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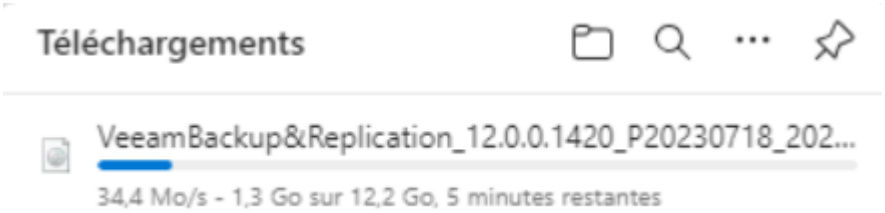
Introduction

Dans cette documentation je compte explorer l'installation de Veeam et la configuration de quelques jobs.

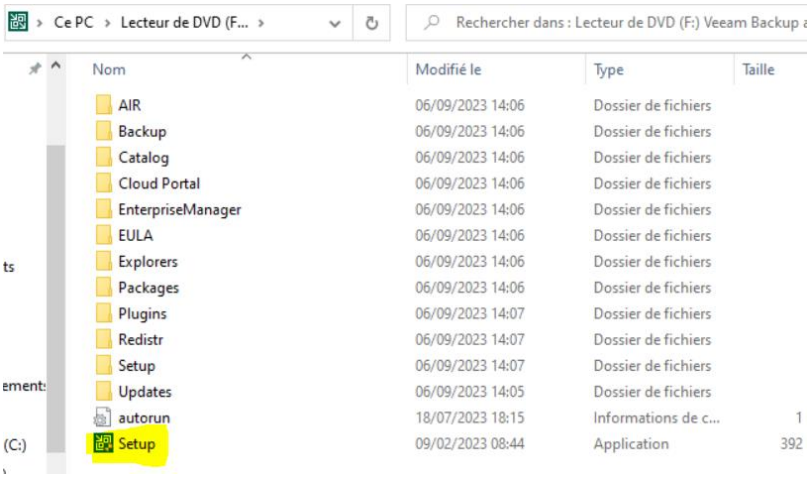
Installation

Il faut se rendre sur le site de veeam puis installer la solution au préalable il faudra avoir renseigné son mail etc.

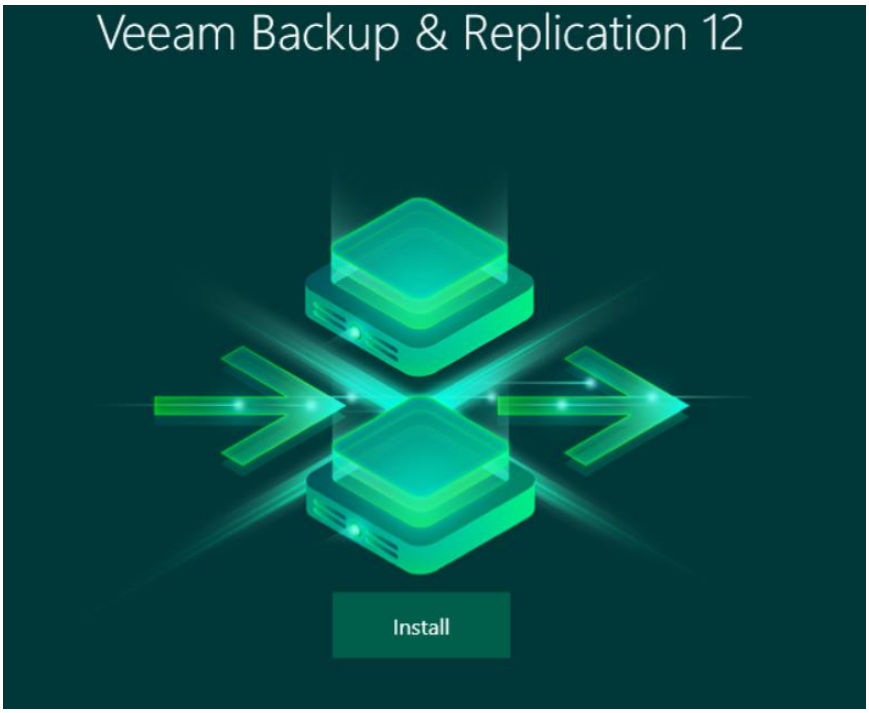
Je reçois le lien de téléchargement via mail et je télécharge.



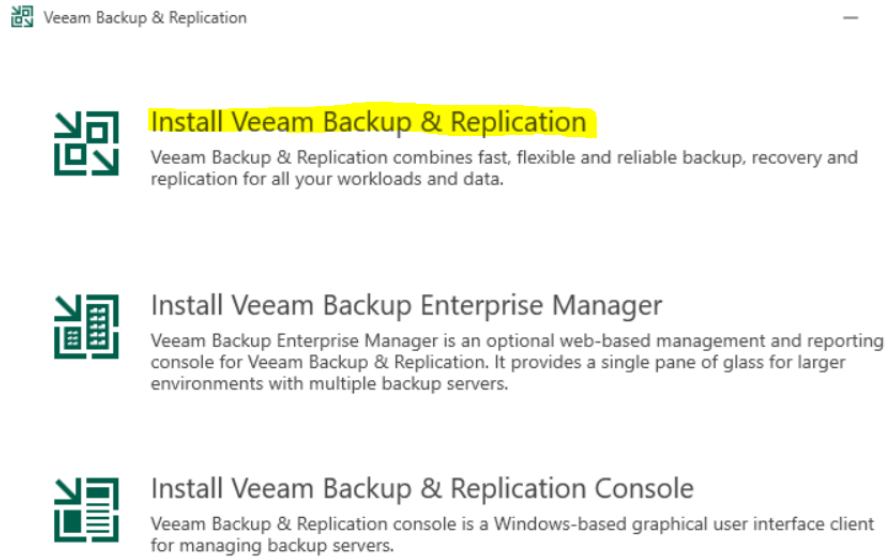
Ensuite il faut appuyer sur le fichier et l'iso sera monter il faudra exécuter le fichier « setup.exe ».



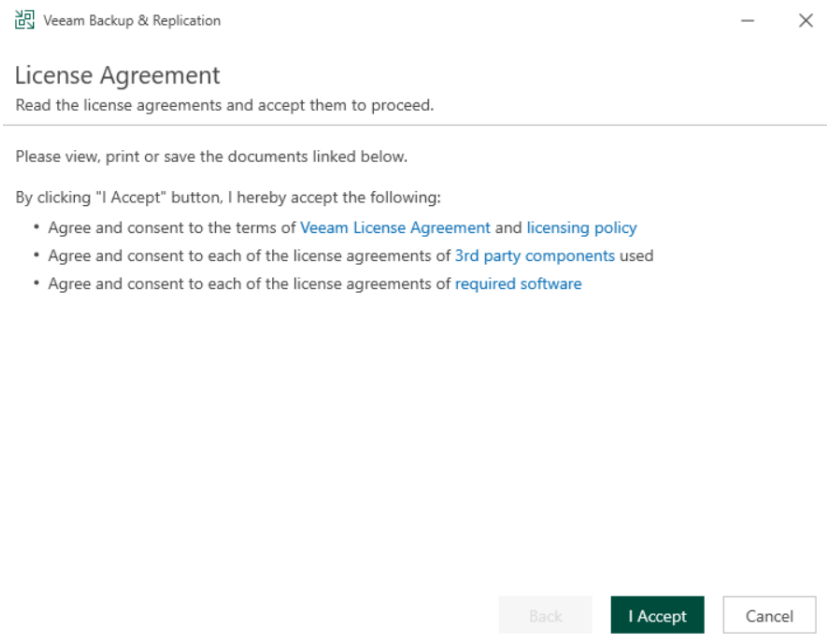
Appuyer sur « installer »



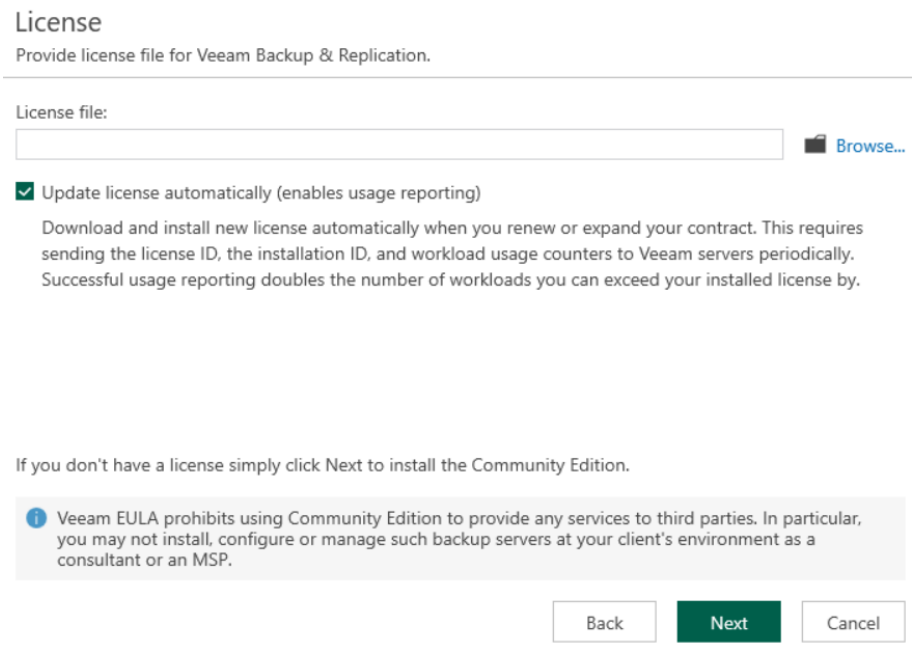
Sélectionner ça



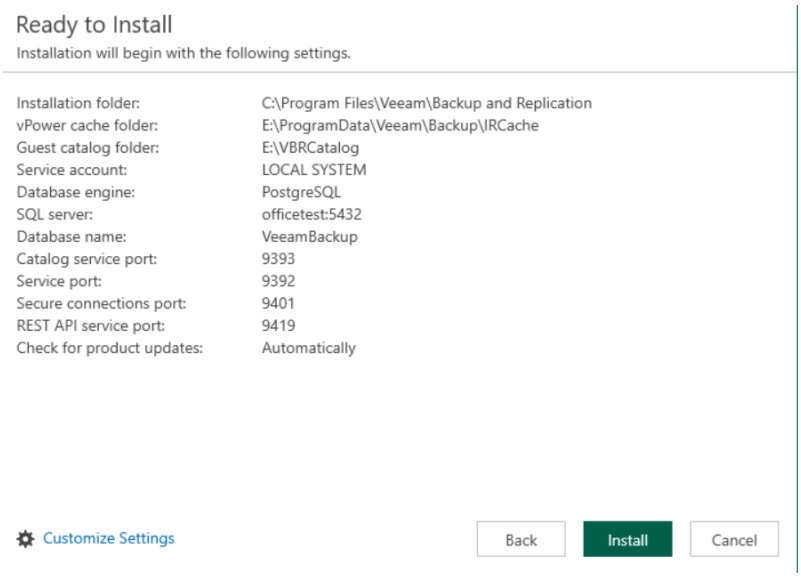
Accepter la licence ensuite.



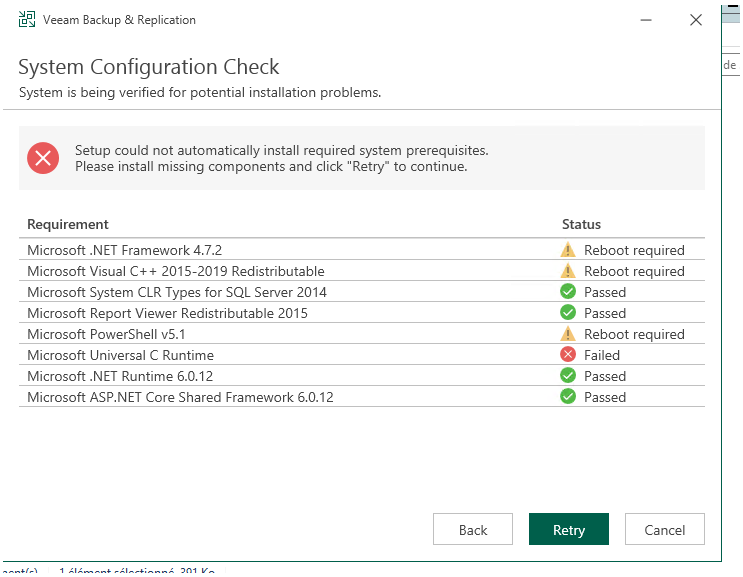
Ensuite next



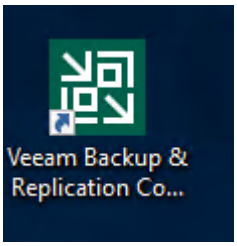
Un petit récapitulatif et on installe



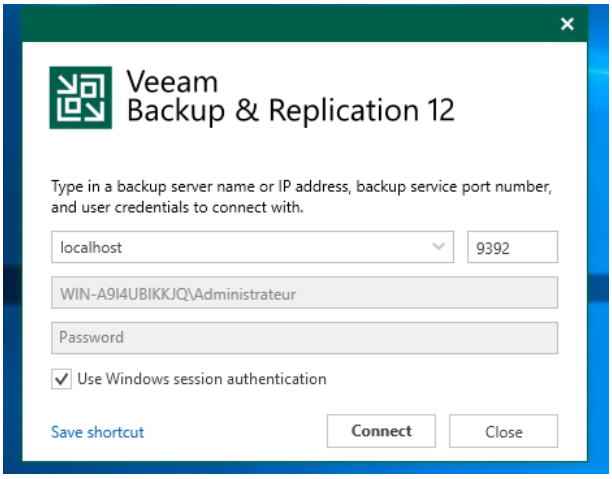
Les 8 étapes de l’installation s’effectuent ensuite.



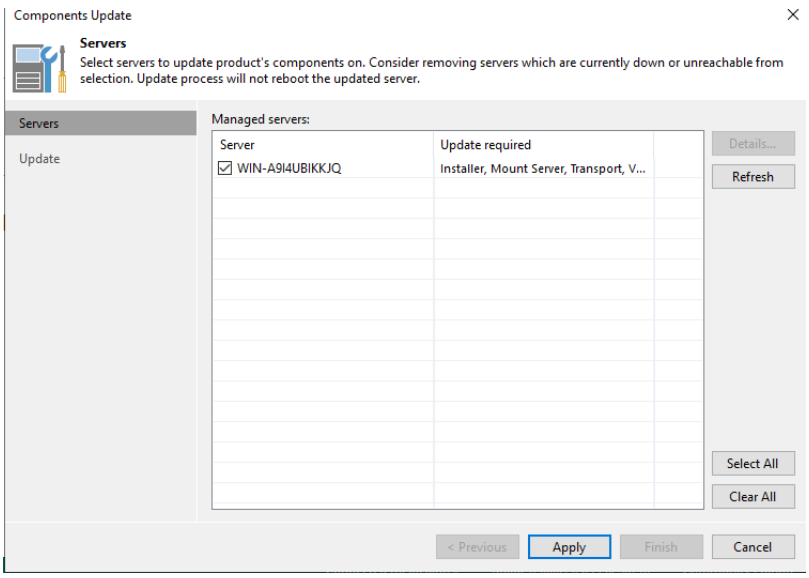
Ensuit exécuter Veeam une fois l'installation terminer



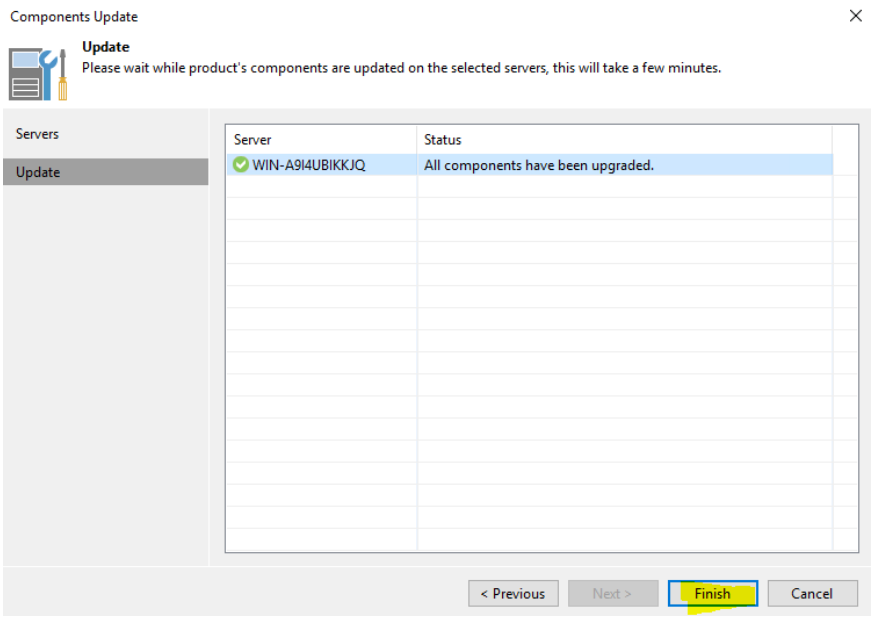
Se connecter avec l'user local



Ensuite installer les composants sur le serveur



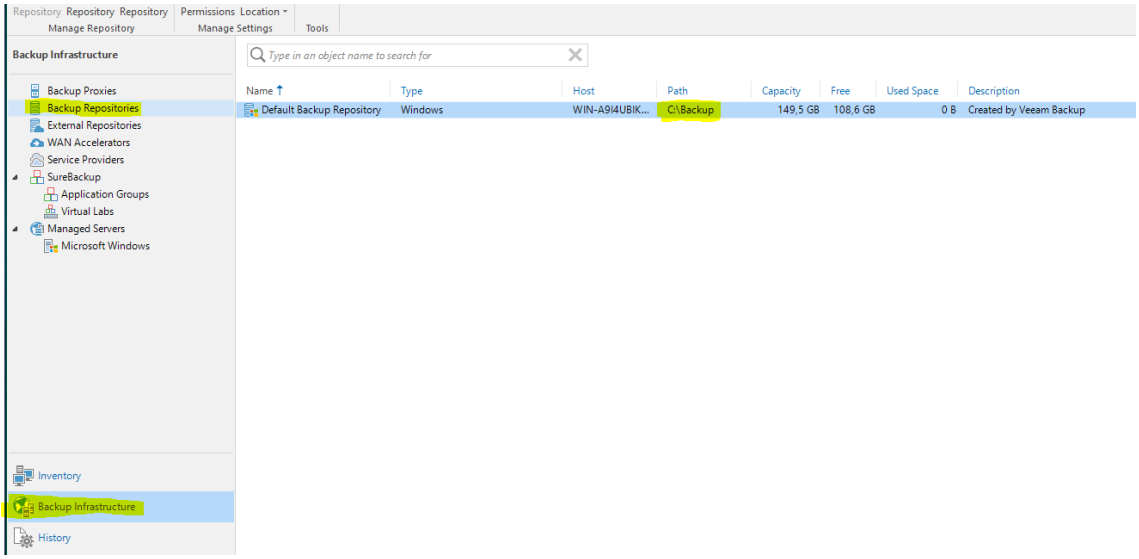
Ensuite les composants s'installent



Ensuite « Finish »

Repository

Ensuite je vais rajouter un repository ou mes sauvegardent seront stocker

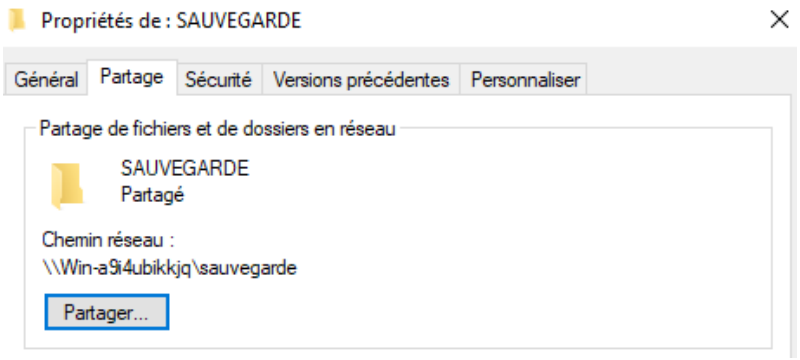


Par défaut c’est « C:/Backup »

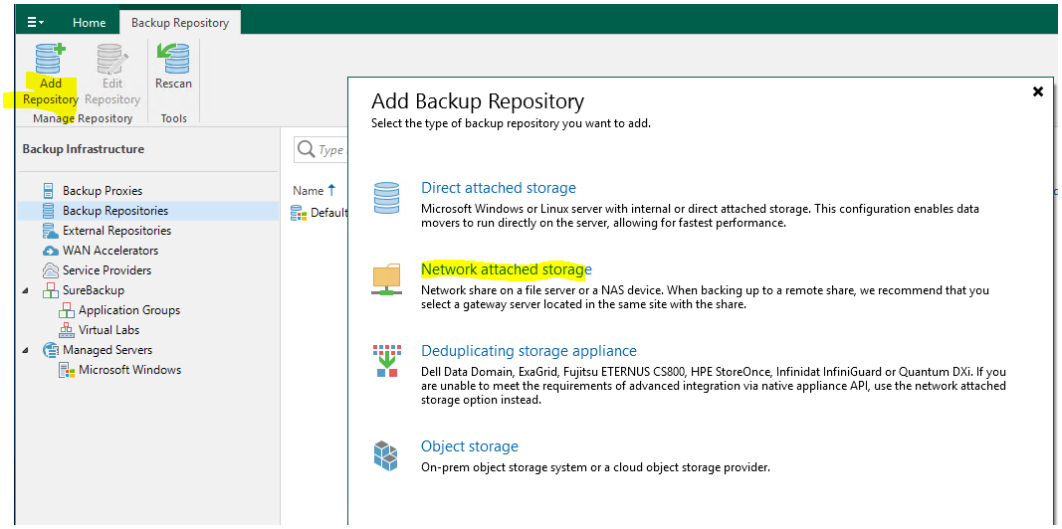
Ne disposant pas de disques externes je vais juste créer un dossier « Sauvegarde » au même endroit et configurer le nouveau repository.

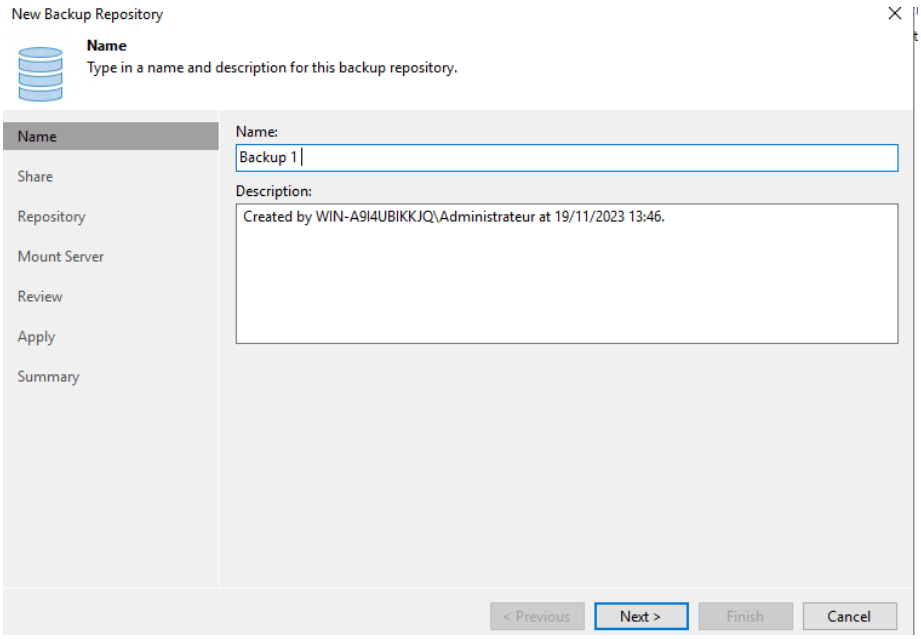
Je vais partager ce fichier via le réseau avec des droits élargis aussi

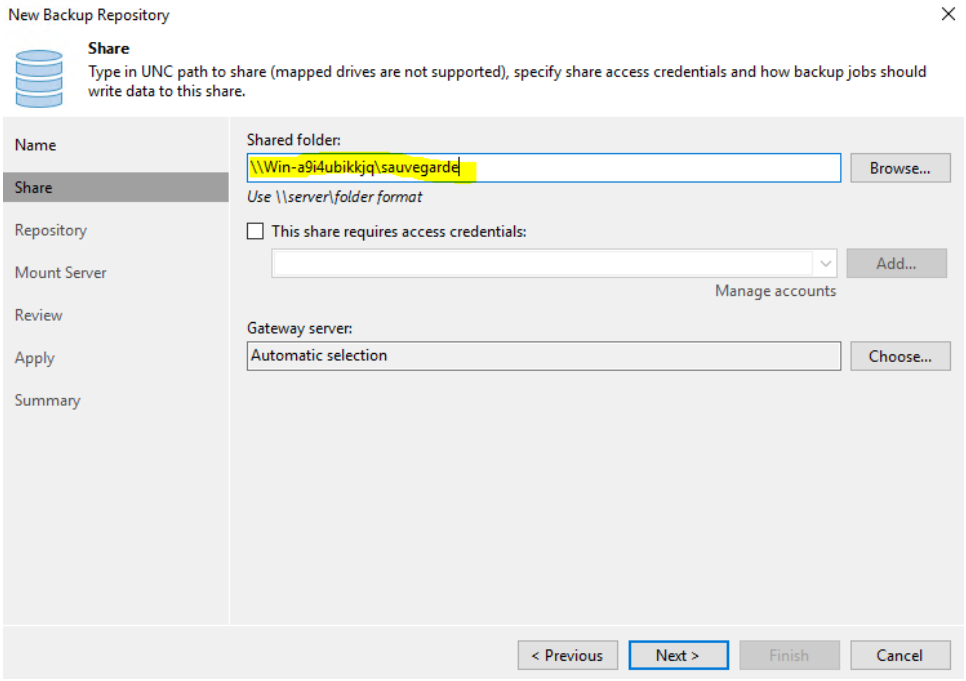
Je mets aussi les droits élargis pour ne pas avoir de soucis



Ajout du repository

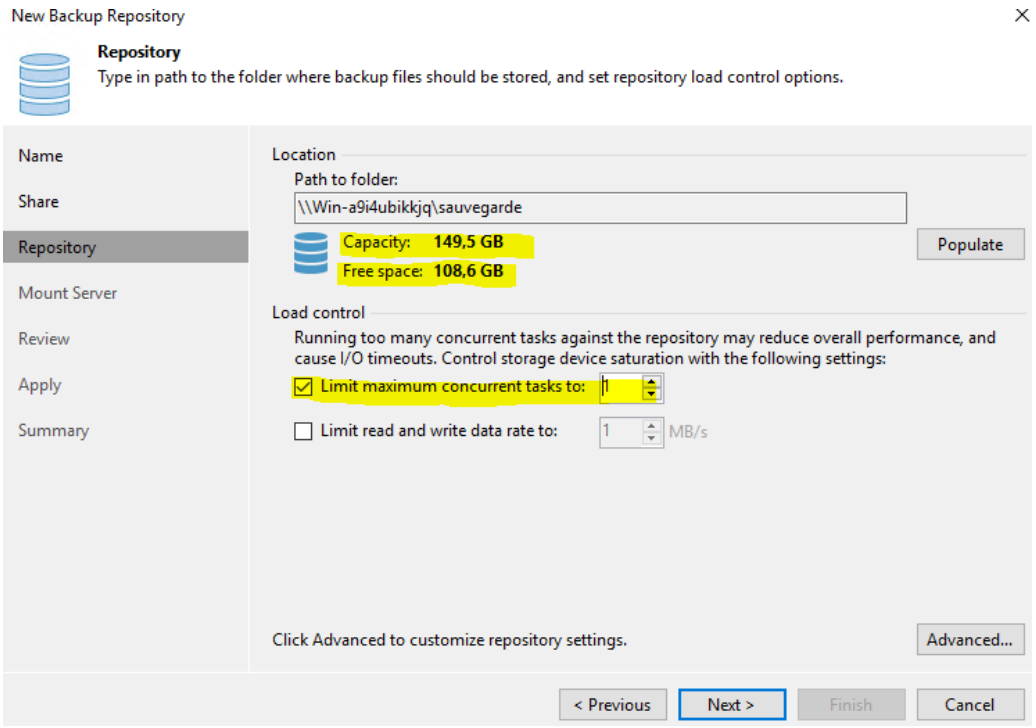


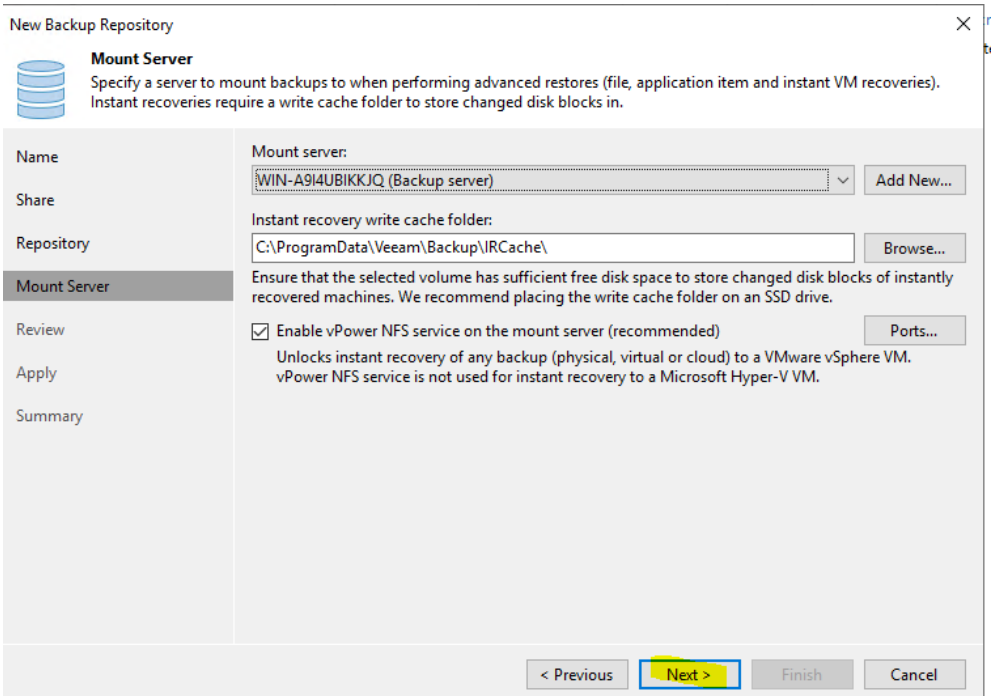




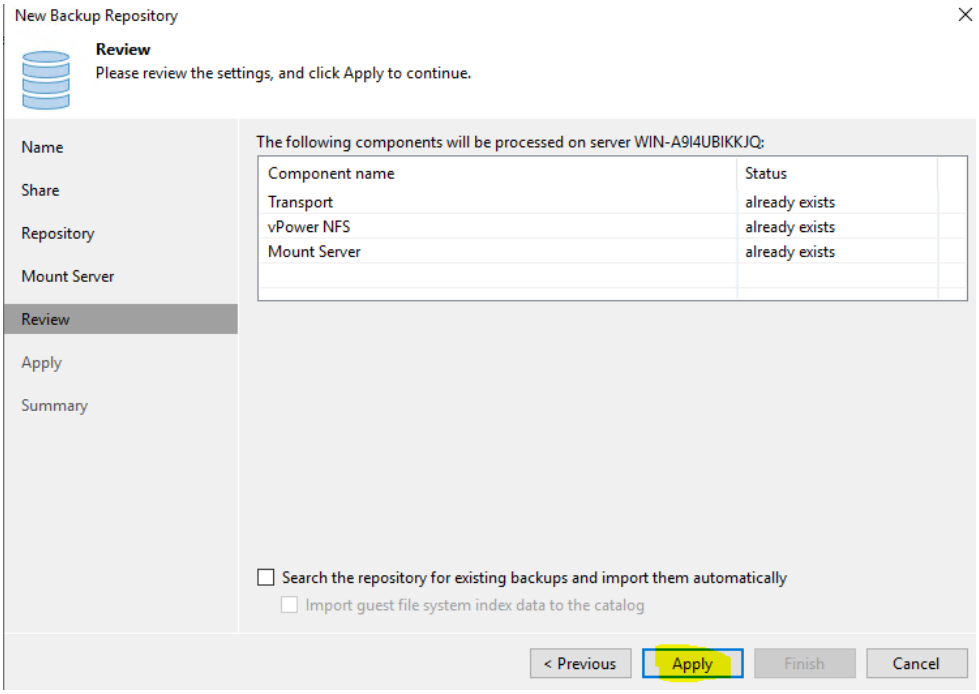
Ensuite Veeam détecte le partage la data disponible dessus et utilisé.

Je limite à une tache à la fois parceque le serveur n'est pas trop puissant.

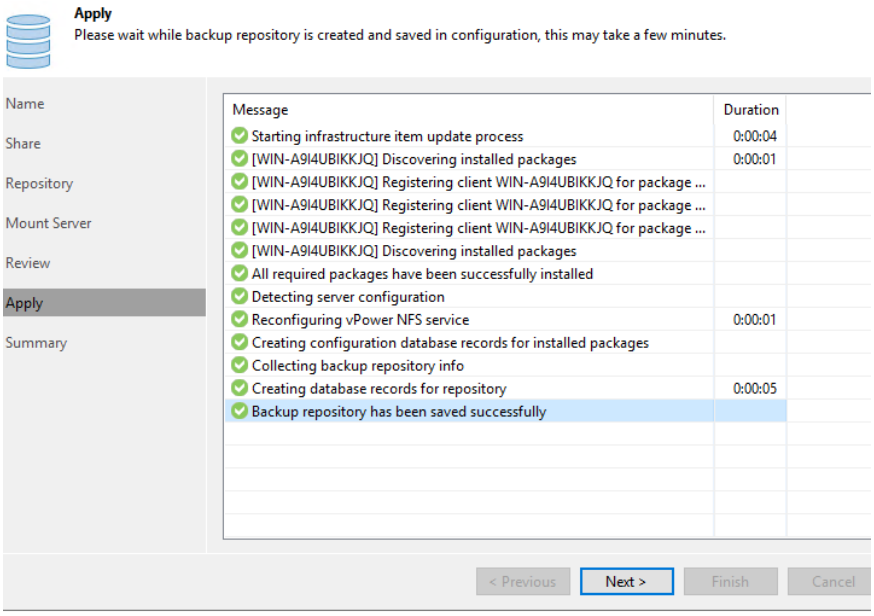




Ensuite un résumé et on accepte

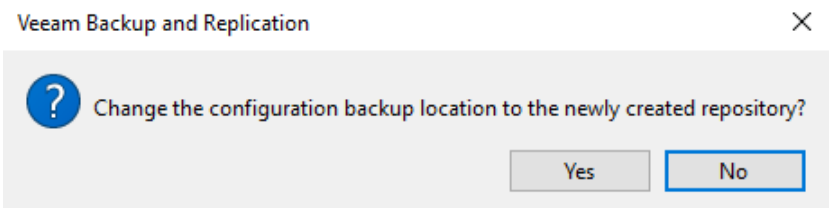


Ensuite une install ce réalise

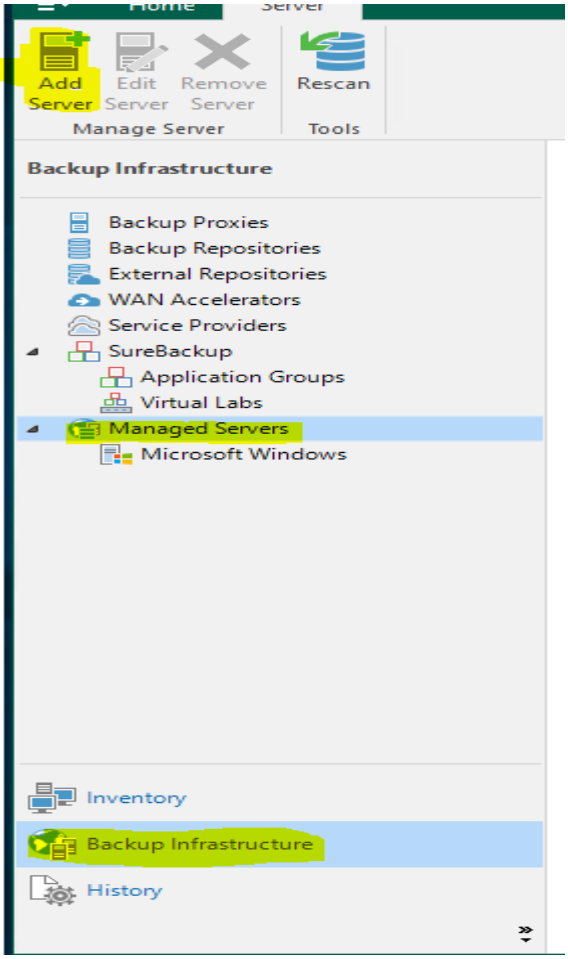


Un petit résumé et on accepte

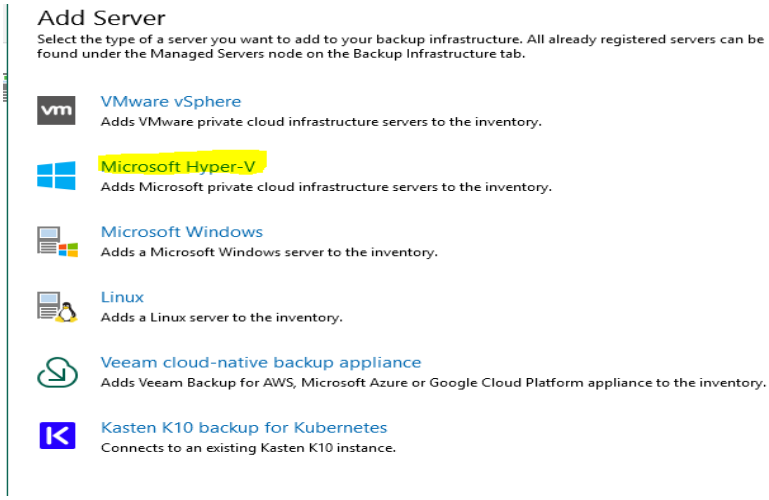
Et on accepte ici

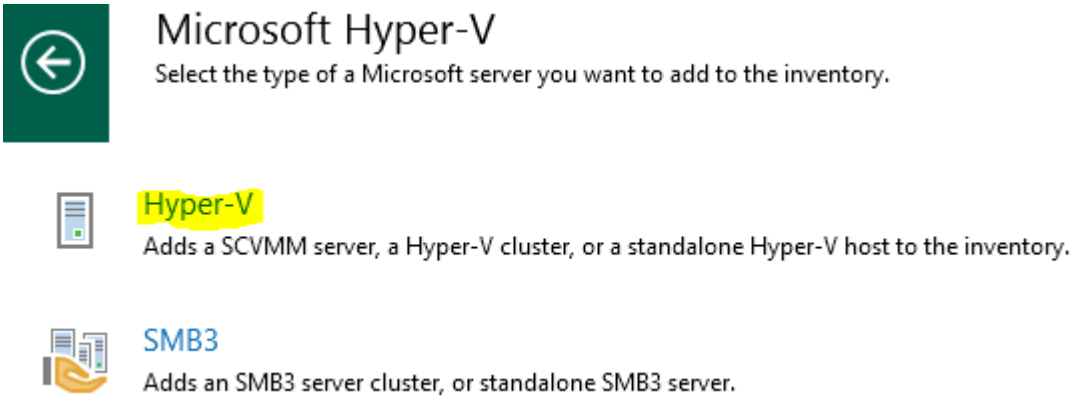


Ensuite on ajoute un serveur à gerer

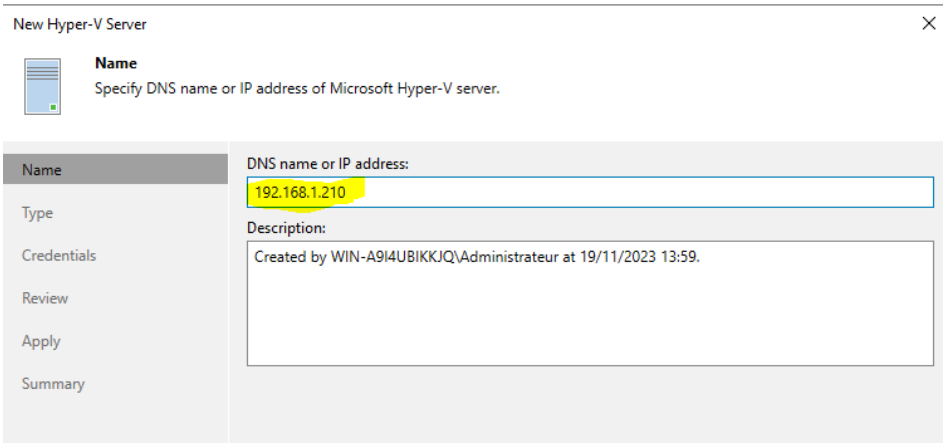


Ensuite j'ajoute un serveur hyper-v

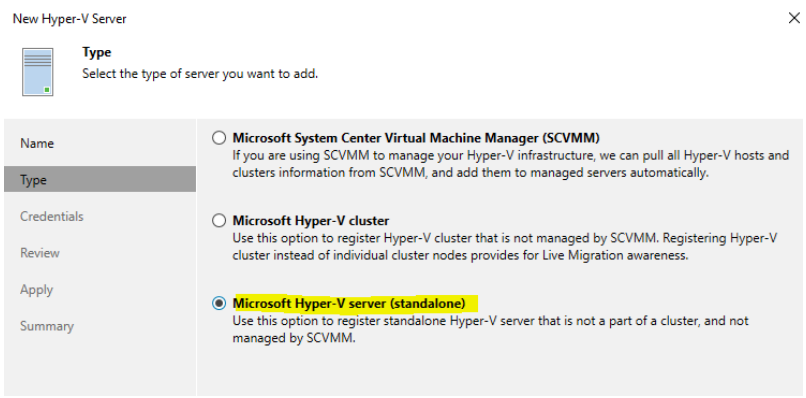




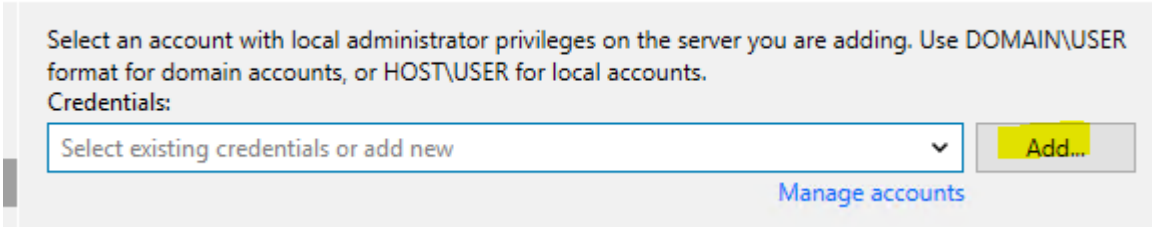
On ajoute l'IP



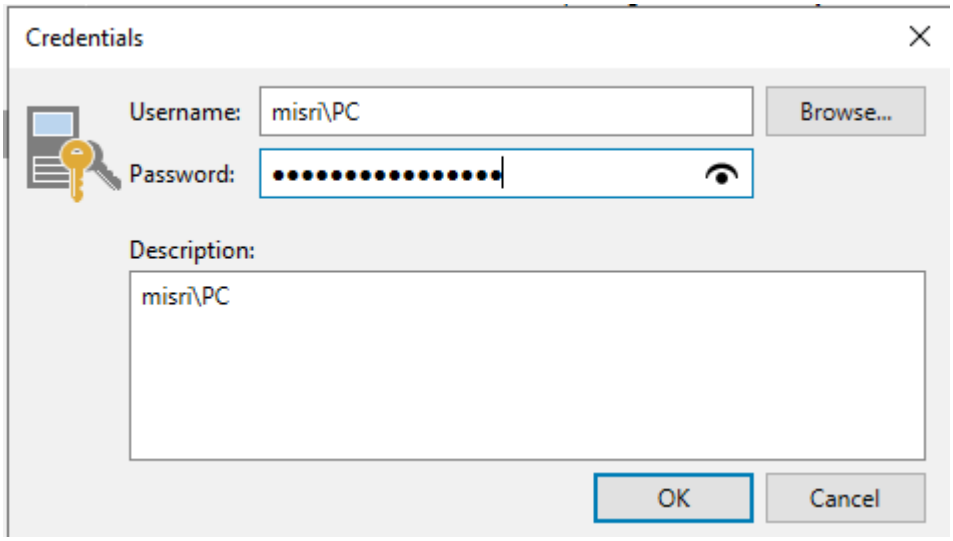
Ce n'est pas un cluster mais un hyper-V seul



J'ajoute un credential



Je mets le nom du PC et User admin local + mot de passe



Backup des VM sur un serveur hyper-V

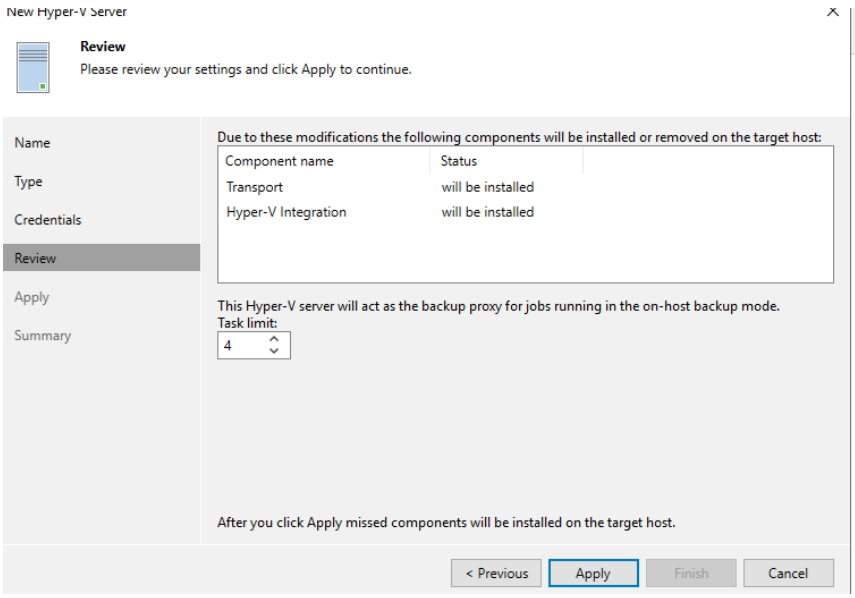
Pour un Hyper-V il y'a un point crucial ou il faut faire attention il faut le rôle hyper-V server installé sur le windows server, sur un simple client sous windows 10 sa ne fonctionne pas

Il faut aussi impérativement utiliser un FQDN et non une IP car sinon sa cause des soucis avec veeam.

Il faut aussi préciser nom de domaine ou nom du PC avant le nom d'user, et ne pas utiliser l'user administrateur par défaut.

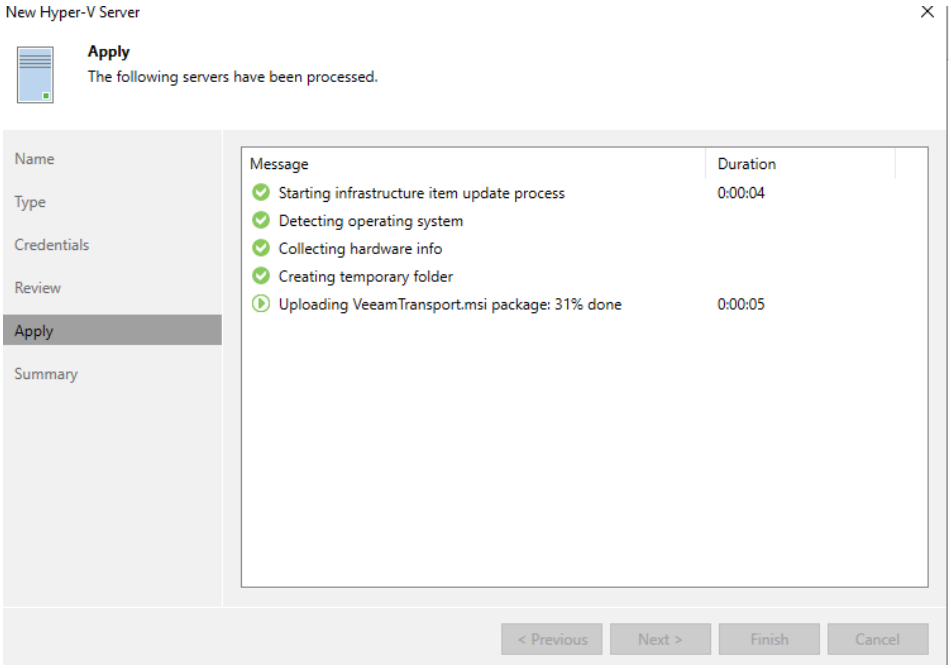
J'ai crée un user « admin » j'ai modifié le nom de la machine pour l'appeler « hyper-v »

Pour me connecter lorsque j'ajoute un hote hyper-v standalone, hyperv\admin



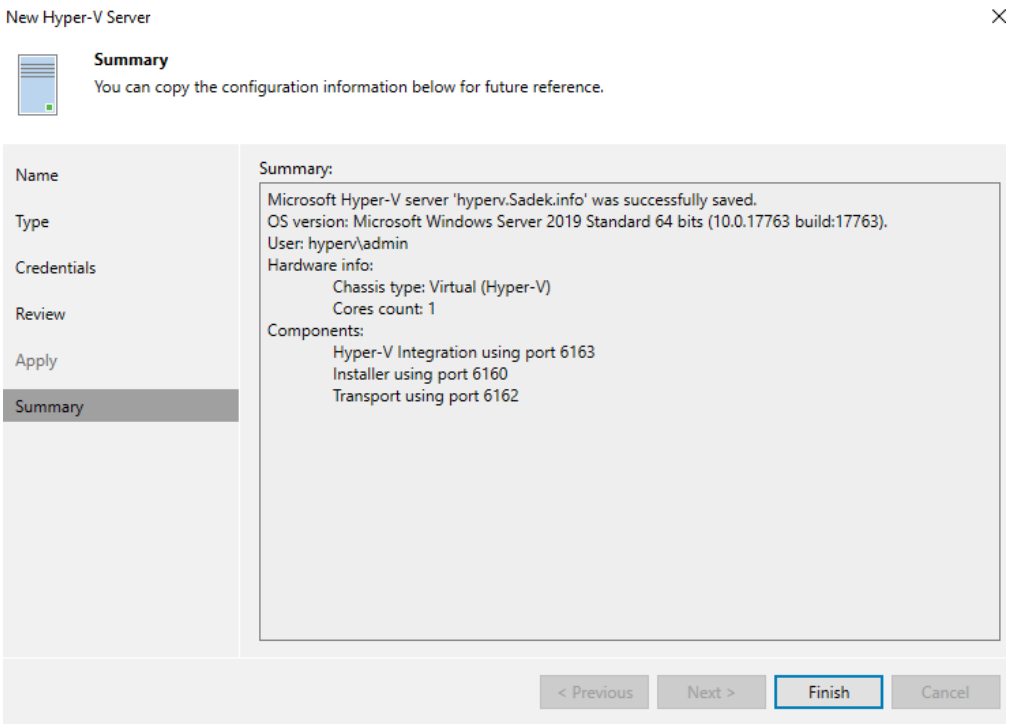
Ici une fois l'host valider, Veaam installera l'agent sur le serveur hyper-v.

L'install s'effectue

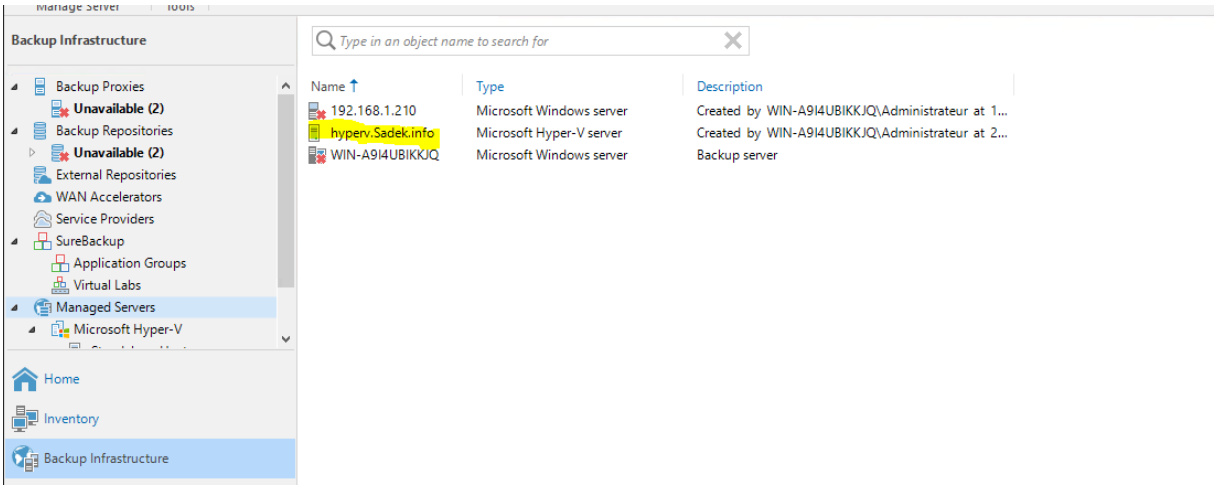


Une fois terminé on appuie sur « Next »

Ensuite on a un petit resumé et on valide.



Ensuite on voit la machine dans nos hosts



Backup d’une VM windows server 2012

Remarque

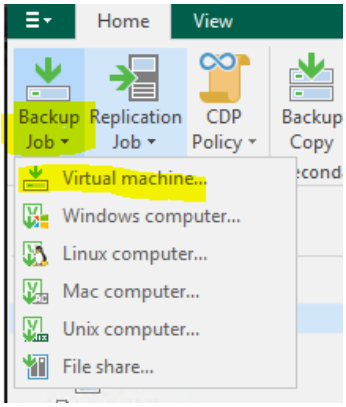
J’ai remarqué que lorsque j’installe Veeam Backup sur windows server 2012 R2, tout fonctionne correctement biensur en suivant le process plus haut pour l’ajout d’un hote hyper-V.

Si je rencontre une erreur d’appel RPC ou autre il faut sois debugger en profondeur ou refaire une install propre de Veeam.

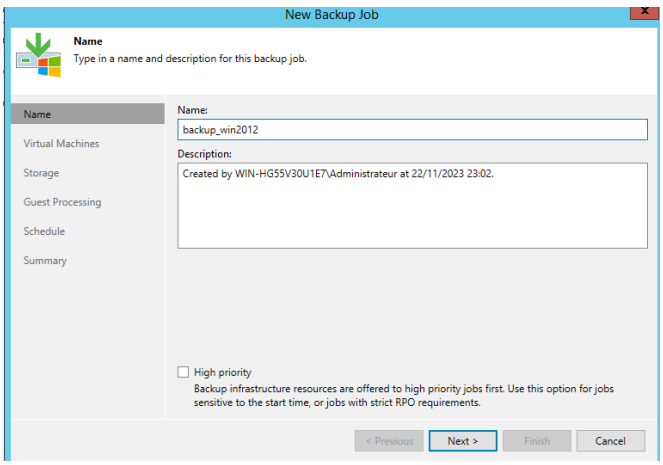
Mise en place

J’ai une machine windows server 2012 que je souhaite backuper sur mon hyper-v

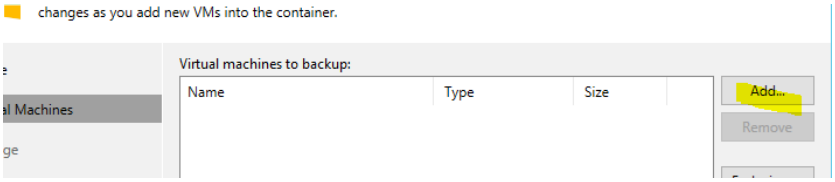
Pour cela il faut que je crée un nouveau job.



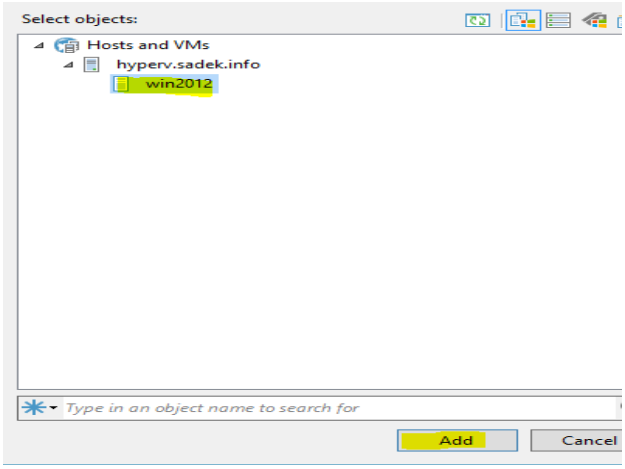
On le nomme, une description si besoin.



Ensuite cliquez sur « Add »

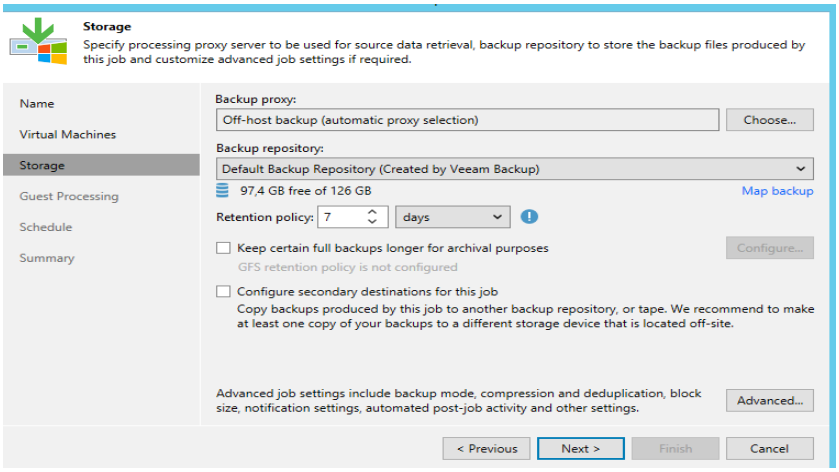


Sélectionnez la machine que vous souhaitez sauvegarder.

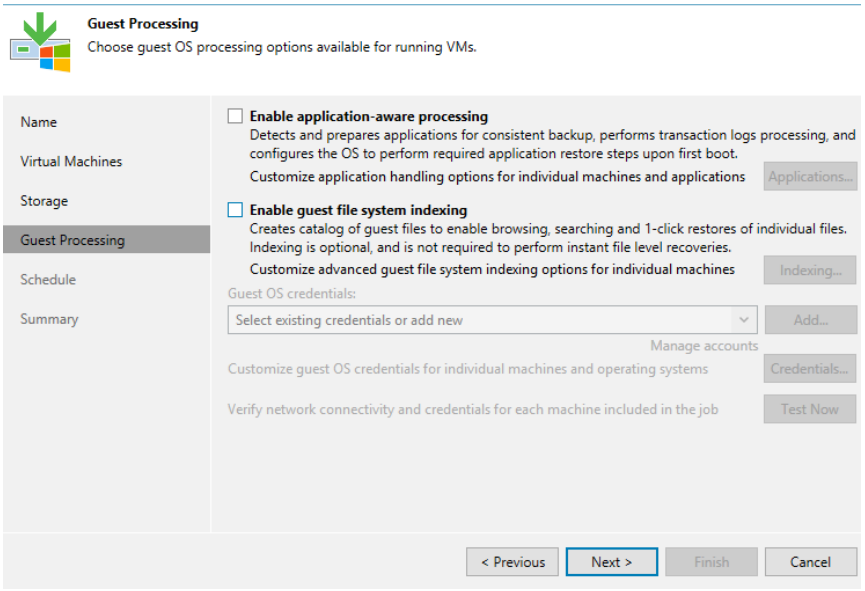


On voit l'espace disponible sur le default backup, on peut modifier.

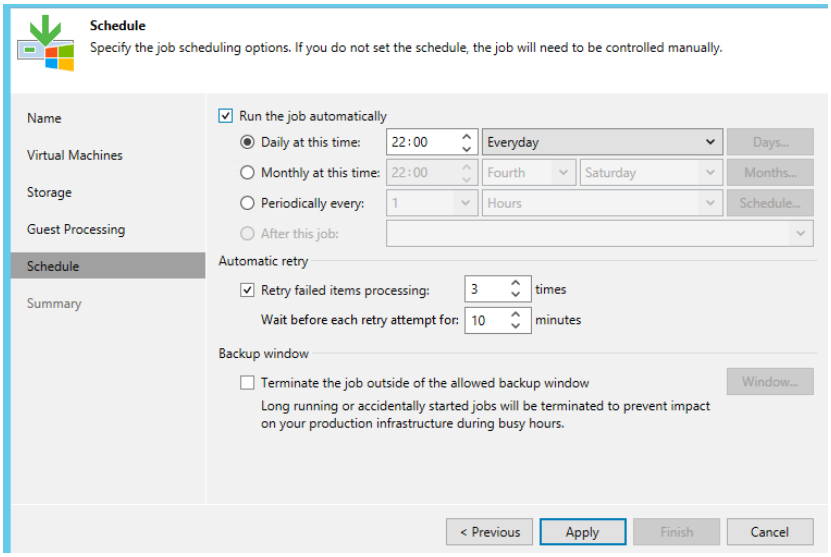
Pour le backup proxy laissez comme tel, pas besoin de modifier quoi que ce soit normalement.

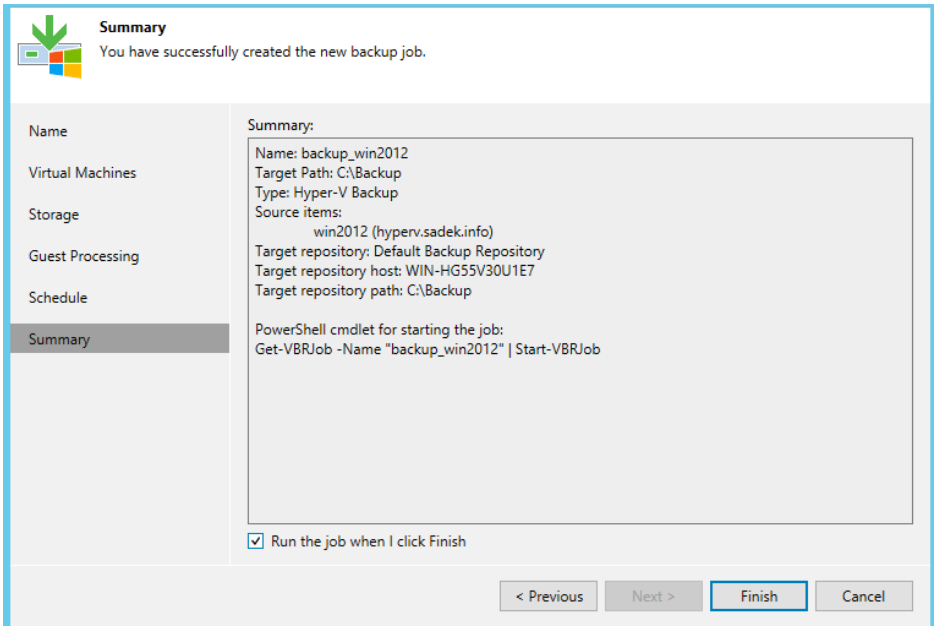


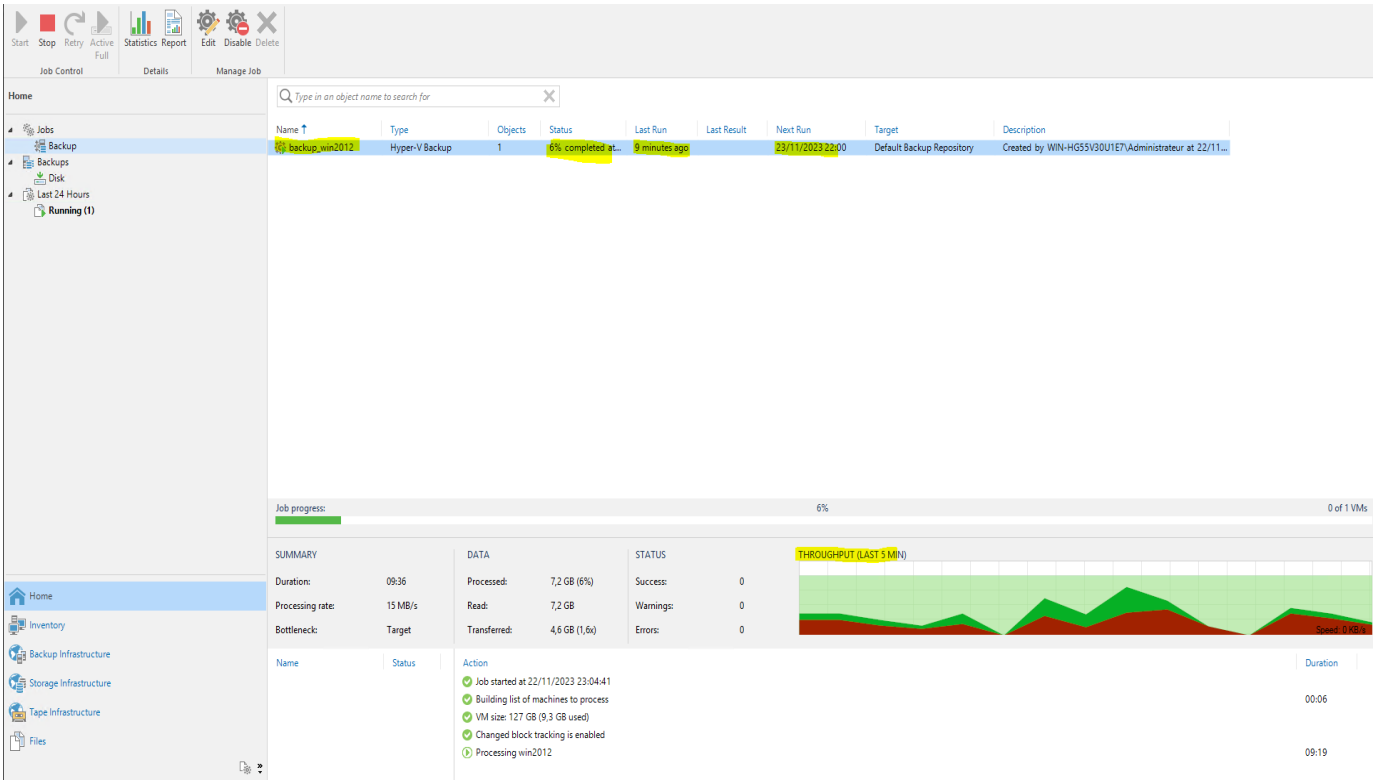
Ne touchez qu’en cas de besoin.



Tout les jours à 22h.

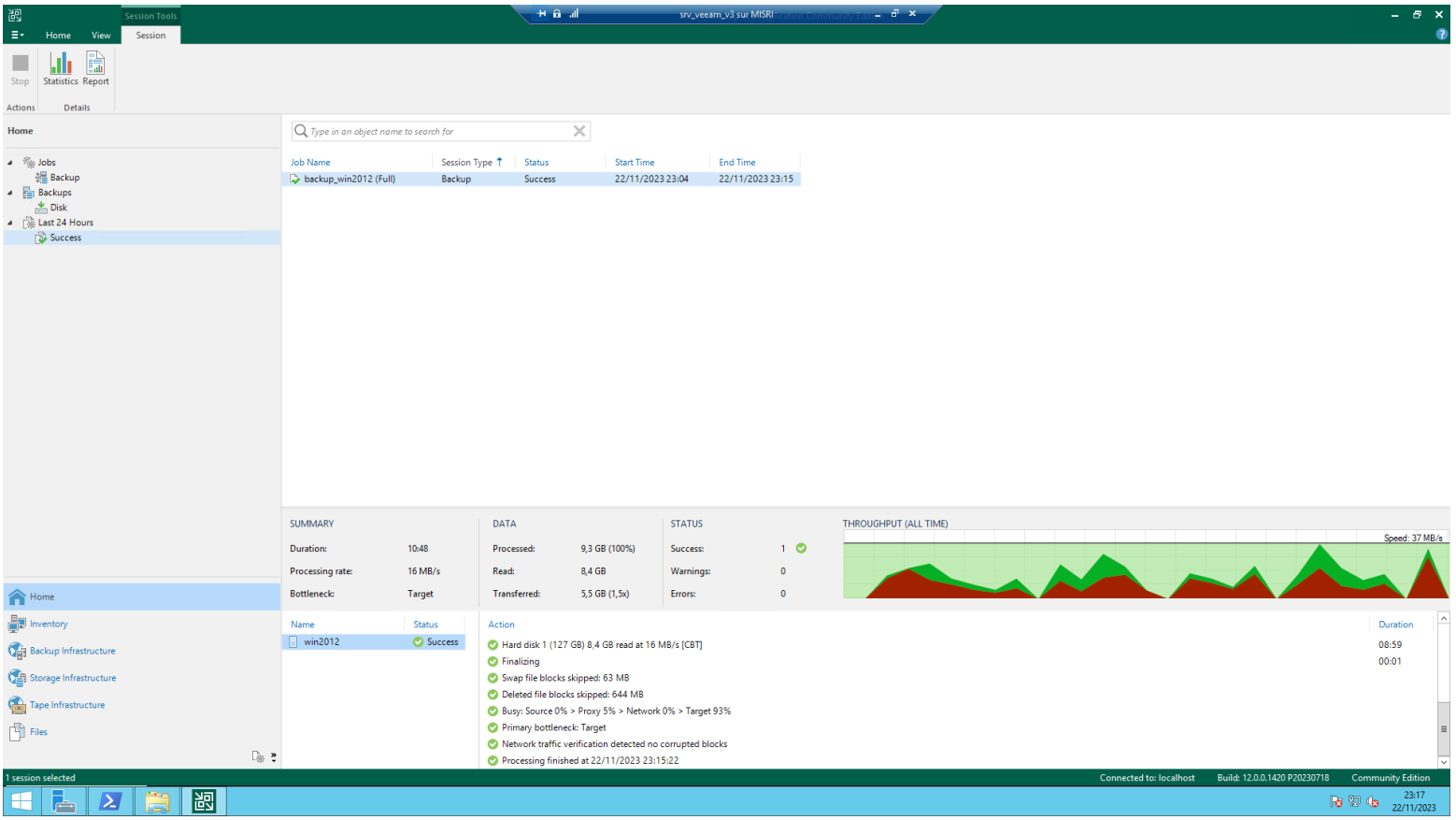






Voilà reste à attendre et nous verrons ensuite comment restaurer la VM en cas de pépin.

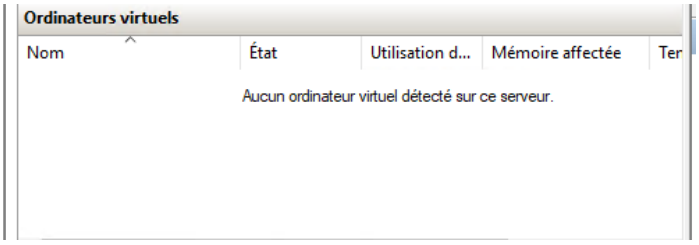
Résultat



Restauration

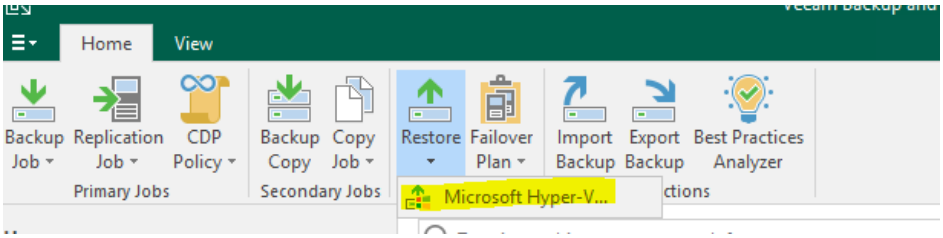
Nous allons supprimer la VM et la restaurer.

Suppression :



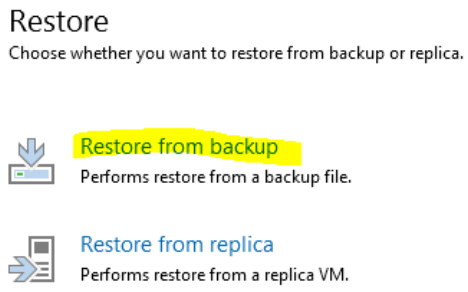
Sur veeam :

Je retourne dans « Home » et je clique sur restore

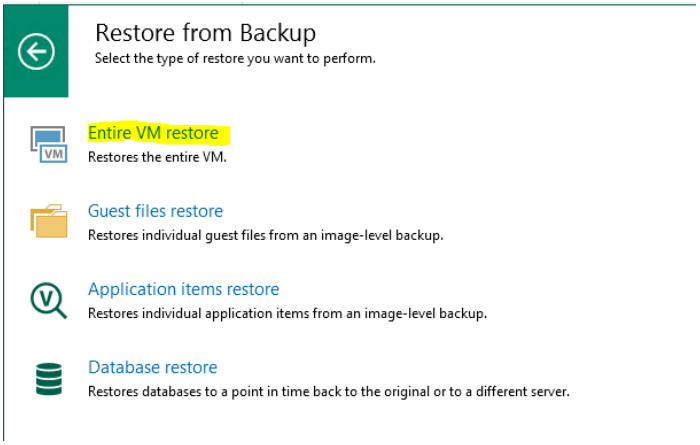


Je selectionne hyper-v

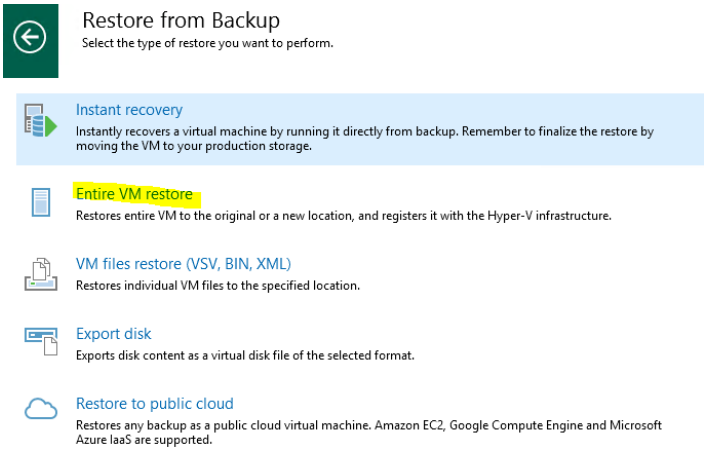
Je restaure depuis un backup

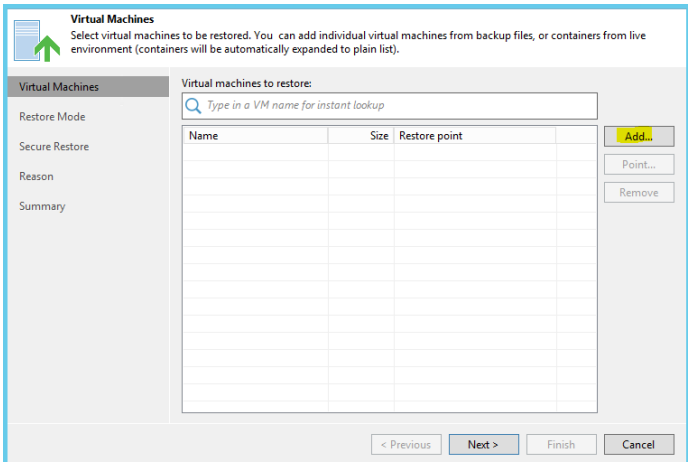


Je fais une restauration complète de la VM



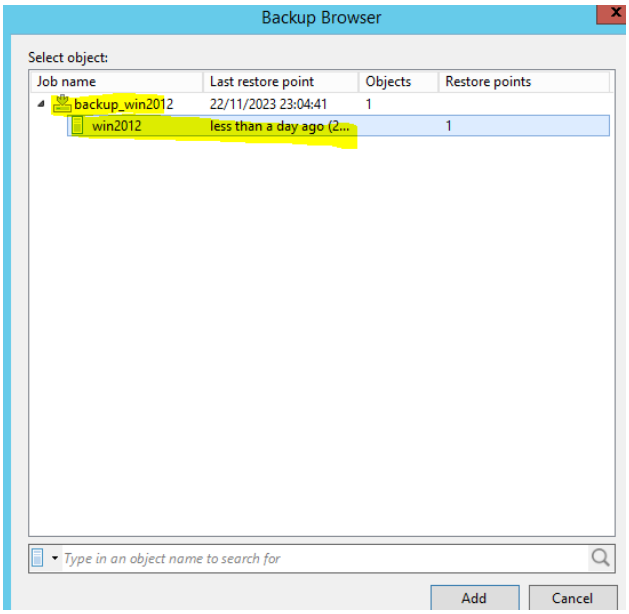
Je restaure entièrement la VM.

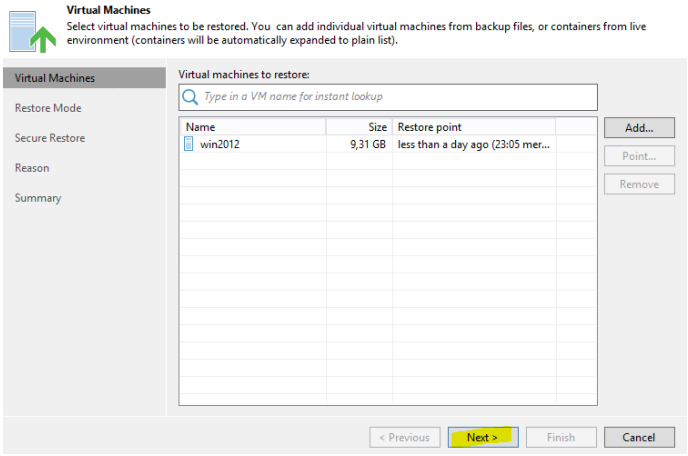




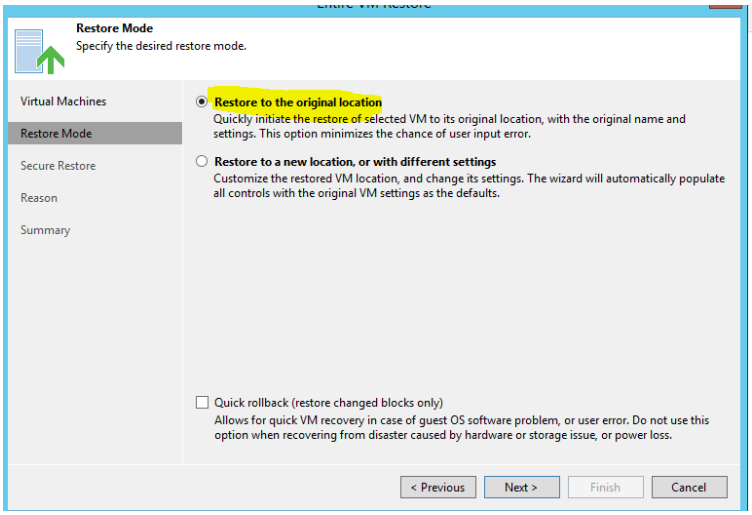
On fait ensuite from backup

Je sélectionne le backup que je veux en fonction de la date



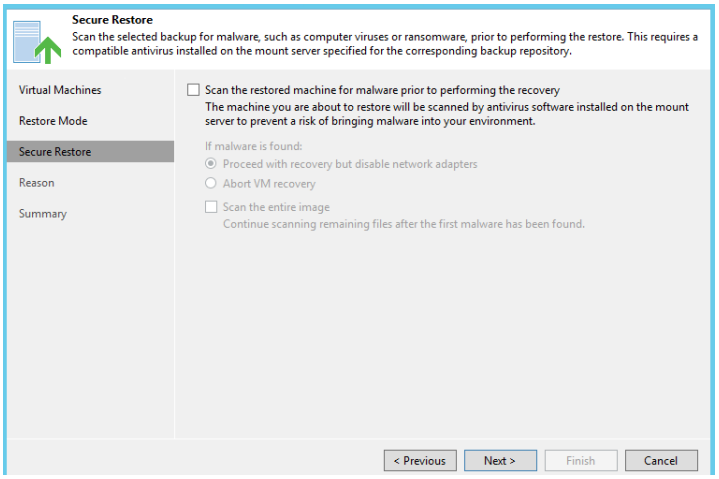


On peut soit restaurer au même endroit ou un nouvel endroit avec de nouvgeaux paramètres au niveau réseau emplacement etc.



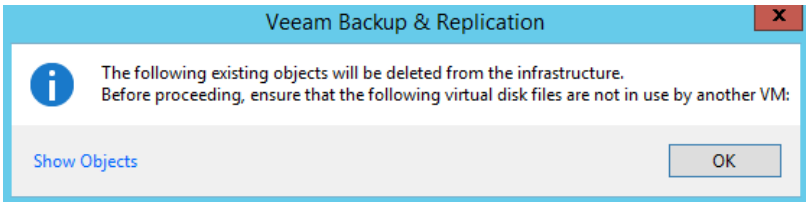
On peut aussi demander à Veeam de scanner la VM pour vérifier qu'il n'ya pas de malware dedans.

Excellent en cas de plan de reprise d'activité apres une cyber-attaque.

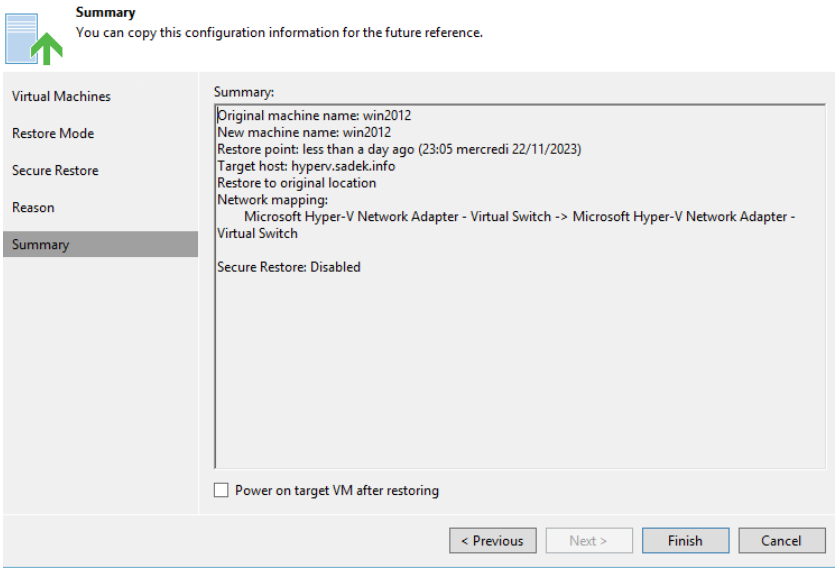


On peut donner une raison

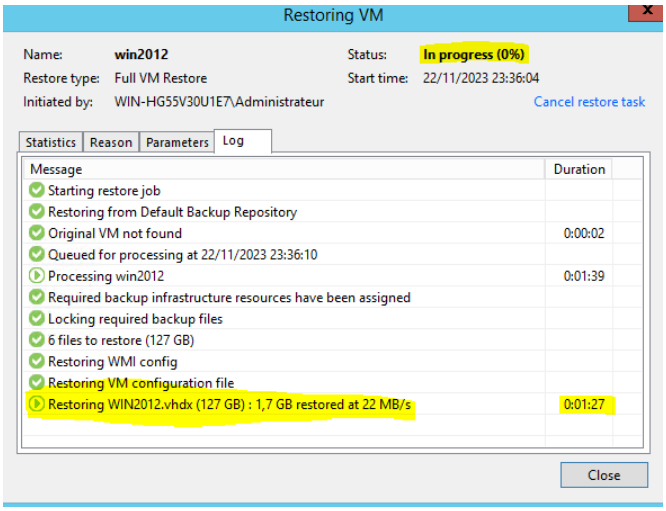
La VM sera supprimer si elle existe



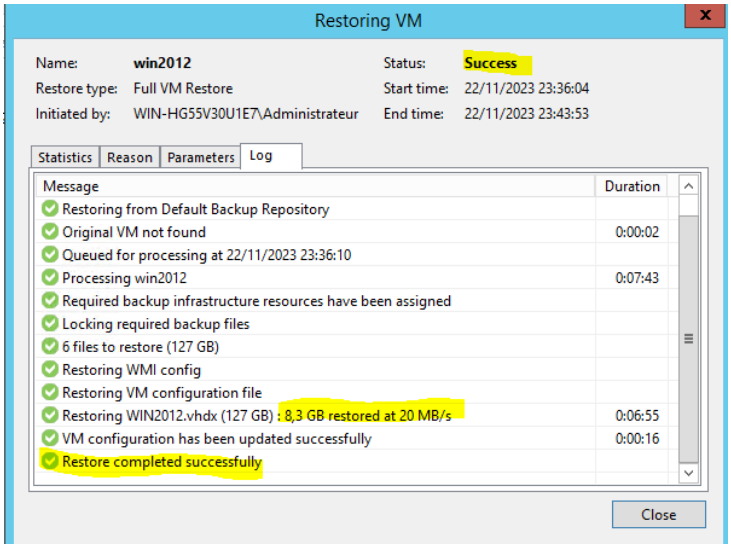
Un petit resumé



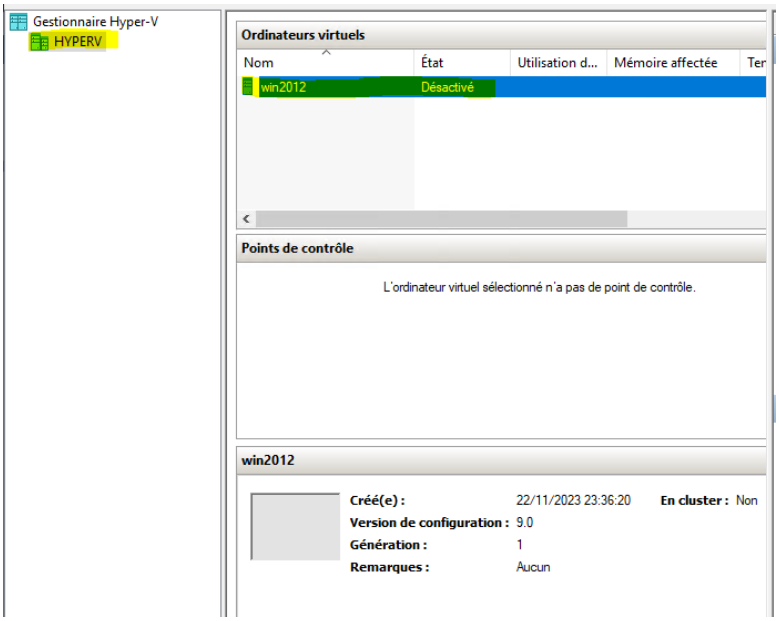
La restauration s’effectue je patiente maintenant.



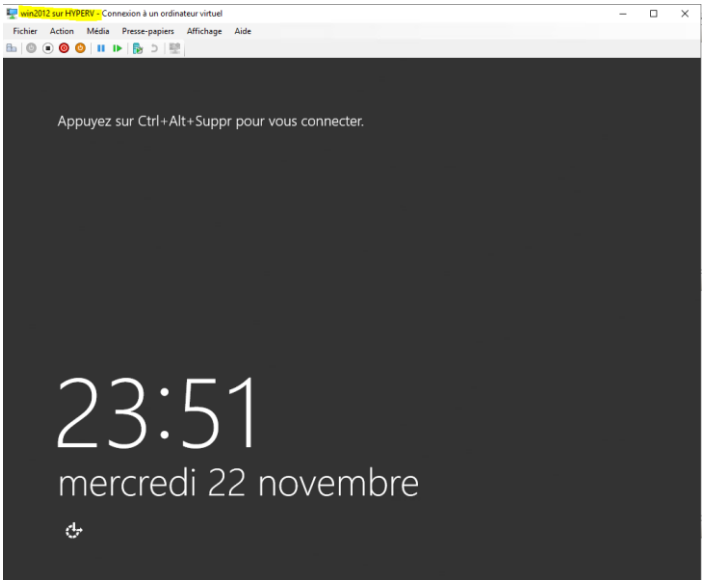
La restauration est terminée on voit que comme je n’utilise que 8GO sur 127 seulement 8GO ont été restaurée donc les plus importants



Si nous retournons sur le serveur hyper-V nous verrons que la VM est revenue.



Si je tente de démarrer la VM :



C’est parfait tout fonctionne.

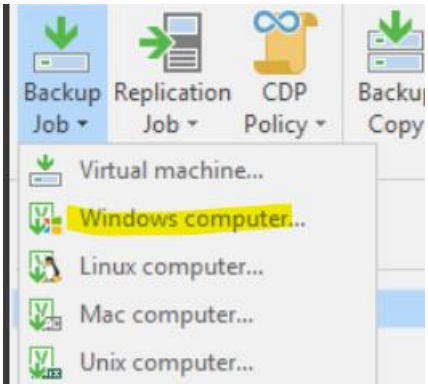
Erreur RPC qui suit une erreur proxy host

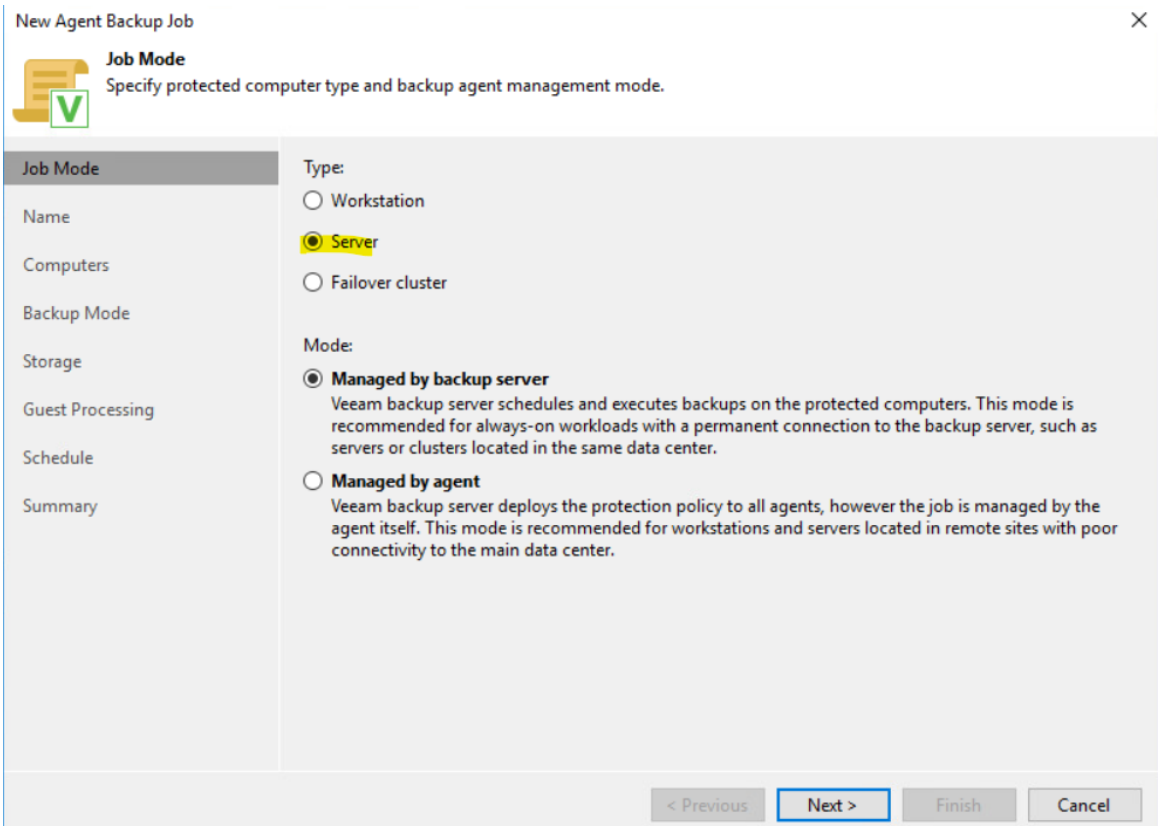
Seul solution désinstaller les composants sur le serveur hyper-v et rajouter le serveur sur la console Veeam.

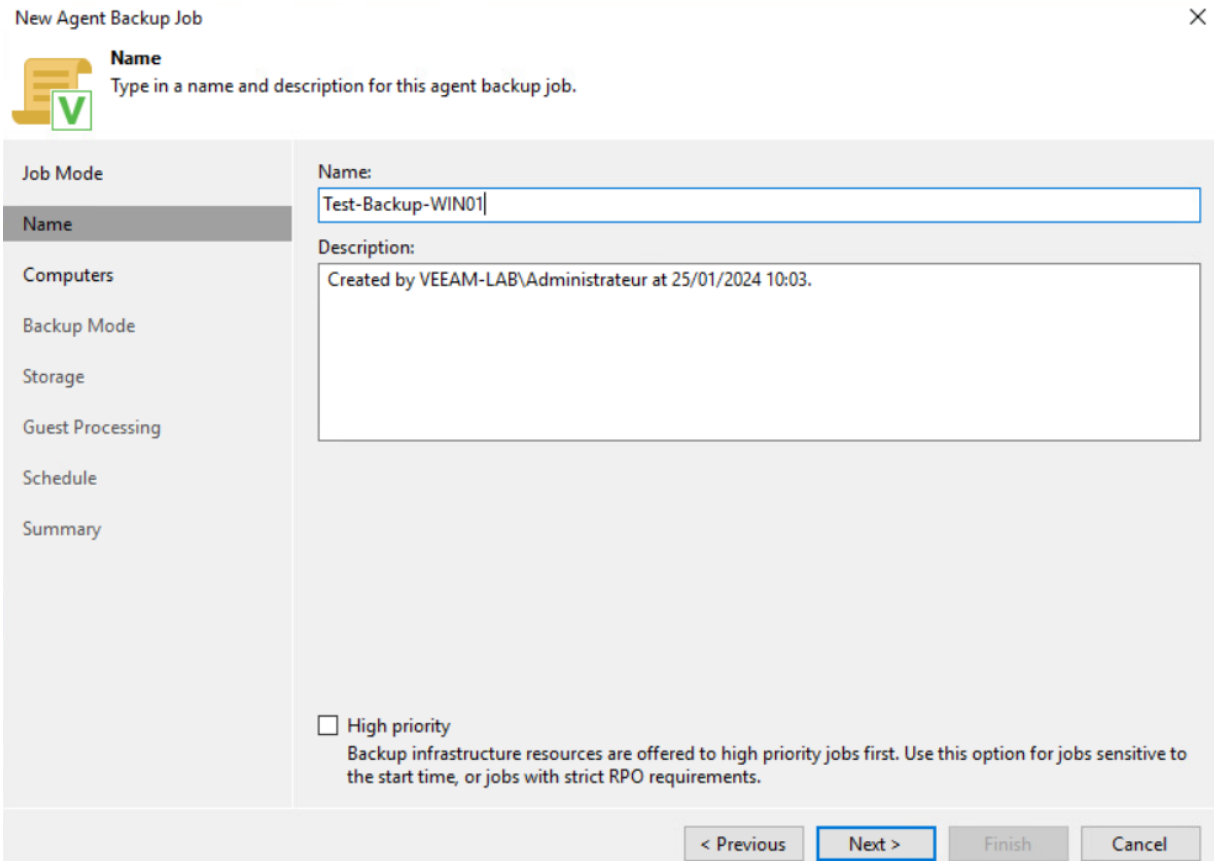
Veeam installation sur un serveur Windows

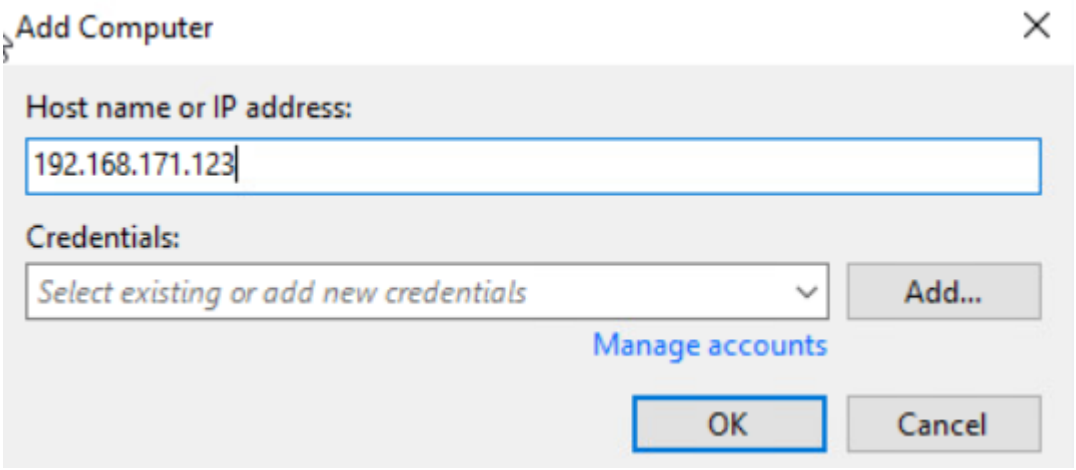
Il faut que le serveur ai une ip fixe et sois dans le même domaine pour faciliter la tache

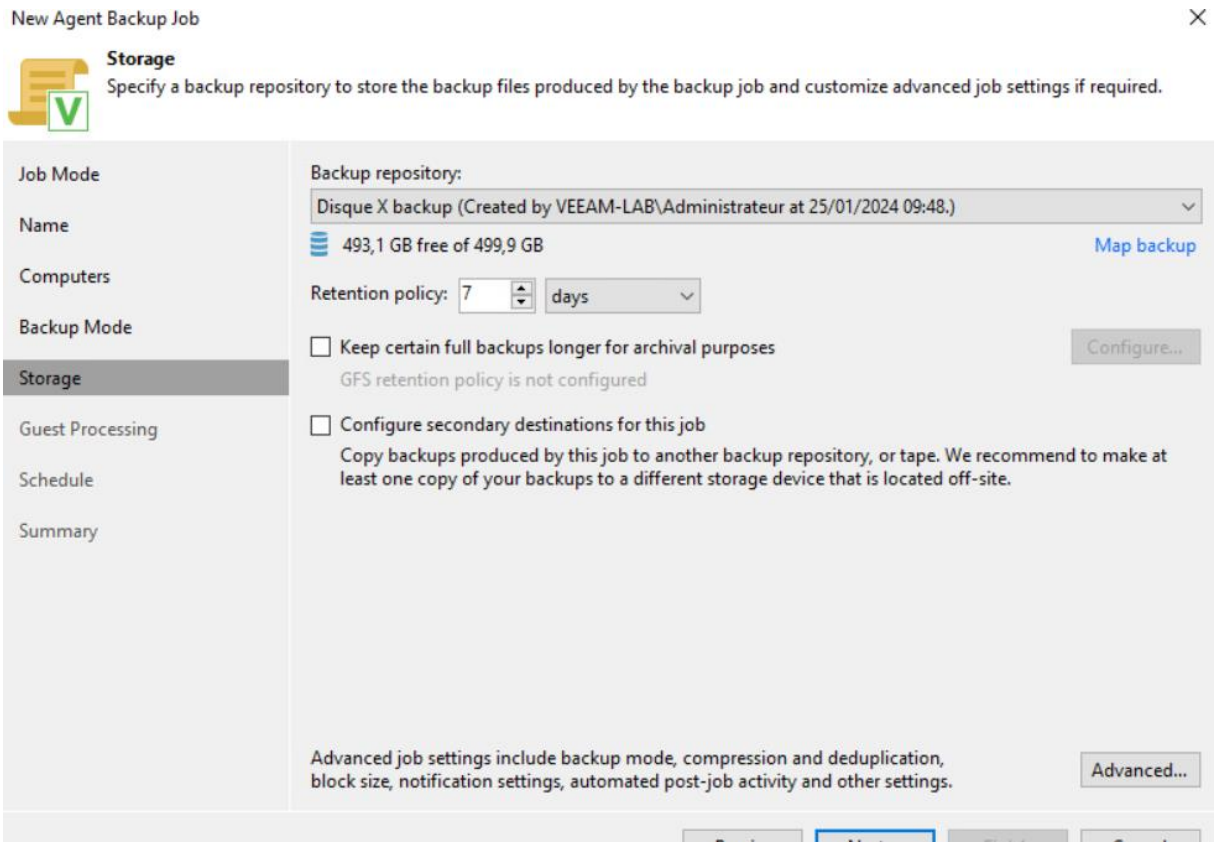
Ici j’ai crée un domaine « veeam-lab.fr »

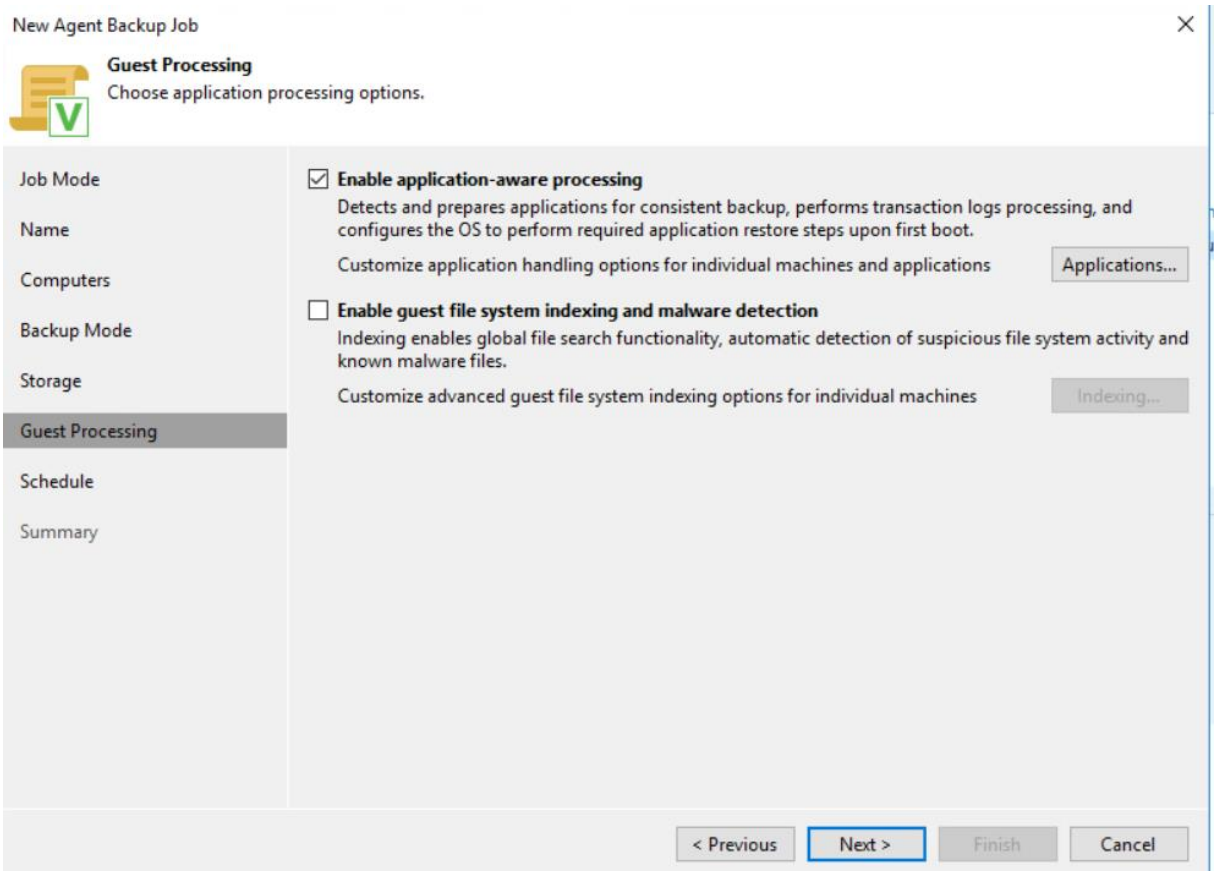


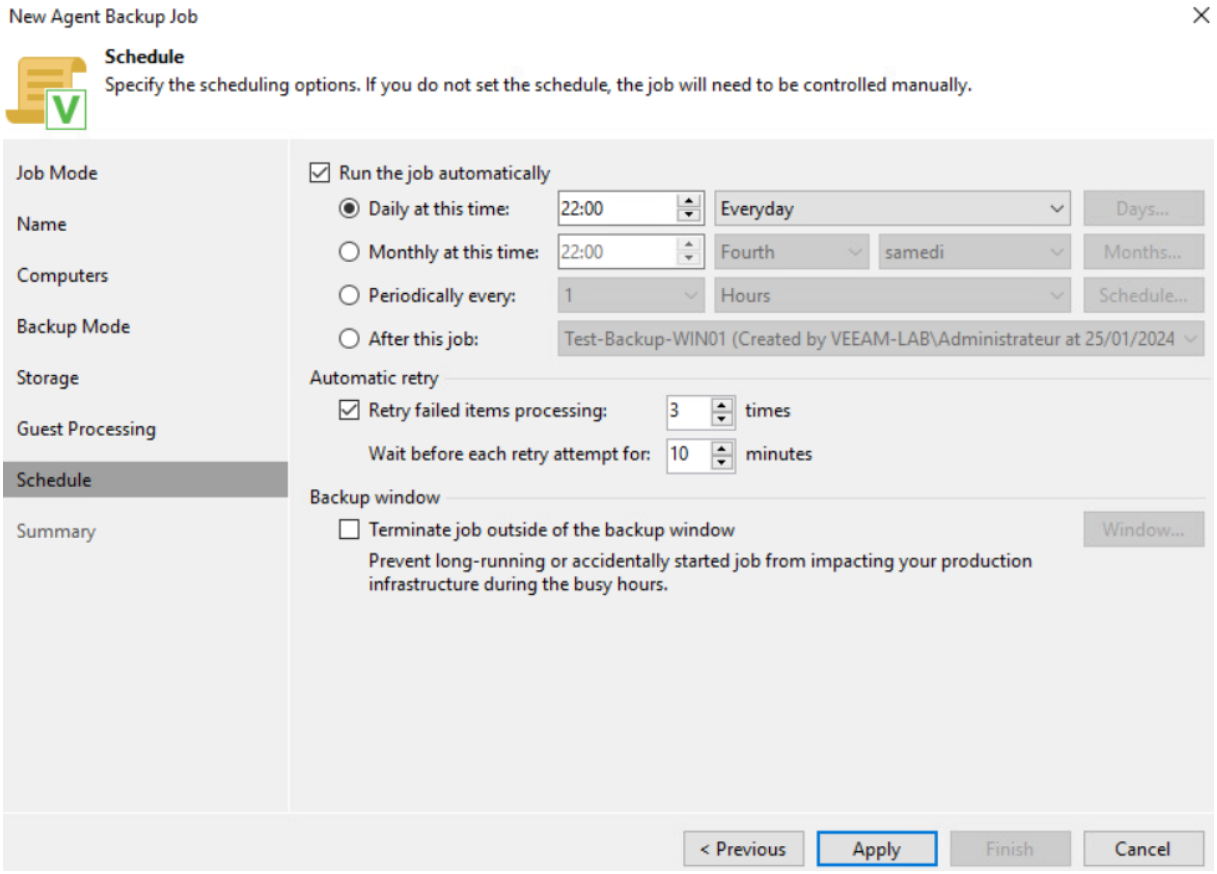

New Agent Backup Job
Job Mode
Specify protected computer type and backup agent management mode.
Job Mode
Name
Computers
Backup Mode
Storage
Guest Processing
Schedule
Summary
Type:
Workstation
Server
Failover cluster
Mode:
Managed by backup server
Veeam backup server schedules and executes backups on the protected computers. This mode is recommended for always-on workloads with a permanent connection to the backup server, such as servers or clusters located in the same data center.
Managed by agent
Veeam backup server deploys the protection policy to all agents, however the job is managed by the agent itself. This mode is recommended for workstations and servers located in remote sites with poor connectivity to the main data center.
< Previous
Next >
Finish
Cancel

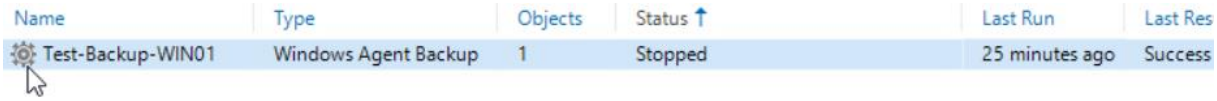

New Agent Backup Job
Name
Type in a name and description for this agent backup job.
Job Mode
Name
Computers
Backup Mode
Storage
Guest Processing
Schedule
Summary
Name:
Test-Backup-WIN01
Description:
Created by VEEAM-LAB\Administrateur at 25/01/2024 10:03.
High priority
Backup infrastructure resources are offered to high priority jobs first. Use this option for jobs sensitive to the start time, or jobs with strict RPO requirements.
< Previous
Next >
Finish
Cancel

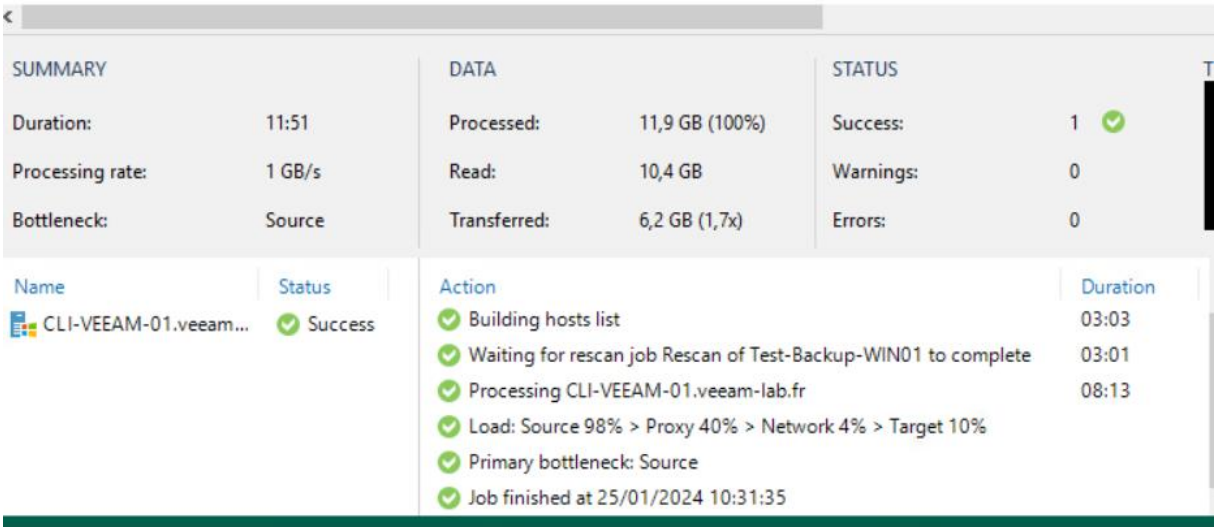

Add Computer
Host name or IP address:
192.168.171.123
Credentials:
Select existing or add new credentials
Add...
Manage accounts
OK
Cancel

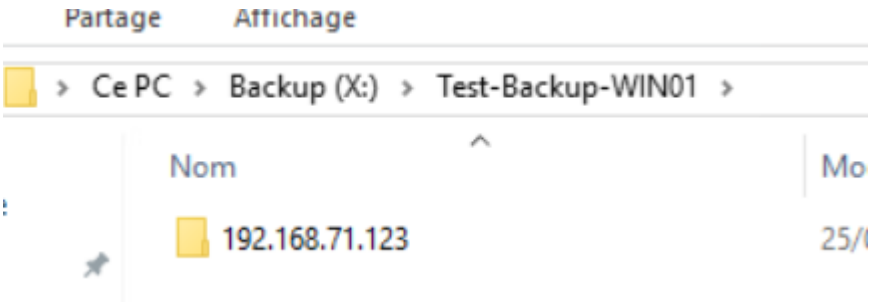

New Agent Backup Job
Storage
Specify a backup repository to store the backup files produced by the backup job and customize advanced job settings if required.
Job Mode
Name
Computers
Backup Mode
Storage
Guest Processing
Schedule
Summary
Backup repository:
Disque X backup (Created by VEEAM-LAB\Administrateur at 25/01/2024 09:48.)
493,1 GB free of 499,9 GB
Map backup
Retention policy: 7 days
Keep certain full backups longer for archival purposes
Configure...
GFS retention policy is not configured
Configure secondary destinations for this job
Copy backups produced by this job to another backup repository, or tape. We recommend to make at least one copy of your backups to a different storage device that is located off-site.
Advanced job settings include backup mode, compression and deduplication, block size, notification settings, automated post-job activity and other settings.
Advanced...

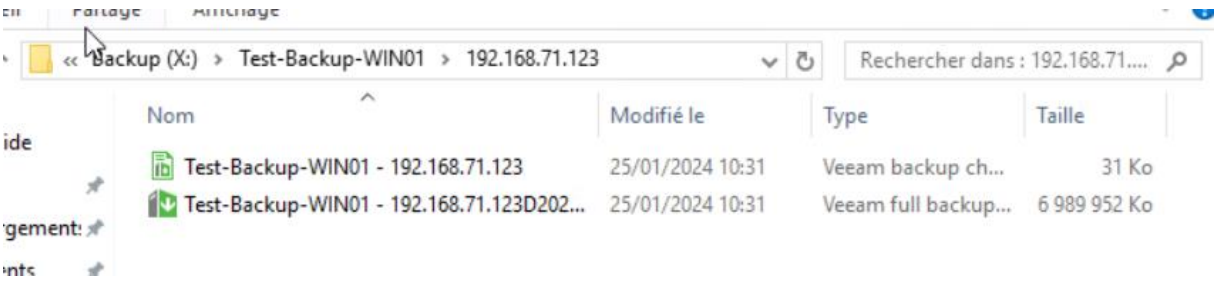

New Agent Backup Job
Guest Processing
Choose application processing options.
Job Mode
Name
Computers
Backup Mode
Storage
Guest Processing
Schedule
Summary
Enable application-aware processing
Detects and prepares applications for consistent backup, performs transaction logs processing, and configures the OS to perform required application restore steps upon first boot.
Customize application handling options for individual machines and applications
Applications...
Enable guest file system indexing and malware detection
Indexing enables global file search functionality, automatic detection of suspicious file system activity and known malware files.
Customize advanced guest file system indexing options for individual machines
Indexing...
< Previous
Next >
Finish
Cancel


New Agent Backup Job
Schedule
Specify the scheduling options. If you do not set the schedule, the job will need to be controlled manually.
Job Mode
Name
Computers
Backup Mode
Storage
Guest Processing
Schedule
Summary
Run the job automatically
Daily at this time:
22:00
Everyday
Days...
Monthly at this time:
22:00
Fourth
samedi
Months...
Periodically every:
1
Hours
Schedule...
After this job:
Test-Backup-WIN01 (Created by VEEAM-LAB\Administrateur at 25/01/2024
Automatic retry
Retry failed items processing:
3
times
Wait before each retry attempt for:
10
minutes
Backup window
Terminate job outside of the backup window
Window...
Prevent long-running or accidentally started job from impacting your production infrastructure during the busy hours.
< Previous
Apply
Finish
Cancel

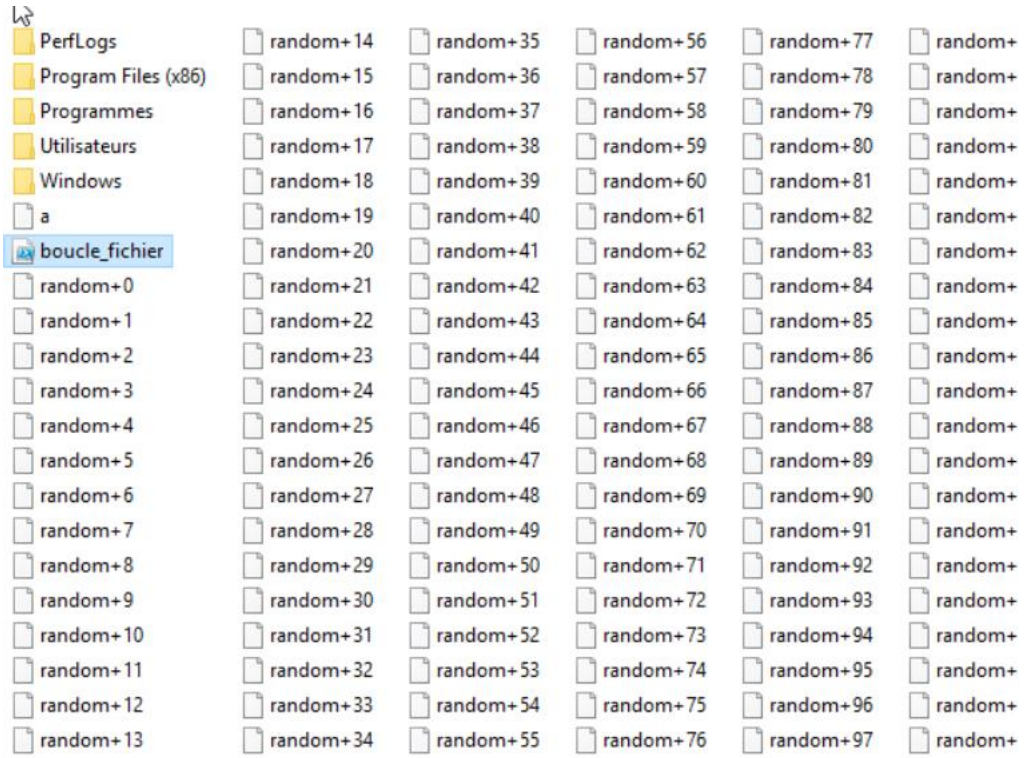

Name
Type
Objects
Status
Last Run
Last Res
Test-Backup-WIN01
Windows Agent Backup
1
Stopped
25 minutes ago
Success


SUMMARY
Duration:
11:51
Processing rate:
1 GB/s
Bottleneck:
Source
DATA
Processed:
11,9 GB (100%)
Read:
10,4 GB
Transferred:
6,2 GB (1,7x)
STATUS
Success:
1
Warnings:
0
Errors:
0
Name
Status
CLI-VEEAM-01.veeam...
Success
Action
Duration
Building hosts list
03:03
Waiting for rescan job Rescan of Test-Backup-WIN01 to complete
03:01
Processing CLI-VEEAM-01.veeam-lab.fr
08:13
Load: Source 98% > Proxy 40% > Network 4% > Target 10%
Primary bottleneck: Source
Job finished at 25/01/2024 10:31:35





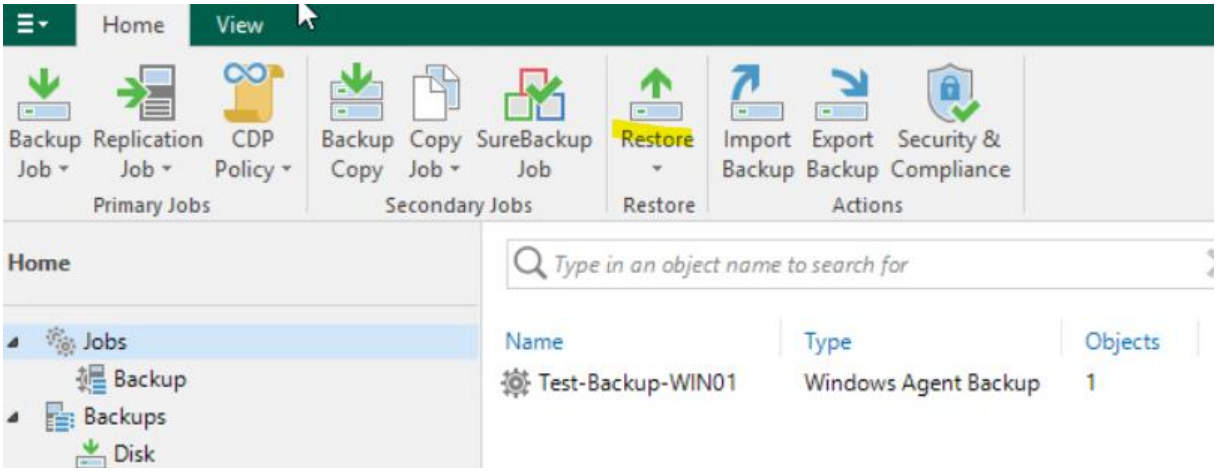
Sur ma machine CLIENTE je vais créer une flotte de fichiers et formater disque et descendre un backup

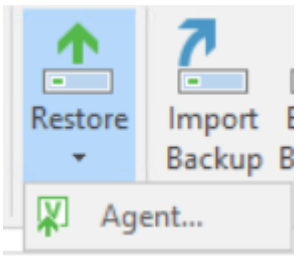


Ensuite je supprime tous les fichiers

Je lance un autre backup

Restauration





Restore from Veeam Agent backup

Select the type of restore you want to perform.

Entire machine restore
Restores backup as a virtual or cloud machine.

Disk restore
Restores the content of individual disks and volumes.

Guest files restore
Restores individual guest files from an image-level backup.

Application items restore
Restores individual application items from an image-level backup.

Database restore
Restores databases to a point in time back to the original or to a different server.

Disk Restore

Select the type of restore type you want to perform.

Volume restore
Restores individual volumes to the selected server or workstation.

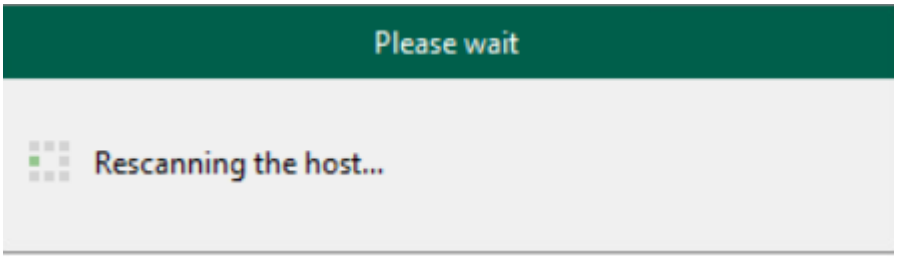
Export disk
Exports disk content as a virtual disk file of the selected format.

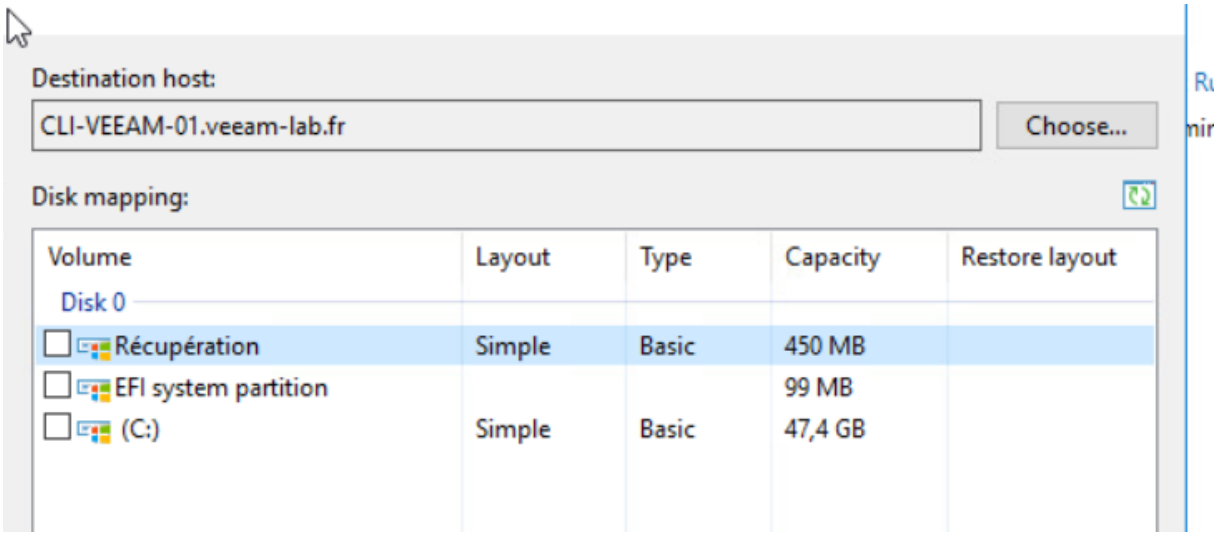
Publish disk
Instantly publishes backed up disk content to any machine as a new volume.

Computer: **CLI-VEEAM-01.veeam-lab.fr**

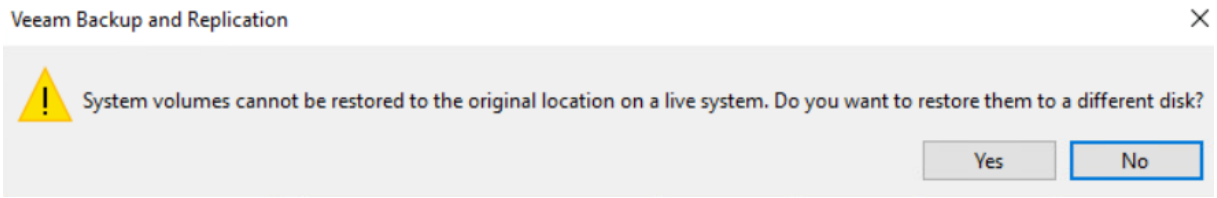
Job name	Last restore point	Objects	Restore points
Test-Backup-WIN01	25/01/2024 11:39:47	1	
CLI-VEEAM-01....	less than a day ago (1...		2

Je prends cette dernière à 11h39

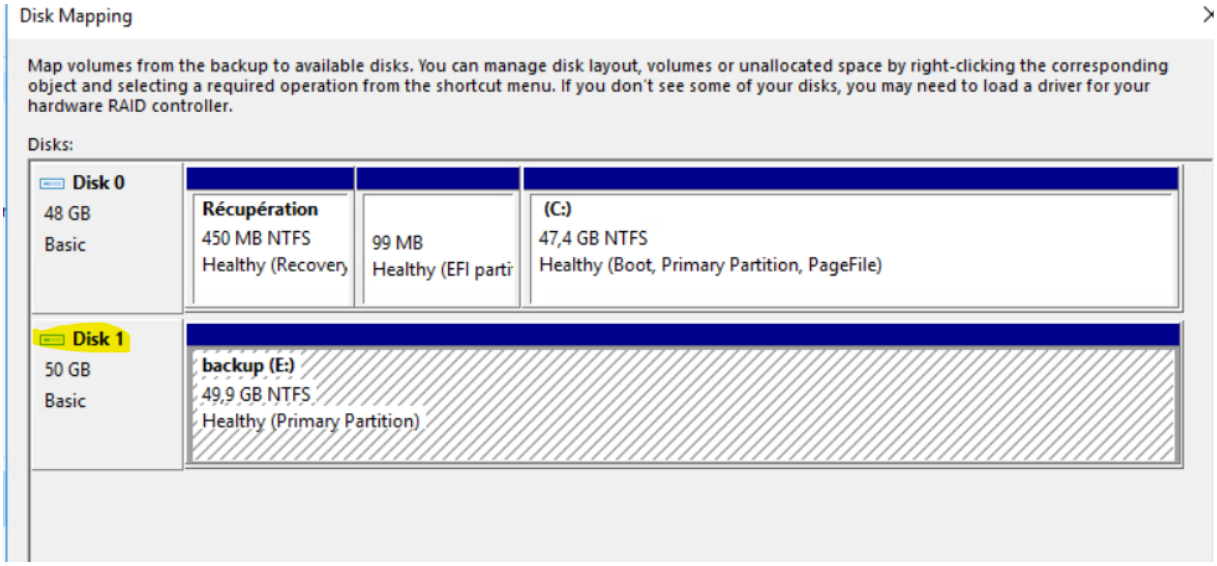


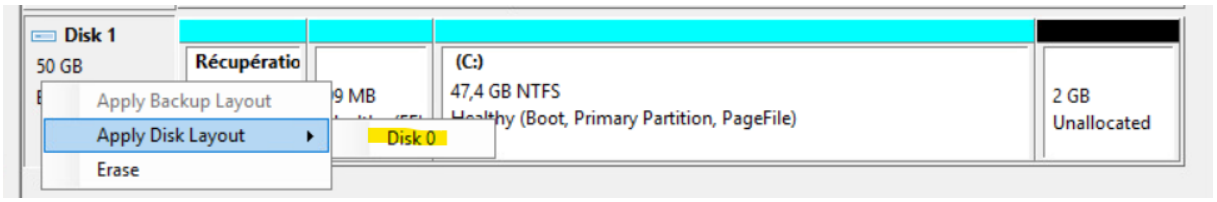


Il faut rajouter un disque sur lequel on va backuper l'ancien disque pour récupérer notre data

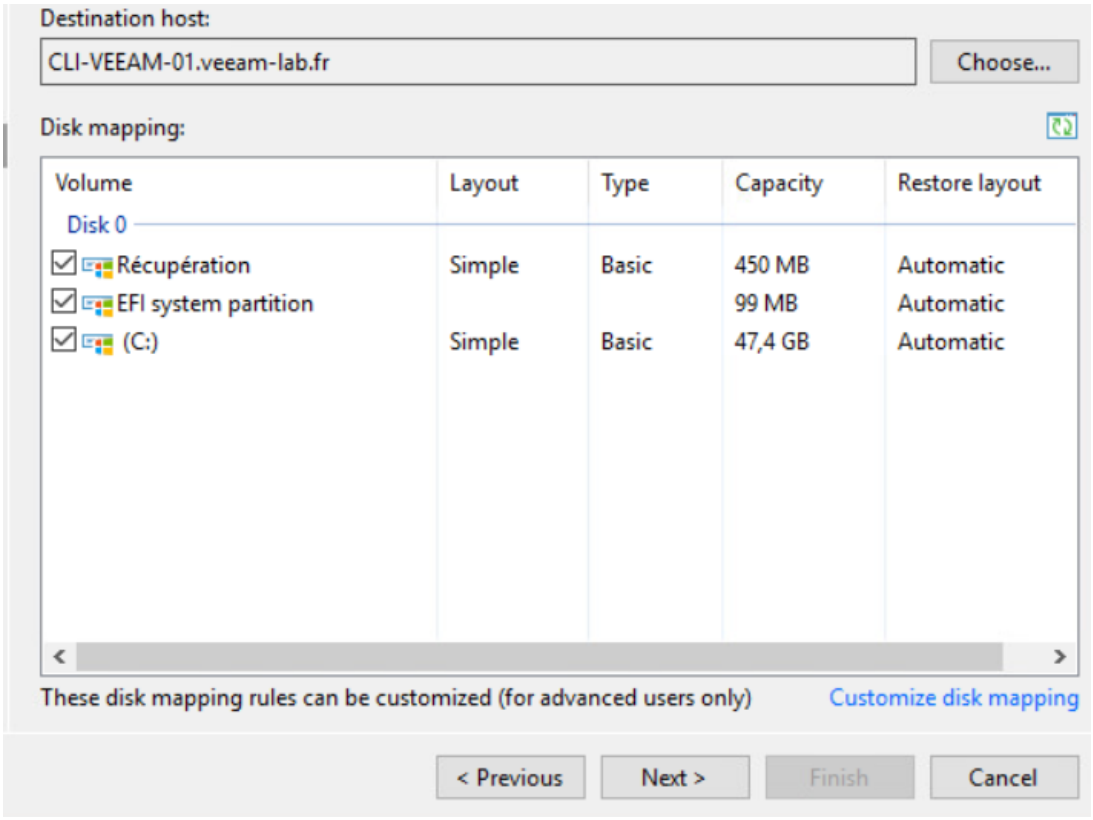


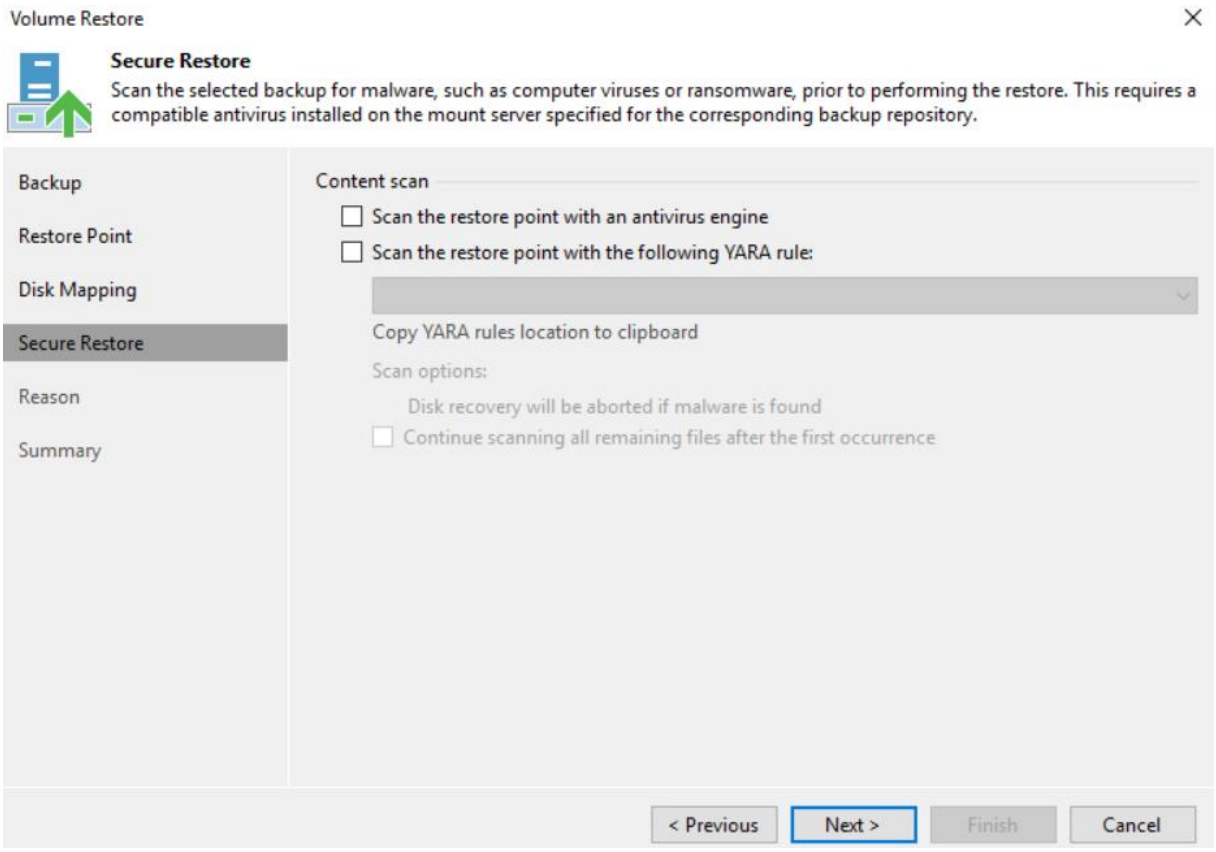
Il faut choisir le second disque

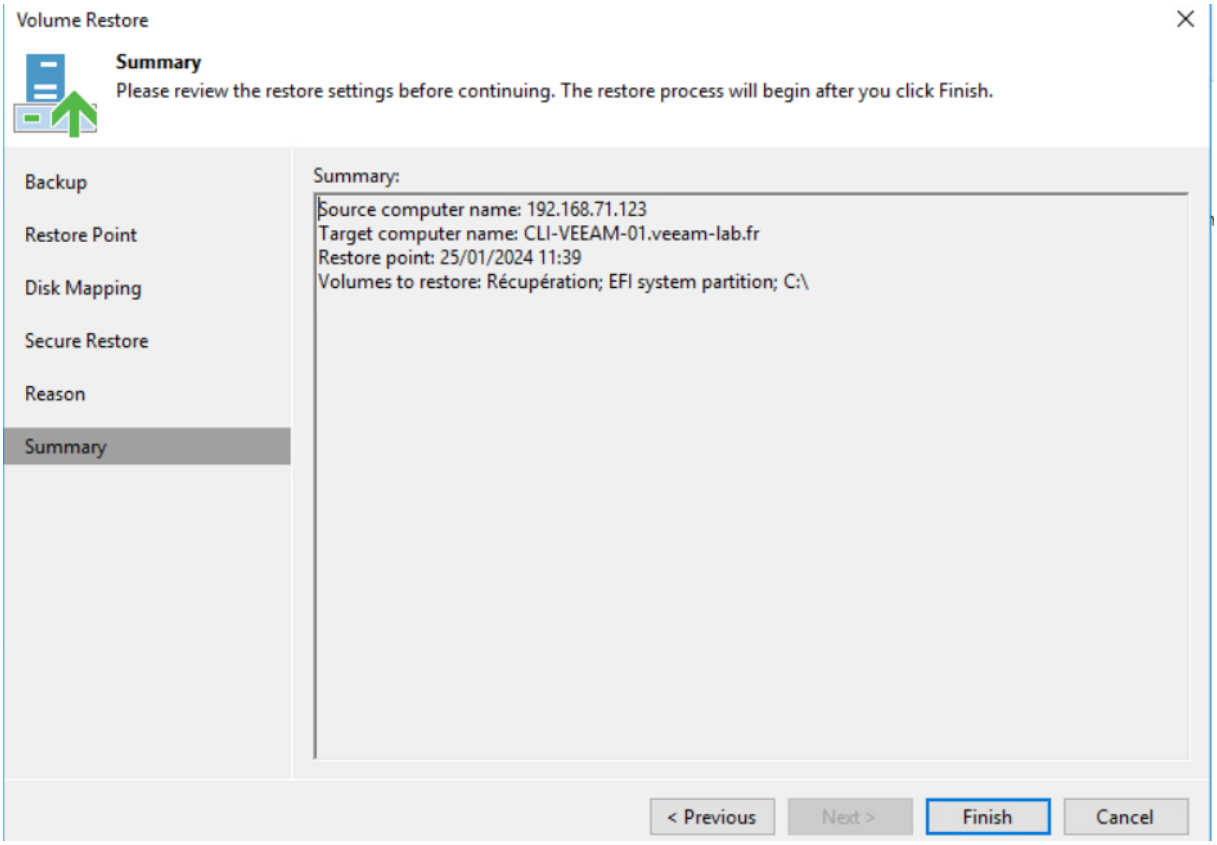


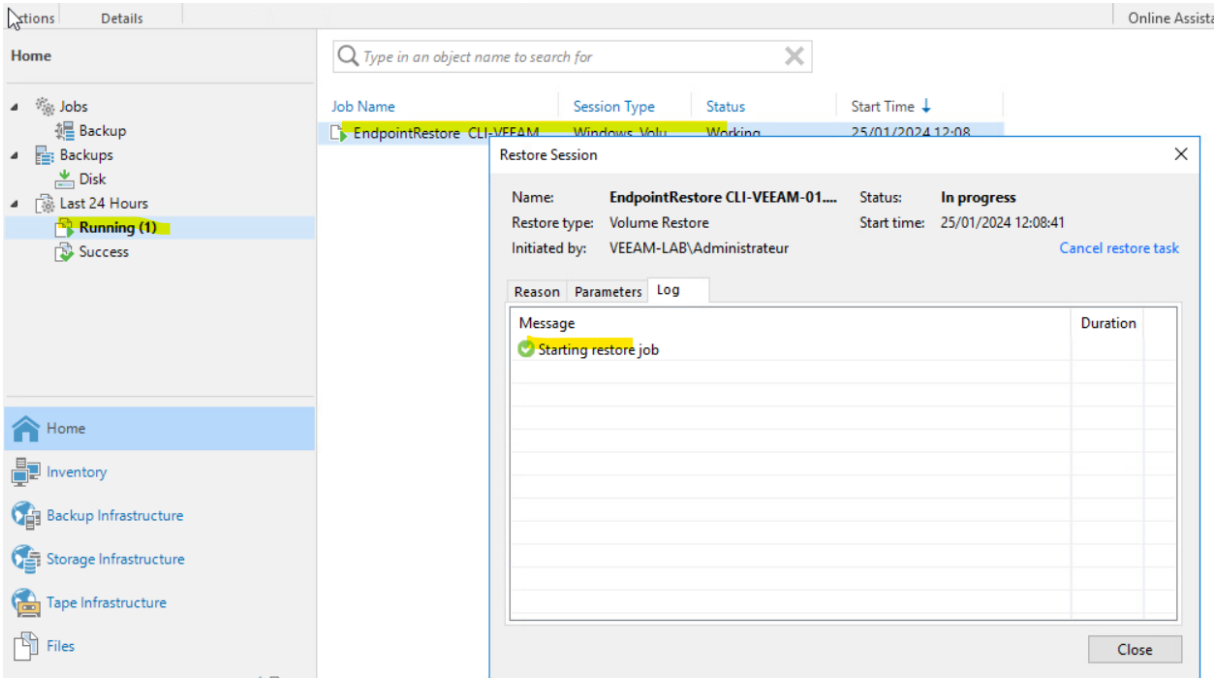


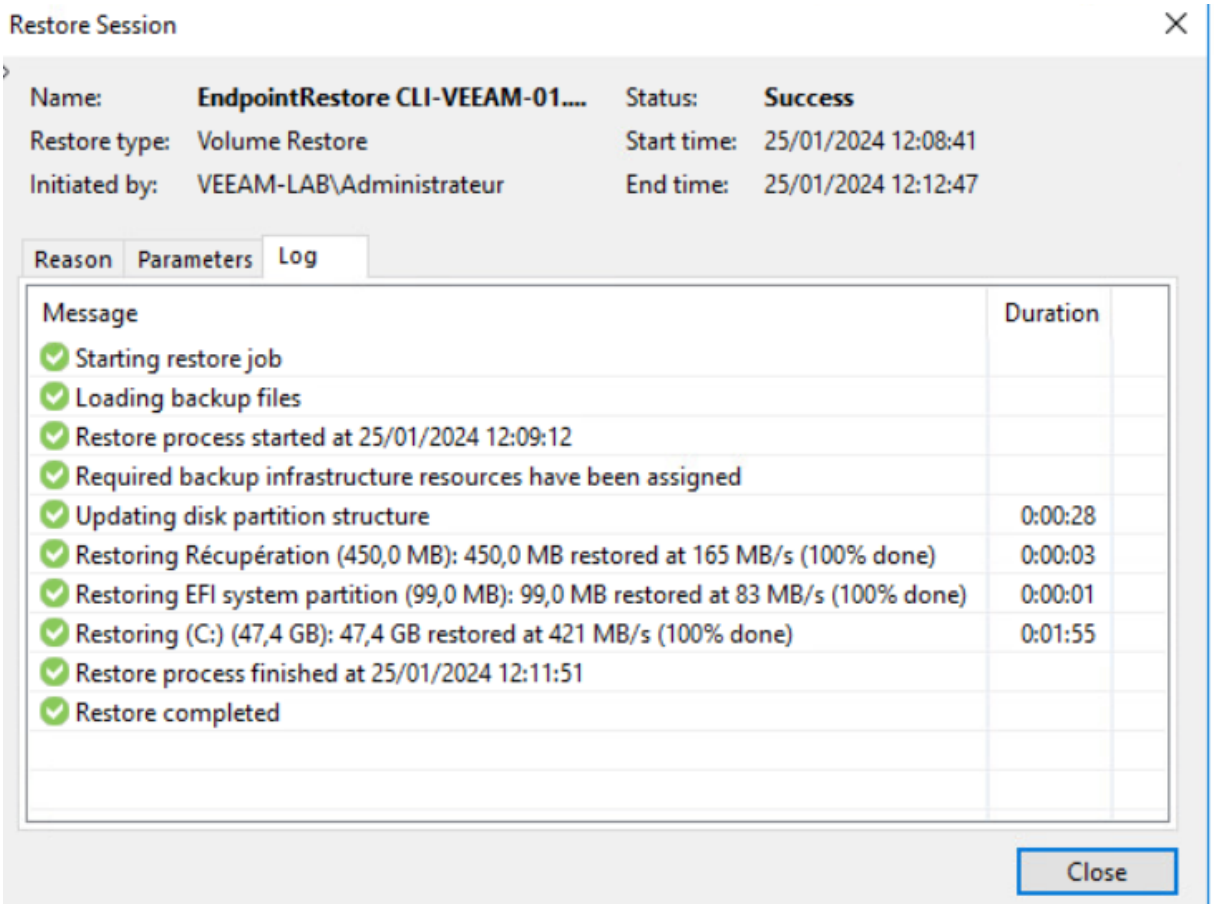
Ensuite next


Destination host:
CLI-VEEAM-01.veeam-lab.fr
Choose...
Disk mapping:
Volume
Layout
Type
Capacity
Restore layout
Disk 0
Récupération
Simple
Basic
450 MB
Automatic
EFI system partition
99 MB
Automatic
(C:)
Simple
Basic
47,4 GB
Automatic
These disk mapping rules can be customized (for advanced users only)
Customize disk mapping
< Previous
Next >
Finish
Cancel

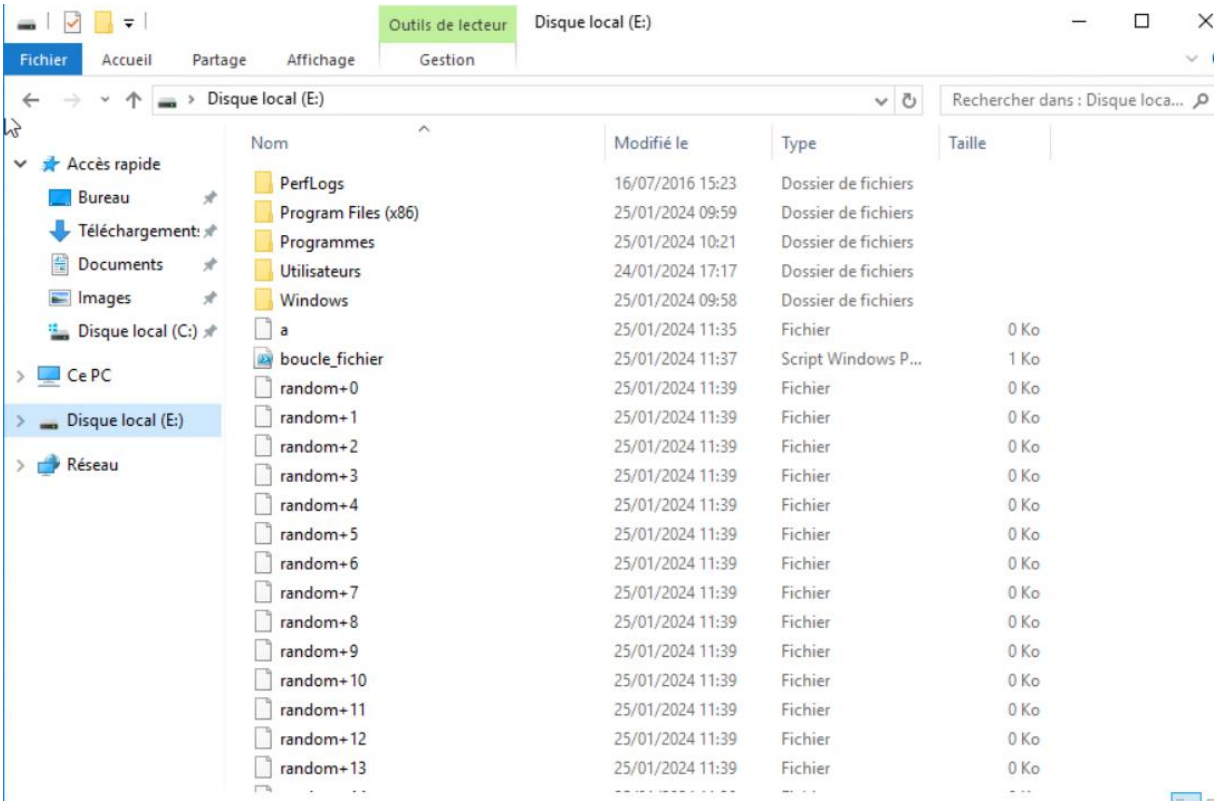

Volume Restore
Secure Restore
Scan the selected backup for malware, such as computer viruses or ransomware, prior to performing the restore. This requires a compatible antivirus installed on the mount server specified for the corresponding backup repository.
Backup
Restore Point
Disk Mapping
Secure Restore
Reason
Summary
Content scan
Scan the restore point with an antivirus engine
Scan the restore point with the following YARA rule:
Copy YARA rules location to clipboard
Scan options:
Disk recovery will be aborted if malware is found
Continue scanning all remaining files after the first occurrence
< Previous
Next >
Finish
Cancel


Volume Restore
Summary
Please review the restore settings before continuing. The restore process will begin after you click Finish.
Backup
Restore Point
Disk Mapping
Secure Restore
Reason
Summary
Summary:
Source computer name: 192.168.71.123
Target computer name: CLI-VEEAM-01.veeam-lab.fr
Restore point: 25/01/2024 11:39
Volumes to restore: Récupération; EFI system partition; C:\
< Previous
Next >
Finish
Cancel


Details
Online Assista
Home
Type in an object name to search for
Jobs
Backup
Backups
Disk
Last 24 Hours
Running (1)
Success
Job Name
Session Type
Status
Start Time
EndpointRestore_CLI-VEEAM
Windows Volu
Working
25/01/2024 12:08
Restore Session
Name:
EndpointRestore CLI-VEEAM-01....
Status:
In progress
Restore type:
Volume Restore
Start time:
25/01/2024 12:08:41
Initiated by:
VEEAM-LAB\Administrateur
Cancel restore task
Reason
Parameters
Log
Message
Duration
Starting restore job
Close
Home
Inventory
Backup Infrastructure
Storage Infrastructure
Tape Infrastructure
Files



Voila on voit le disque E qui comporte le backup du disque C



Backup via agent et workstation

On peut aussi faire un backup via l'agent veeam qui s'installe automatiquement sur les machines que nous aurons spécialisées tant que nous mettons le bon credential

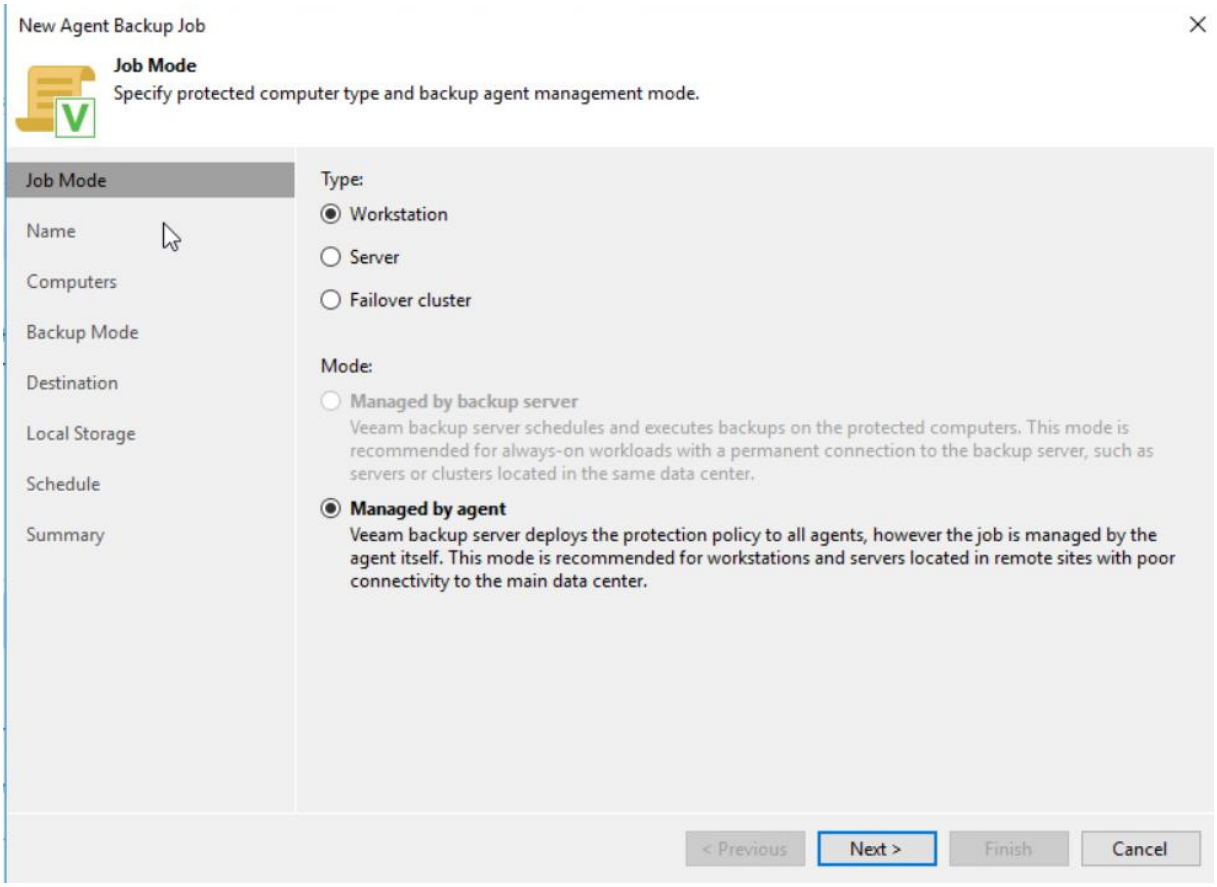
Pour effectuer cela mieux vaut avoir que les machines soient dans le même domaine etc.

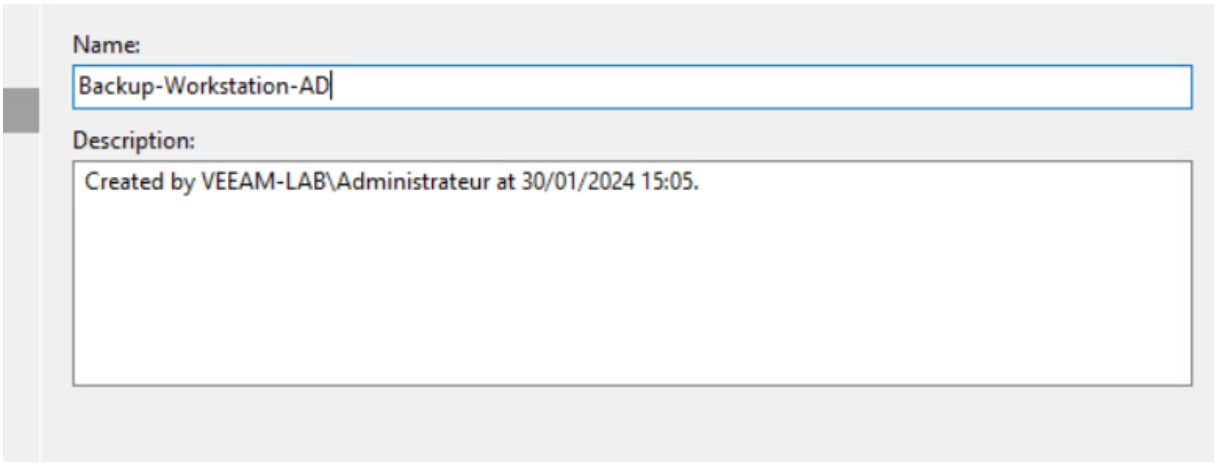
Prévoir les taches de backup vers 12h00 et en mentionnant bien aux users de garder leurs pcs allumés et si télétravail garder vpn allumé.

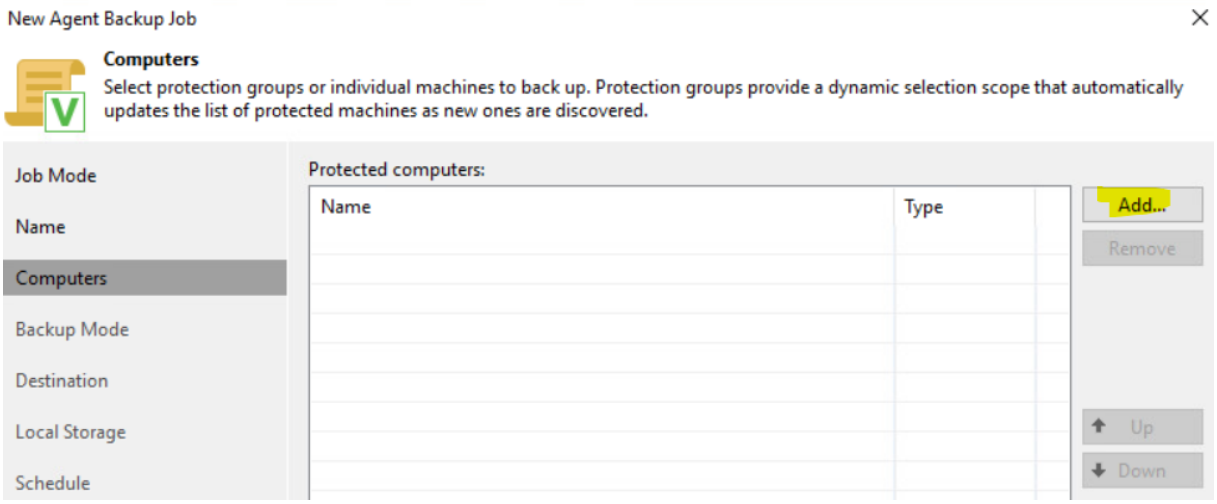
Mieux vaut fonctionner avec le fqdn des machines et non les IP car avec l'active directory et le dns dynamique tout est automatiquement mis à jour au niveau des enregistrements « A »

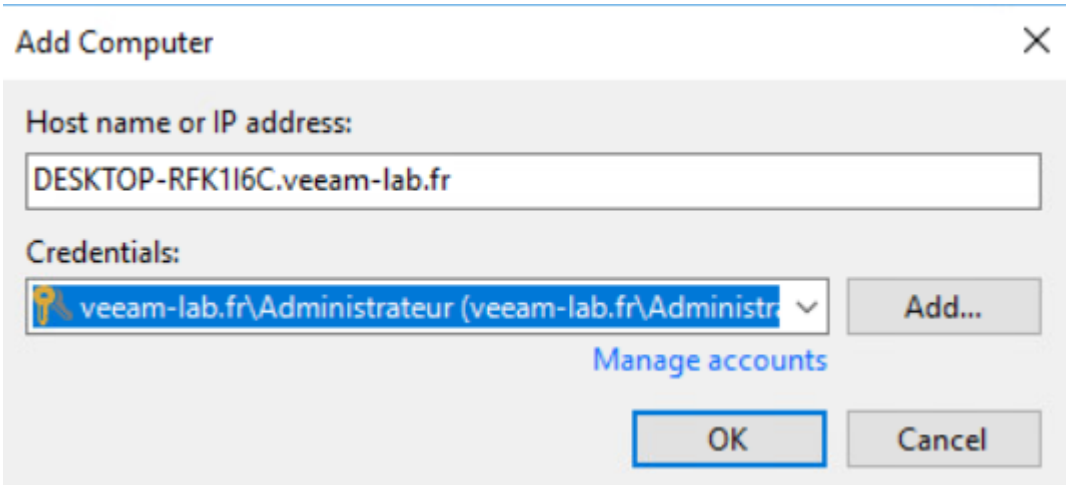
```
PS C:\Users\Administrateur> ping DESKTOP-RFK1I6C.veeam-lab.fr

Envoi d'une requête 'ping' sur DESKTOP-RFK1I6C.veeam-lab.fr [192.168.71.125] avec 32 octets de données :
Réponse de 192.168.71.125 : octets=32 temps<1ms TTL=128
Réponse de 192.168.71.125 : octets=32 temps<1ms TTL=128
Réponse de 192.168.71.125 : octets=32 temps<1ms TTL=128
Réponse de 192.168.71.125 : octets=32 temps<1ms TTL=128

Statistiques Ping pour 192.168.71.125:
    Paquets : envoyés = 4, reçus = 4, perdus = 0 (perte 0%),
Durée approximative des boucles en millisecondes :
    Minimum = 0ms, Maximum = 0ms, Moyenne = 0ms
PS C:\Users\Administrateur>
```

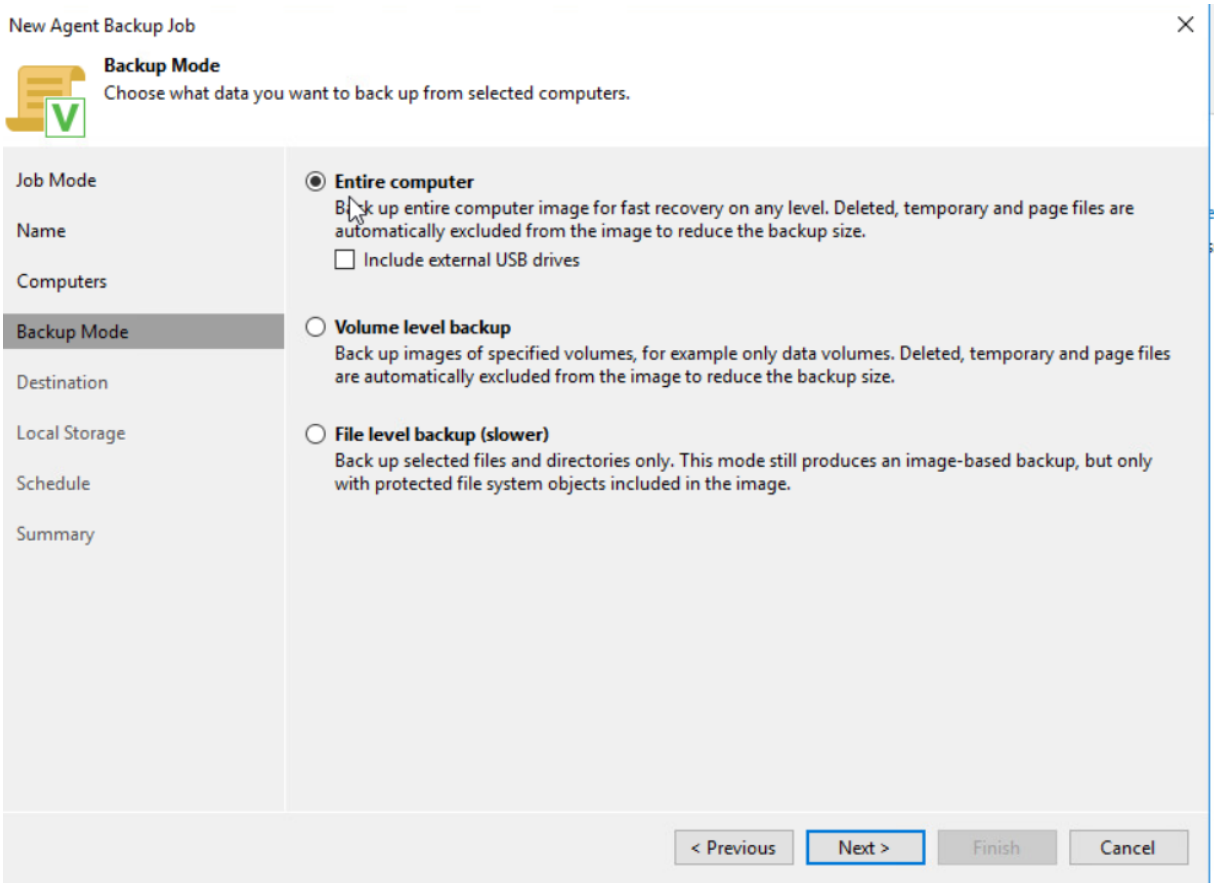
C’est cette machine que l’on doit ajouter.


New Agent Backup Job
Job Mode
Specify protected computer type and backup agent management mode.
Job Mode
Name
Computers
Backup Mode
Destination
Local Storage
Schedule
Summary
Type:
Workstation
Server
Failover cluster
Mode:
Managed by backup server
Veeam backup server schedules and executes backups on the protected computers. This mode is recommended for always-on workloads with a permanent connection to the backup server, such as servers or clusters located in the same data center.
Managed by agent
Veeam backup server deploys the protection policy to all agents, however the job is managed by the agent itself. This mode is recommended for workstations and servers located in remote sites with poor connectivity to the main data center.
< Previous
Next >
Finish
Cancel

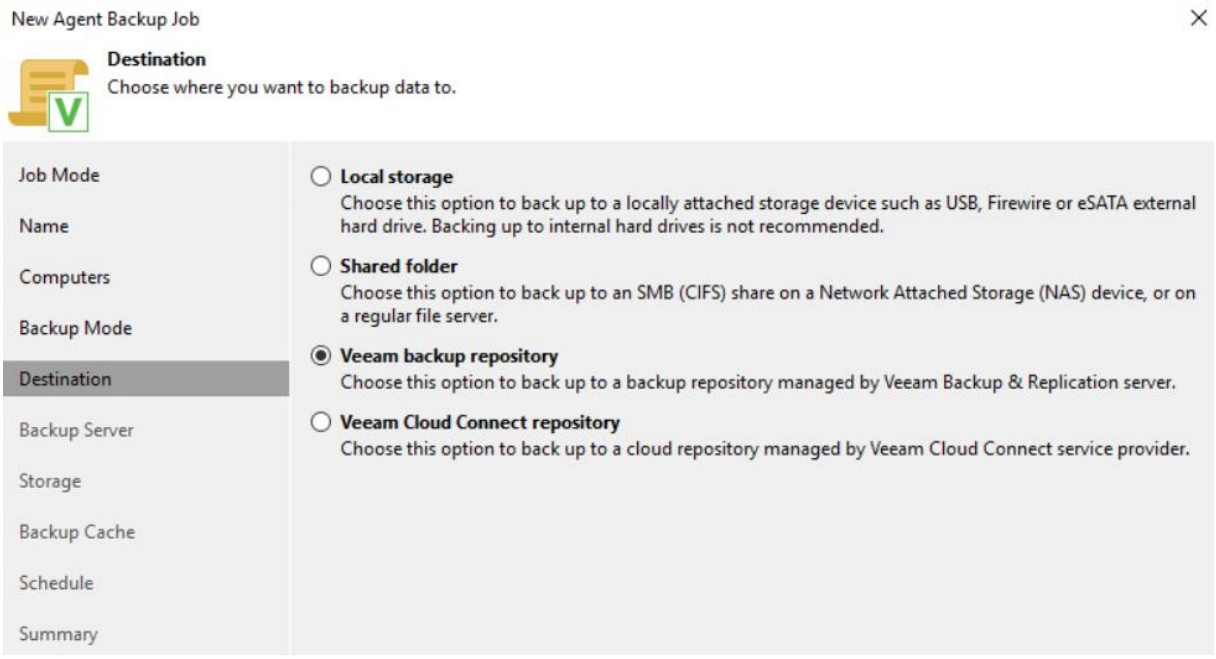

Name:
Backup-Workstation-AD
Description:
Created by VEEAM-LAB\Administrateur at 30/01/2024 15:05.

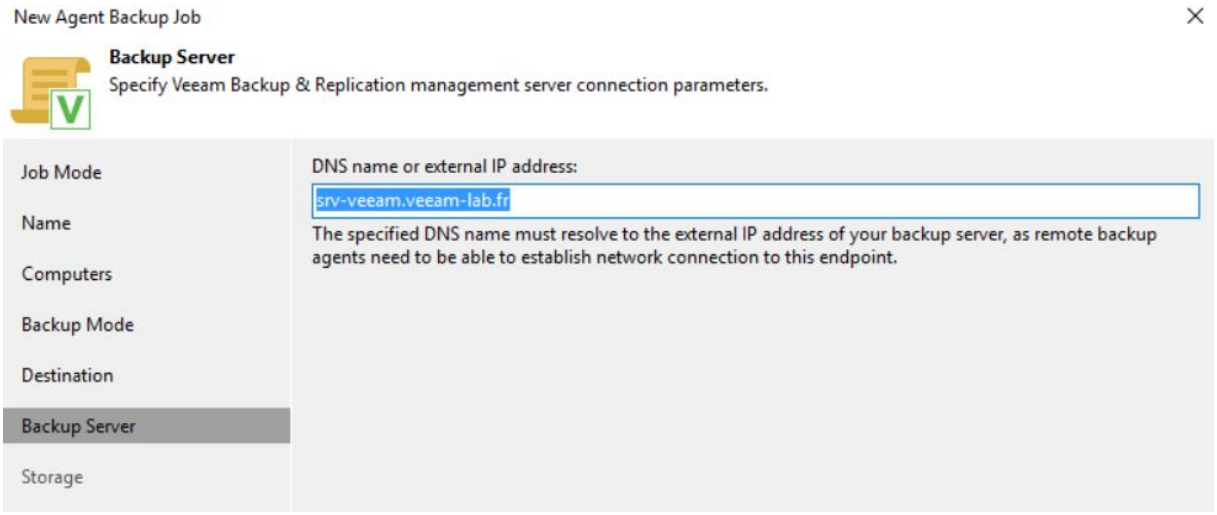

New Agent Backup Job
Computers
Select protection groups or individual machines to back up. Protection groups provide a dynamic selection scope that automatically updates the list of protected machines as new ones are discovered.
Job Mode
Name
Computers
Backup Mode
Destination
Local Storage
Schedule
Protected computers:
Name
Type
Add...
Remove
Up
Down


Add Computer
Host name or IP address:
DESKTOP-RFK1I6C.veeam-lab.fr
Credentials:
veeam-lab.fr\Administrateur (veeam-lab.fr\Administr
Add...
Manage accounts
OK
Cancel



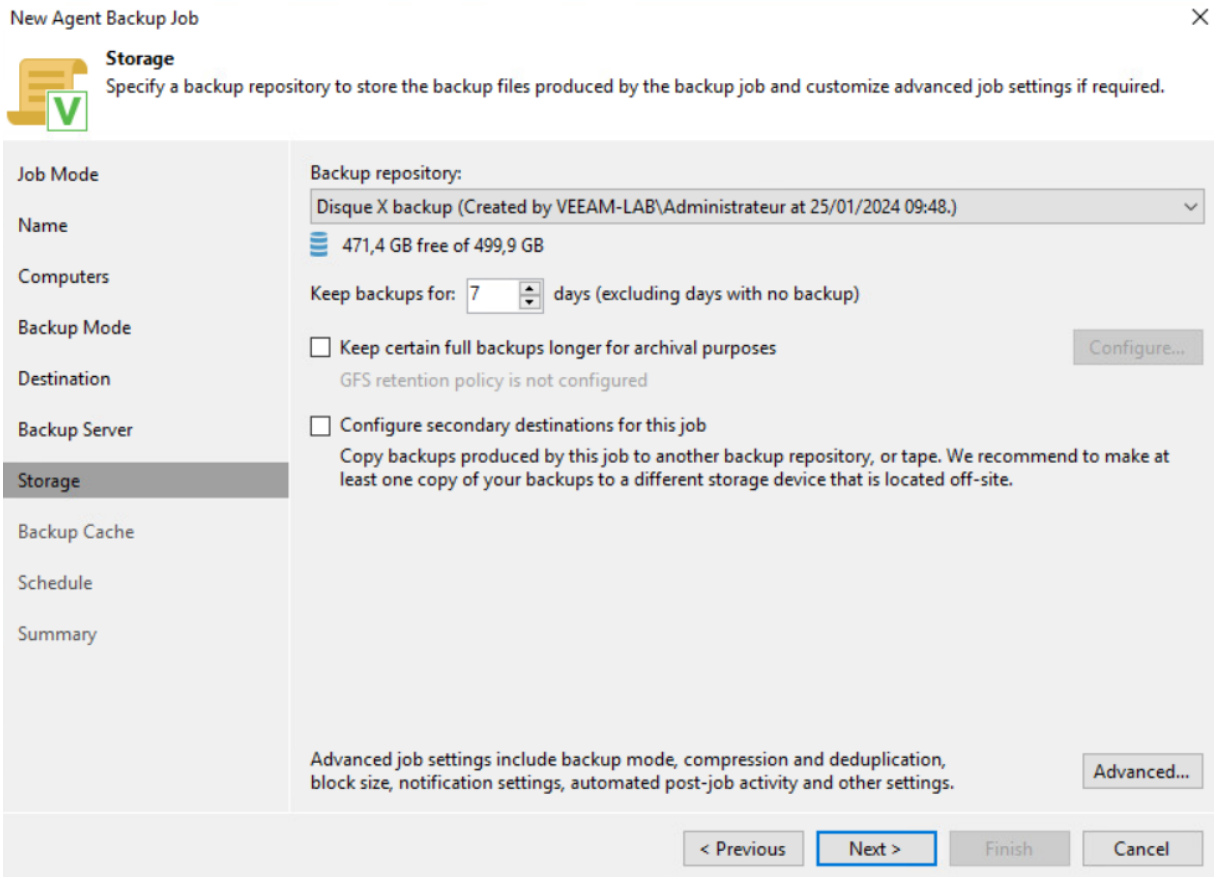
Comme c'est des hosts à la data incertaine je choisis de backup le pc entièrement.



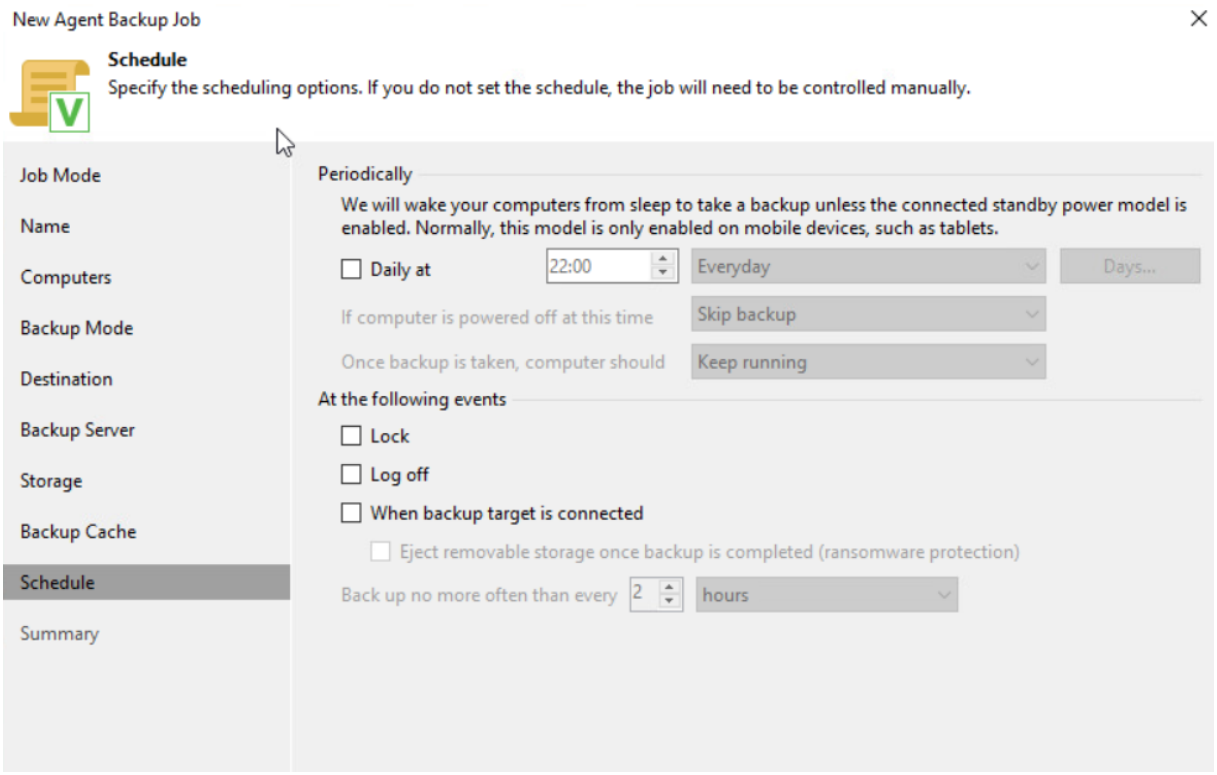


Ensuite tout dépendra de notre manière de faire les choses est ce que le serveur veeam possède une adresse IP publique à lui seul ou non ?

Mon approche sera un serveur dans l'infra et backup pendant pause déjeuner et ceux en TT devront laisser leur vpn actif vu que c'est de l'incremental rien de bien lourd sera backuper

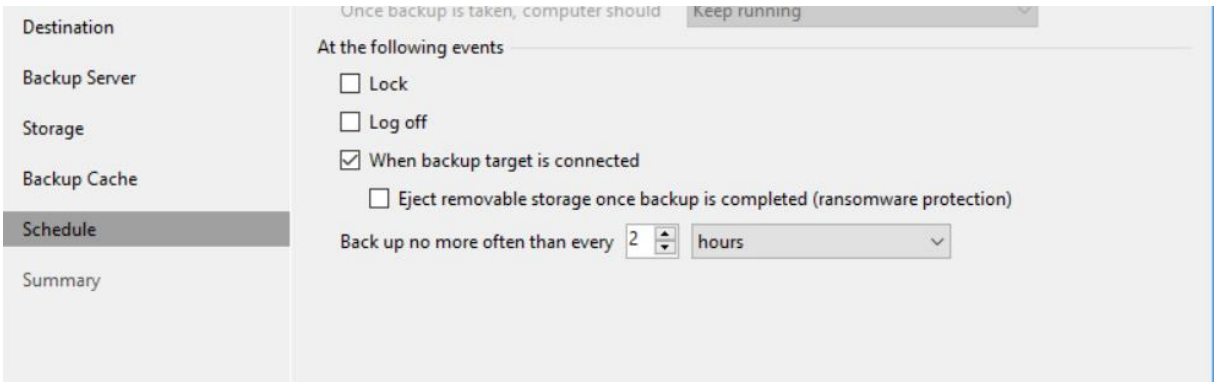


Je n’utiliserai pas de backup cache

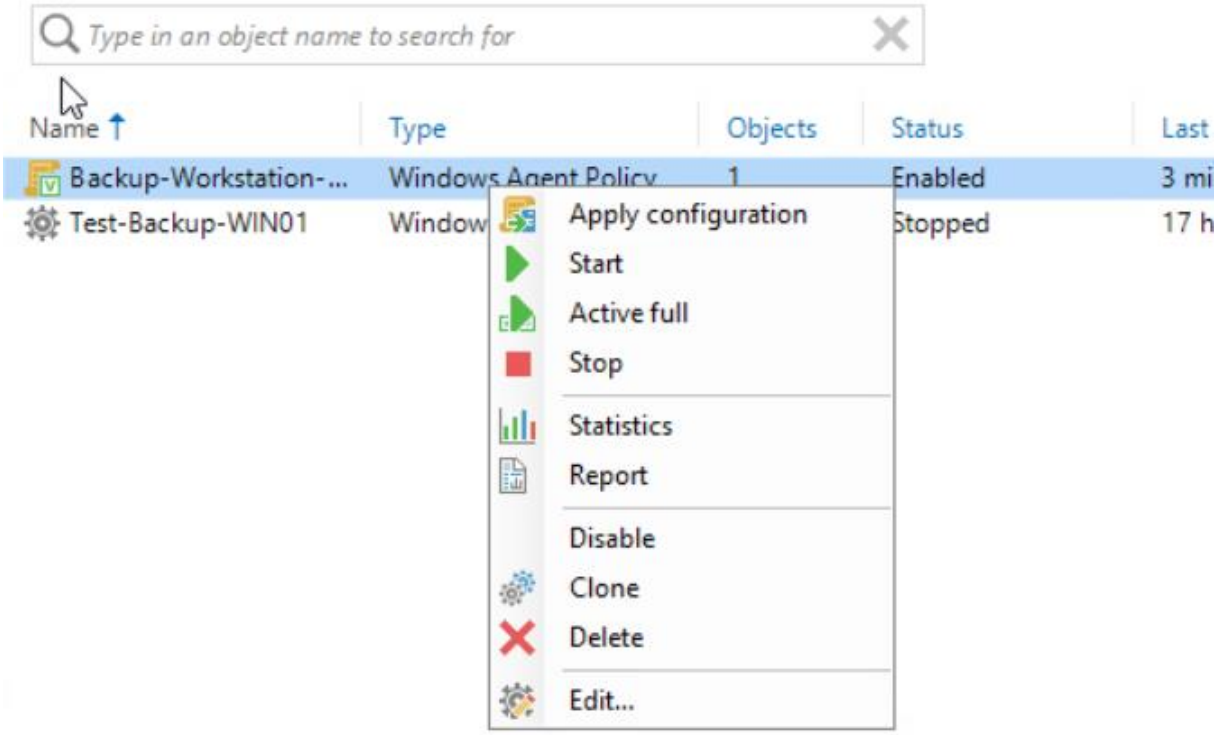


On peut sois faire de manière périodique ou à certains évènements

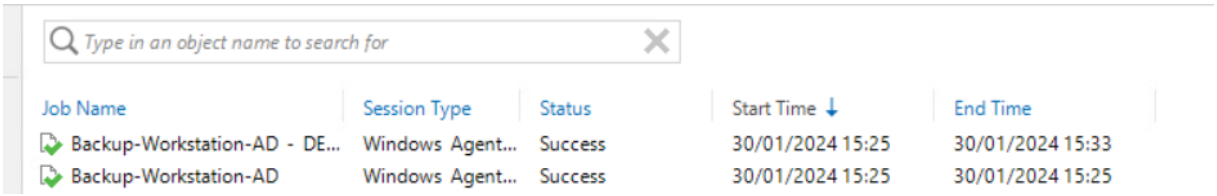
Pour essayer je vais activer lorsque la backup target est connectée



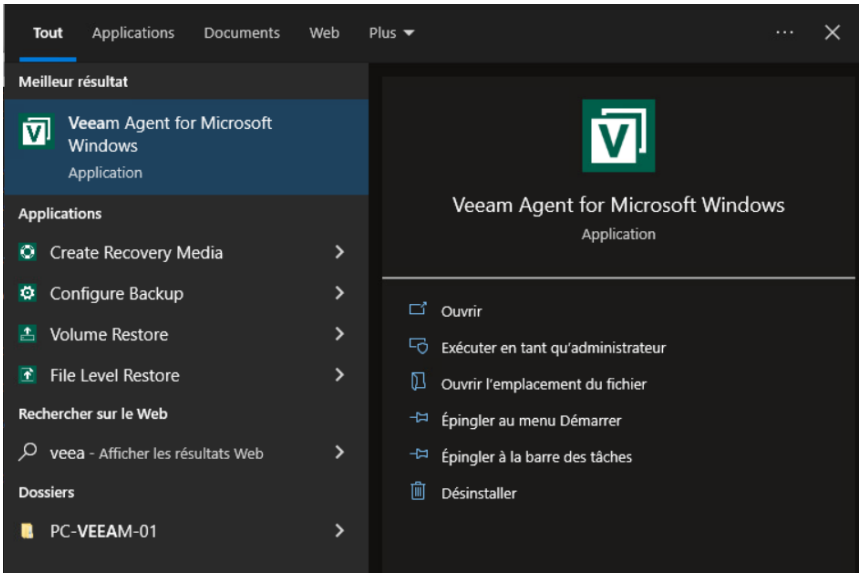
Voila ensuite l backup est crée



Ensuite on voit le job qui s'est effectué pour notre hôte précisément



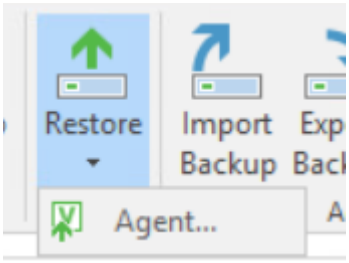
Sur le client windows on peut voir qu'automatiquement ce sont installés différents outils veeam.



Pour le déploiement il suffit juste d'ajouter le pc dan un job ou groupe de protection et le serveur veeam s'occupera d'installer le client veeam for windows.

Restauration d'une workstation windows

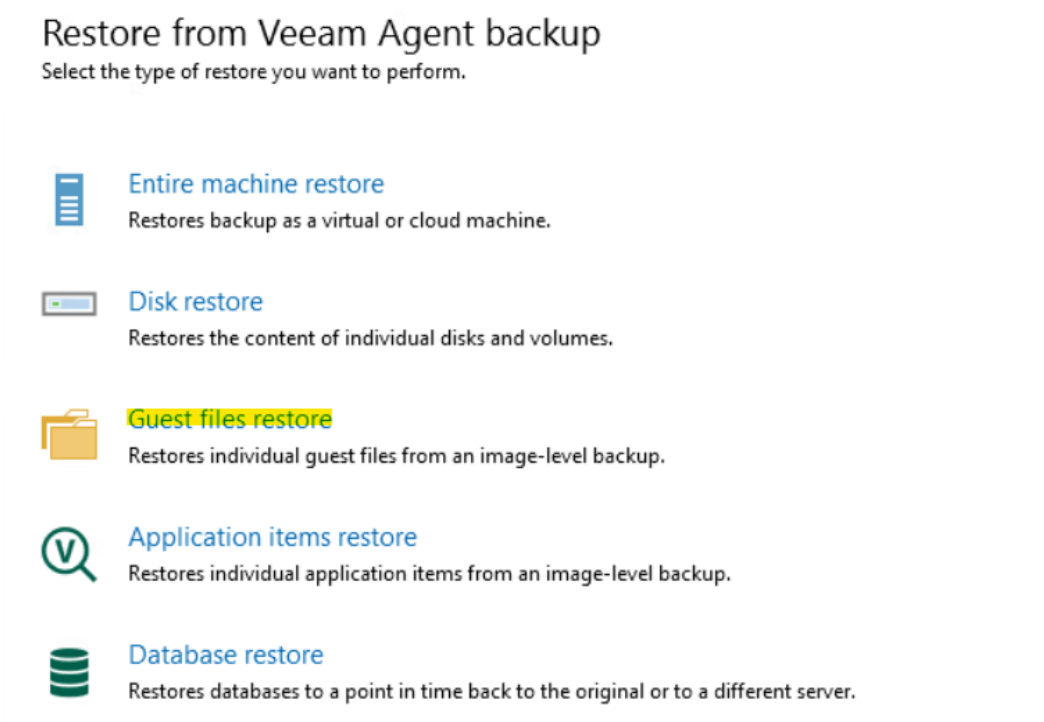
Il faut se rendre ici

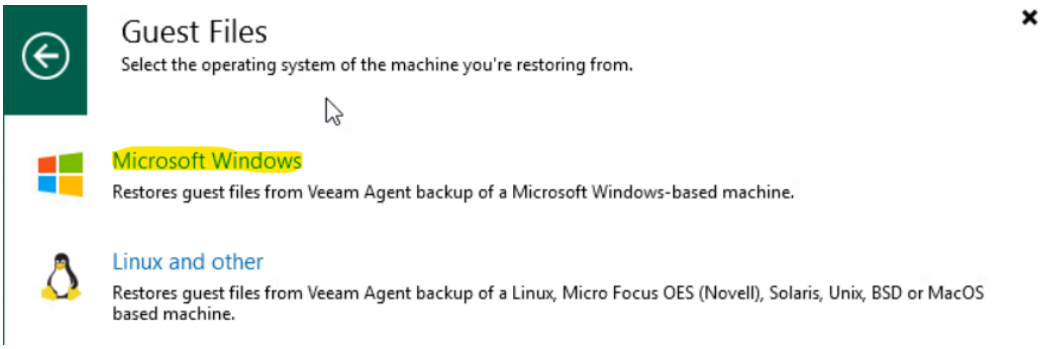


Dans le cas ou nous souhaitons restaurer un fichier

J'ai créer un fichier test qui est présent dans le backup à la racine du disque C je l'ai ensuite supprimé du pc.

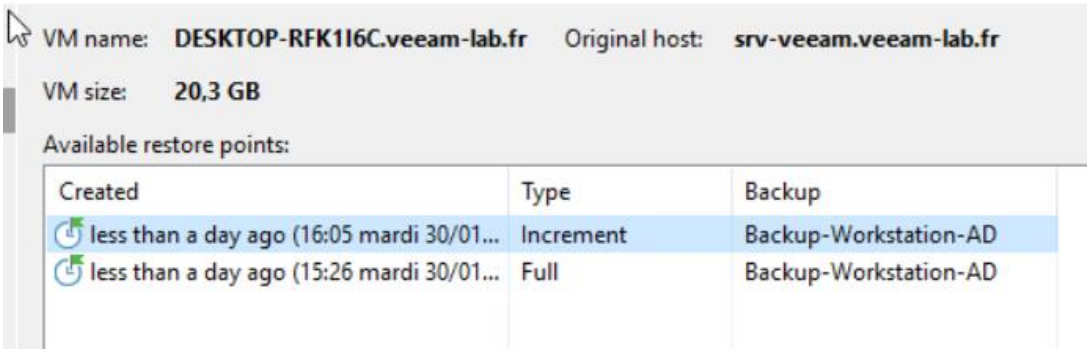
Pour lancer la restauration des fichiers voici la procédure à suivre



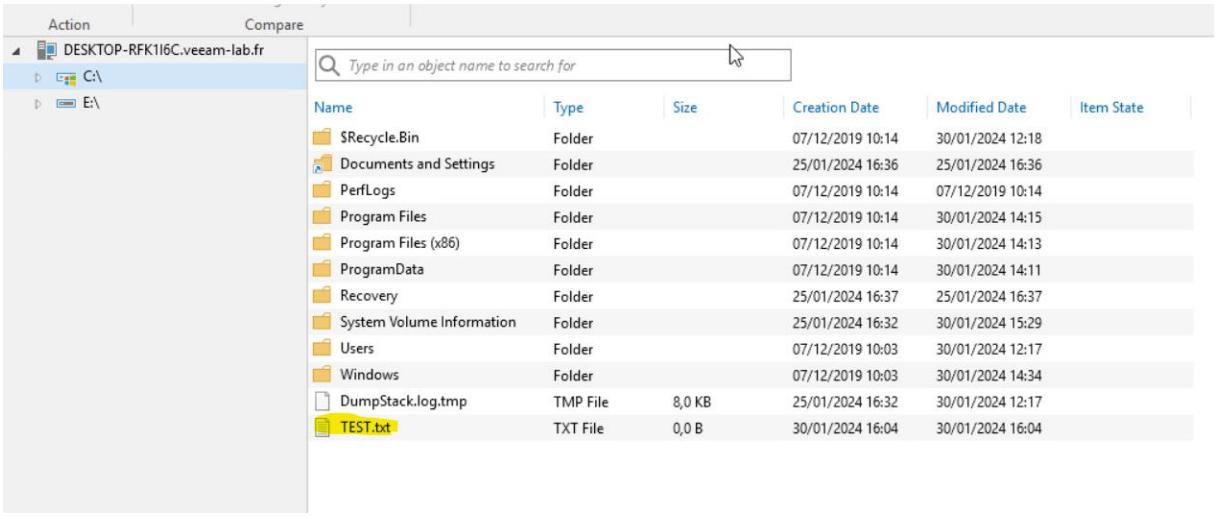


Je choisis mon hote avec son backup

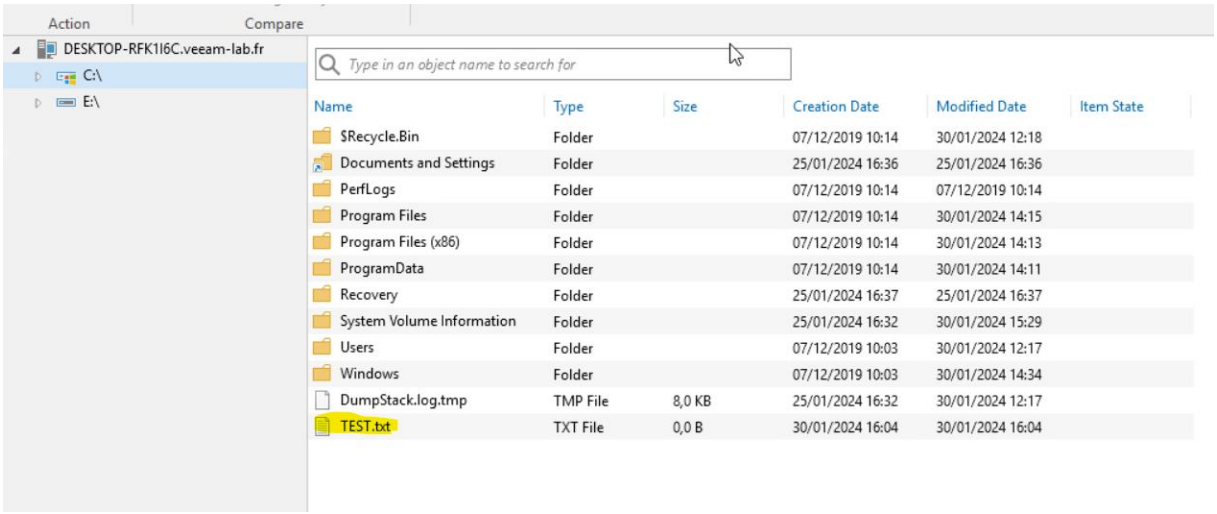
Je choisis le plus récent



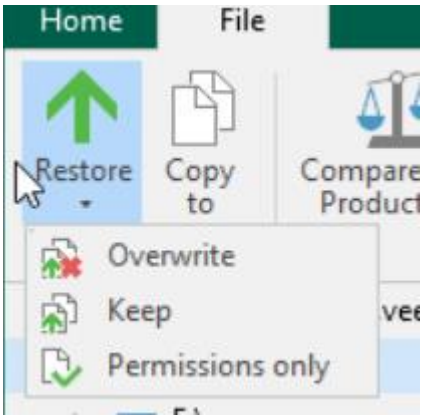
Ensuite cliquer sur « Browse »



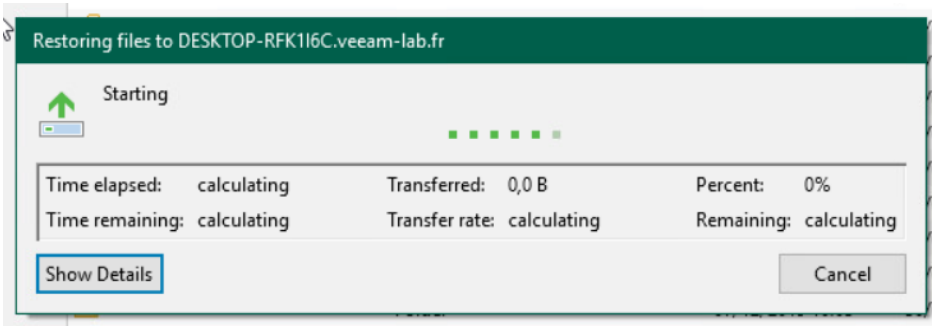
Le fichier que je souhaite restaurer est ici



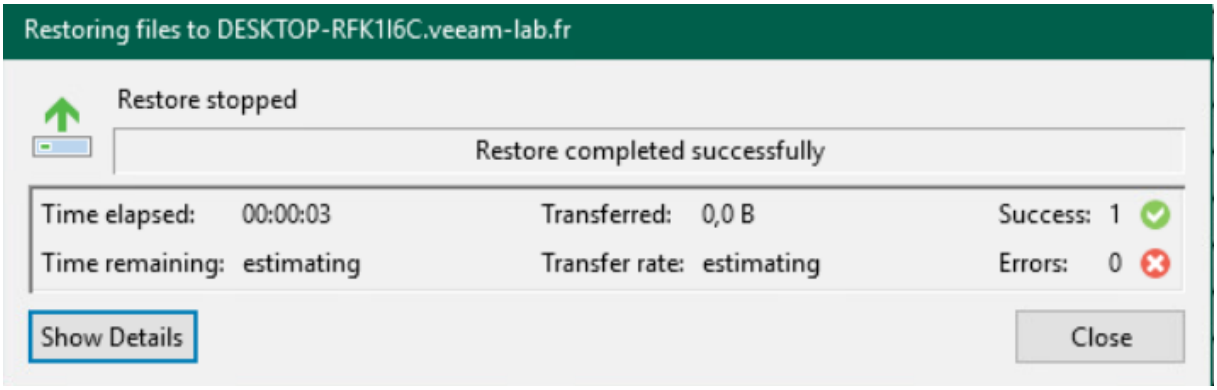
Je le sélectionne ce qui correspond à ma situation



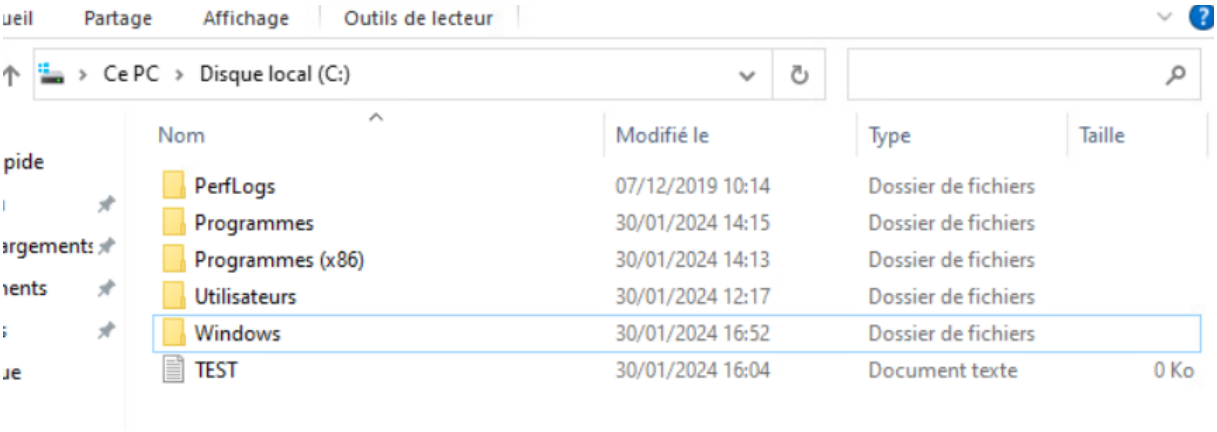
Le transfert ce lance



Si tout fonctionne correctement on le verra à la fin dans Success



Et voila le fichier supprimé est de retour

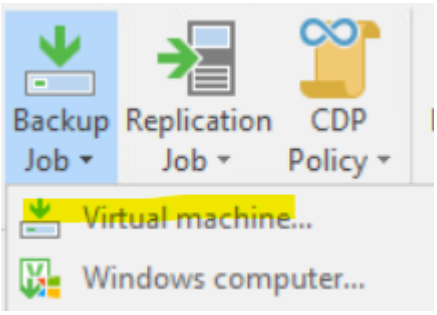


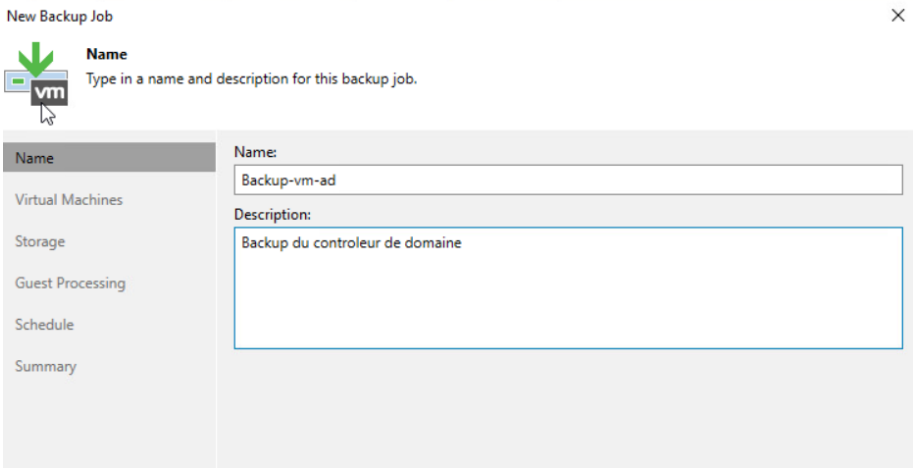
Backup controleur de domaine + objets AD

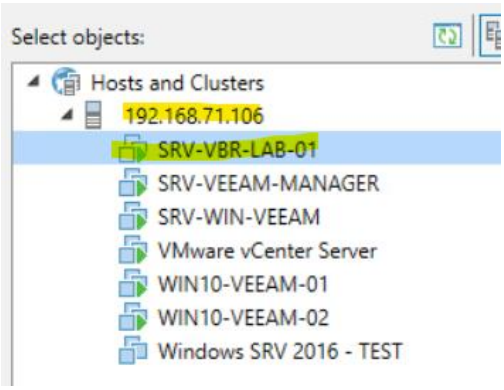
Il faut créer un job et backuper le controleur de domaine pour cela

C'est une vm sur vmware pas besoin de repreciser comment connecter un vmware sur veeam c'est comme hyper-v

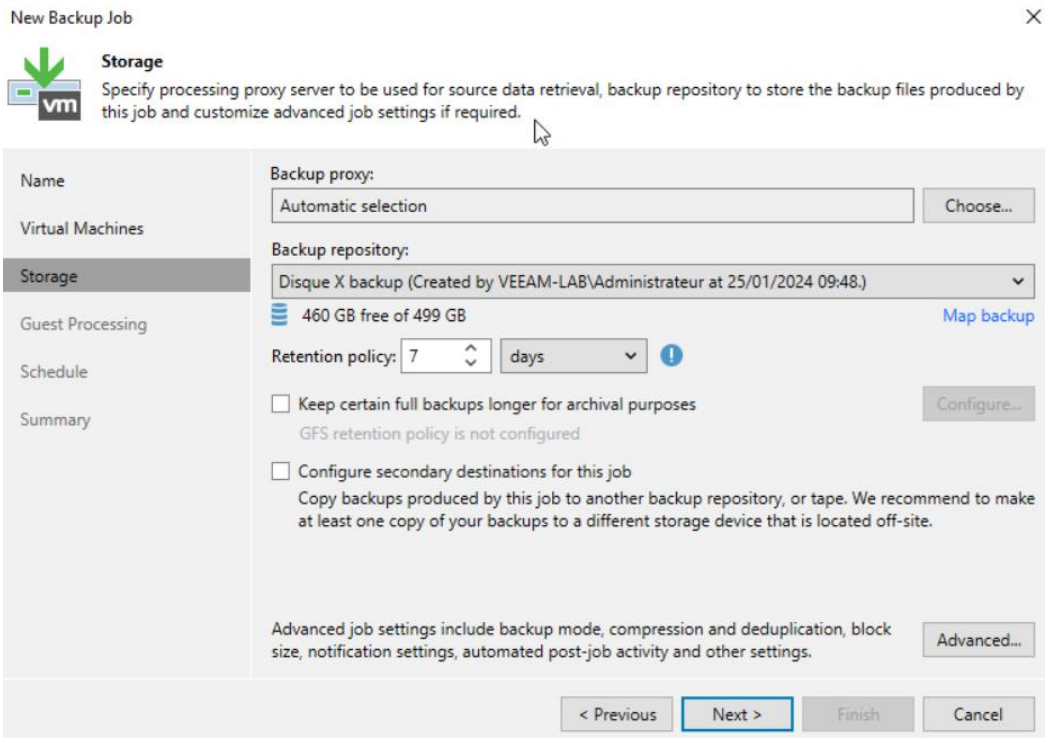
Création du job

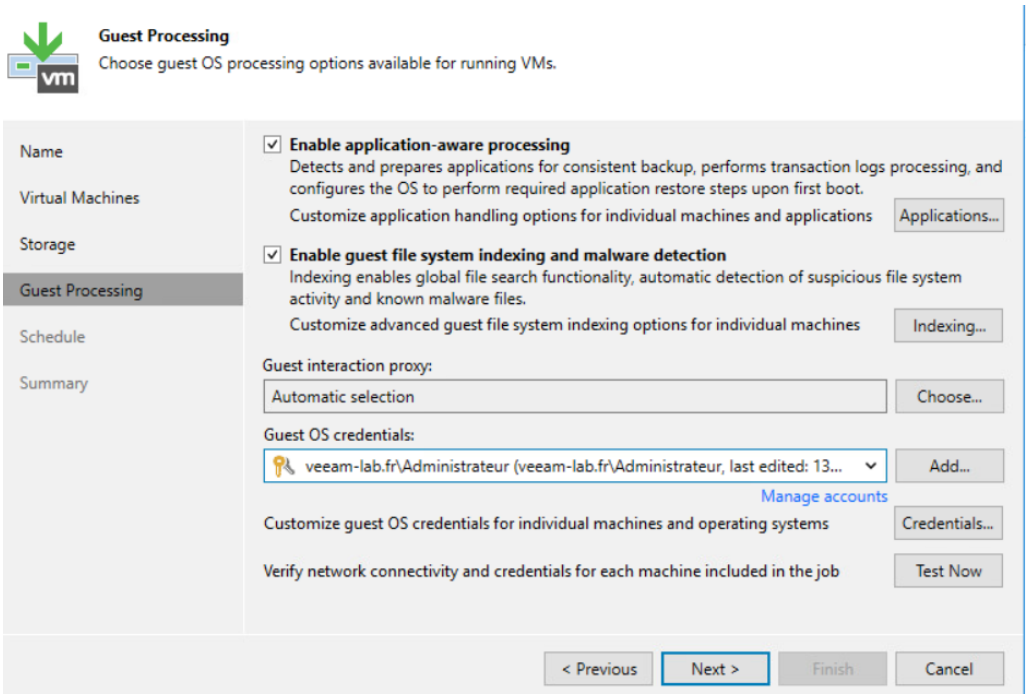


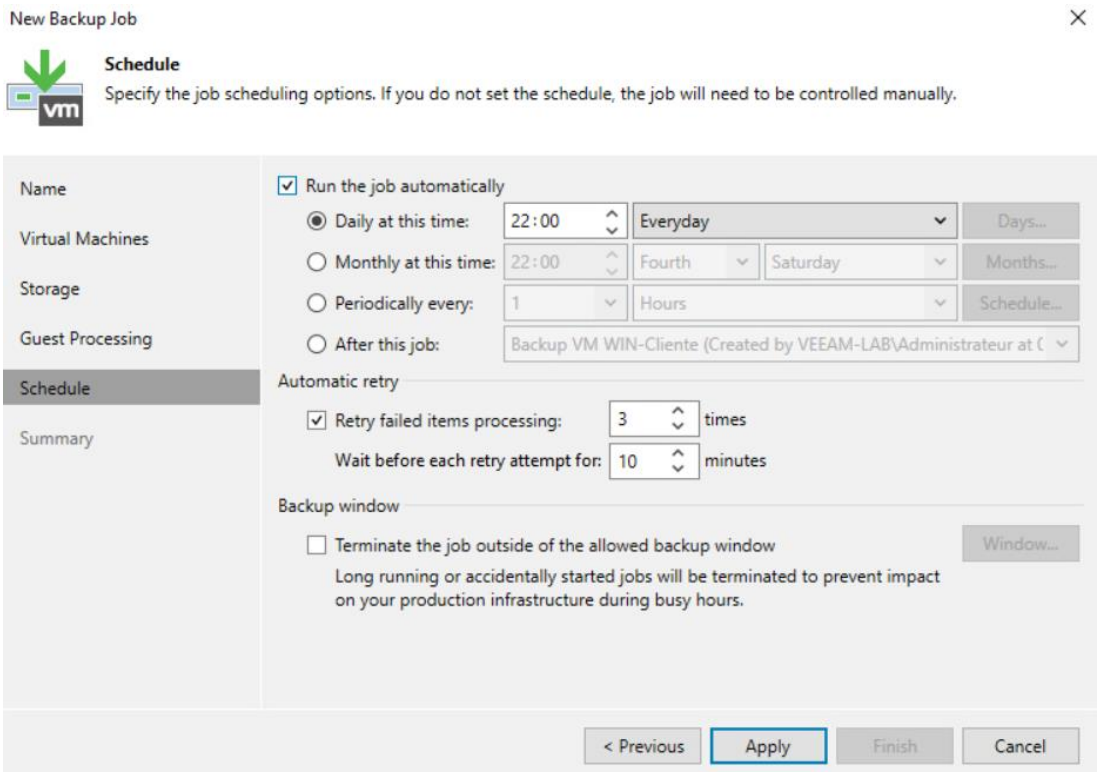




Ensuite j’ajoute

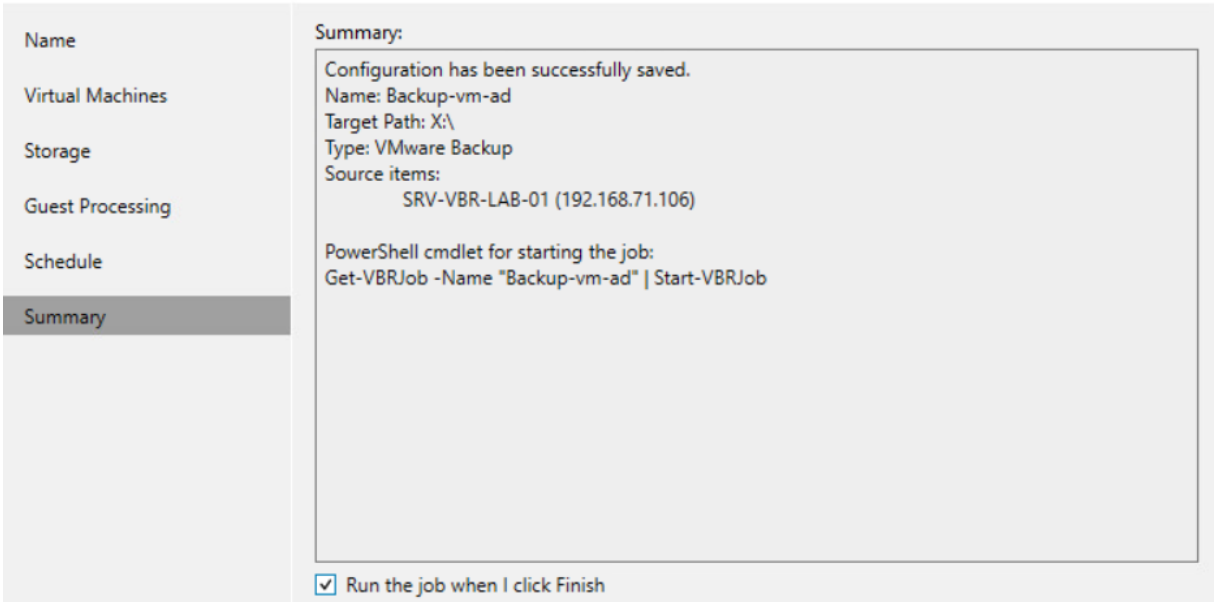

New Backup Job
Storage
Specify processing proxy server to be used for source data retrieval, backup repository to store the backup files produced by this job and customize advanced job settings if required.
Name
Virtual Machines
Storage
Guest Processing
Schedule
Summary
Backup proxy:
Automatic selection
Choose...
Backup repository:
Disque X backup (Created by VEEAM-LAB\Administrateur at 25/01/2024 09:48.)
460 GB free of 499 GB
Map backup
Retention policy: 7 days
Keep certain full backups longer for archival purposes
Configure...
GFS retention policy is not configured
Configure secondary destinations for this job
Copy backups produced by this job to another backup repository, or tape. We recommend to make at least one copy of your backups to a different storage device that is located off-site.
Advanced job settings include backup mode, compression and deduplication, block size, notification settings, automated post-job activity and other settings.
Advanced...
< Previous
Next >
Finish
Cancel


Guest Processing
Choose guest OS processing options available for running VMs.
Name
Virtual Machines
Storage
Guest Processing
Schedule
Summary
Enable application-aware processing
Detects and prepares applications for consistent backup, performs transaction logs processing, and configures the OS to perform required application restore steps upon first boot.
Customize application handling options for individual machines and applications
Applications...
Enable guest file system indexing and malware detection
Indexing enables global file search functionality, automatic detection of suspicious file system activity and known malware files.
Customize advanced guest file system indexing options for individual machines
Indexing...
Guest interaction proxy:
Automatic selection
Choose...
Guest OS credentials:
veeam-lab.fr\Administrateur (veeam-lab.fr\Administrateur, last edited: 13...
Add...
Manage accounts
Customize guest OS credentials for individual machines and operating systems
Credentials...
Verify network connectivity and credentials for each machine included in the job
Test Now
< Previous
Next >
Finish
Cancel



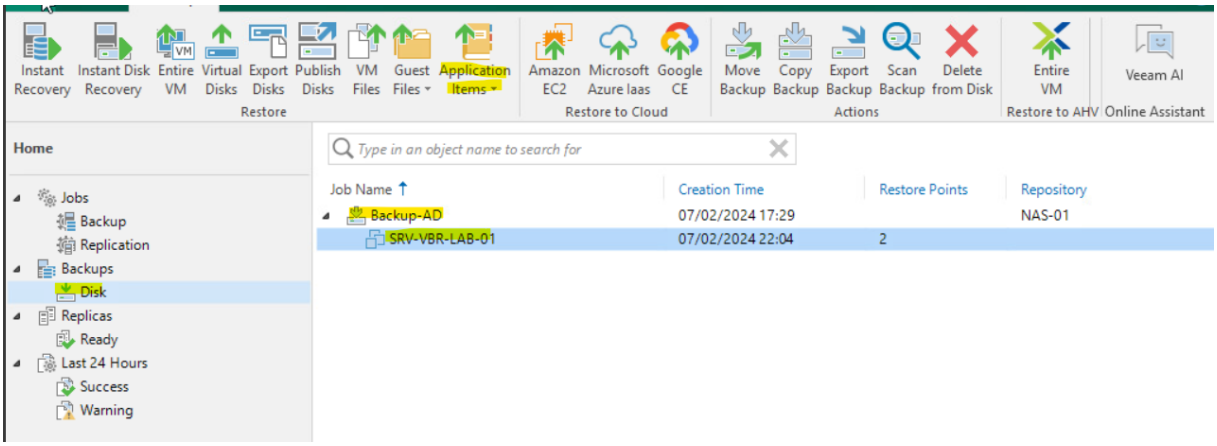
Le job s'exécutera toute les 22h

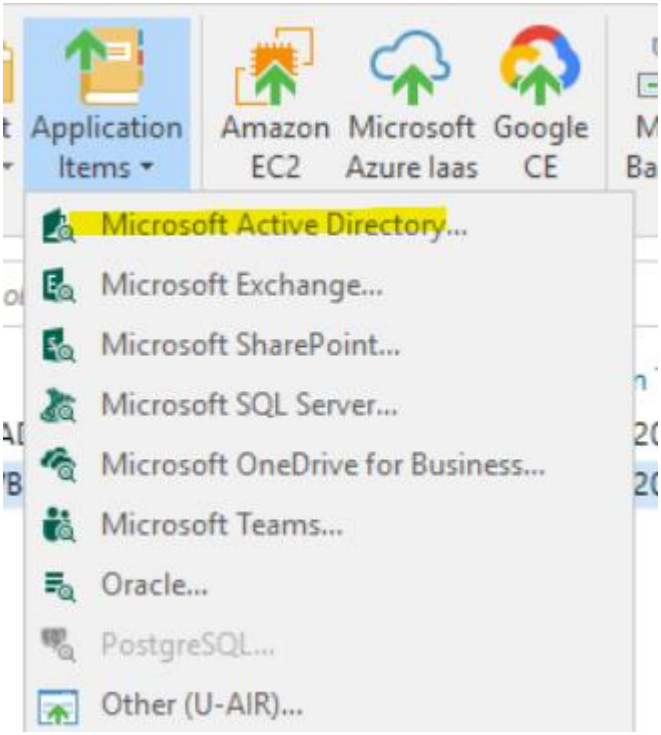
Ensuite je run le job lorsque j'applique sur finish

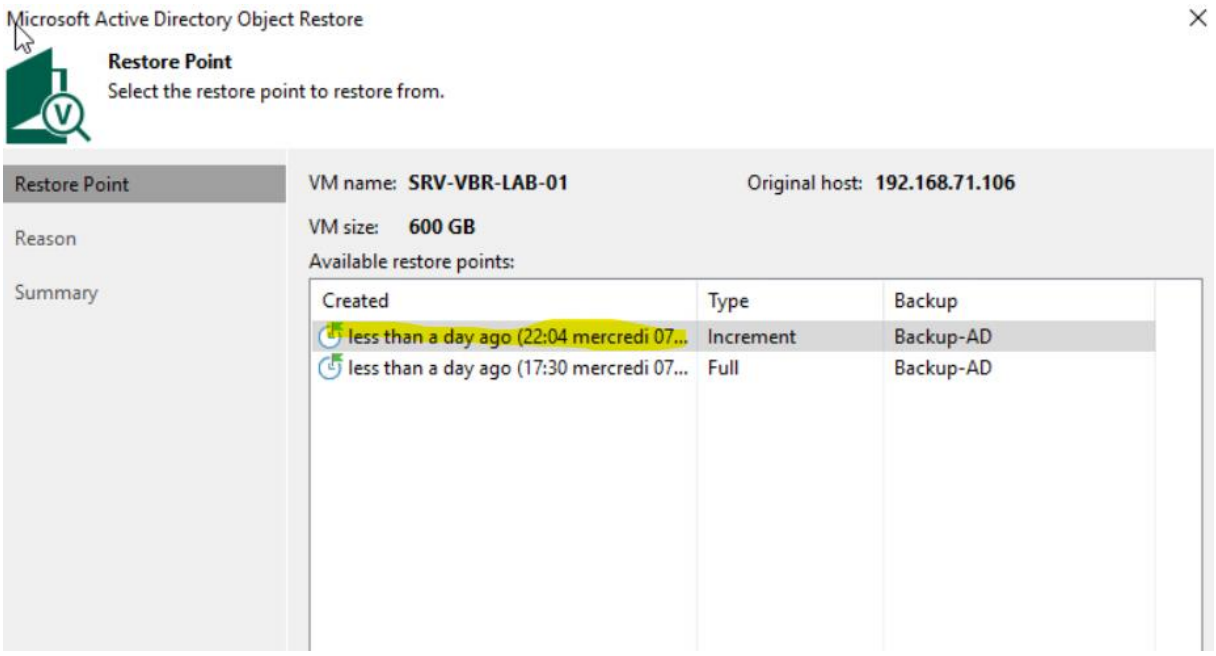


Une fois que le backup est terminé

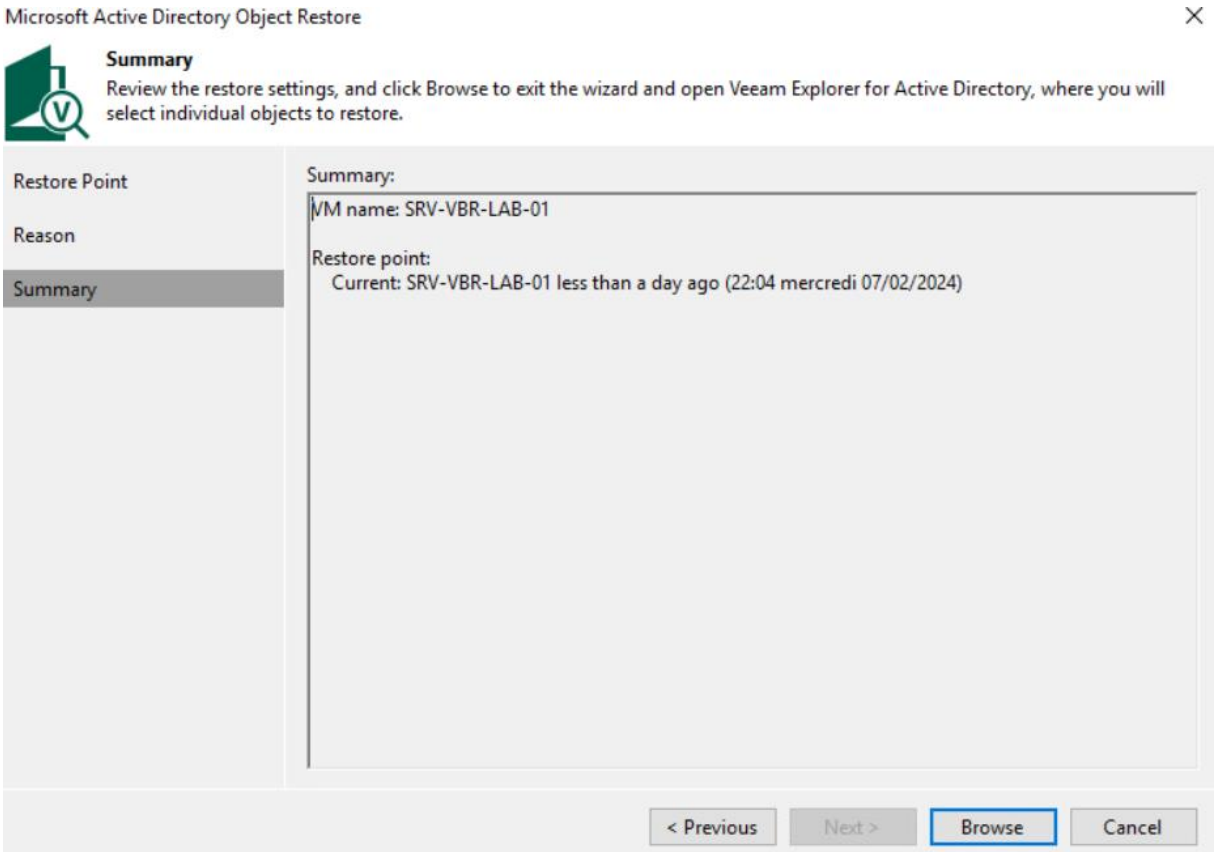
Ensuite il faut aller dans disque et clique droit sur le disque de l'AD qu'on vient de backup



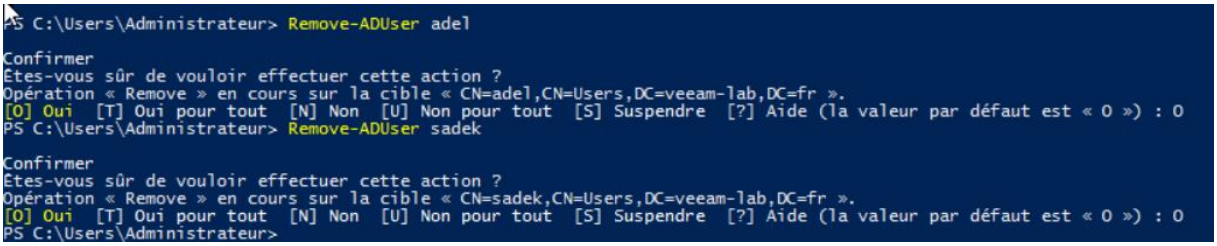


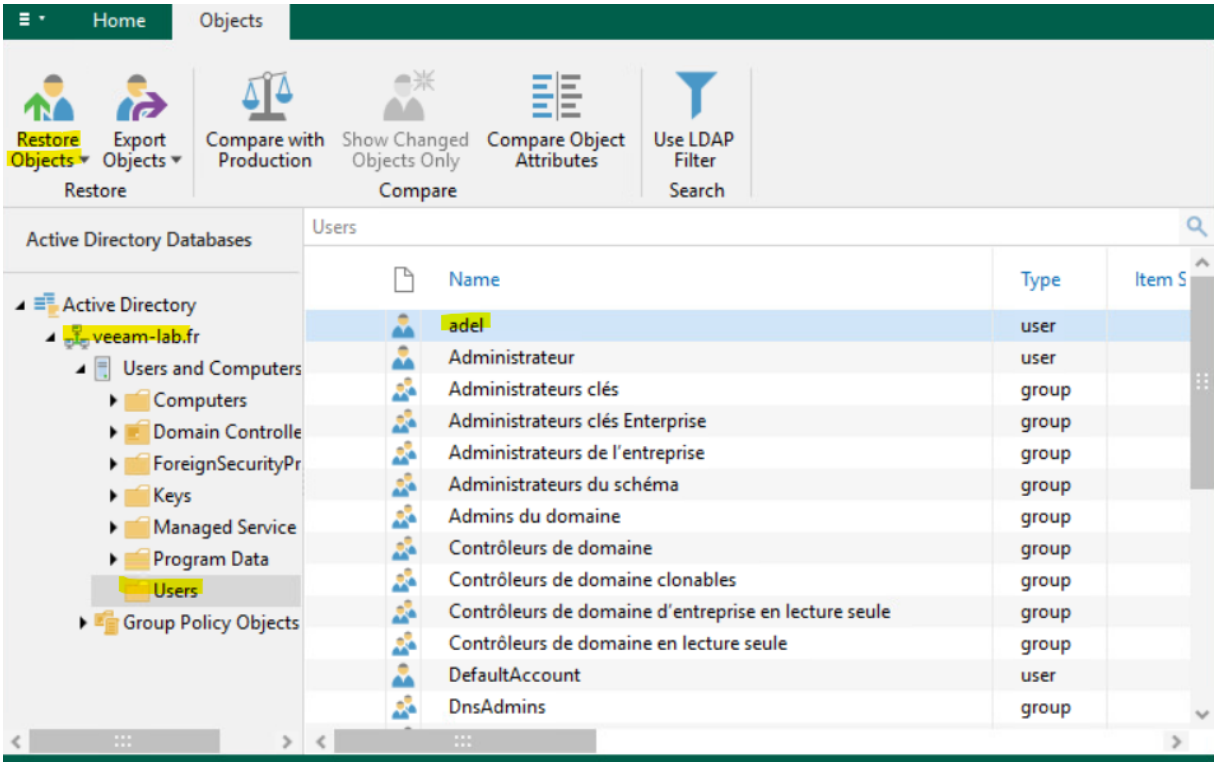


Ensuite il faut mettre une raison

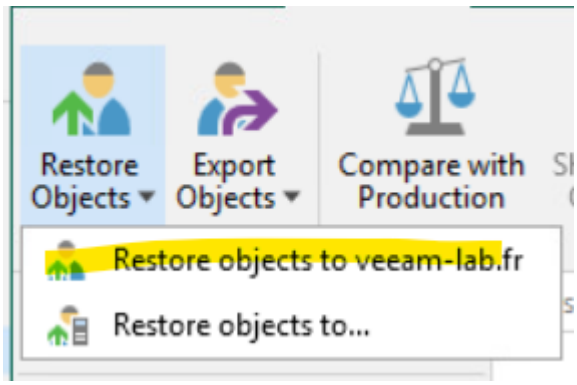


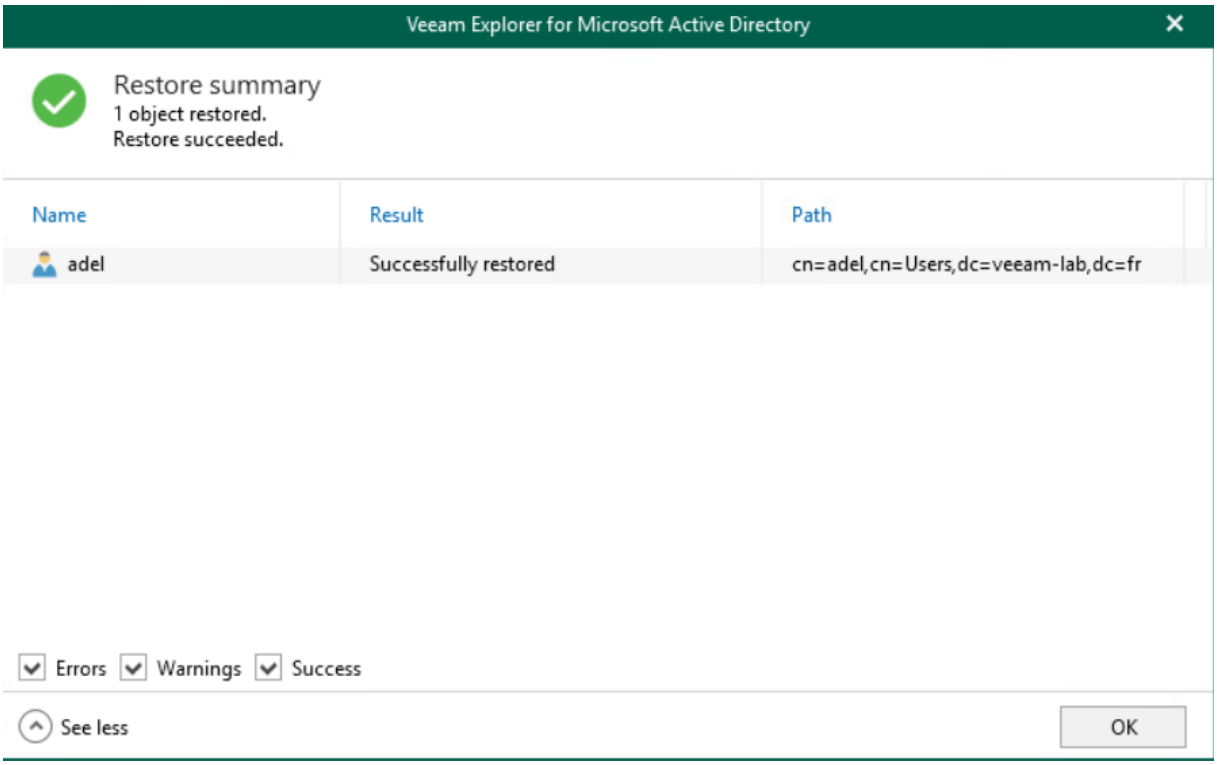
J’avais créé 2 users Adel et Sadek je les ai supprimés je vais voir si je peux backuper les deux





Voilà ici je peux sélectionner l’object et cliquer sur restaurer l’objet

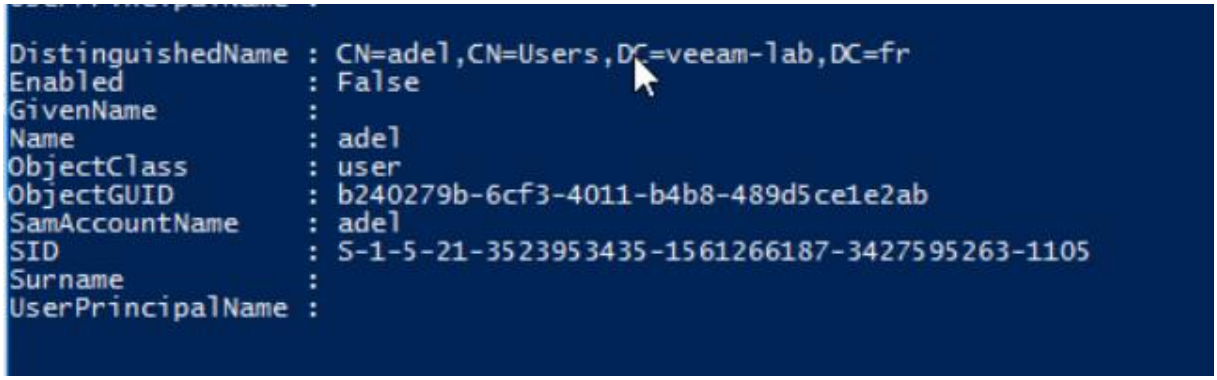




Voilà l'objet est restauré

C'est une restauration instantanée, si je lance un get-aduser je devrai voir l'user restaurer

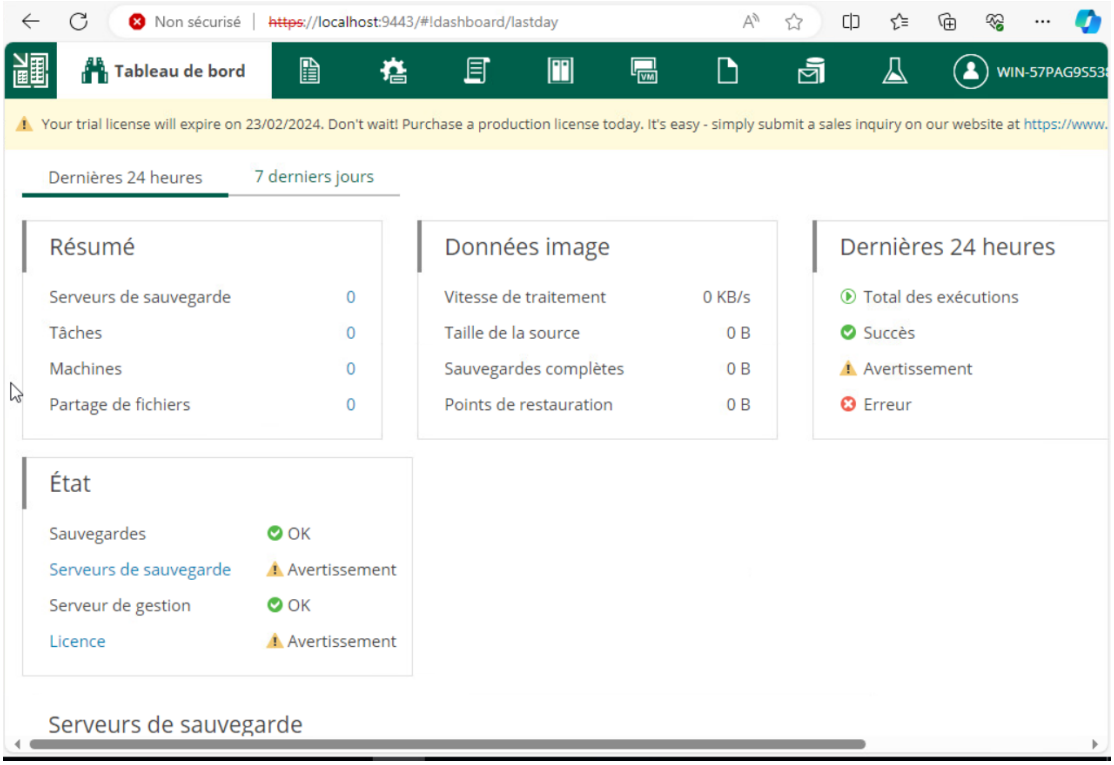
On le voit bien directement



Veeam backup manager

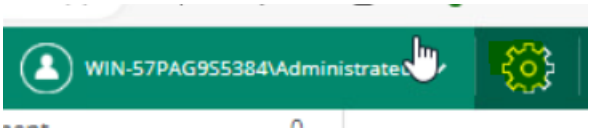
C’est une solution qui permet de gerer plusieurs serveurs veeam via un seul serveur et une interface web

Une fois l’installation effectué il faut acceder à localhost :9443

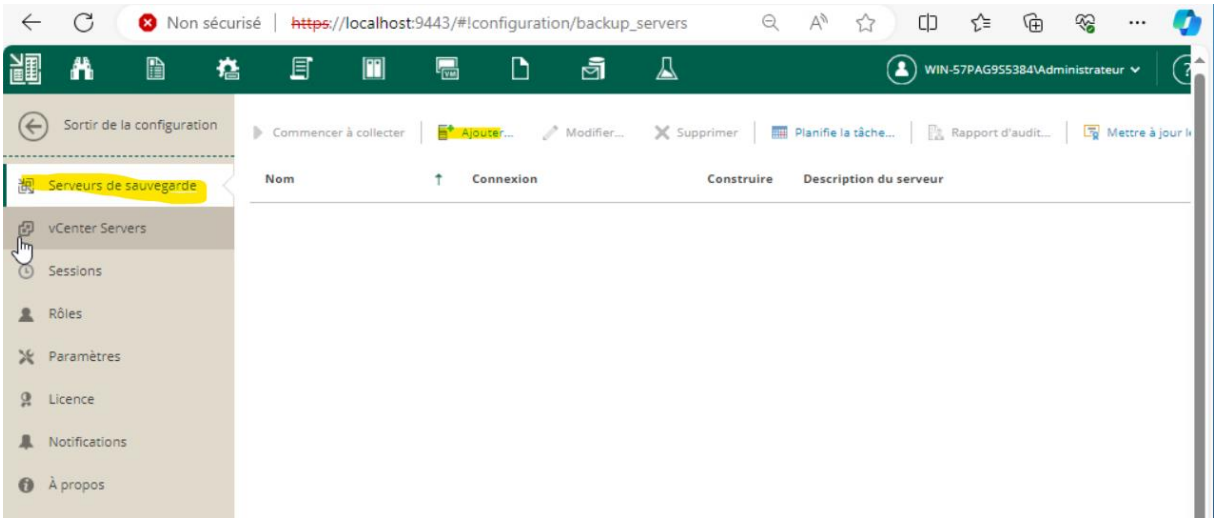


J’ai été automatiquement connecté

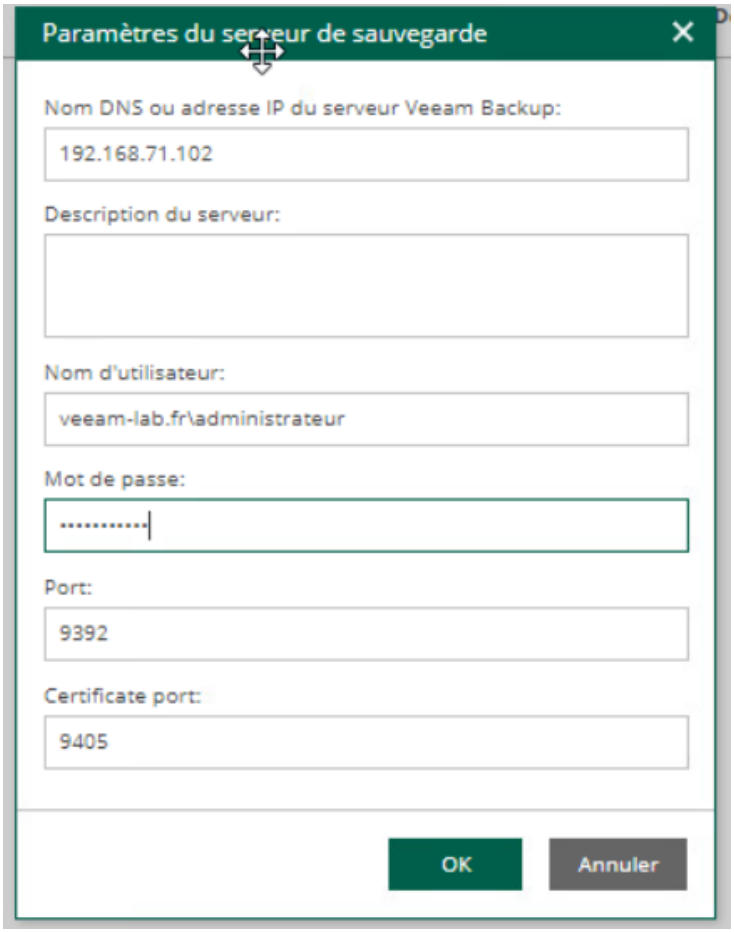
Il faut se rendre ici

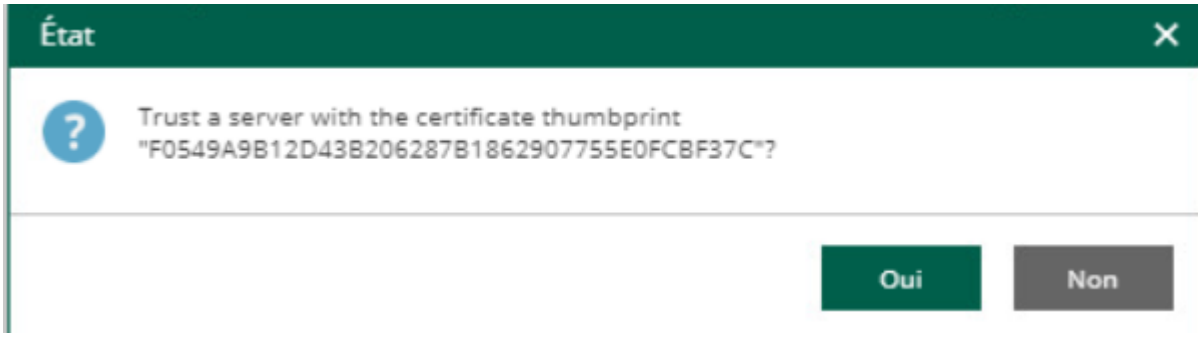


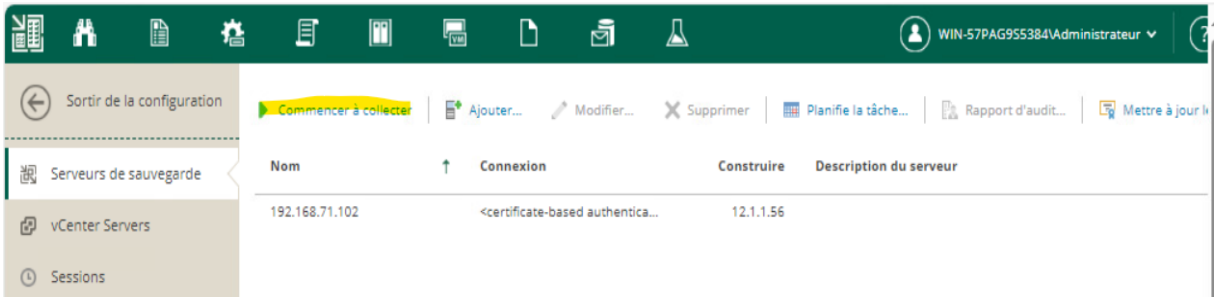
Ajout d’un serveur de sauvegarde



Il faut mettre l’user admin du domaine

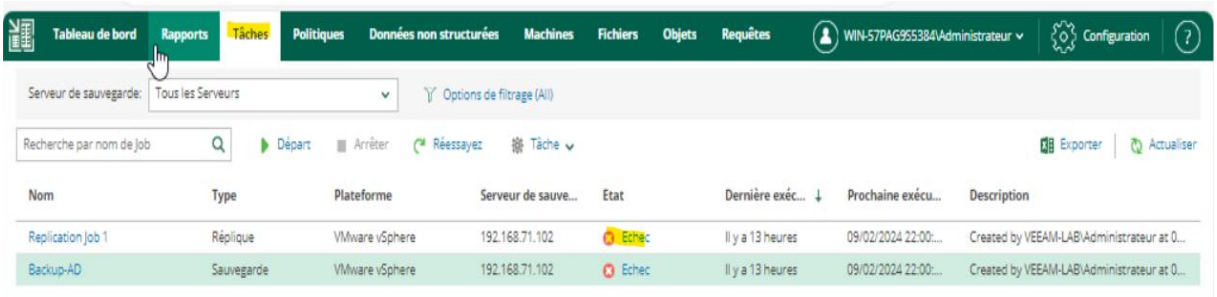




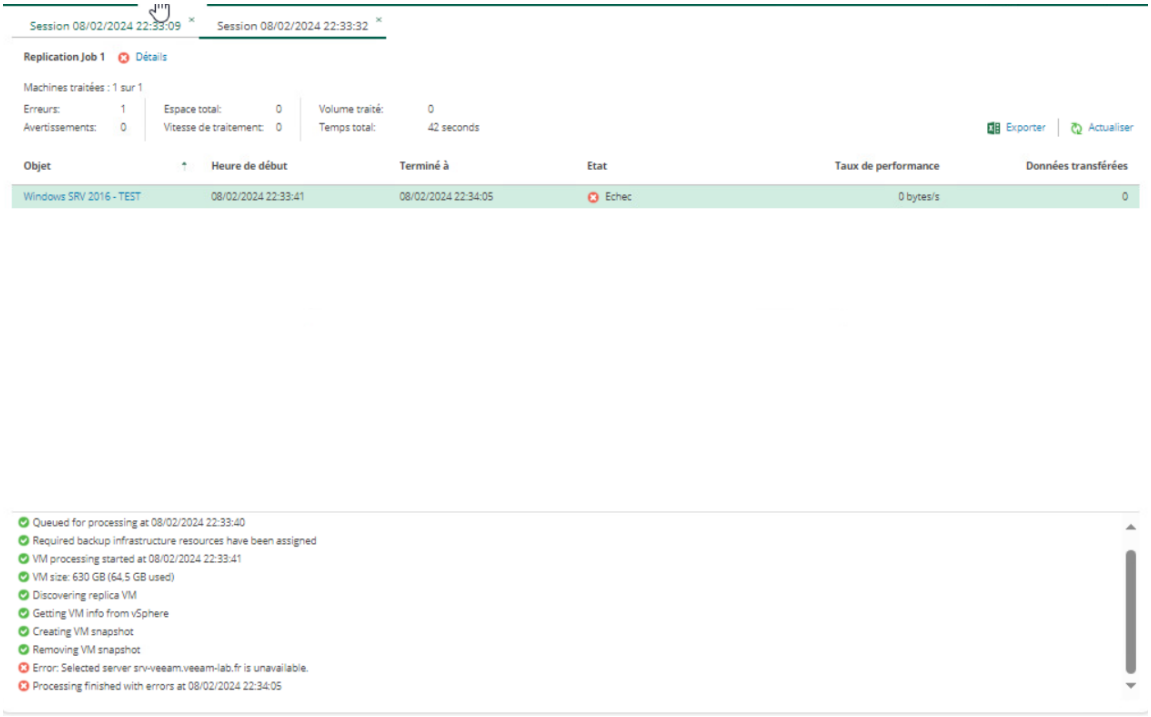


Monitoring des backups

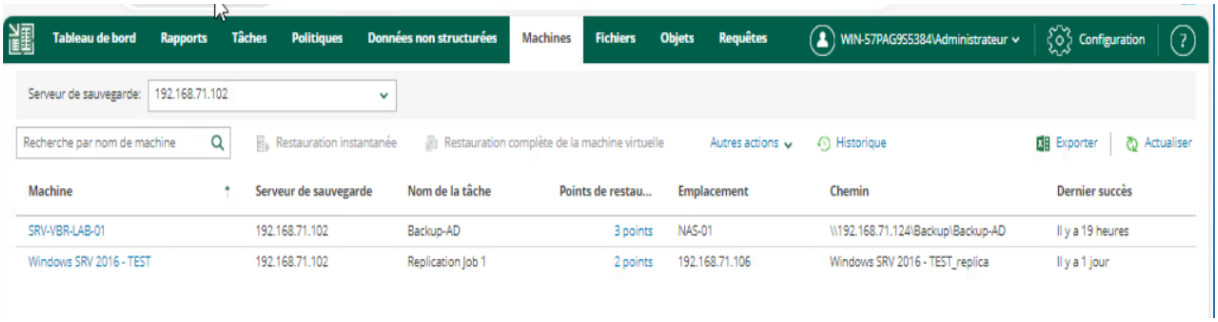
Il faut se rendre dans « Taches »



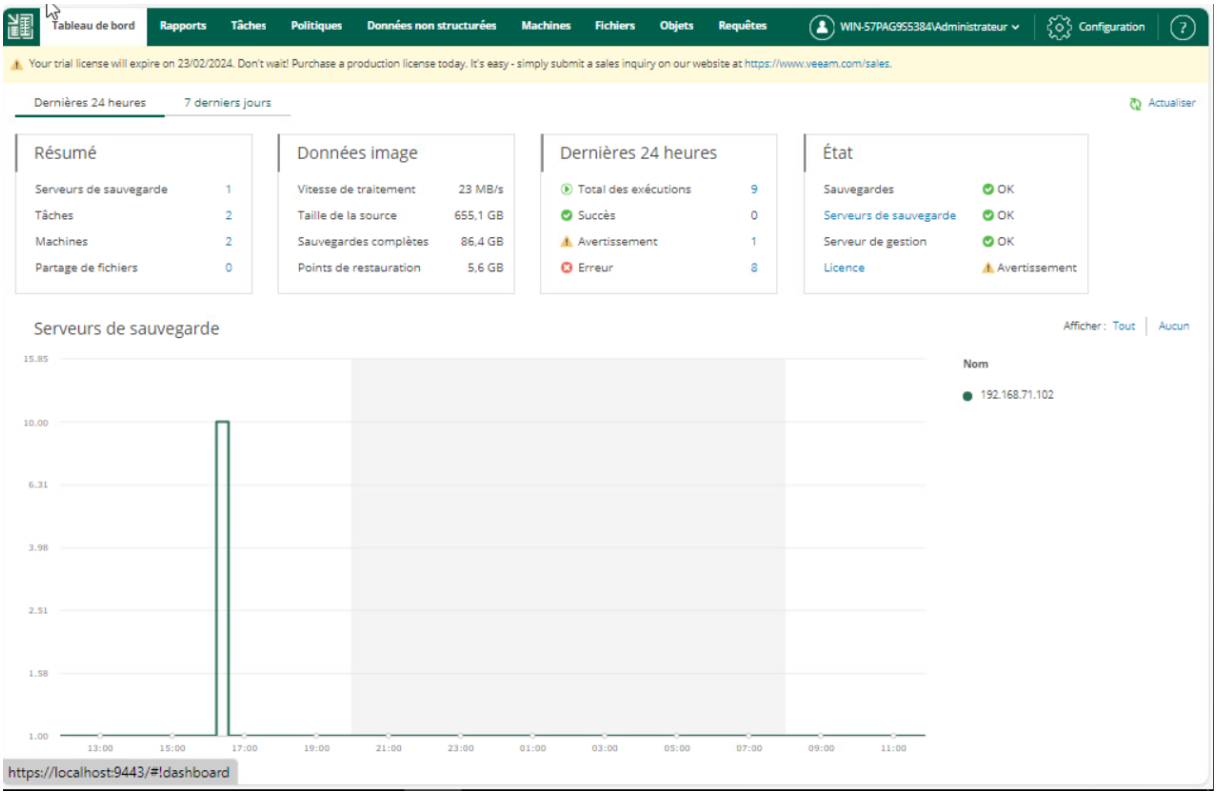
Ensuite il faut appuyer sur « echec » pour voir les détails



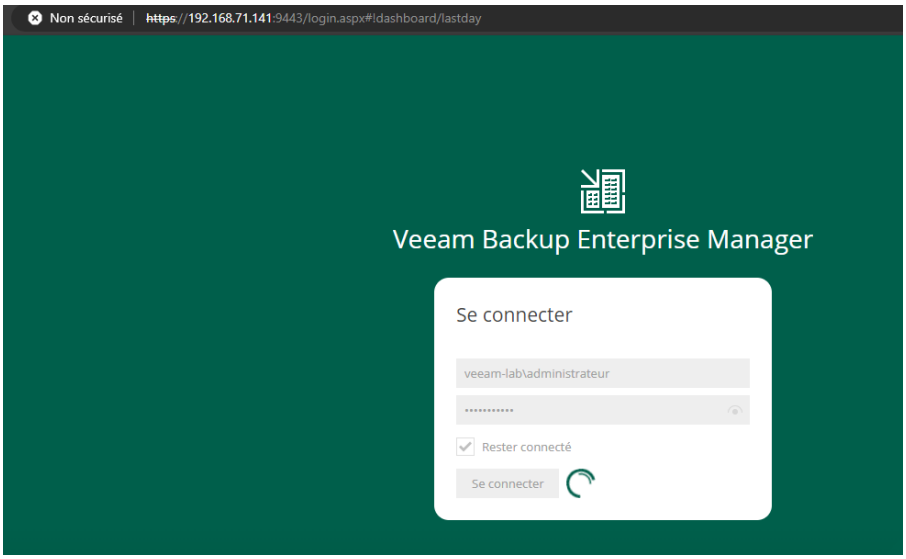
Et je peux voir les machines backupé



On peut aussi voir le tableau de bord



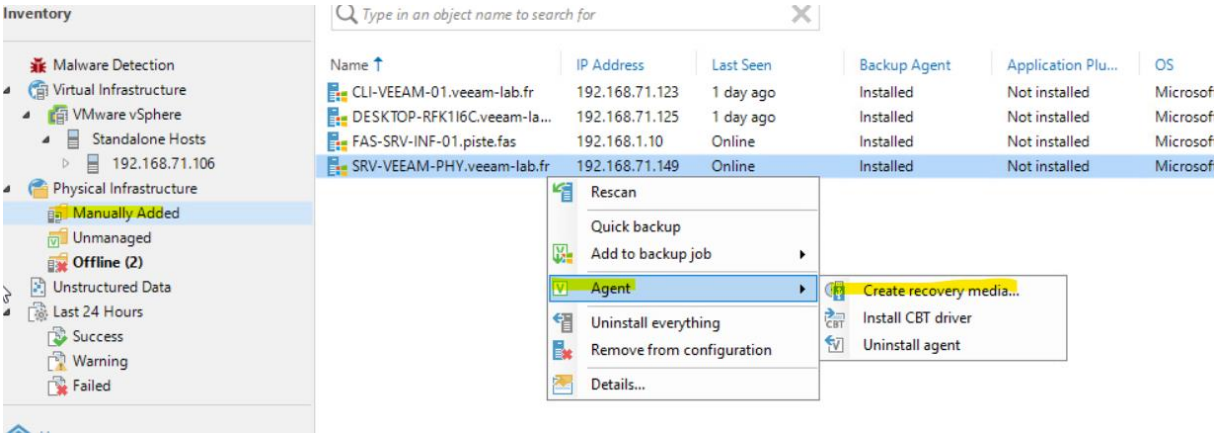
Pour accéder à la console d'administration depuis un autre PC il faut mettre un user admin du domaine

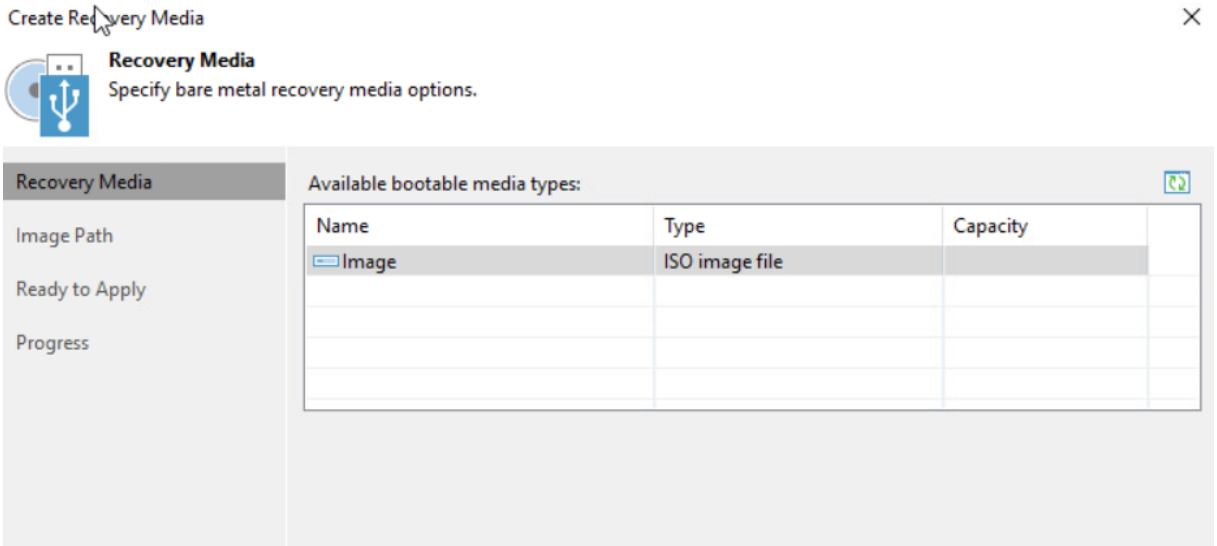


Recovery Media

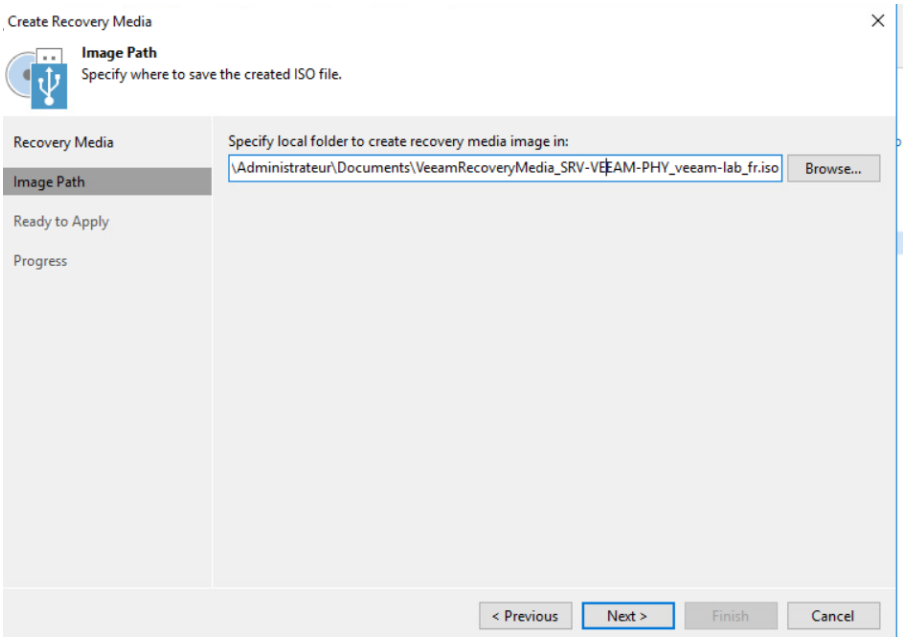
Recovery media pour un serveur ou client physique

Inventory > Physical Infra > Click droit

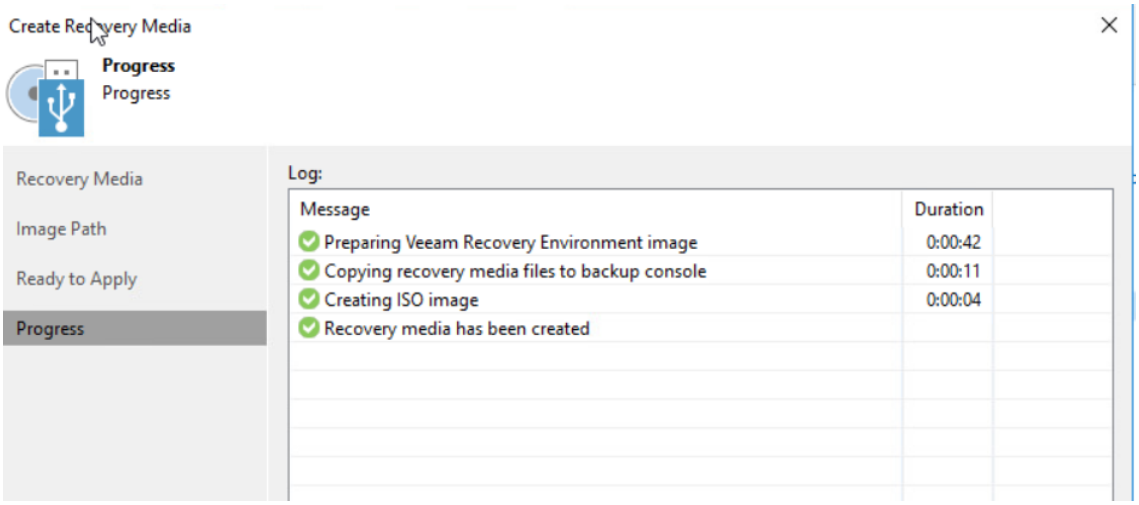


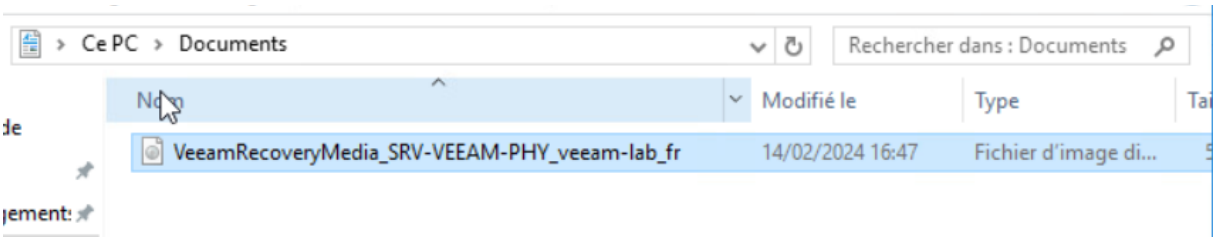


On selectionne l’emplacement de l’iso



Ensuite Next



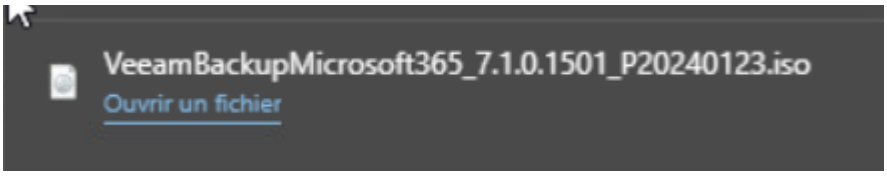


Ensuite lorsqu'on boot il faut utiliser bare metal et saisir IP du serveur et choisir un point de restauration.

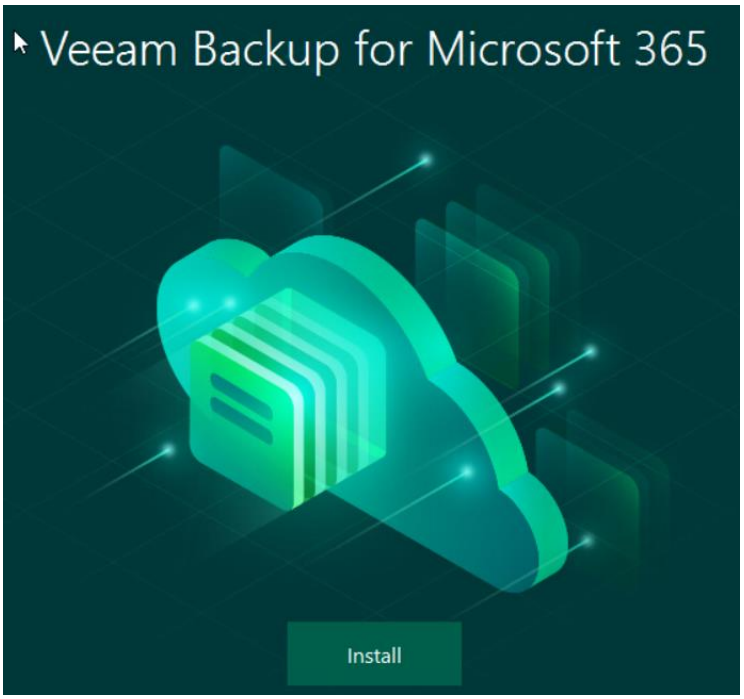
Veeam 365

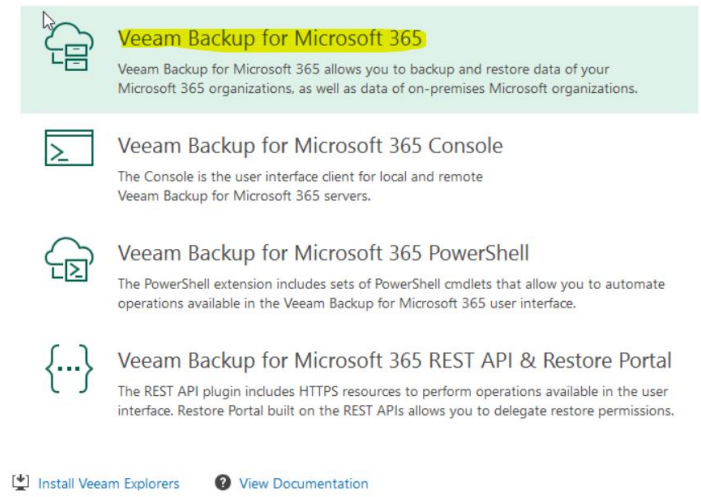
Avec Veeam nous pouvons backuper un tenant 365 qui contient mail docuements sharepoint etc.

Même chose que veeam classique on telecharge l'iso



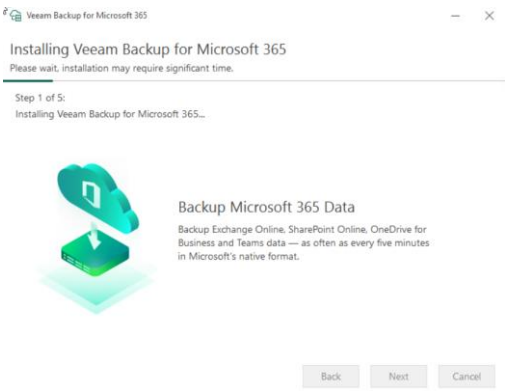
On exécute le setup

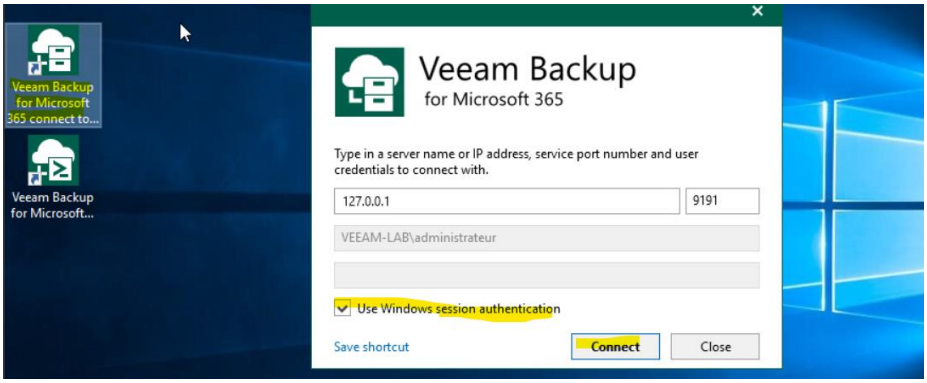




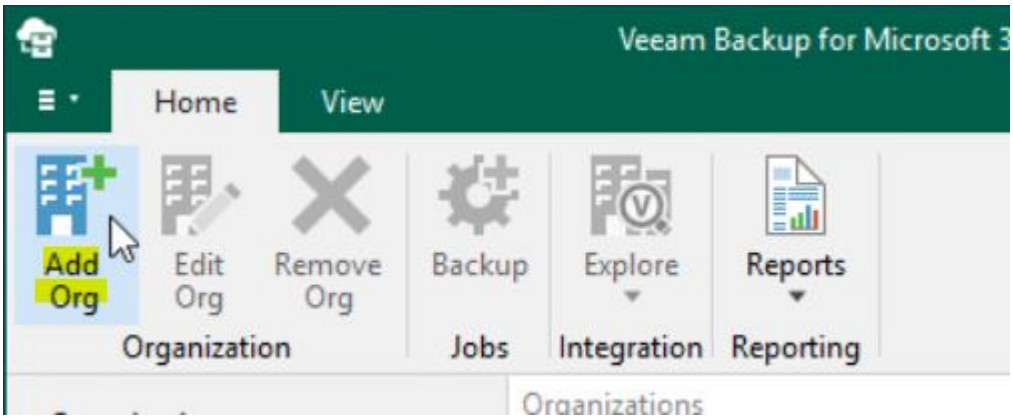
On accepte license

On spécifie le chemin de veeam pour l'installation

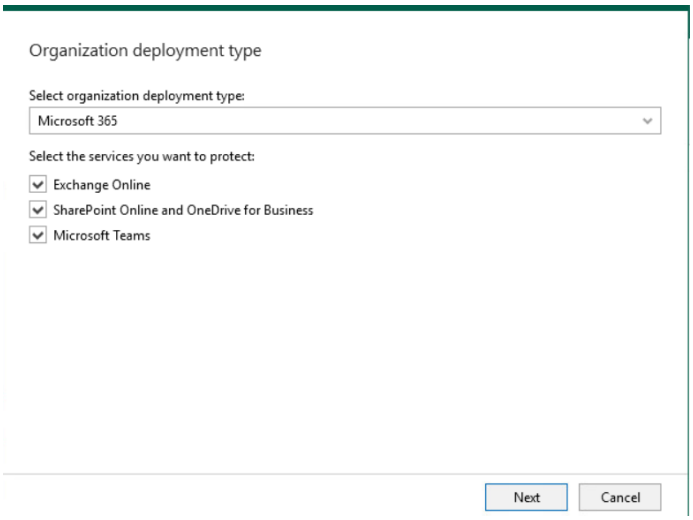




Ajouter une organisation



Ensuite on saisit ce que l'on veut protéger

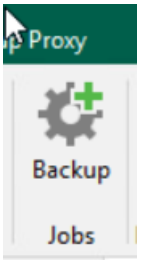


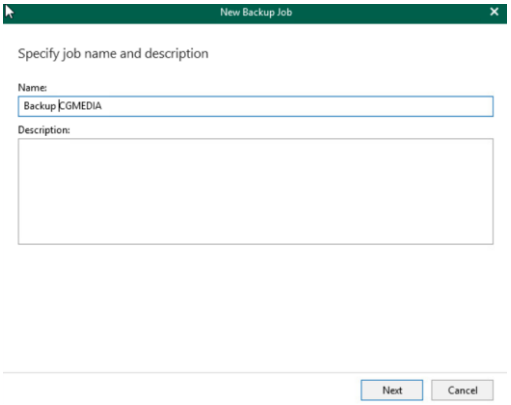
La procédure d'ajout est assez simple pas besoin de s'etaler dessus

J'ai rajouté un repository sur veeam 365 qui est un disque local, cette version de veeam ne supporte pas les partages nfs et smb

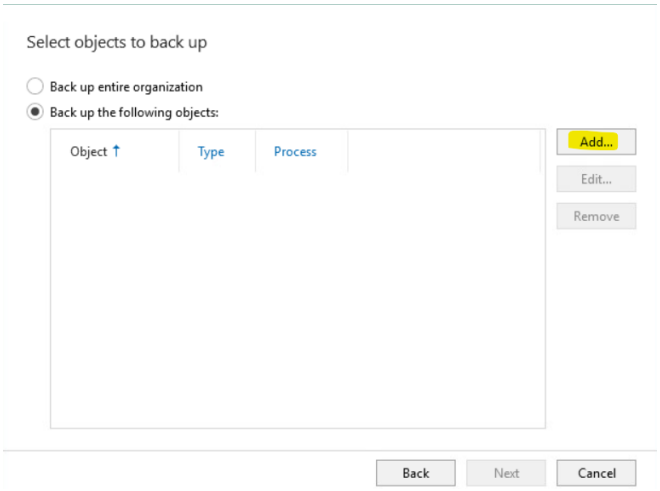
Ajout d’un backup

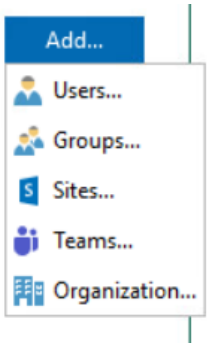
Pour ajouter un backup il faut suivre ces étapes



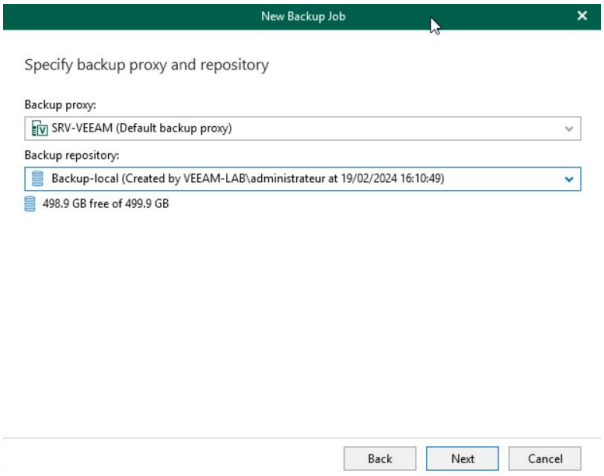


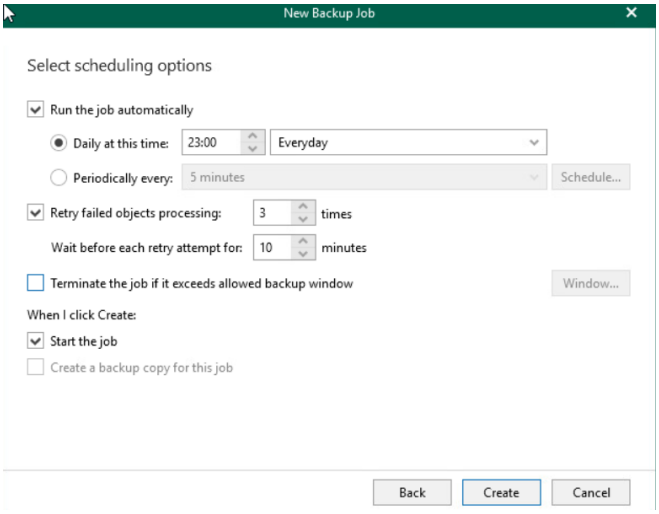
On peut sauvegarder toute l’organisation ou seulement quelques objets



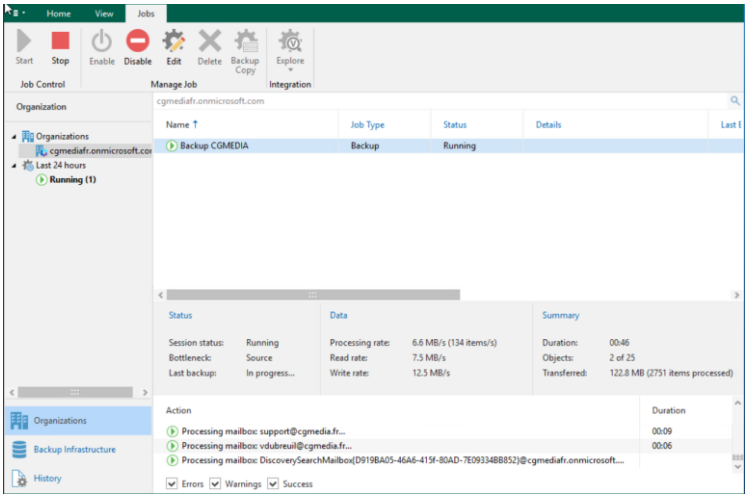


J’ai choisi de backup toute l’organisation

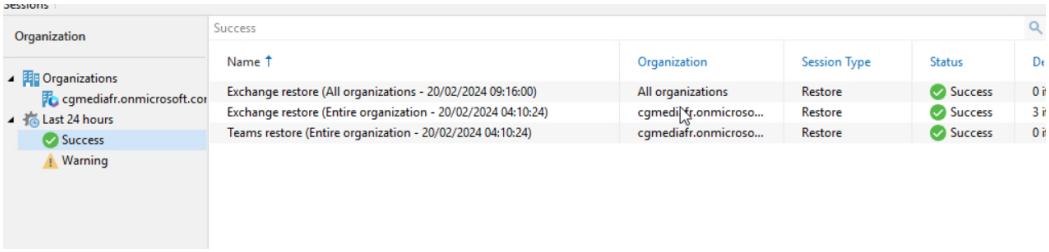




Le backup est en cours



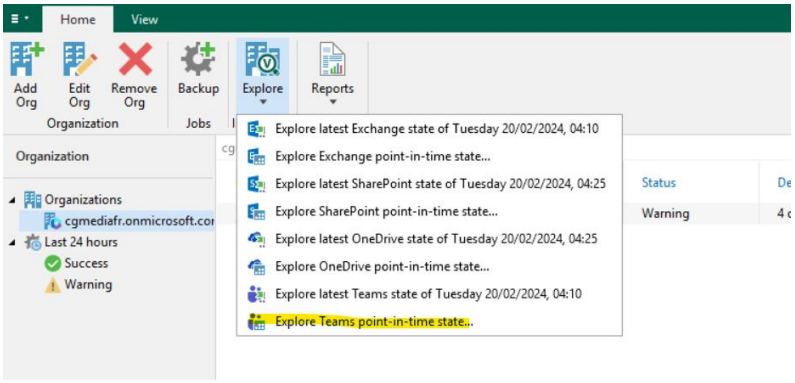
Quelques heures plus tard



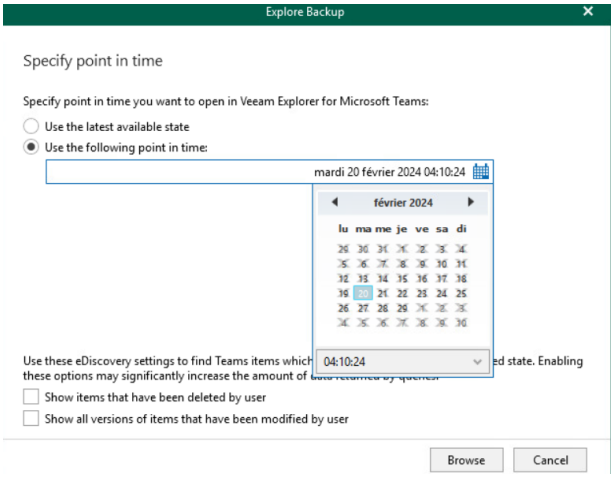
C’est parfait

Restauration

Il faut se rendre ici et sois on peut backuper à partir du dernier point de restauration ou choisir son point de restauration

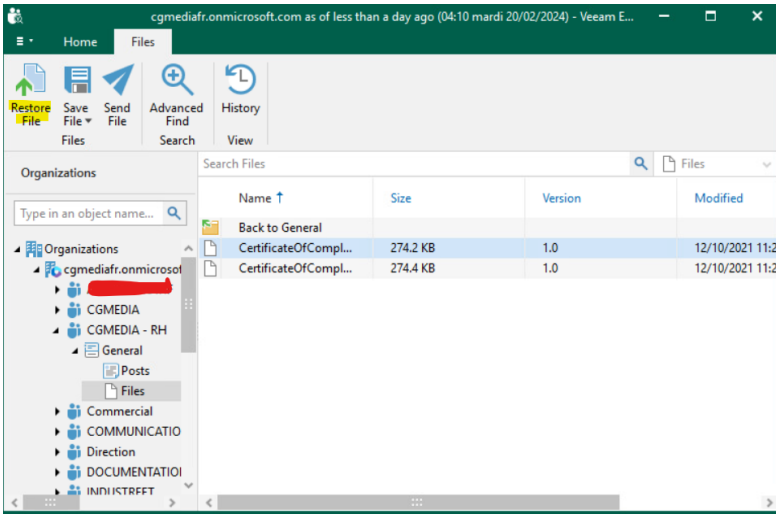


Ensuite on choisit notre jour actuellement je n'ai qu'un point et c'est normal



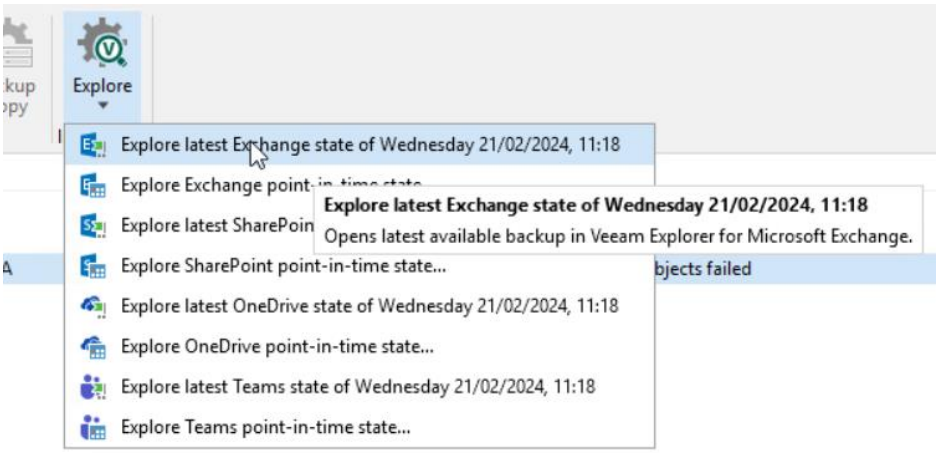
Ensuite browse

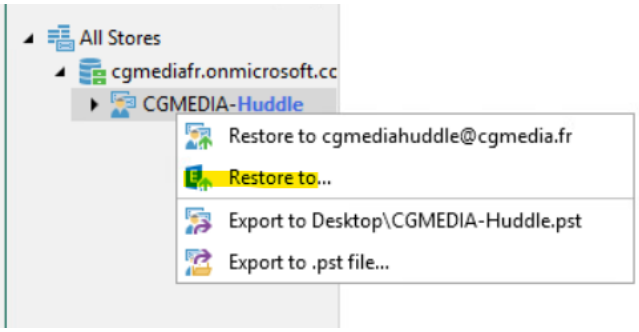
Ensuite je regarde le fichier que je veux et je peux le restaurer



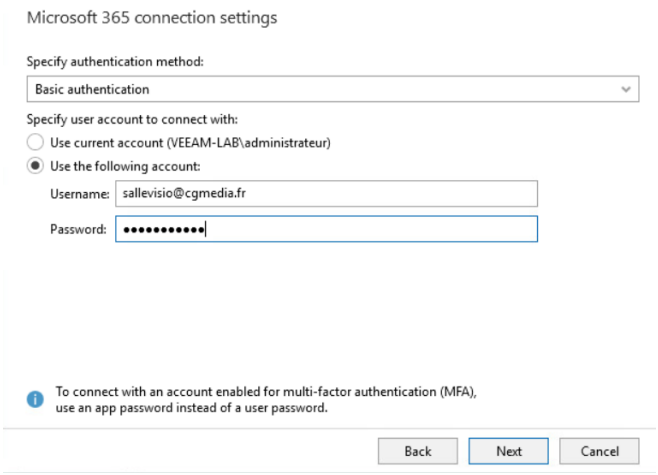
Pour restaurer des objets mieux vaut utiliser la basique authentification et non la modern qui comporte beaucoup de bugs

Par exemple restaurer contenue d'une ancienne boite vers une nouvelle

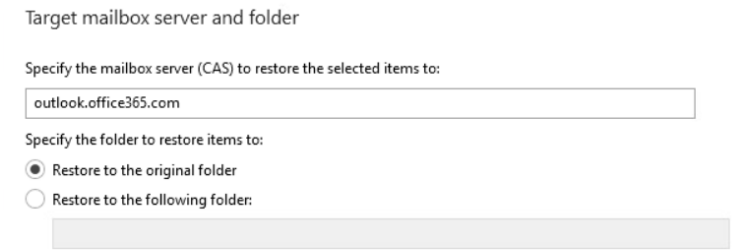


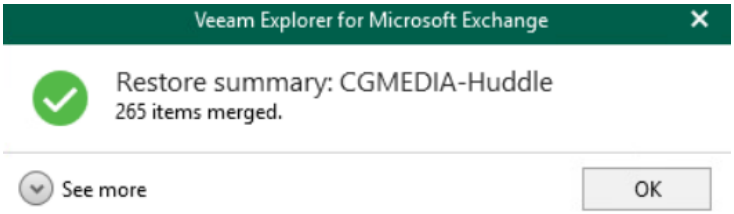


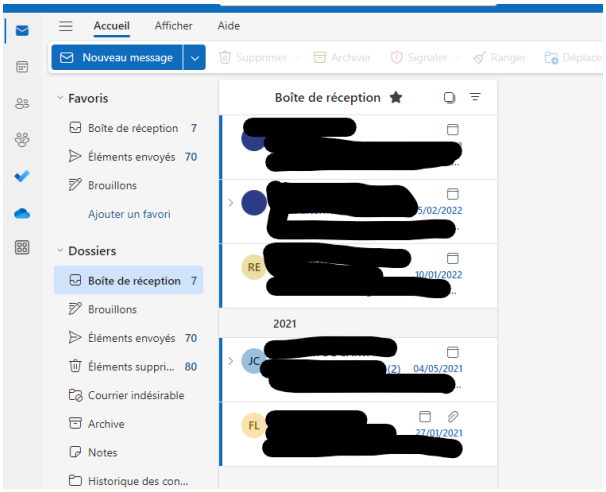
Il faut un compte qui sois admin exchange 365 pour cette opération



Ensuite je peux choisir un folder ou l'original folder





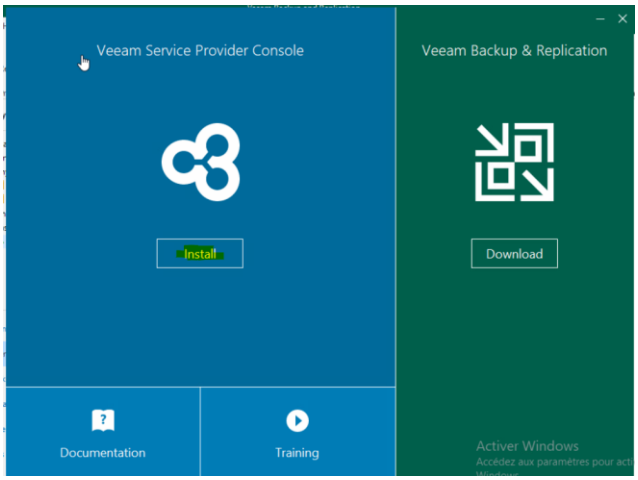


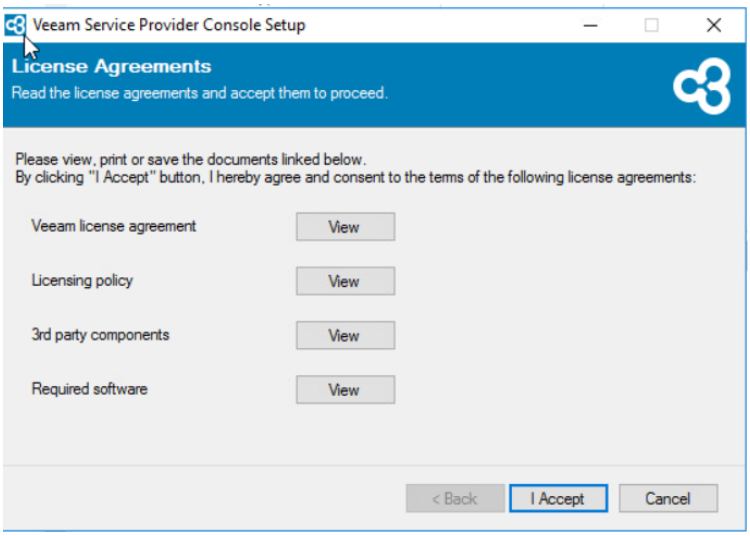
C’est parfait on peut faire la même avec Teams etc.

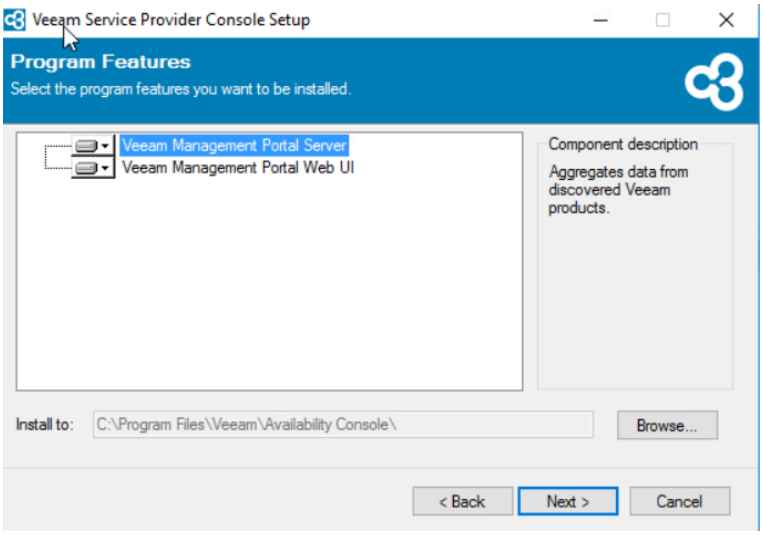
Veeam Service provider console

C’est un centre de gestion qui va nous permettre de gérer les VBR des clients

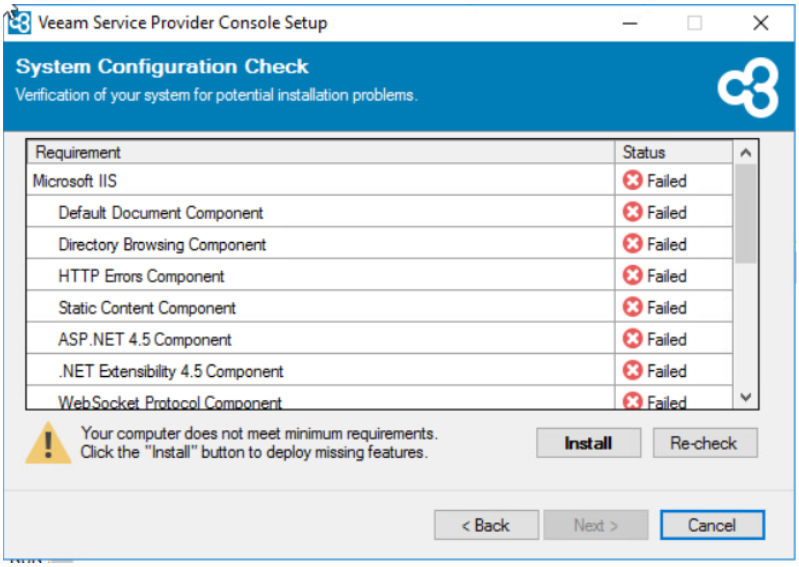
J’ai installé l’iso et lancer le setup.





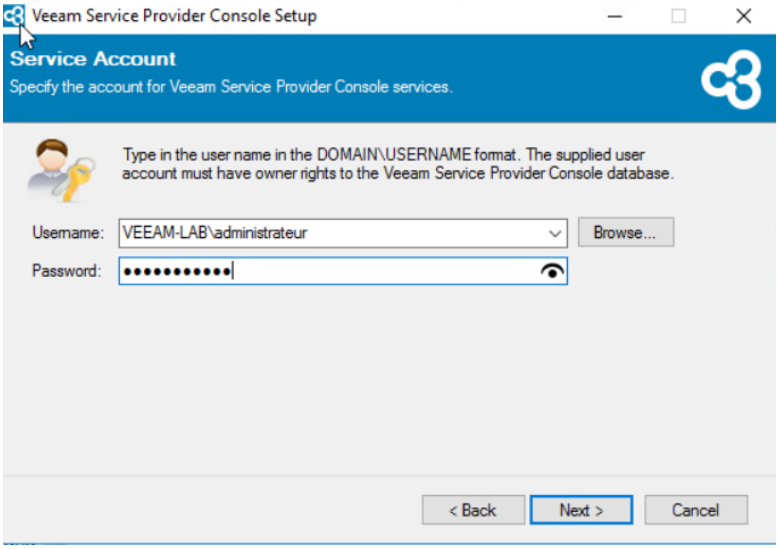


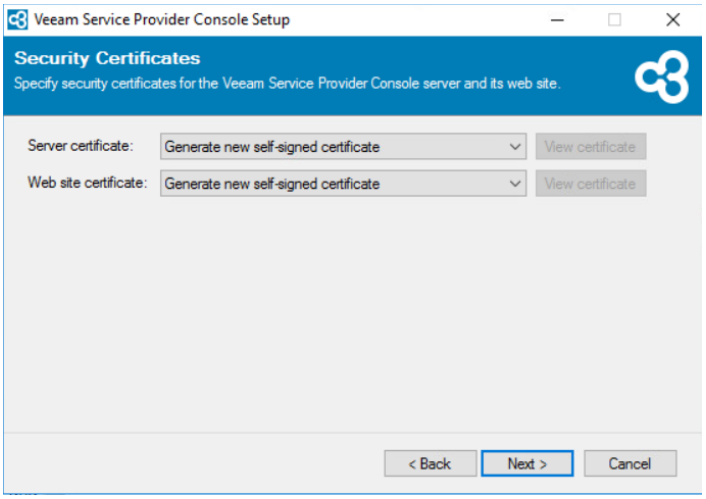
Ensuite on nous demande de mettre la licence

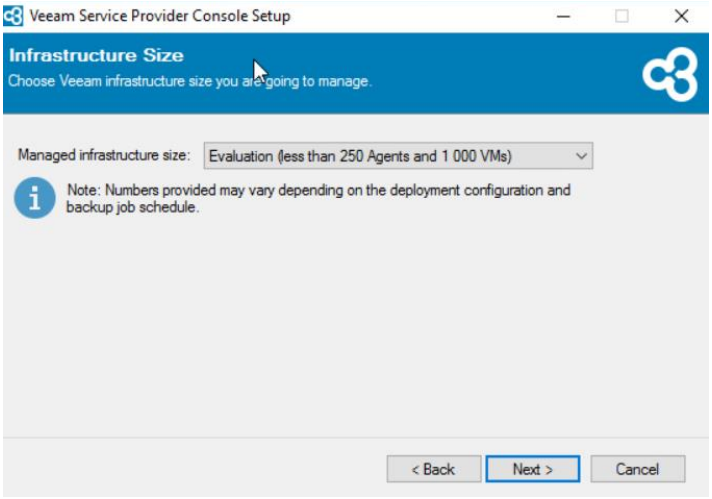


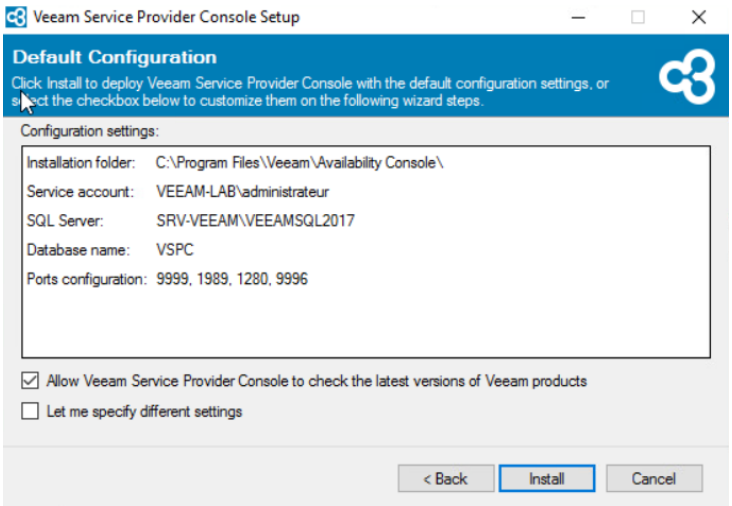
Il faut installer les prérequis

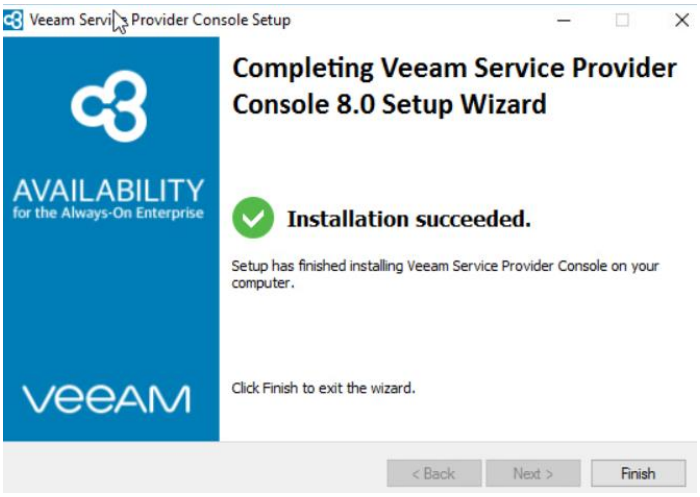
Il faut ensuite mettre un mdp pour l'accès au provider



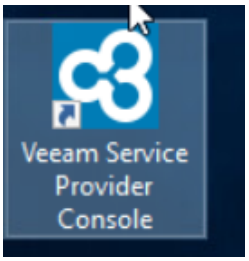

Veeam Service Provider Console Setup
Security Certificates
Specify security certificates for the Veeam Service Provider Console server and its web site.
Server certificate:
Generate new self-signed certificate
View certificate
Web site certificate:
Generate new self-signed certificate
View certificate
< Back
Next >
Cancel


Veeam Service Provider Console Setup
Infrastructure Size
Choose Veeam infrastructure size you are going to manage.
Managed infrastructure size:
Evaluation (less than 250 Agents and 1 000 VMs)
Note: Numbers provided may vary depending on the deployment configuration and backup job schedule.
< Back
Next >
Cancel

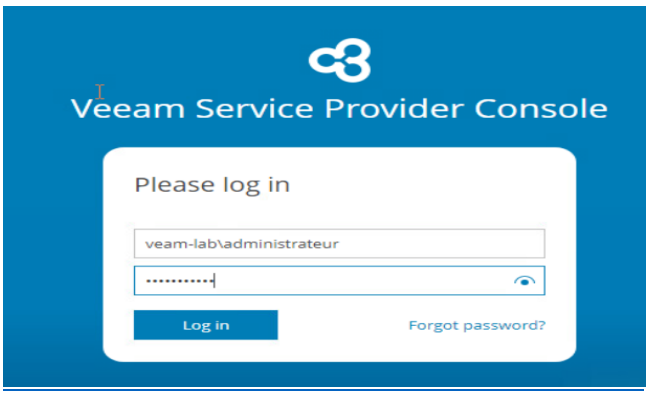

Veeam Service Provider Console Setup
Default Configuration
Click Install to deploy Veeam Service Provider Console with the default configuration settings, or select the checkbox below to customize them on the following wizard steps.
Configuration settings:
Installation folder: C:\Program Files\Veeam\Availability Console\
Service account: VEEAM-LAB\administrateur
SQL Server: SRV-VEEAM\VEEAMSQL2017
Database name: VSPC
Ports configuration: 9999, 1989, 1280, 9996
Allow Veeam Service Provider Console to check the latest versions of Veeam products
Let me specify different settings
< Back
Install
Cancel



Ensuite on doit redémarrer le système

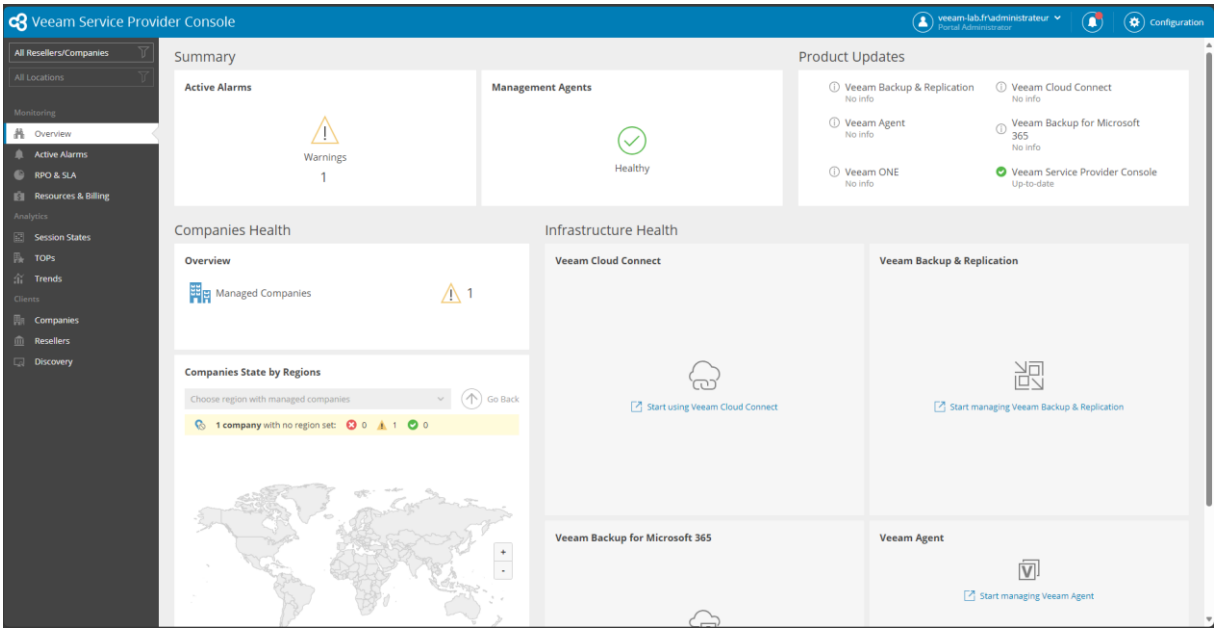


L'interface est https://localhost:1280



Si sa ne marche pas enlever « veeam-lab\ »

Nous voila ensuite sur l'interface de VSPC



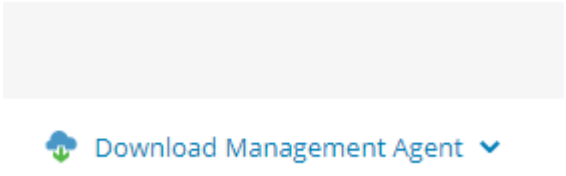
On peut déjà commencer à manager un vbr ou vbc ou vb365

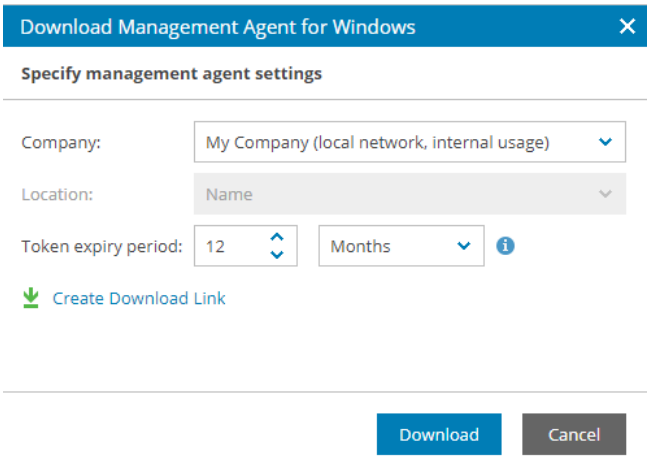
Ajout d'un vbr sur le Service Provider

Il faut installer un agent sur le vbr depuis le vspc

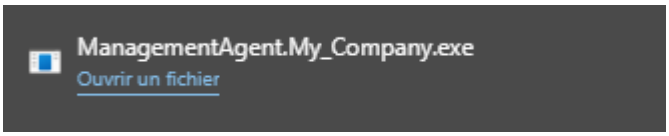
Une fois installé nous pourrons simplement voir l'état du vbr non le piloter etc le pilotage se fait depuis le VCC que nous installerons juste après

Il faut se rendre dans discovery puis Download Management Agent



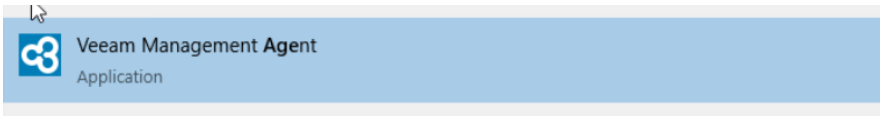


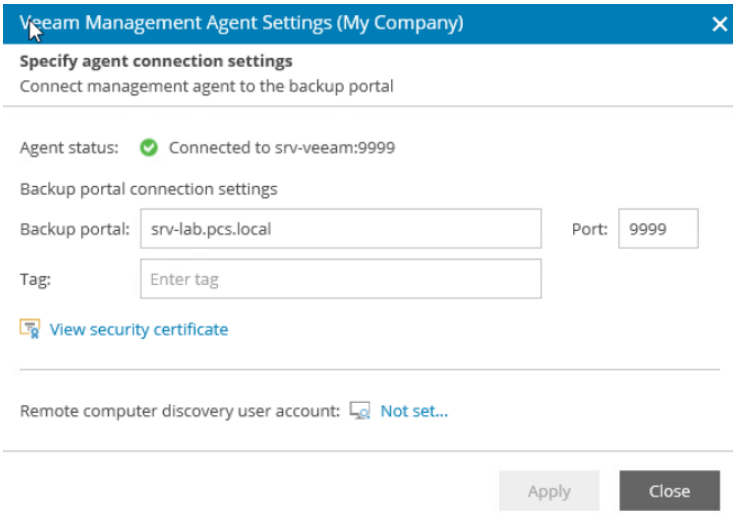
Ensuite l'agent s'installe sur notre pc



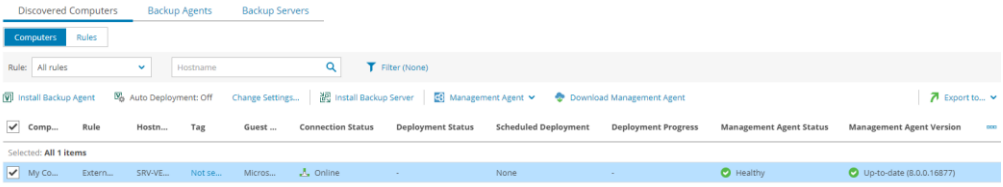
On l'exécute depuis la machine on fait que passer

Ensuite il faut le réouvrir car l'adresse dessus n'est pas la bonne



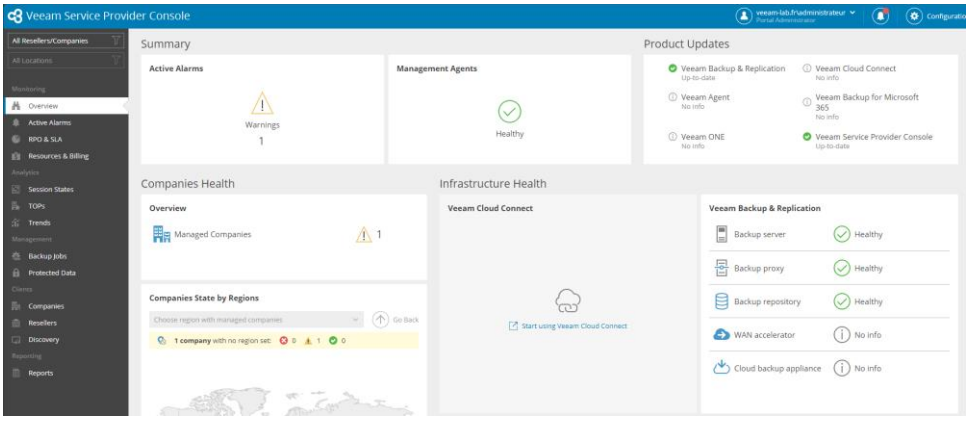


Ensuite sur le vspc

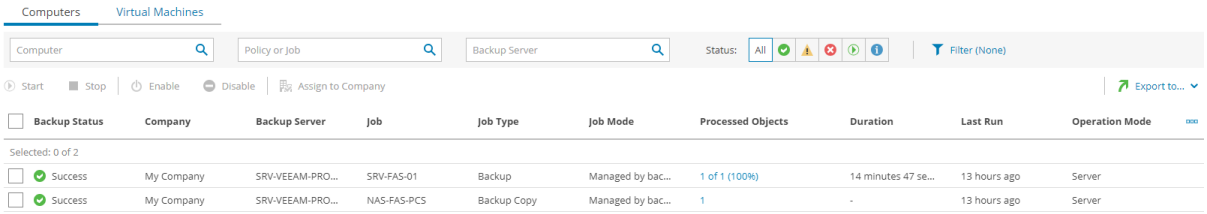


On voit bien la machine windows qui héberge le vbr

Sur le tableau de bord



Si on part dans Backup Job voila ce que l'on peut voir



C'est parfait on peut voir l'avancée des jobs etc les lancer et les stopper

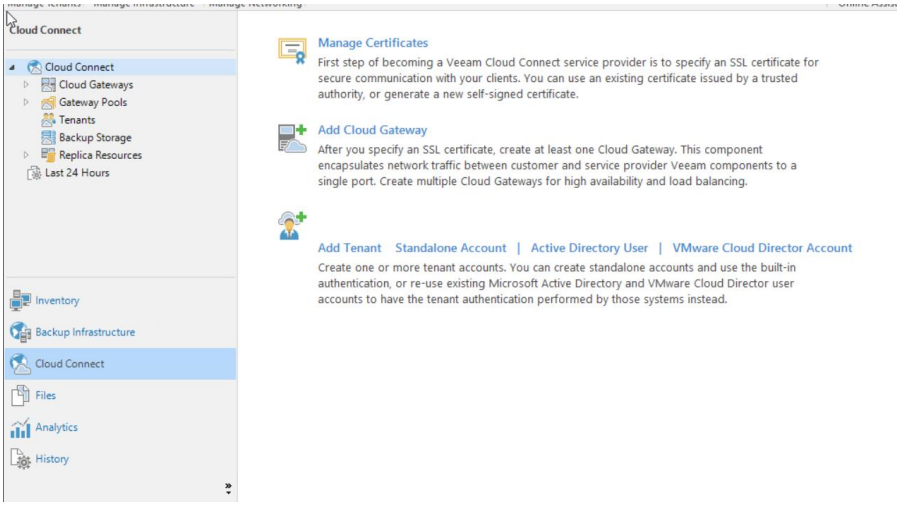
VCC

En verité vcc est la plus pour service de cloud car on peut anoir une dizaine de repository (par ex 10 NAS) et n'allouer que 1 TO de quota à nos clients via des tenants il faudra juste ajouter un service provider au vbr et on pourra ajouter notre VCC comme repository l'avantage c'est que tout ce fait via le WAN plus besoin de tunnels VPN tout ce fait via port 6180

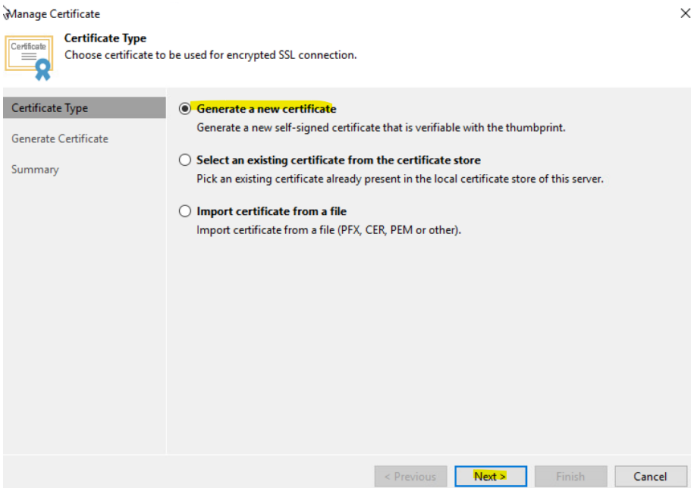
VCC est ce qui nous permettra de piloter ses vbr pour installer vcc c'est simple c'est l'installation d'un vbr + licence vcc (vspc)

Auparavant il faut avoir installer vspc

Une fois la licence mise et un redémarrage effectué un onglet « Cloud Connect » apparait sur le vbr (car vcc est un vbr avec une licence spécial)



On commence par la section manage certificat

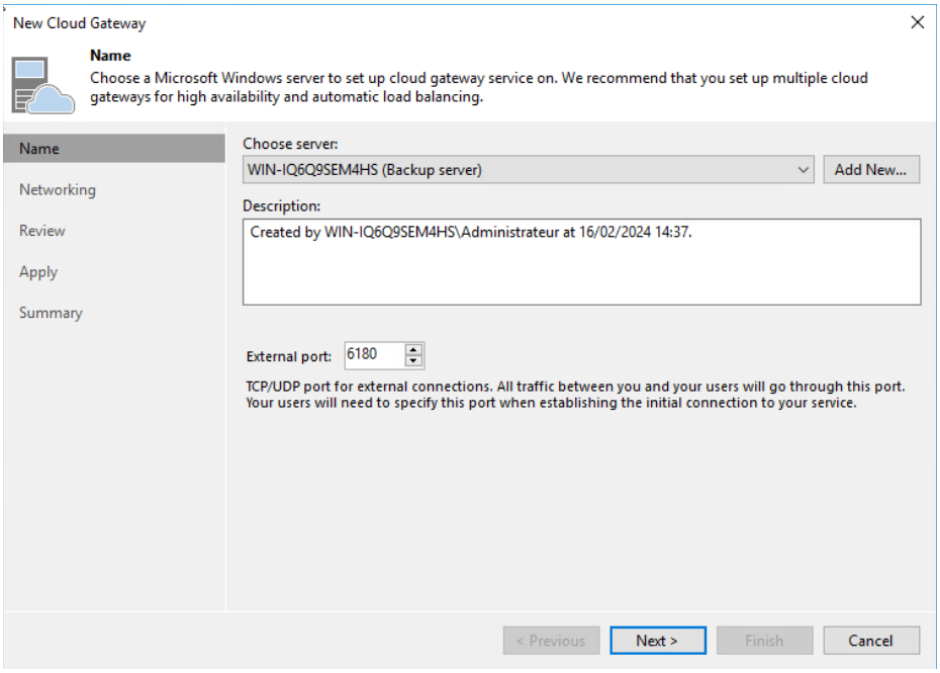


Ensuite on choisit un nom

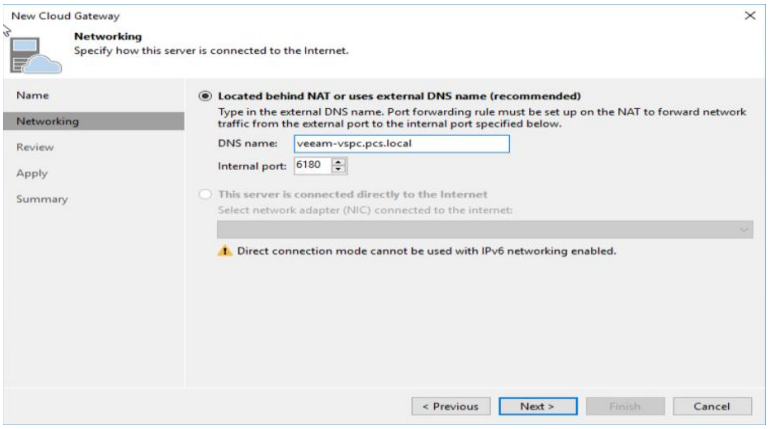
Un résumé et on valide

Ensuite il faut rajouter une cloud gateway il faut que sa soit un windows comme vcc et vspc sont sur le même serveur je choisis le serveur qui les heberge il faut au moins une cloud gateway

On choisit un port sur lequel les users vont communiquer avec notre gateway veeam nous facilite la tâche car c'est un seul port en TCP et UDP

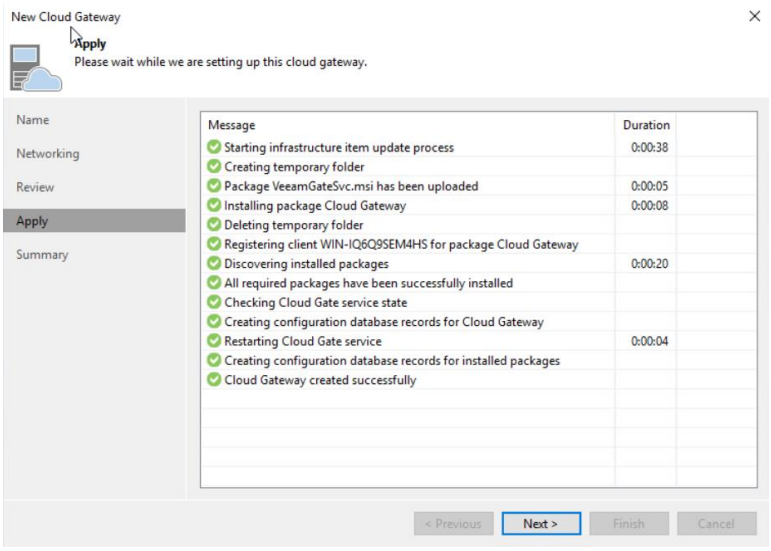


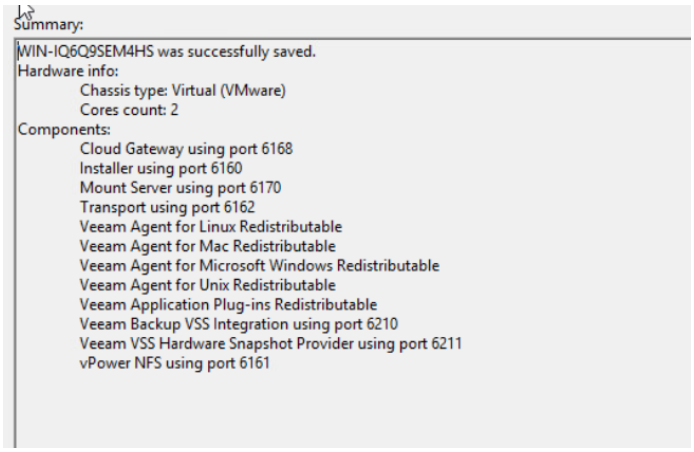
Ensuite on met l'enregistrement dns sur lequel les vbr des clients vont taper



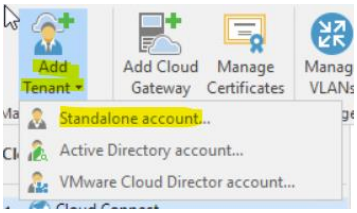
Ensuite sa nous montre les composants qui vont être installés

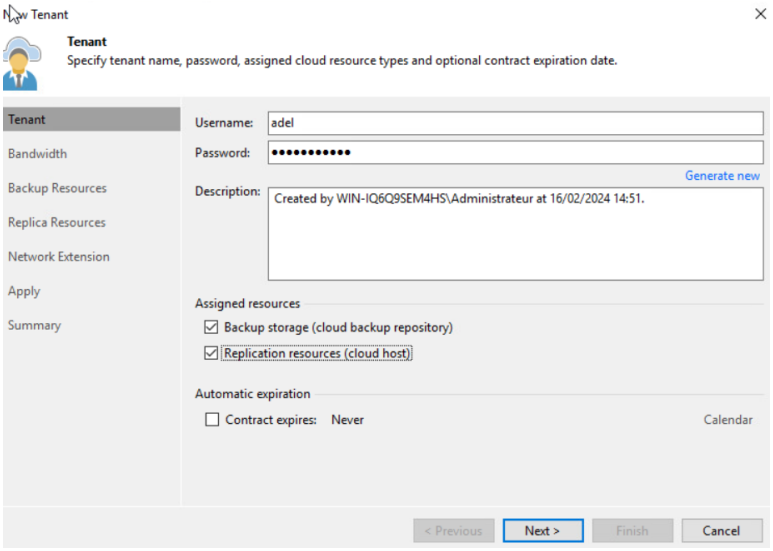
On applique et le processus ce lance





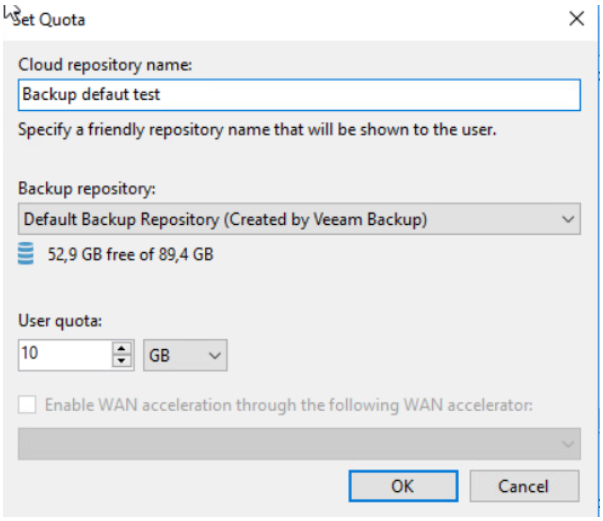
Ajout de Tenant console VCC





On met un maximum de tache en parallèle je laisse à 1

Je définis un endroit ou il y’aura les backup



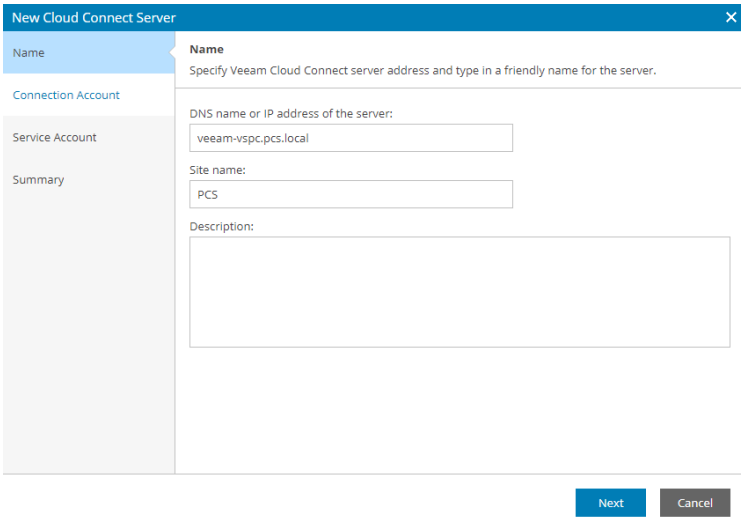
Je peux mettre une limite pour ce repository

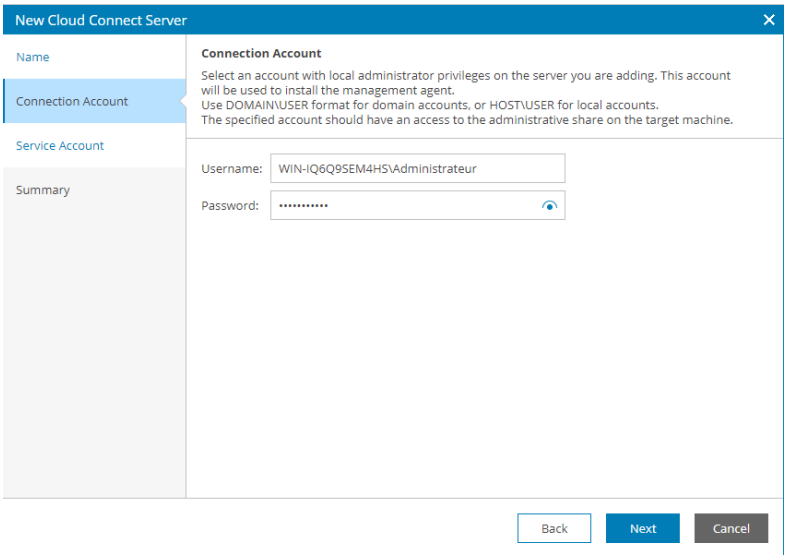
Ensuite on a un résumé et on valide

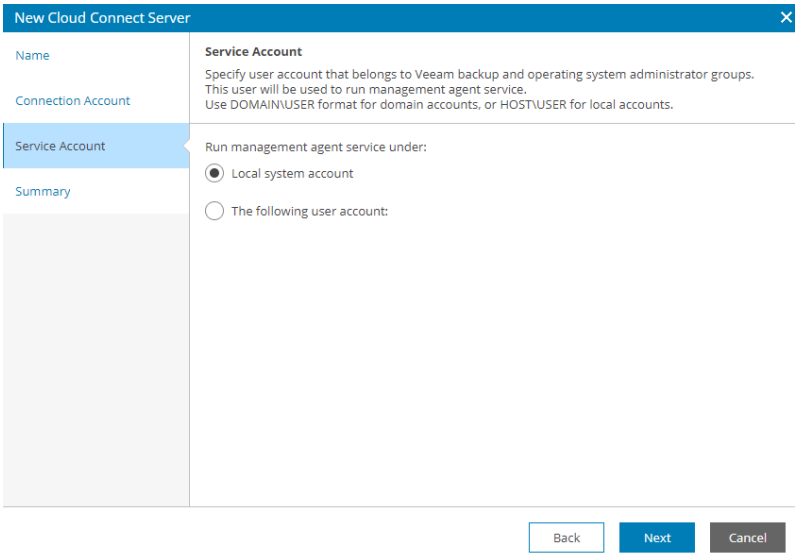
Liaison VSPC / VCC

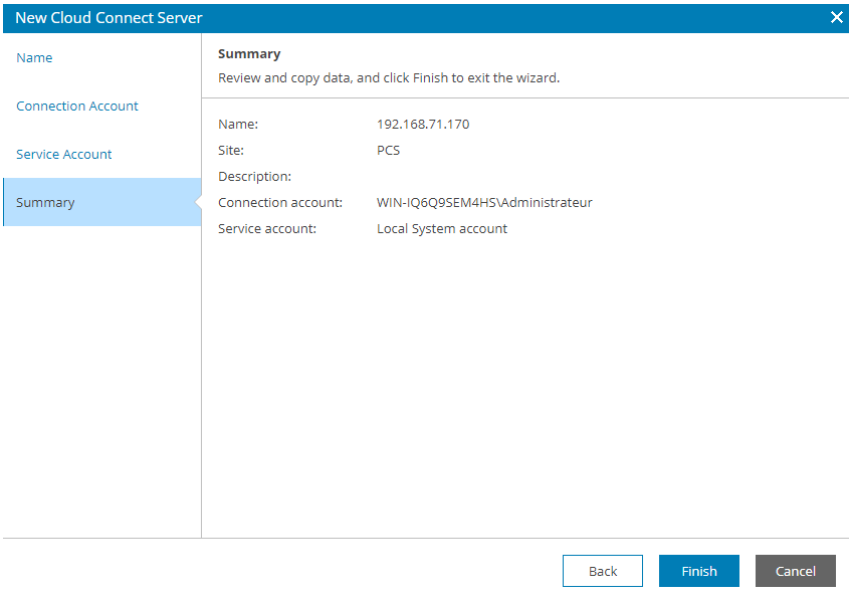
Pour piloter depuis l'interface web il faut lier les deux

Sur vspc on va dans la catégorie Cloud Connect Server et « New »

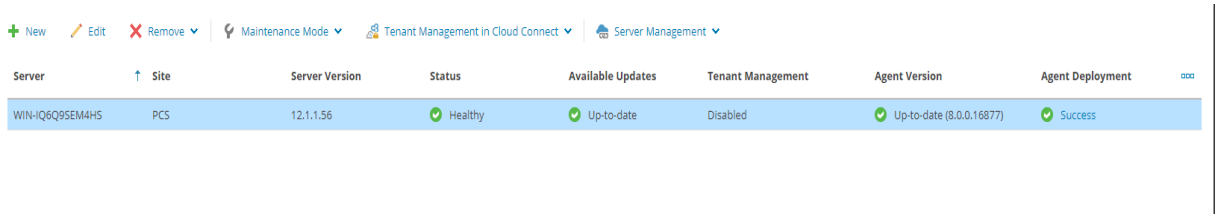



New Cloud Connect Server
Name
Connection Account
Service Account
Summary
Connection Account
Select an account with local administrator privileges on the server you are adding. This account will be used to install the management agent.
Use DOMAIN\USER format for domain accounts, or HOST\USER for local accounts.
The specified account should have an access to the administrative share on the target machine.
Username:
WIN-IQ6Q9SEM4HS\Administrateur
Password:
Back
Next
Cancel


New Cloud Connect Server
Name
Connection Account
Service Account
Summary
Service Account
Specify user account that belongs to Veeam backup and operating system administrator groups.
This user will be used to run management agent service.
Use DOMAIN\USER format for domain accounts, or HOST\USER for local accounts.
Run management agent service under:
Local system account
The following user account:
Back
Next
Cancel

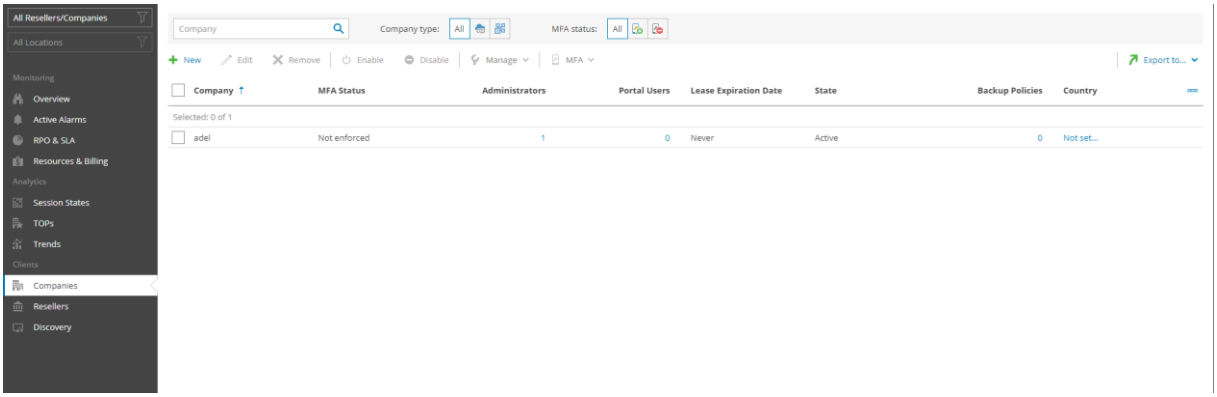


Ensuite l'agent s'installe

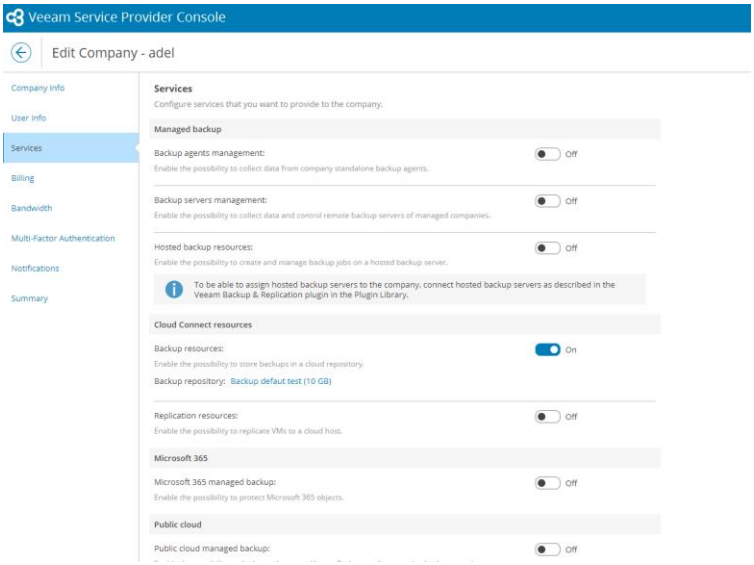


On peut activer le Tenant Management in cloud Connect

Si on regarde dans Companies on peut voir qu'il y'a une Company qui s'appel « Adel » c'est mon tenant



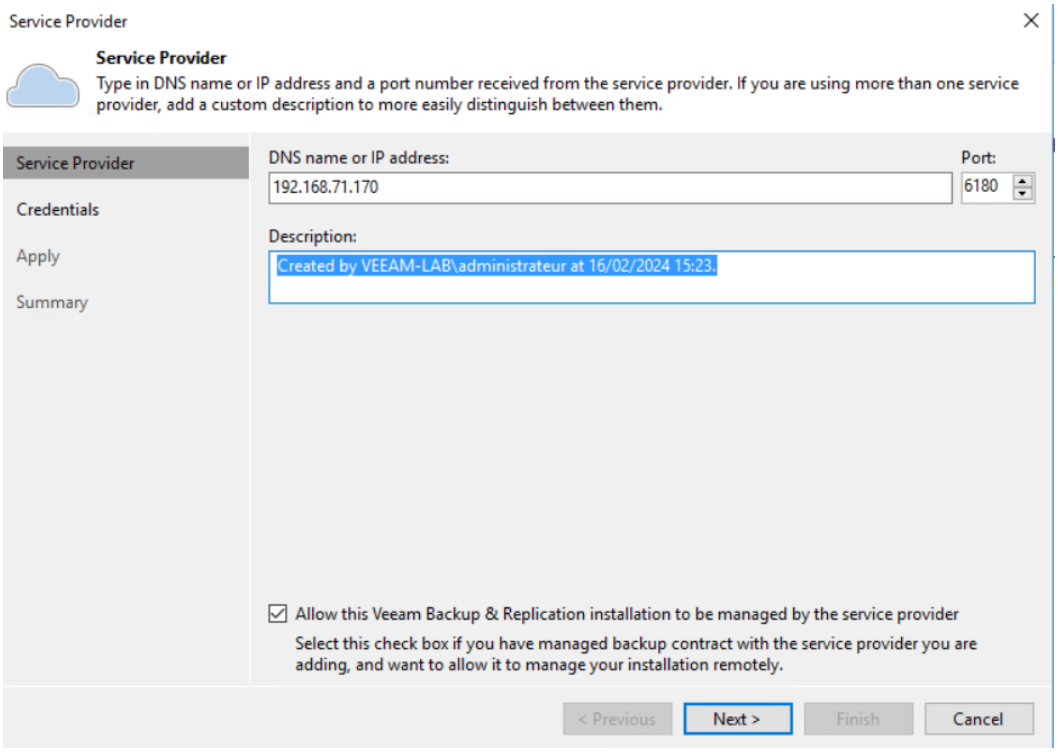
Si on l'édite on peut choisir quels services leur actives ou non etc



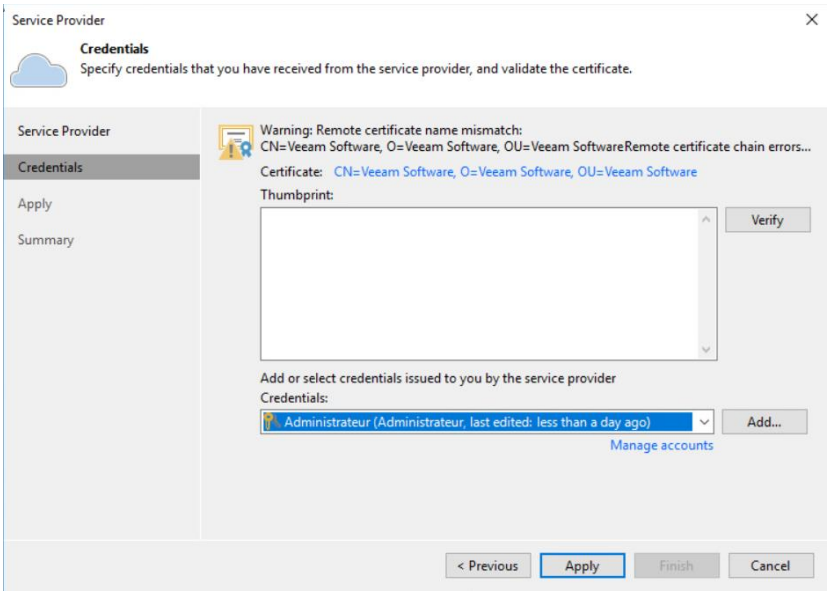
Relier VBR au service provider

Une fois qu'on a mis en place VCC et VSPC et que nous les avons reliés ensemble on peut rajouter des vbr à notre brique

Sur le vbr de notre client il faut cliquer sur « Add provider » et on retrouvera ce fameux port 6180



Ensuite on accepte le certificat et on met nos credentials correcte

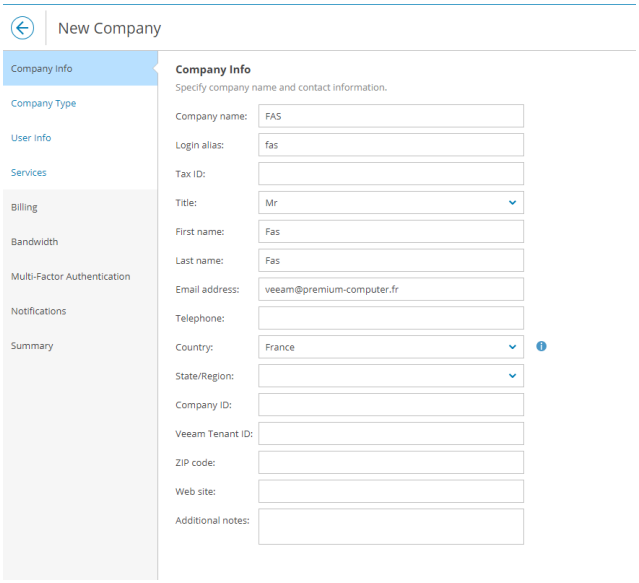


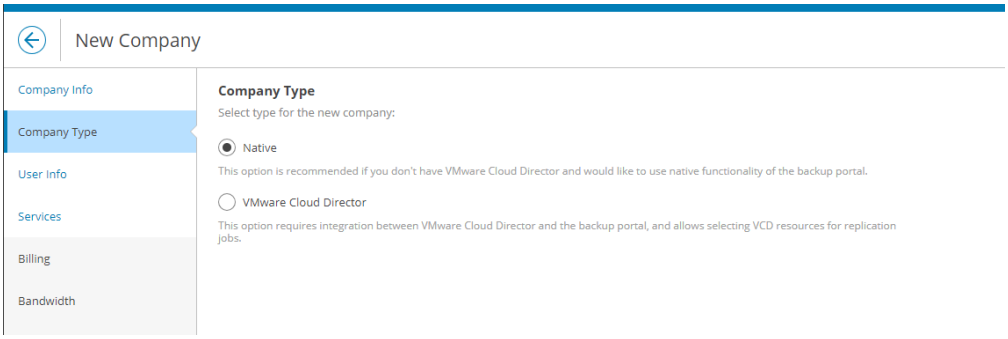
Etapes pour ajouter vbr à la console vscp :

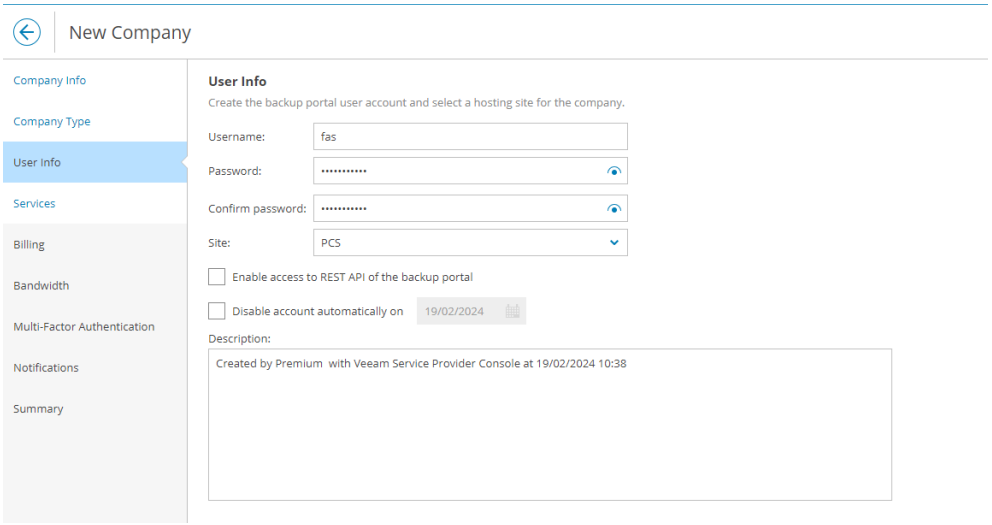
- Installer l'agent
- Attribuer le vbr à une company (après l'avoir vu dans l'onglet découverte)
- Redémarrer l'agent
- Patienter 10m
- Vérifier credential de la company
- Ajouter un provider à notre vbr

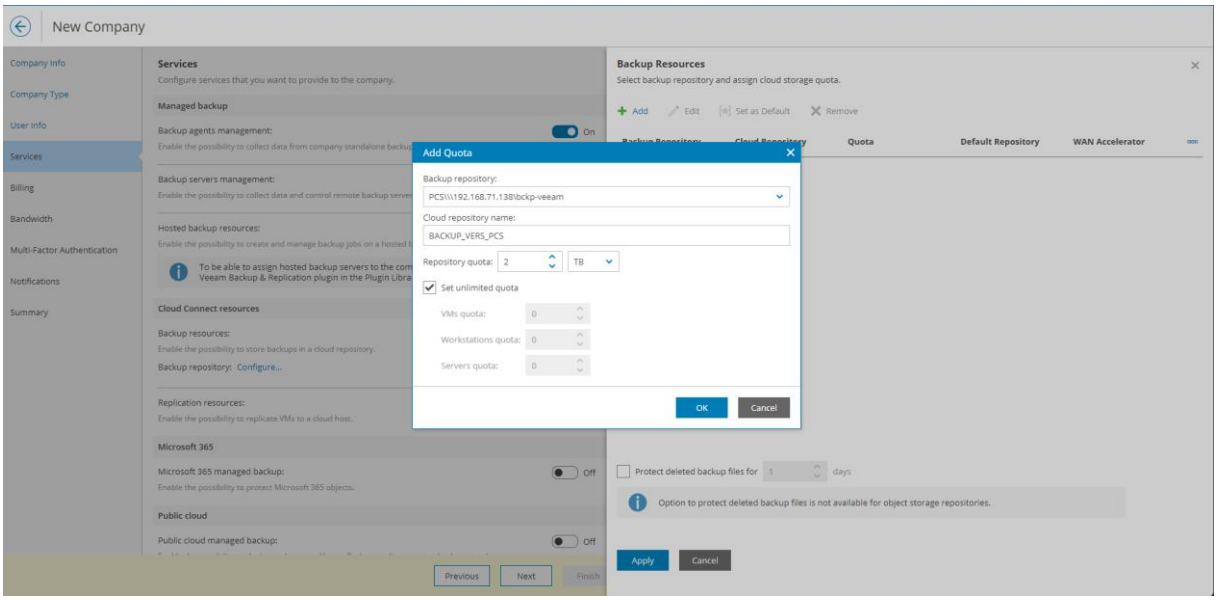
Ajout d'un client et backup machines ou serveurs physique

Il faut d'abord ajouter une company

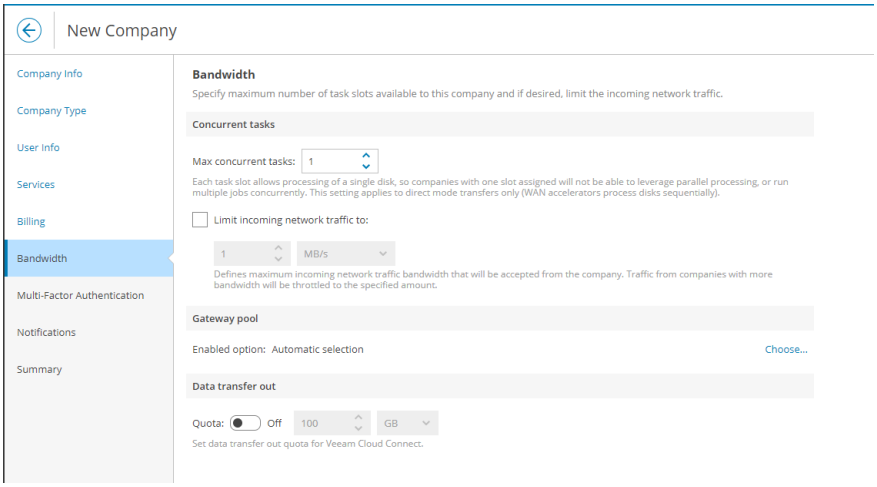








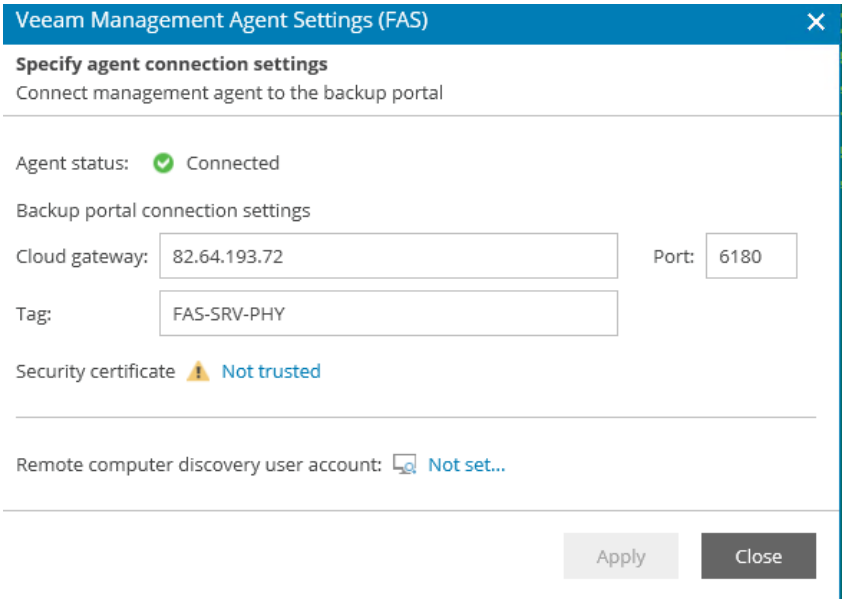
Pas de billing pour le moment ce n’est pas de mon ressort



Ensuite pas de mfa pour le moment

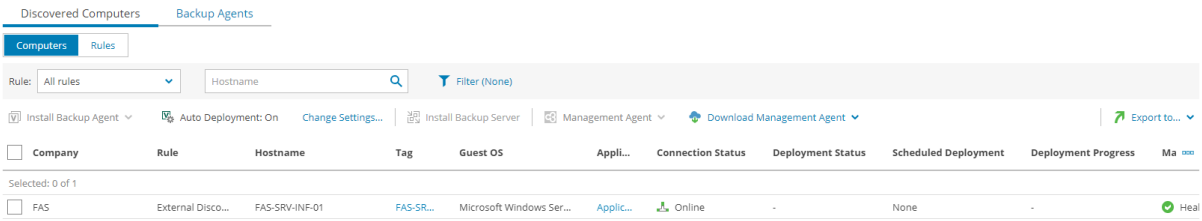
Un summary et on valide

Ensuite on télécharge l'agent on le transfère



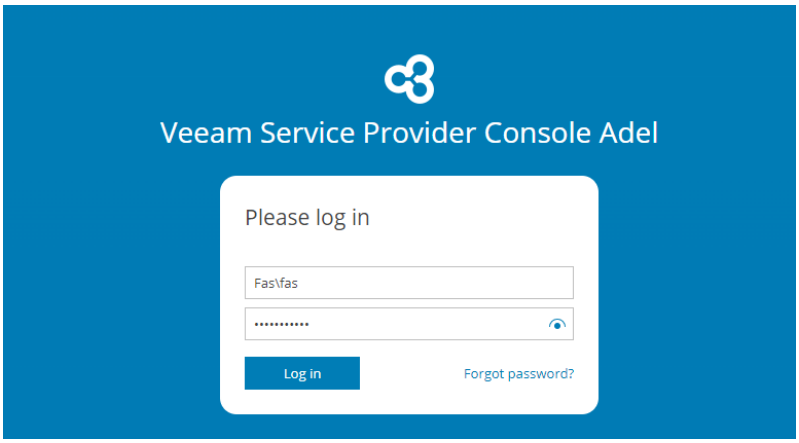
Voilà directement avec l'ip public

Ensuite je regarde sur mon interface vscp

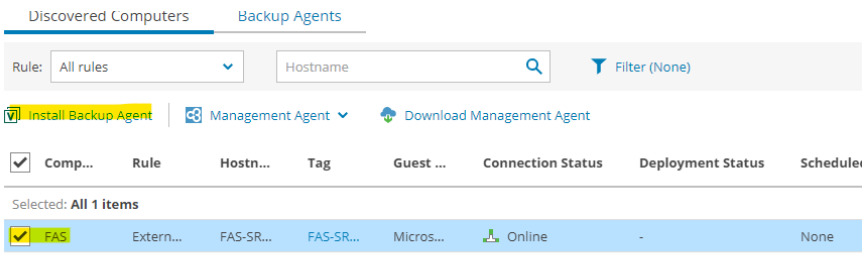


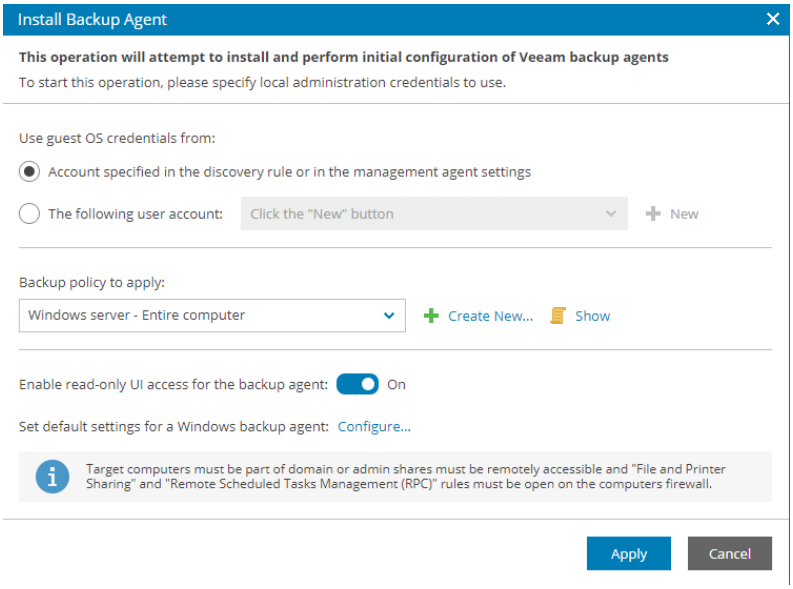
Voila c'est parfait

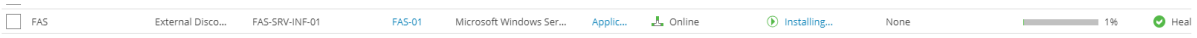
Ensuite je me connecte avec l'user du FAS



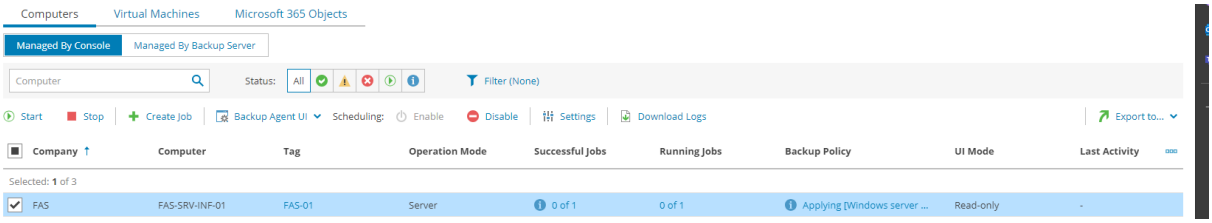
J'installe un backup agent





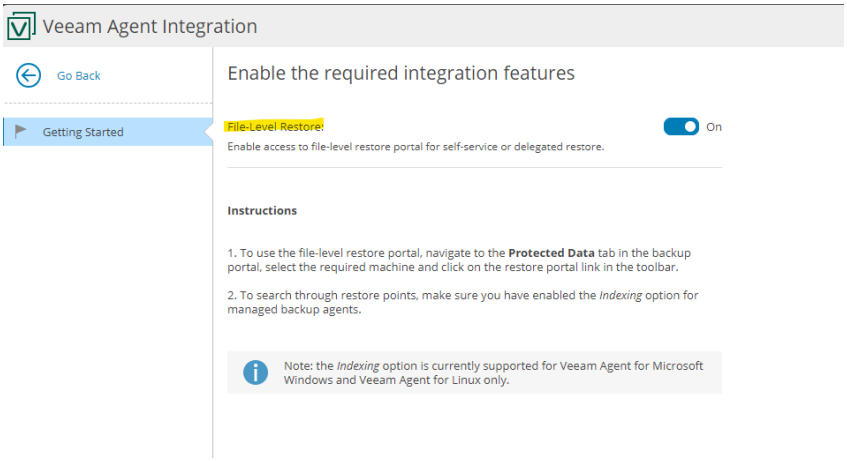


Ensuite si on repart dans backup job on voit que le job est lancé



Activer la restauration de fichiers pour les agents

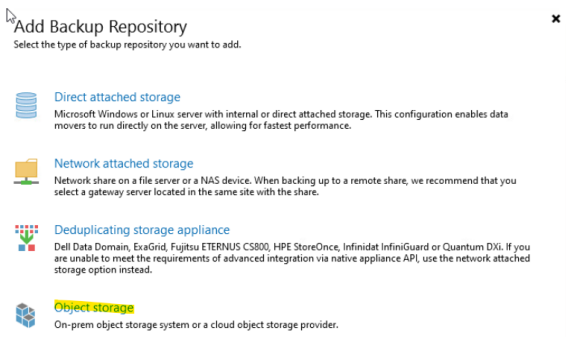
Dans vscp partir dans configuration ensuite sélectionner dans plugin library Veeam Agent

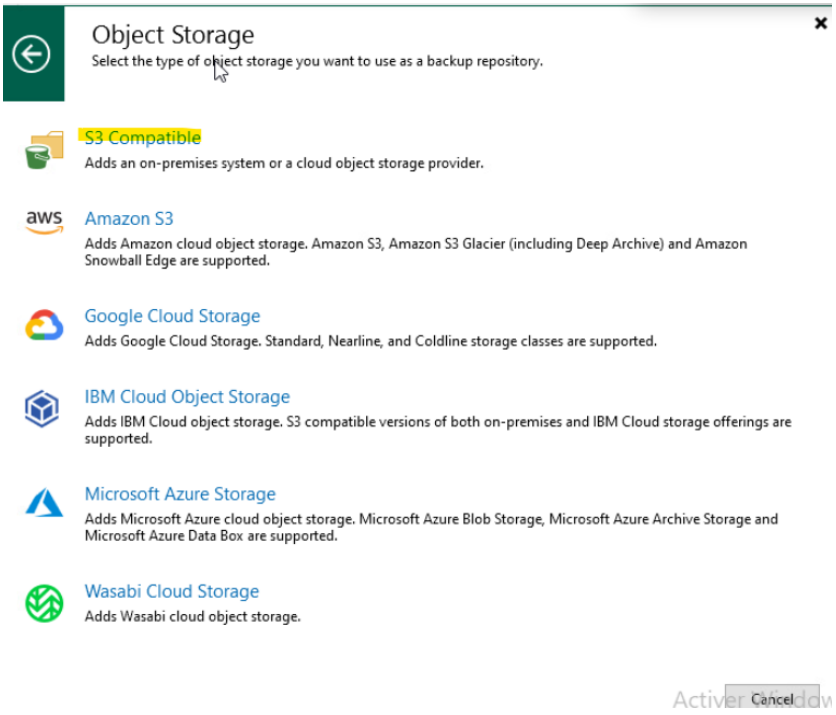


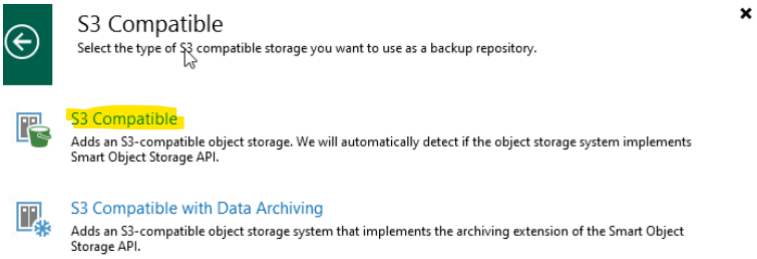
Ajout d'un bucket S3 sur VBR

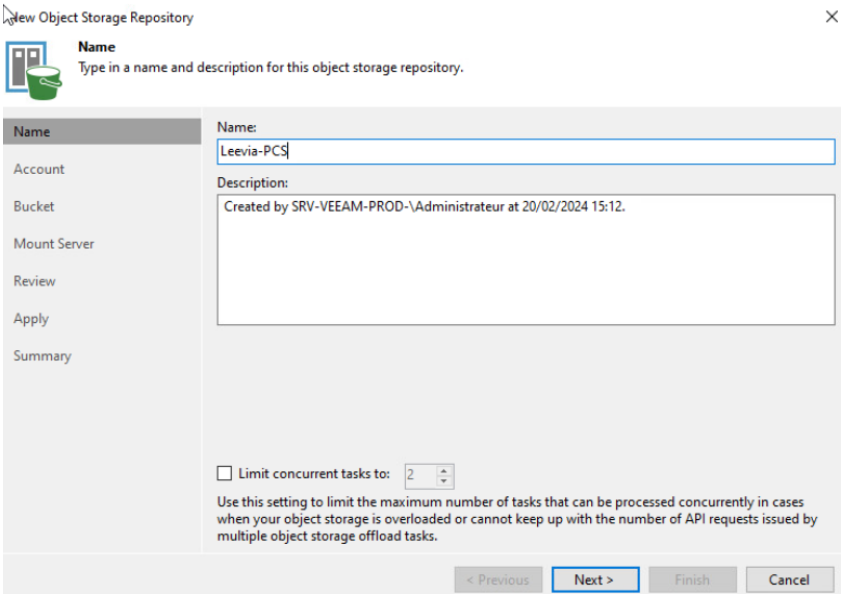
On peut ajouter comme repository un bucket S3 en l'occurrence celui que j'ai actuellement c'est Leevia

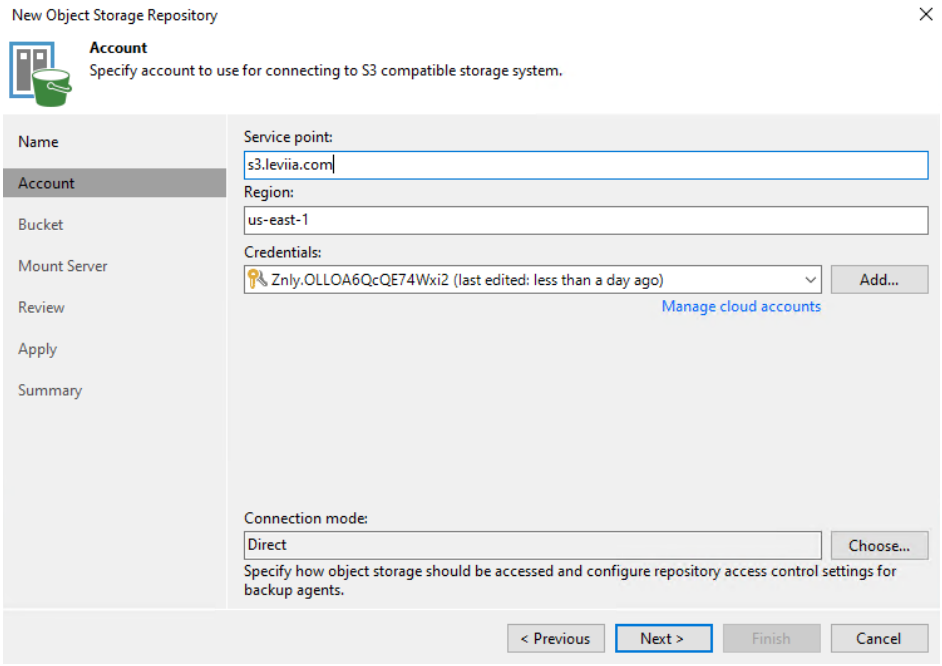
C'est la même procédure que l'ajout d'un repository classique




Object Storage
Select the type of object storage you want to use as a backup repository.
S3 Compatible
Adds an on-premises system or a cloud object storage provider.
Amazon S3
Adds Amazon cloud object storage. Amazon S3, Amazon S3 Glacier (including Deep Archive) and Amazon Snowball Edge are supported.
Google Cloud Storage
Adds Google Cloud Storage. Standard, Nearline, and Coldline storage classes are supported.
IBM Cloud Object Storage
Adds IBM Cloud object storage. S3 compatible versions of both on-premises and IBM Cloud storage offerings are supported.
Microsoft Azure Storage
Adds Microsoft Azure cloud object storage. Microsoft Azure Blob Storage, Microsoft Azure Archive Storage and Microsoft Azure Data Box are supported.
Wasabi Cloud Storage
Adds Wasabi cloud object storage.
Cancel


S3 Compatible
Select the type of S3 compatible storage you want to use as a backup repository.
S3 Compatible
Adds an S3-compatible object storage. We will automatically detect if the object storage system implements Smart Object Storage API.
S3 Compatible with Data Archiving
Adds an S3-compatible object storage system that implements the archiving extension of the Smart Object Storage API.


New Object Storage Repository
Name
Type in a name and description for this object storage repository.
Name
Account
Bucket
Mount Server
Review
Apply
Summary
Name:
Leevia-PCS
Description:
Created by SRV-VEEAM-PROD-\Administrateur at 20/02/2024 15:12.
Limit concurrent tasks to:
2
Use this setting to limit the maximum number of tasks that can be processed concurrently in cases when your object storage is overloaded or cannot keep up with the number of API requests issued by multiple object storage offload tasks.
< Previous
Next >
Finish
Cancel


New Object Storage Repository
Account
Specify account to use for connecting to S3 compatible storage system.
Name
Account
Bucket
Mount Server
Review
Apply
Summary
Service point:
s3.leviia.com
Region:
us-east-1
Credentials:
Znly.OLLOA6QcQE74Wxi2 (last edited: less than a day ago)
Add...
Manage cloud accounts
Connection mode:
Direct
Choose...
Specify how object storage should be accessed and configure repository access control settings for backup agents.
< Previous
Next >
Finish
Cancel