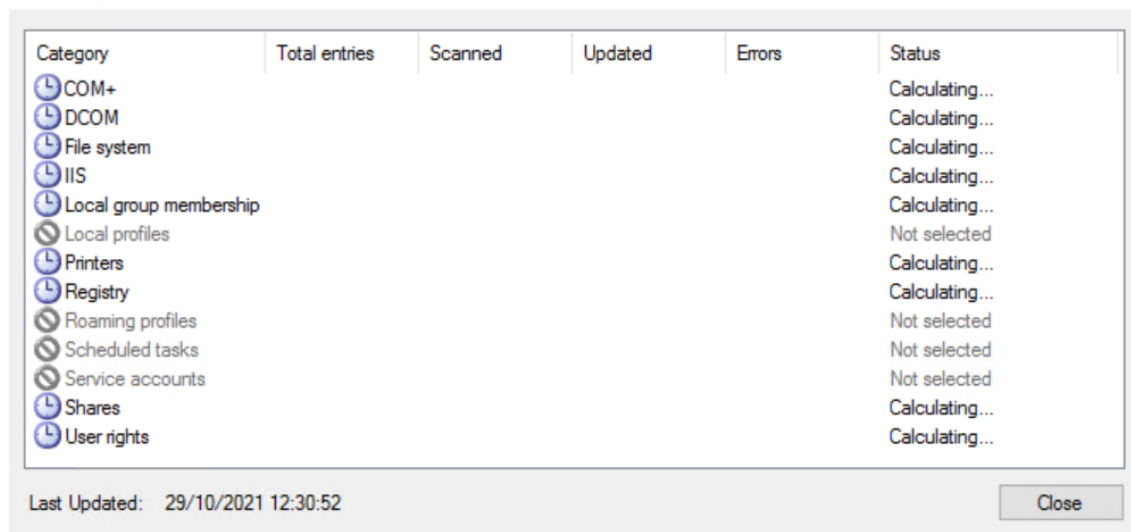
Afin de suivre la progression du processus

Selectionner le PC -----Clique droit -----Show Progress



Progression du processus

Processing Details - new-041.ancv.com (Estimating)



Progression du processus

Processing Details - new-041.ancv.com (74%)

Category	Total entries	Scanned	Updated	Errors	Status
COM+	5				Pending
DCOM	511				Pending
File system	489598	489598	29693	1	Completed with errors
IIS	0				Pending
Local group membership	22	22			Completed
Local profiles					Not selected
Printers	8	8	3		Completed
Registry	726558	412008	228		In progress...
Roaming profiles					Not selected
Scheduled tasks					Not selected
Service accounts					Not selected
Shares	1				Pending
User rights	15	15			Completed

Last Updated: 29/10/2021 12:43:22 Estimated Time Left: 3 minute(s) Close

Fin du processus , car tout est en **completed**

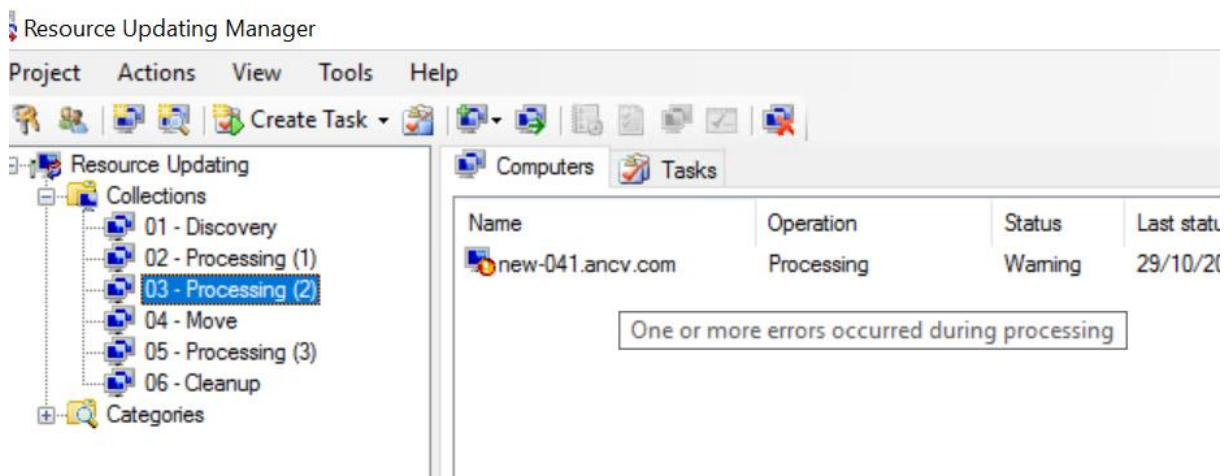
Processing Details - new-041.ancv.com (100%)

Category	Total entries	Scanned	Updated	Errors	Status
COM+	5	5			Completed
DCOM	511	511			Completed
File system	489598	489598	29693	1	Completed with errors
IIS	0	0			Completed
Local group membership	22	22			Completed
Local profiles					Not selected
Printers	8	8	3		Completed
Registry	726560	726560	18686	14	Completed with errors
Roaming profiles					Not selected
Scheduled tasks					Not selected
Service accounts					Not selected
Shares	1	1			Completed
User rights	15	15			Completed

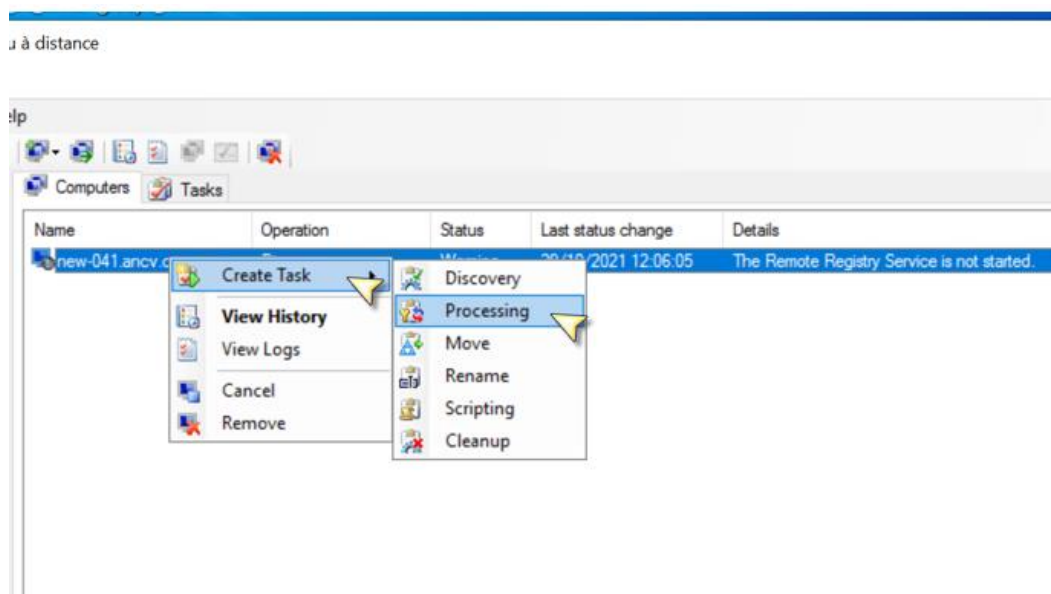
Last Updated: 29/10/2021 12:44:48 Close

3. Processing (2)

Déplacer l'ordinateurs dans 03- Processing (2)



Sélectionner le PC ----- Create Task ----- Processing



Sélectionner uniquement :

- Local profiles
 - Roaming profiles
 - Service accounts
 - Scheduled tasks
- Next

Create Processing Task

Handling Rights and Resources
Select the types of rights and resources to process

Select the rights to process:

<input type="checkbox"/> Local group membership	<input checked="" type="checkbox"/> Service accounts
<input type="checkbox"/> User rights	<input checked="" type="checkbox"/> Scheduled tasks

Select the resources to process:

<input checked="" type="checkbox"/> Local profiles	<input type="checkbox"/> Shares
<input checked="" type="checkbox"/> Roaming profiles	<input type="checkbox"/> Printers
<input type="checkbox"/> Registry	<input type="checkbox"/> COM+
<input type="checkbox"/> File system	<input type="checkbox"/> DCOM
<input type="checkbox"/> File ownership	<input type="checkbox"/> IIS

[Select All](#) [Deselect All](#)

< Back **Next >** Cancel

Create Processing Task

Advanced Options
Configure additional options for the task

Perform the task remotely (without agents)

Run this script before task execution:

Run this script after task execution:

Show processing progress for individual computers

< Back **Next >** Cancel

Create Processing Task

Task Schedule and Timeout
Specify when to run the task. Optionally, extend the timeout for the task.

Start now

Start at 12:28:30 on 29/10/2021

Decide later (you can run or schedule the task at any time)

Some computers may not be accessible at the task start time. In that case, when should the task be considered failed for these computers?

Immediately

After it has been pending for 1 hours 0 minutes

< Back Next Cancel

---> Finish

Create Processing Task

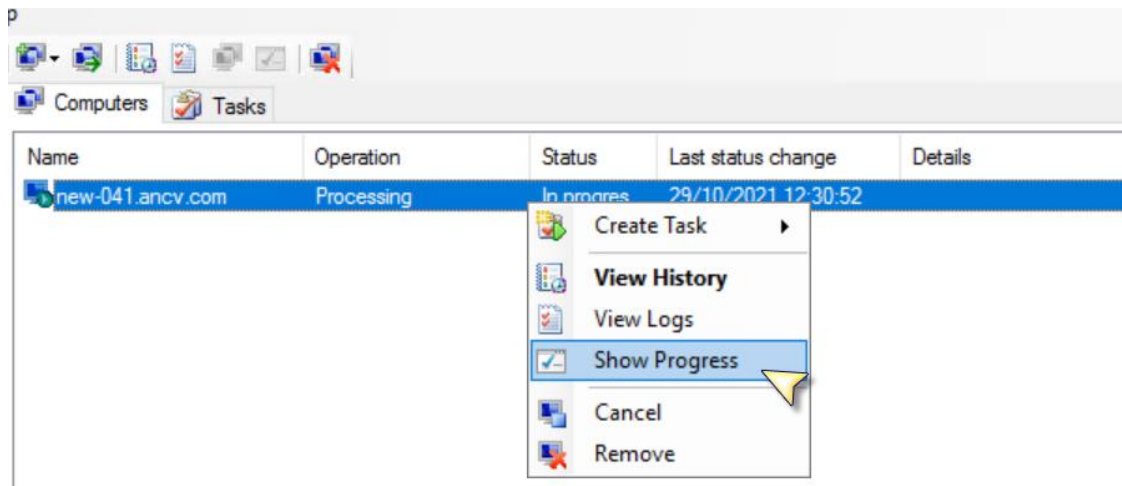
Task Description
Specify an optional task descriptive comment for later reference

Description:

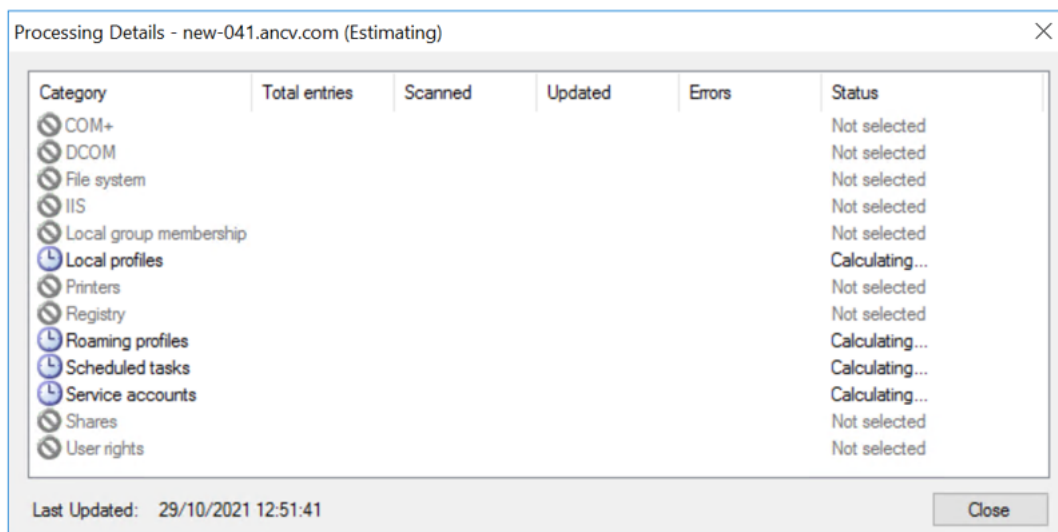
< Back Finish Cancel

Afin de suivre la progression du processus

Selectionner le PC -----Clique droit -----Show Progress



Progression du processus (Quatres Process)



Fin du processus , car tout est en **completed**

Processing Details - new-041.ancv.com (100%)

Category	Total entries	Scanned	Updated	Errors	Status
COM+					Not selected
DCOM					Not selected
File system					Not selected
IIS					Not selected
Local group membership					Not selected
Local profiles	13	13	3	12	Completed with errors
Printers					Not selected
Registry					Not selected
Roaming profiles	1	1			Completed
Scheduled tasks	221	221	3		Completed
Service accounts	871	871			Completed
Shares					Not selected
User rights					Not selected

Last Updated: 29/10/2021 12:53:12

Close

A ce stade le processus de recuperation du Profil est Terminé

ATTENTION : Si vous avez lancé le Processing (2) vous devez impérativement lancer la tache MOVE dans la foulée

4. Move

Deplacer l'ordinateurs dans 04- Move

Corbeille Citrix Externe groupe ou user... groupe secursv

QMM - 172.16.8.23 - Connexion Bureau à distance

Resource Updating Manager

Project Actions View Tools Help

Create Task

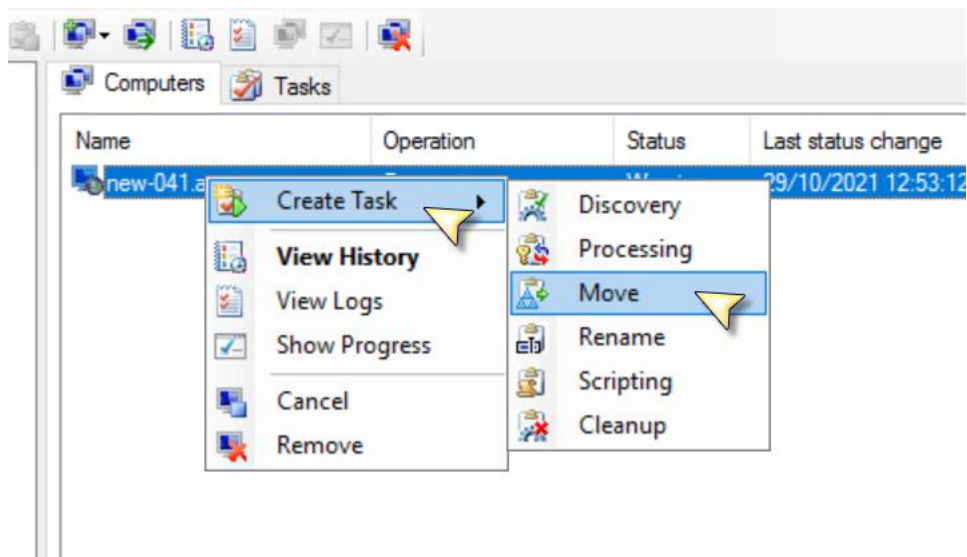
Resource Updating

- Collections
 - 01 - Discovery
 - 02 - Processing (1)
 - 03 - Processing (2)
 - 04 - Move**
 - 05 - Processing (3)
 - 06 - Cleanup
- Categories

Computers Tasks

Name	Operation	Status	Last status char
new-041.ancv.com	Processing	Warning	29/10/2021 12

Sélectionner le PC ----- Create Task ----- Move



- Renseigner le domaine cible ancv.local(n'utilisez pas le bouton Select, taper manuellement)
 - Renseigner l'OU cible dans le domaine ancv.local (utiliser Browse)
- Next

Create Move Task

Move Options

Specify where and how to move computers



Move computers to the following target domain:

ancv.local

Select...

Create the computer object in this OU in the target domain (optional):

OU=pc_portable,DC=ANCV,DC=LOCAL

Browse...

Change last logged-in domain to the target domain

Preserve computer account in the source domain

< Back

Next >

Cancel

---> Next

Create Move Task

Grant Local Administrator Privileges

Select accounts to be added to the local Administrator group on the computers



Account Name

Add...

Remove

< Back

Next >

Cancel

---> Next

Create Move Task

Computer Restart Options
Configure when the computers are restarted to complete the move

Restart computers and display the following message to the logged-on users

Votre Ordinateur va redemarrer dans 1 mn, sauvegardez votre travail |

Delay restart by minutes

Force applications with unsaved changes to be closed

Modifier le message

Cocher la case

< Back Next > Cancel

----> Next

Create Move Task

Advanced Options
Configure additional options for the task

Perform the task remotely (without agents) Ne doivent pas être coché

Run this script before task execution:

Browse...

Run this script after task execution:

Browse...

< Back Next > Cancel

---> Next

Create Move Task

Task Schedule and Timeout
Specify when to run the task. Optionally, extend the timeout for the task.

Start now

Start at 12:56:08 on 29/10/2021

Decide later (you can run or schedule the task at any time)

Some computers may not be accessible at the task start time. In that case, when should the task be considered failed for these computers?

Immediately

After it has been pending for 1 hours 0 minutes

< Back Next > Cancel

---> Finish

Create Move Task

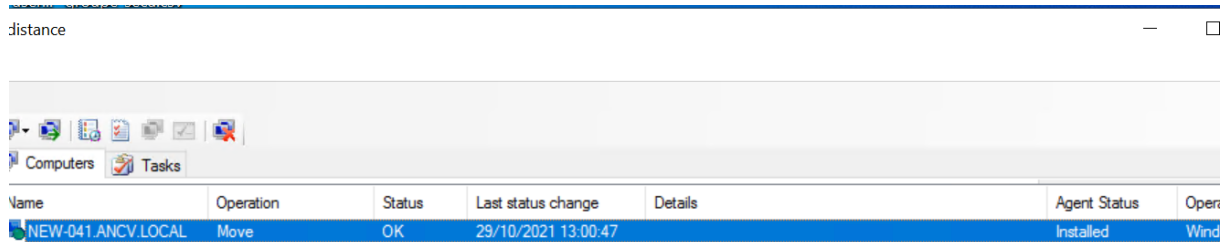
Task Description
Specify an optional task descriptive comment for later reference

Description:

< Back Finish Cancel

Verifier la tache de deplacement (Move)

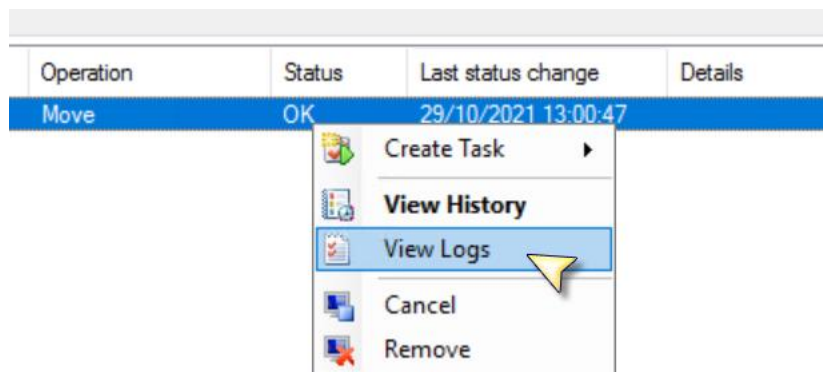
Si le status est en OK , l'operation a reussi



distance

Name	Operation	Status	Last status change	Details	Agent Status	Oper
NEW-041.ANCV.LOCAL	Move	OK	29/10/2021 13:00:47		Installed	Wind

Consulter le fichier LOG



Operation	Status	Last status change	Details
Move	OK	29/10/2021 13:00:47	

- Create Task
- View History
- View Logs
- Cancel
- Remove

Le fichier log :

```
29/10/2021 13:00:40 6084 Joining computer to domain ancv.local using account ANCV\svc_qmm_cible from target domain.
29/10/2021 13:00:46 6084 Reading current host's DNS domain.
29/10/2021 13:00:46 6084 Host's DNS domain: ANCV.LOCAL.
29/10/2021 13:00:46 6084 Migrating Windows BitLocker Drive Encryption recovery information for the computer NEW-041.
29/10/2021 13:00:46 6084 Disabling account NEW-041 from SVM-PRD-AD-02.ancv.com.
29/10/2021 13:00:46 6084 Disabling computer object: CN=NEW-041,OU=pc_portable,DC=ancv,DC=com.
29/10/2021 13:00:46 6084 Modifying object CN=NEW-041,OU=pc_portable,DC=ancv,DC=com
29/10/2021 13:00:46 6084 userAccountControl
29/10/2021 13:00:46 6084 update 4098
29/10/2021 13:00:46 6084 modification successful
29/10/2021 13:00:46 6084 Changing last logged-in domain for logon dialog box.
29/10/2021 13:00:46 6084 Setting new last logged-in domain.
29/10/2021 13:00:46 6084 Checking current last logged-in user name.
29/10/2021 13:00:46 6084 Current last logged-in user: ANCV-SIEGE\atenant.
29/10/2021 13:00:46 6084 Looking up account in migration project database on controller by sAMAccountName: ANCV-SIEGE\atenant.
29/10/2021 13:00:46 6084 Initializing connection to Quest Migration Manager RUM Controller Service at \\SVM-PRD-QMM-001.
29/10/2021 13:00:46 6084 Closing connection to Quest Migration Manager RUM Controller Service.
29/10/2021 13:00:46 6084 Account found: atenant.
29/10/2021 13:00:46 6084 Setting last logged-in user to ancv.local\atenant.
29/10/2021 13:00:46 6084 Current last logged-in user: ANCV-SIEGE\atenant.
29/10/2021 13:00:46 6084 Setting last logged-in user to ancv.local\atenant.
29/10/2021 13:00:46 6084 Processing account links.
29/10/2021 13:00:46 6084 Processing source links using DC: SVM-PRD-AD-02.ancv.com.
29/10/2021 13:00:48 6084 Processing target links using DC: SVM-PRD-AD-005.ANCV.LOCAL.
29/10/2021 13:00:48 6084 Changing account for resource updating agent.
29/10/2021 13:00:48 6084 Move completed successfully. |
```

L'Utilisateur recoit la fenetre d'avertissement lui stipulant que le PC va redemarrer dans une minute

Le PC redemarre , l'utilisateur se reconnecte avec son compte AD et son mot de passe et retrouve tout son profil

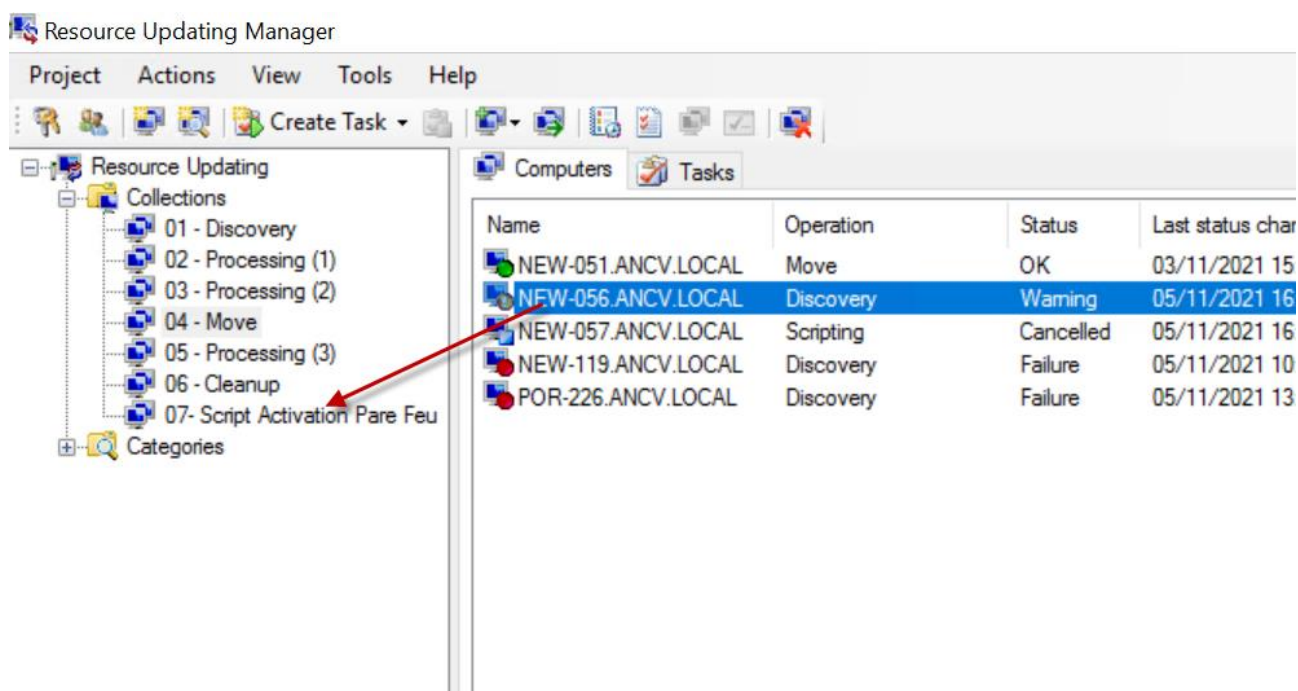
- Imprimante
- Mappage disque
- Bureau
- Racourcis

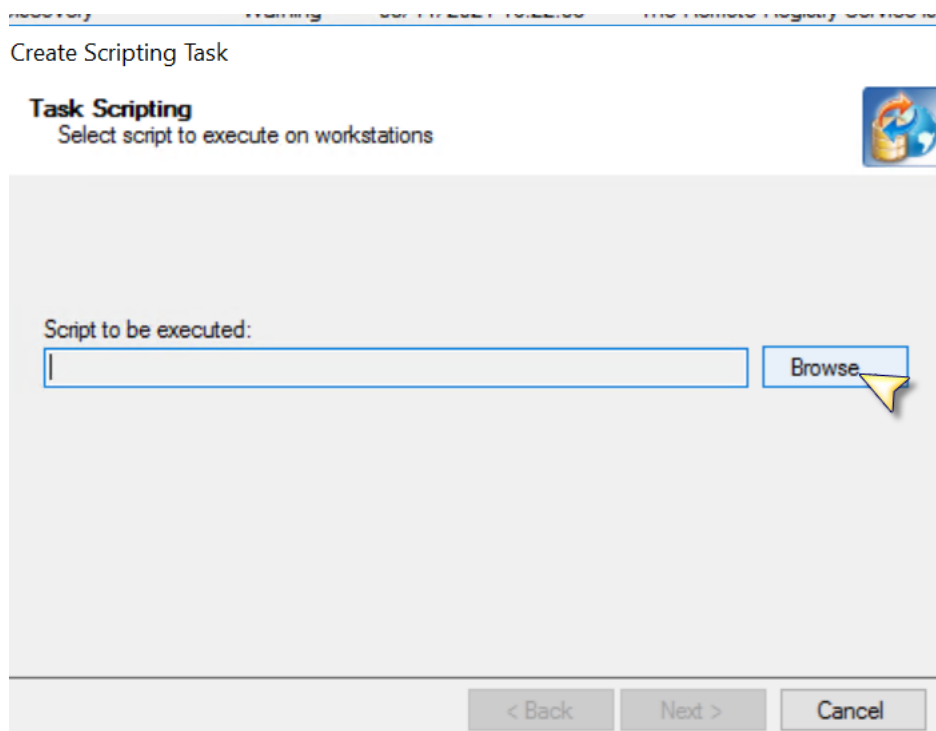
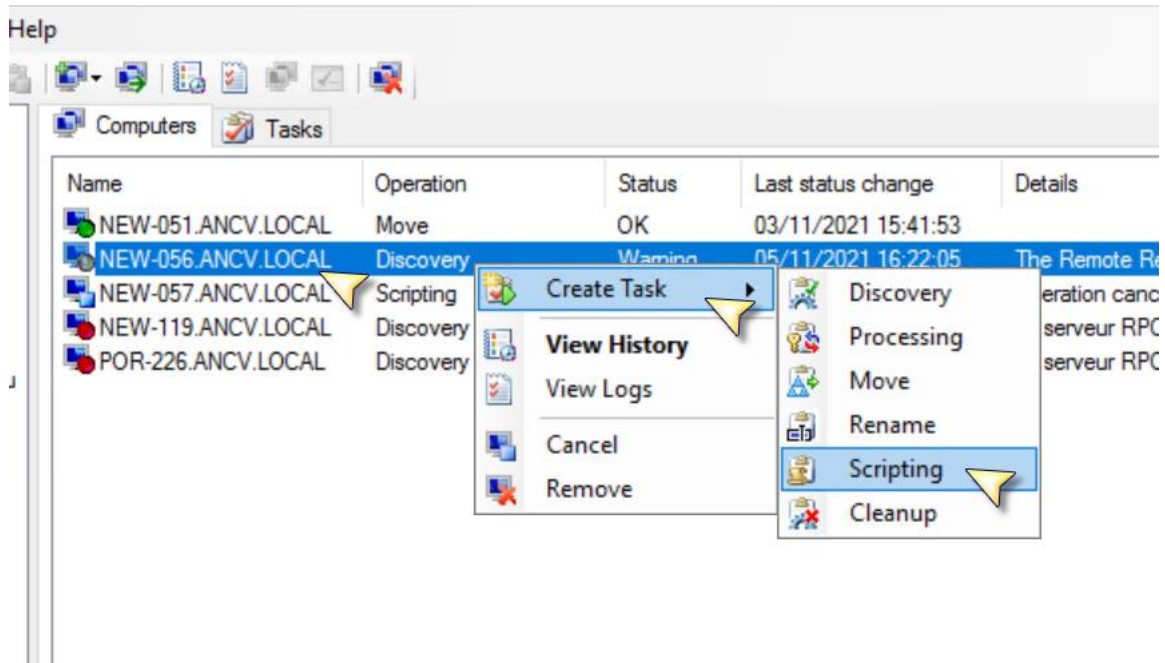
ATTENTION :Il faut réactiver le pare Feu Windows

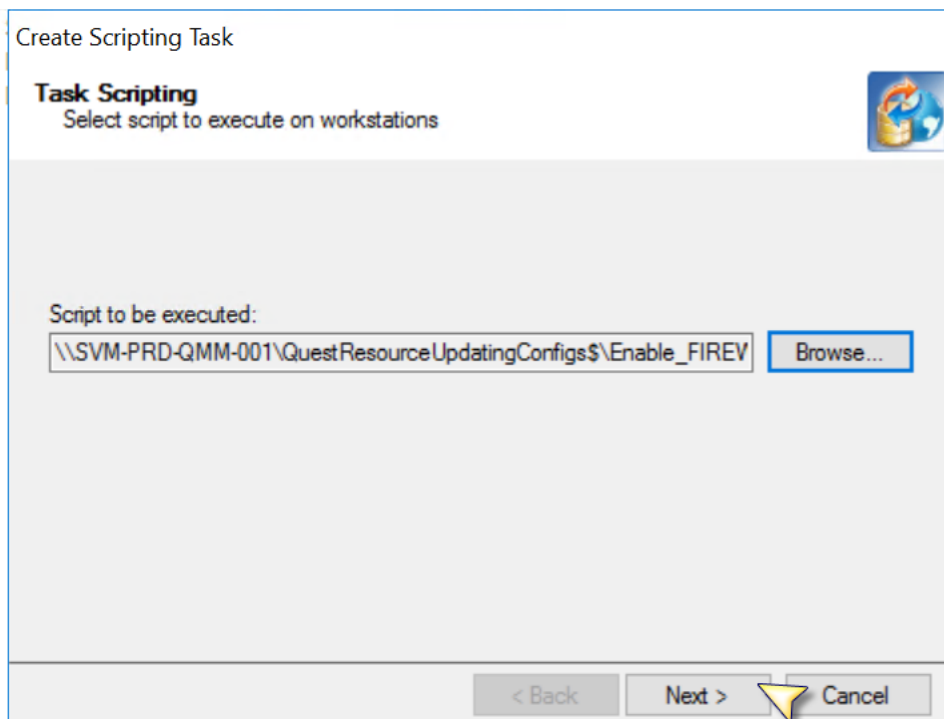
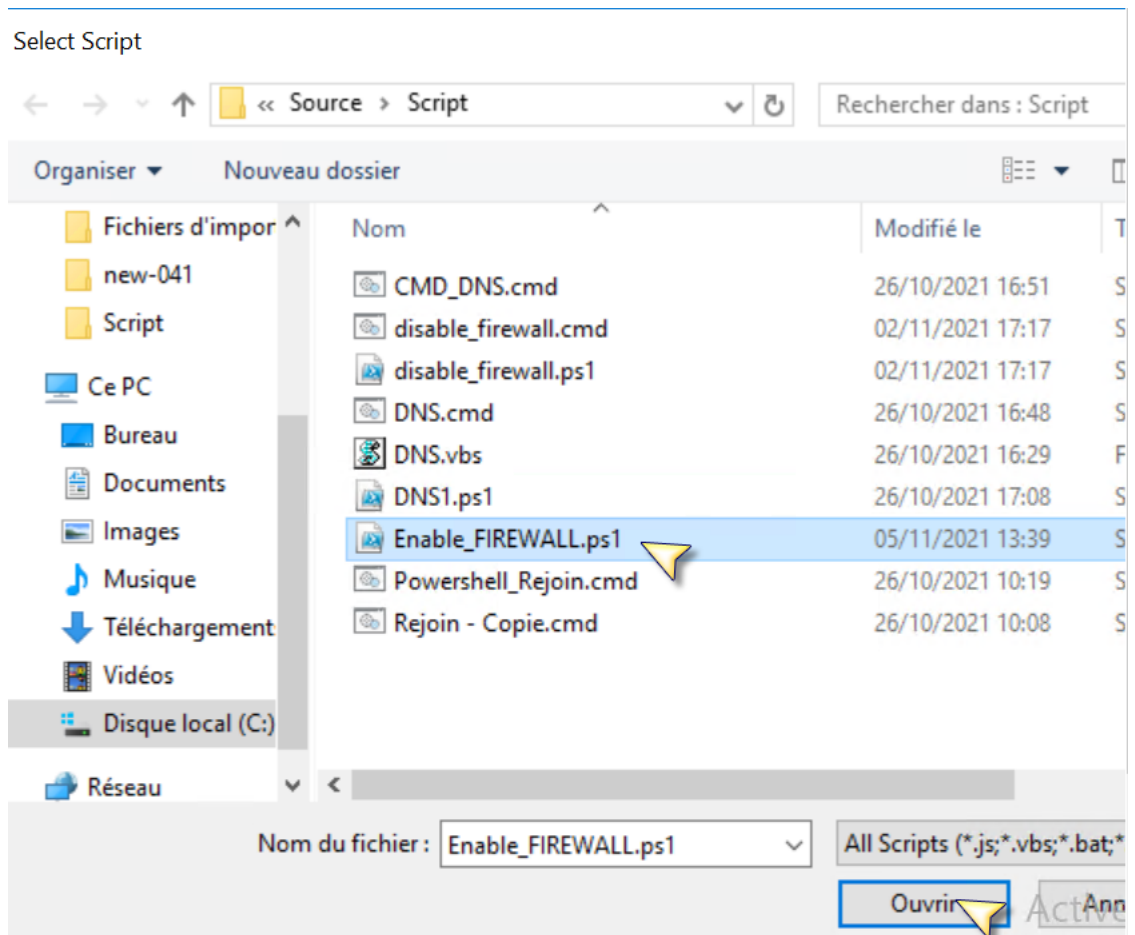
La reactivation se fait a travers le serveur QMM , on executant un script powershell a distance

- Verifier que le PC migré est pingable a partir du serveur QMM,
- mettre à jour l'@IP du pc dans le DNS ancv.local

Deplacer le PC dans la tache **07 - Script activation Pare Feu**







Create Scripting Task

Task Schedule and Timeout

Specify when to run the task. Optionally, extend the timeout for the task.



- Start now
- Start at 16:25:22 on 05/11/2021
- Decide later (you can run or schedule the task at any time)

Some computers may not be accessible at the task start time. In that case, when should the task be considered failed for these computers?

- Immediately
- After it has been pending for 1 hours 0 minutes

< Back

Next

Cancel

Create Scripting Task

Task Description

Specify an optional task descriptive comment for later reference



Description:

< Back

Finish

Cancel

Verifier le resultat

NEW-056.ANCV.LOCAL

Scripting

OK

05/11/2021 16:22:05

2.2. Forcer la synchronisation des mots de passe du domaine ancv.com vers ancv.local

A partir du serveur QMM, lancer Quest Migration Manager



Selectionner ---- Synchronisation ---Stop

QMM - 1/2.16.8.23 - Connexion Bureau à distance

Quest Migration Manager

Project View Action Tools Help

Migration Project (Migration)

- Directory Migration
 - ANCV-SIEGE to ANCV
 - Synchronisation
 - Migration
 - Resource Proces

Synchronization

Synchronization Statistics

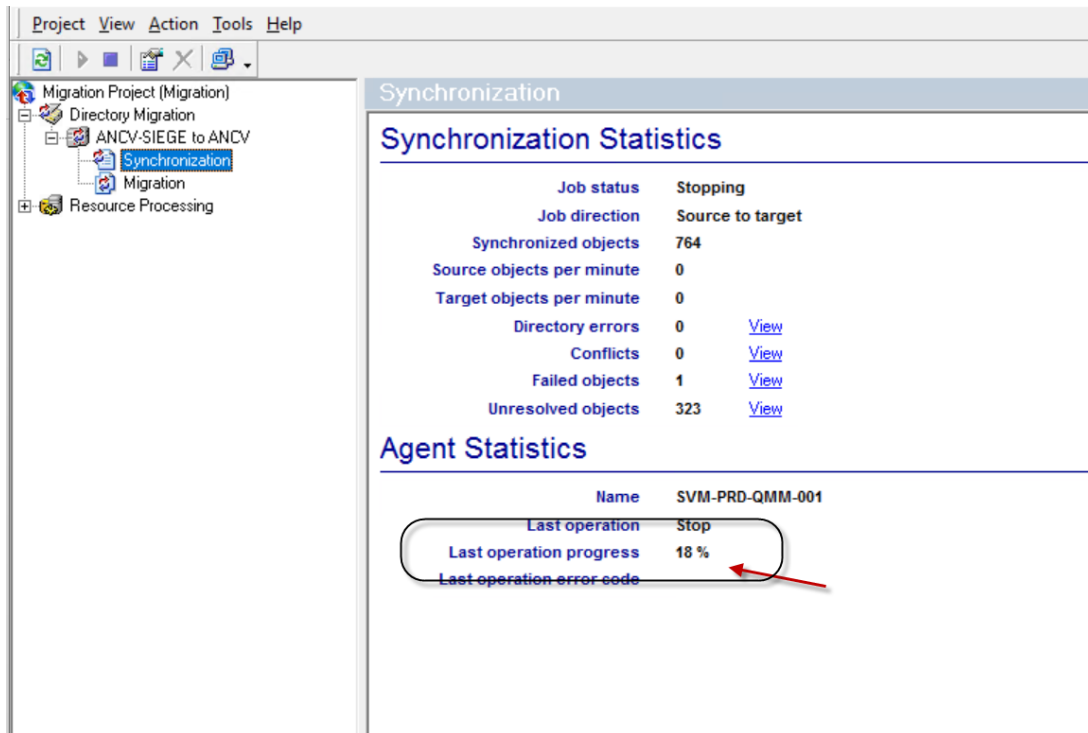
Job status	Sleeping
Job direction	Source to Target
Synchronized objects	764
Source objects per minute	0
Target objects per minute	0
Directory errors	0
Conflicts	0
Failed objects	1
Unresolved objects	323

Agent Statistics

Name	SVM-PRC
------	---------

Start
Start and Re-Sync
Stop
Refresh F5
Properties F4

Attendre que la tâche passe de 0% à 100%



Lorsque le last operation progress est à 100% , proceder au demarrage de la synchro

-----> Start and Re-Sync

