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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.

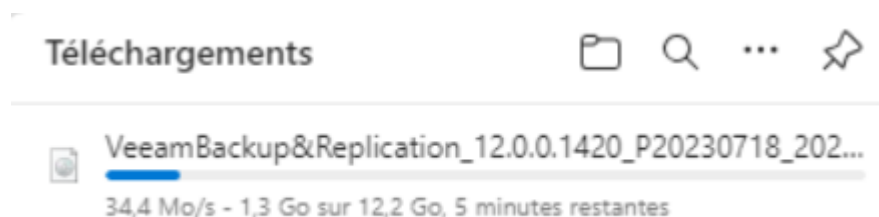
Télécharger

 [Envoyez-moi un lien de téléchargement](#)

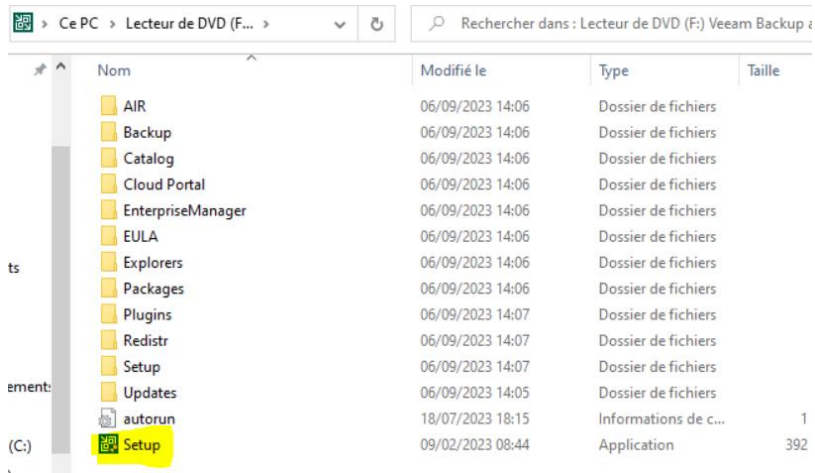
Version: 12.0.0.1420 P20230718

Taille: 12.2 GB

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 ».



Rechercher dans : Lecteur de DVD (F:) Veeam Backup & Replication 12

Nom	Modifié le	Type	Taille
AIR	06/09/2023 14:06	Dossier de fichiers	
Backup	06/09/2023 14:06	Dossier de fichiers	
Catalog	06/09/2023 14:06	Dossier de fichiers	
Cloud Portal	06/09/2023 14:06	Dossier de fichiers	
EnterpriseManager	06/09/2023 14:06	Dossier de fichiers	
EULA	06/09/2023 14:06	Dossier de fichiers	
Explorers	06/09/2023 14:06	Dossier de fichiers	
Packages	06/09/2023 14:06	Dossier de fichiers	
Plugins	06/09/2023 14:07	Dossier de fichiers	
Redistr	06/09/2023 14:07	Dossier de fichiers	
Setup	06/09/2023 14:07	Dossier de fichiers	
Updates	06/09/2023 14:05	Dossier de fichiers	
autorun	18/07/2023 18:15	Informations de c...	1
Setup	09/02/2023 08:44	Application	392

Appuyer sur « installer »



Sélectionner ça

 Veeam Backup & Replication



Install Veeam Backup & Replication

Veeam Backup & Replication combines fast, flexible and reliable backup, recovery and replication for all your workloads and data.



Install Veeam Backup Enterprise Manager

Veeam Backup Enterprise Manager is an optional web-based management and reporting console for Veeam Backup & Replication. It provides a single pane of glass for larger environments with multiple backup servers.



Install Veeam Backup & Replication Console

Veeam Backup & Replication console is a Windows-based graphical user interface client for managing backup servers.

Accepter la licence ensuite.

 Veeam Backup & Replication

License Agreement

Read the license agreements and accept them to proceed.

Please view, print or save the documents linked below.

By clicking "I Accept" button, I hereby accept the following:

- Agree and consent to the terms of [Veeam License Agreement](#) and [licensing policy](#)
- Agree and consent to each of the license agreements of [3rd party components](#) used
- Agree and consent to each of the license agreements of [required software](#)

Back

I Accept

Cancel

Ensuite next

License

Provide license file for Veeam Backup & Replication.

License file:

 [Browse...](#)

Update license automatically (enables usage reporting)

Download and install new license automatically when you renew or expand your contract. This requires sending the license ID, the installation ID, and workload usage counters to Veeam servers periodically. Successful usage reporting doubles the number of workloads you can exceed your installed license by.

If you don't have a license simply click Next to install the Community Edition.

i Veeam EULA prohibits using Community Edition to provide any services to third parties. In particular, you may not install, configure or manage such backup servers at your client's environment as a consultant or an MSP.

Back

Next

Cancel

Un petit récapitulatif et on installe

Ready to Install

Installation will begin with the following settings.

Installation folder:	C:\Program Files\Veeam\Backup and Replication
vPower cache folder:	E:\ProgramData\Veeam\Backup\IRCACHE
Guest catalog folder:	E:\VBRCatalog
Service account:	LOCAL SYSTEM
Database engine:	PostgreSQL
SQL server:	officetest:5432
Database name:	VeeamBackup
Catalog service port:	9393
Service port:	9392
Secure connections port:	9401
REST API service port:	9419
Check for product updates:	Automatically

 [Customize Settings](#)

Back

Install

Cancel

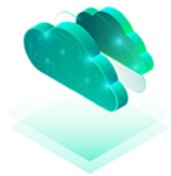
Les 8 étapes de l'installation s'effectuent ensuite.

Installing Veeam Backup & Replication

Please wait, installation may require significant time.

Step 1 of 8:

Installing PostgreSQL server 15.1-1...



Hybrid cloud optimized

Achieve even greater efficiency and security across the hybrid cloud with immutable backups for AWS and Microsoft Azure workloads, cloud-native application-aware backup agents, orchestrated DR to Azure, and unified cloud monitoring and reporting.

Veeam Backup & Replication

System Configuration Check

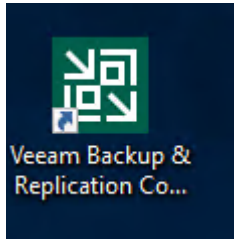
System is being verified for potential installation problems.

Setup could not automatically install required system prerequisites. Please install missing components and click "Retry" to continue.

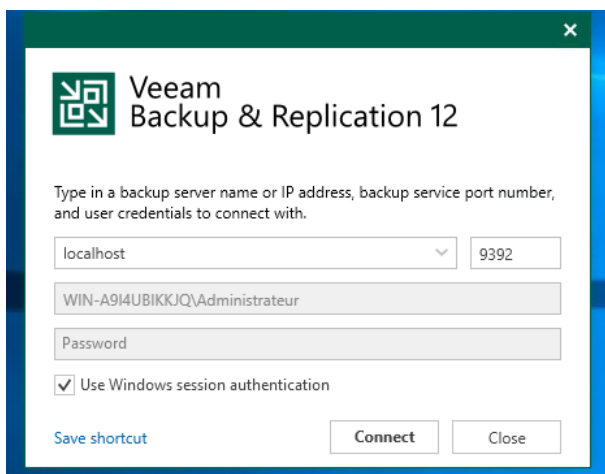
Requirement	Status
Microsoft .NET Framework 4.7.2	Reboot required
Microsoft Visual C++ 2015-2019 Redistributable	Reboot required
Microsoft System CLR Types for SQL Server 2014	Passed
Microsoft Report Viewer Redistributable 2015	Passed
Microsoft PowerShell v5.1	Reboot required
Microsoft Universal C Runtime	Failed
Microsoft .NET Runtime 6.0.12	Passed
Microsoft ASP.NET Core Shared Framework 6.0.12	Passed

Back **Retry** Cancel

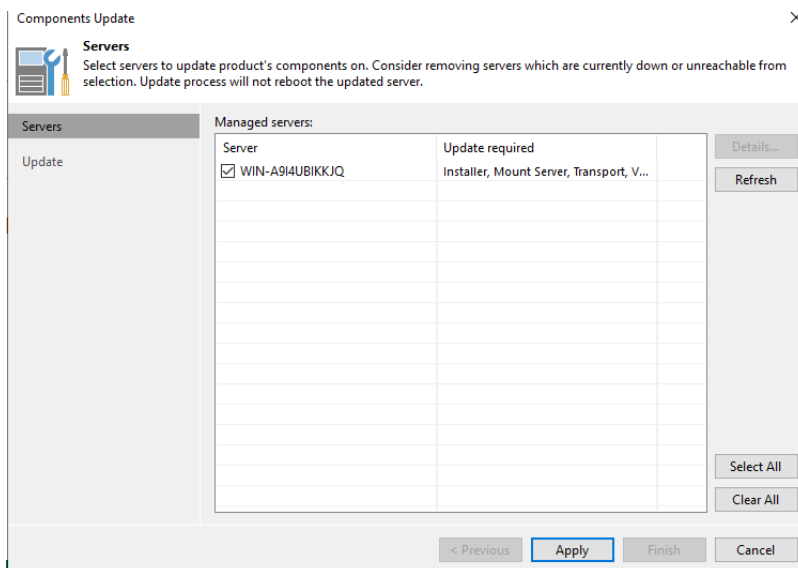
Ensuite exécuter Veeam une fois l'installation terminer



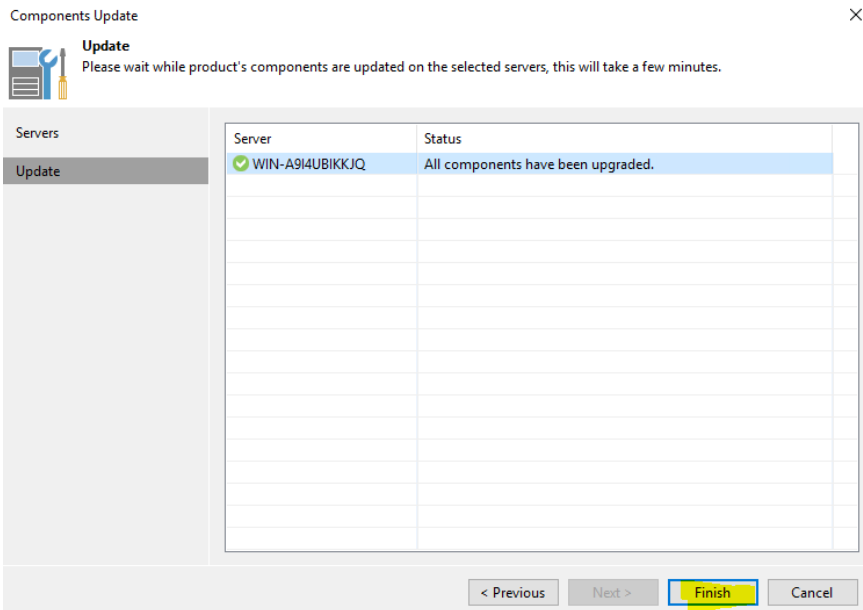
Se connecter avec l'utilisateur local



Ensuite installer les composants sur le serveur



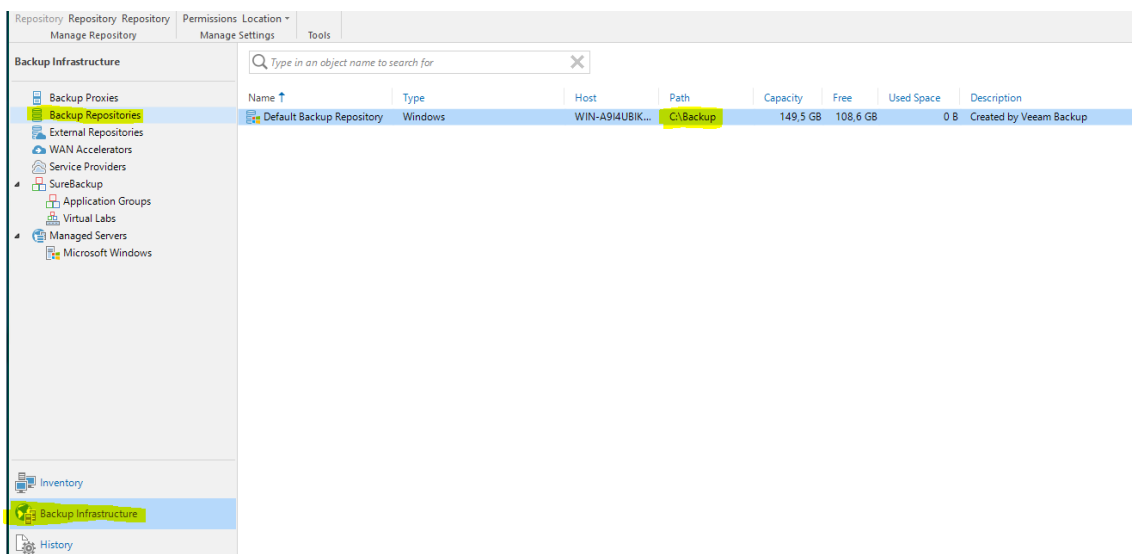
Ensuite les composants s'installent



Ensuite « Finish »

Repository

Ensuite je vais rajouter un repository ou mes sauvegardent seront stocker

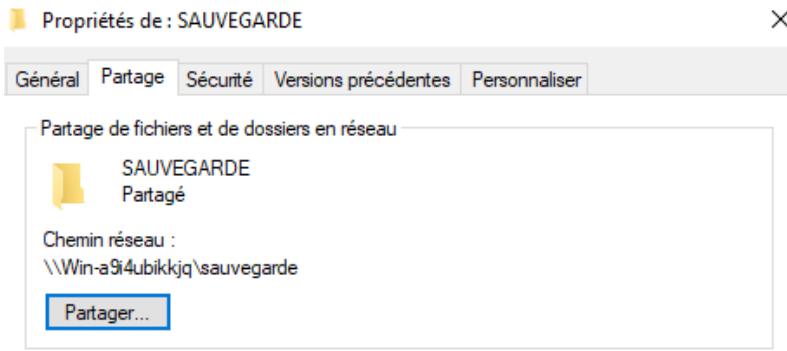


Par défaut c'est « C:/Backup »

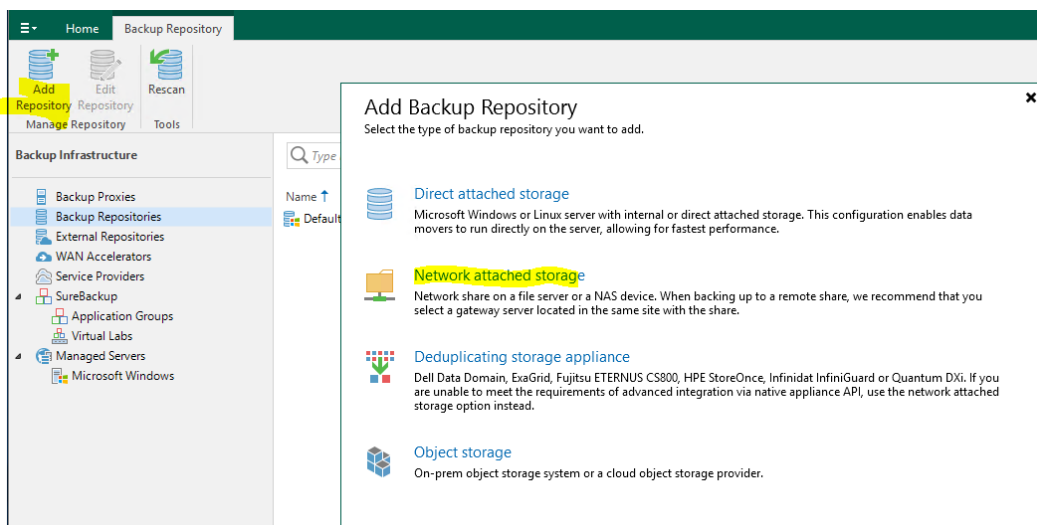
Ne disposant pas de disques externes je vais juste créer un dossier « Sauvegarde » au même endroit et configurer le nouveau repository.

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




New Backup Repository

 **Name**
Type in a name and description for this backup repository.

Name	Name: Backup 1
Share	Description: Created by WIN-A9I4UBIKKJQ\Administrateur at 19/11/2023 13:46.
Repository	
Mount Server	
Review	
Apply	
Summary	

< Previous **Next >** Finish Cancel

New Backup Repository

 **Share**
Type in UNC path to share (mapped drives are not supported), specify share access credentials and how backup jobs should write data to this share.

Name	Shared folder: \\Win-a9I4ubikkjq\sauvegarde	Browse...
Share	Use \\server\folder format	
Repository	<input type="checkbox"/> This share requires access credentials:	
Mount Server	<input type="text"/>	Add... Manage accounts
Review	Gateway server:	
Apply	Automatic selection	Choose...
Summary		

< Previous **Next >** Finish Cancel

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

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

**Repository**

Type in path to the folder where backup files should be stored, and set repository load control options.


Name	Location
Share	Path to folder: <input type="text" value="\\Win-a9i4ubikkjq\sauvegarde"/>
Repository	Capacity: 149,5 GB Free space: 108,6 GB Populate
Mount Server	Load control
Review	Running too many concurrent tasks against the repository may reduce overall performance, and cause I/O timeouts. Control storage device saturation with the following settings:
Apply	<input checked="" type="checkbox"/> Limit maximum concurrent tasks to: <input type="text" value="1"/>
Summary	<input type="checkbox"/> Limit read and write data rate to: <input type="text" value="1"/> MB/s
	Click Advanced to customize repository settings. Advanced...
< Previous Next > Finish Cancel	

New Backup Repository		X
Mount Server Specify a server to mount backups to when performing advanced restores (file, application item and instant VM recoveries). Instant recoveries require a write cache folder to store changed disk blocks in.		
Name	Mount server:	
Share	<input type="text" value="WIN-A9I4UBIKKJQ (Backup server)"/>	Add New...
Repository	Instant recovery write cache folder:	
Mount Server	<input type="text" value="C:\ProgramData\Veeam\Backup\IRCache\"/>	Browse...
Review	Ensure that the selected volume has sufficient free disk space to store changed disk blocks of instantly recovered machines. We recommend placing the write cache folder on an SSD drive.	
Apply	<input checked="" type="checkbox"/> Enable vPower NFS service on the mount server (recommended)	Ports...
Summary	Unlocks instant recovery of any backup (physical, virtual or cloud) to a VMware vSphere VM. vPower NFS service is not used for instant recovery to a Microsoft Hyper-V VM.	
< Previous Next > Finish Cancel		

Ensuite un résumé et on accepte

New Backup Repository ✕

Review
Please review the settings, and click Apply to continue.



Name

Share

Repository

Mount Server

Review

Apply

Summary

The following components will be processed on server WIN-A9I4UBIKKJQ:

Component name	Status
Transport	already exists
vPower NFS	already exists
Mount Server	already exists


Search the repository for existing backups and import them automatically

Import guest file system index data to the catalog

< Previous
Apply
Finish
Cancel

Ensuite une install ce réalise

Apply
Please wait while backup repository is created and saved in configuration, this may take a few minutes.



Name

Share

Repository

Mount Server

Review

Apply

Summary

Message	Duration
Starting infrastructure item update process	0:00:04
[WIN-A9I4UBIKKJQ] Discovering installed packages	0:00:01
[WIN-A9I4UBIKKJQ] Registering client WIN-A9I4UBIKKJQ for package ...	
[WIN-A9I4UBIKKJQ] Registering client WIN-A9I4UBIKKJQ for package ...	
[WIN-A9I4UBIKKJQ] Registering client WIN-A9I4UBIKKJQ for package ...	
[WIN-A9I4UBIKKJQ] Discovering installed packages	
All required packages have been successfully installed	
Detecting server configuration	
Reconfiguring vPower NFS service	0:00:01
Creating configuration database records for installed packages	
Collecting backup repository info	
Creating database records for repository	0:00:05
Backup repository has been saved successfully	

< Previous
Next >
Finish
Cancel

Un petit résumé et on accepte

Et on accepte ici

Veeam Backup and Replication

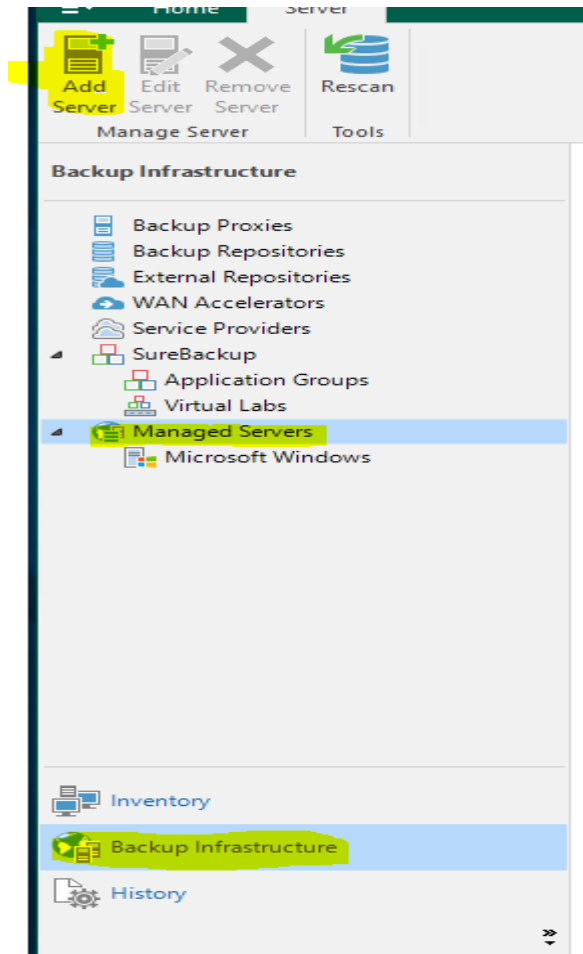


Change the configuration backup location to the newly created repository?

Yes







No

Ensuite on ajoute un serveur à gerer



Ensuite j'ajoute un serveur hyper-v

Add Server
Select the type of a server you want to add to your backup infrastructure. All already registered servers can be found under the Managed Servers node on the Backup Infrastructure tab.

-  **VMware vSphere**
Adds VMware private cloud infrastructure servers to the inventory.
-  **Microsoft Hyper-V**
Adds Microsoft private cloud infrastructure servers to the inventory.
-  **Microsoft Windows**
Adds a Microsoft Windows server to the inventory.
-  **Linux**
Adds a Linux server to the inventory.
-  **Veeam cloud-native backup appliance**
Adds Veeam Backup for AWS, Microsoft Azure or Google Cloud Platform appliance to the inventory.
-  **Kasten K10 backup for Kubernetes**
Connects to an existing Kasten K10 instance.



Microsoft Hyper-V

Select the type of a Microsoft server you want to add to the inventory.



Hyper-V

Adds a SCVMM server, a Hyper-V cluster, or a standalone Hyper-V host to the inventory.




SMB3

Adds an SMB3 server cluster, or standalone SMB3 server.

On ajoute l'IP


New Hyper-V Server ×

 **Name**
Specify DNS name or IP address of Microsoft Hyper-V server.

Name	DNS name or IP address: <input type="text" value="192.168.1.210"/>
Type	Description: Created by WIN-A9I4UBIKKJQ\Administrateur at 19/11/2023 13:59.
Credentials	
Review	
Apply	
Summary	

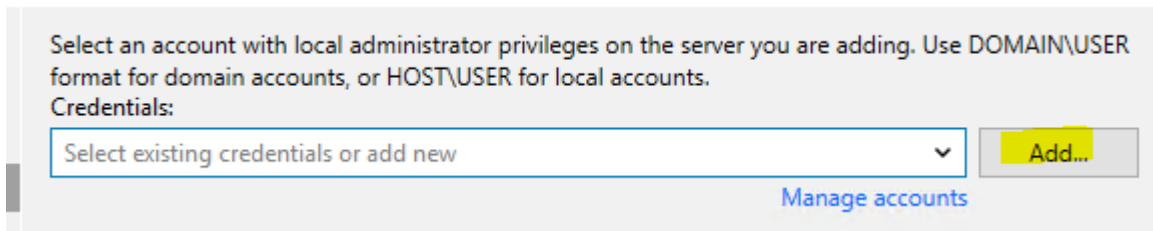
Ce n'est pas un cluster mais un hyper-V seul

New Hyper-V Server ×

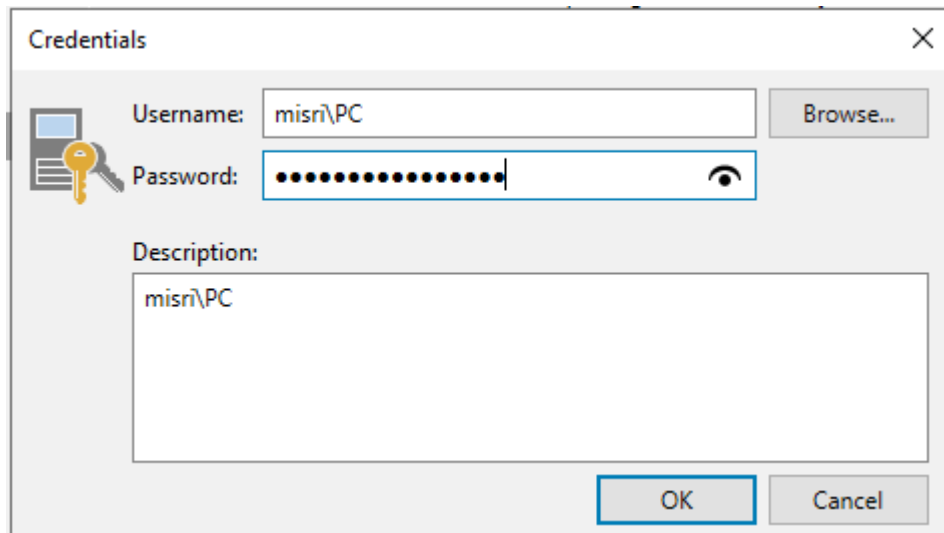
 **Type**
Select the type of server you want to add.

Name	<input type="radio"/> Microsoft System Center Virtual Machine Manager (SCVMM) If you are using SCVMM to manage your Hyper-V infrastructure, we can pull all Hyper-V hosts and clusters information from SCVMM, and add them to managed servers automatically.
Type	<input type="radio"/> Microsoft Hyper-V cluster Use this option to register Hyper-V cluster that is not managed by SCVMM. Registering Hyper-V cluster instead of individual cluster nodes provides for Live Migration awareness.
Credentials	<input checked="" type="radio"/> Microsoft Hyper-V server (standalone) Use this option to register standalone Hyper-V server that is not a part of a cluster, and not managed by SCVMM.
Review	
Apply	
Summary	

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

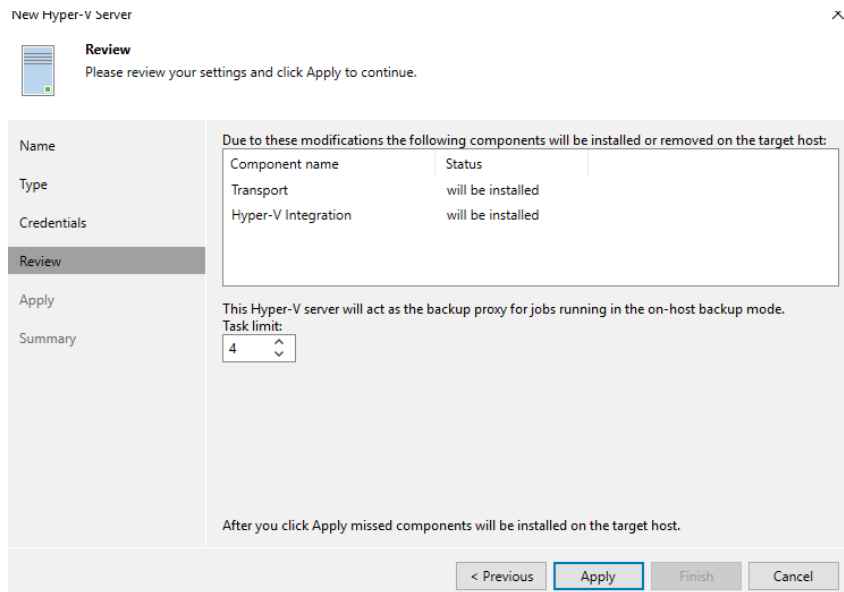
Pour un Hyper-V il y'a un point crucial ou il faut faire attention il faut le rôle hyper-V server installé sur le windows server, sur un simple client sous windows 10 sa ne fonctionne pas

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.

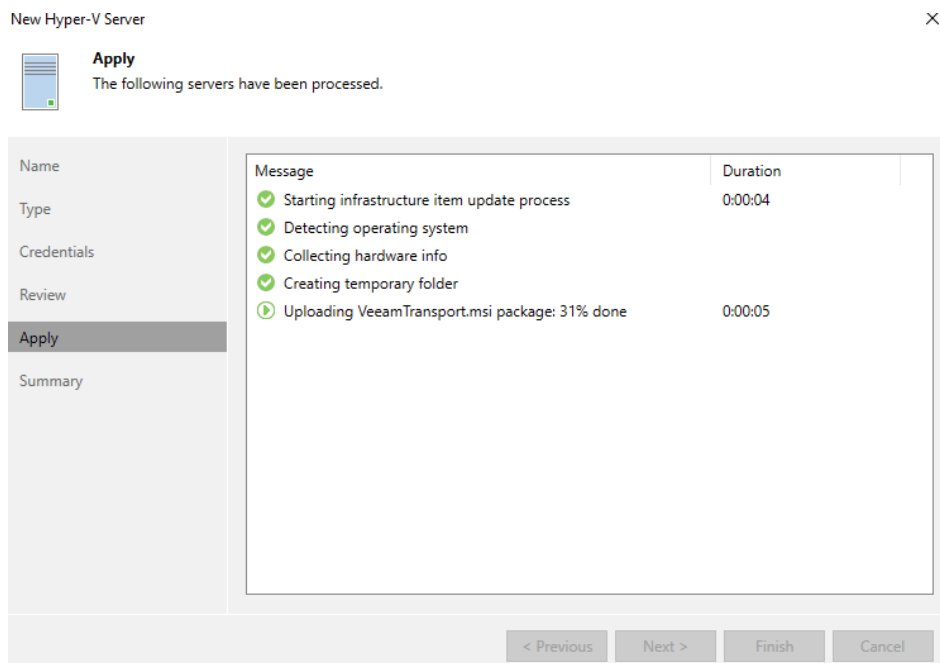
J'ai crée un user « admin » j'ai modifié le nom de la machine pour l'appeler « hyper-v »

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



Ici une fois l'host valider, Veeam 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.

New Hyper-V Server



Summary

You can copy the configuration information below for future reference.

Name	Summary: Microsoft Hyper-V server 'hyperv.Sadek.info' was successfully saved. OS version: Microsoft Windows Server 2019 Standard 64 bits (10.0.17763 build:17763). User: hyperv\admin Hardware info: Chassis type: Virtual (Hyper-V) Cores count: 1 Components: Hyper-V Integration using port 6163 Installer using port 6160 Transport using port 6162
Type	
Credentials	
Review	
Apply	
Summary	

< Previous Next > **Finish** Cancel

Ensuite on voit la machine dans nos hosts

Name	Type	Description
192.168.1.210	Microsoft Windows server	Created by WIN-A9I4UBIKKJQ\Administrateur at 1...
hyperv.Sadek.info	Microsoft Hyper-V server	Created by WIN-A9I4UBIKKJQ\Administrateur at 2...
WIN-A9I4UBIKKJQ	Microsoft Windows server	Backup server

Backup d'une VM windows server 2012

Remarque

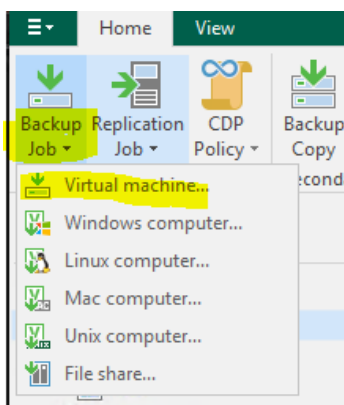
J'ai remarqué que lorsque j'installe Veeam Backup sur windows server 2012 R2, tout fonctionne correctement bien sur en suivant le process plus haut pour l'ajout d'un hôte hyper-V.

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

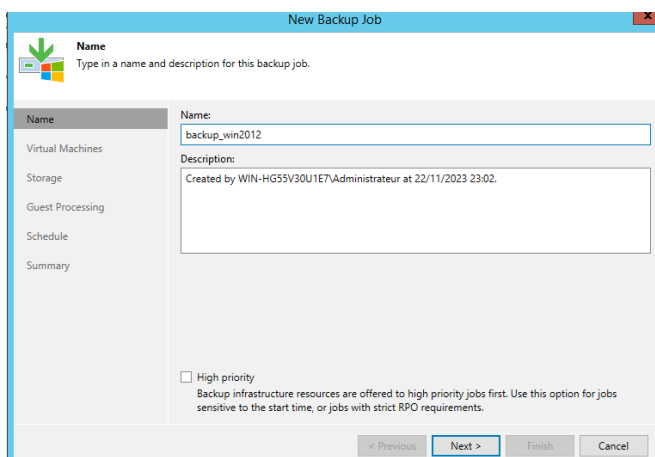
Mise en place

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.

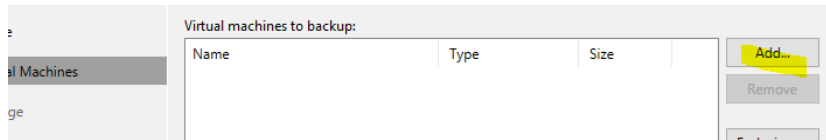


On le nomme, une description si besoin.

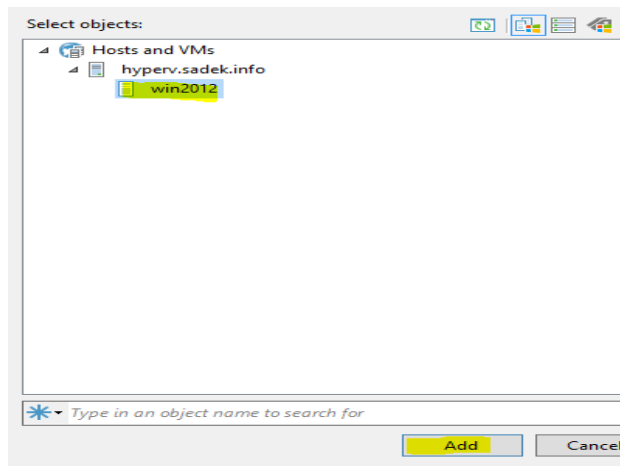


Ensuite cliquez sur « Add »

changes as you add new VMs into the container.

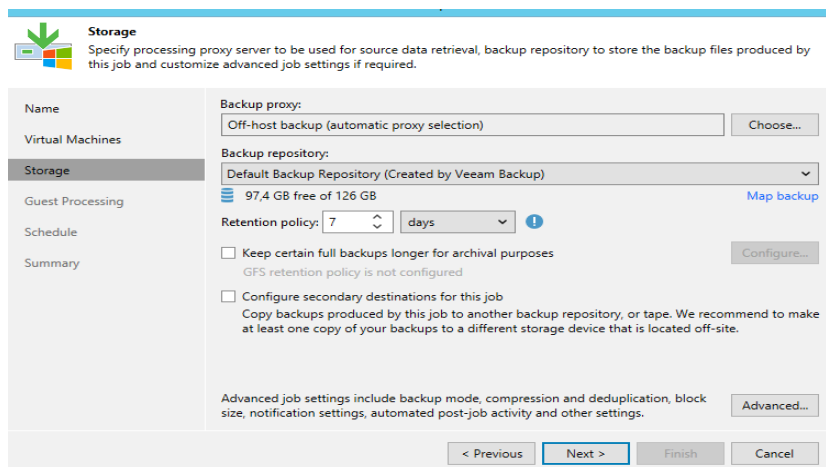


Sélectionnez la machine que vous souhaitez sauvegarder.



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.

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
Creates catalog of guest files to enable browsing, searching and 1-click restores of individual files. Indexing is optional, and is not required to perform instant file level recoveries.
Customize advanced guest file system indexing options for individual machines [Indexing...](#)

Guest OS credentials:
Select existing credentials or add new [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

Tout les jours à 22h.

Schedule
Specify the job scheduling options. If you do not set the schedule, the job will need to be controlled manually.

Name

Virtual Machines

Storage

Guest Processing

Schedule

Summary

Run the job automatically

Daily at this time: 22:00 Everyday [Days...](#)

Monthly at this time: 22:00 Fourth Saturday [Months...](#)

Periodically every: 1 Hours [Schedule...](#)

After this job: [Schedule...](#)

Automatic retry

Retry failed items processing: 3 times
Wait before each retry attempt for: 10 minutes

Backup window

Terminate the job outside of the allowed backup window
Long running or accidentally started jobs will be terminated to prevent impact on your production infrastructure during busy hours. [Window...](#)

< Previous Apply Finish Cancel

Summary
You have successfully created the new backup job.

Name	Summary:
Virtual Machines	Name: backup_win2012
Storage	Target Path: C:\Backup
Guest Processing	Type: Hyper-V Backup
Schedule	Source items: win2012 (hyperv.sadek.info)
Summary	Target repository: Default Backup Repository Target repository host: WIN-HG55V30U1E7 Target repository path: C:\Backup
	PowerShell cmdlet for starting the job: Get-VBRJob -Name "backup_win2012" Start-VBRJob

Run the job when I click Finish

< Previous Next > **Finish** Cancel

Start Stop Retry Active Full Statistics Report Edit Disable Delete

Job Control Details Manage Job

Home

Q Type in an object name to search for

Name	Type	Objects	Status	Last Run	Last Result	Next Run	Target	Description
backup_win2012	Hyper-V Backup	1	6% completed at...	9 minutes ago		23/11/2023 22:00	Default Backup Repository	Created by WIN-HG55V30U1E7\Administrateur at 22/11/...

Job progress: 6% 0 of 1 VMs

SUMMARY	DATA	STATUS	THROUGHPUT (LAST 5 MIN)
Duration: 09:36	Processed: 7,2 GB (6%)	Success: 0	
Processing rate: 15 MB/s	Read: 7,2 GB	Warnings: 0	
Bottleneck: Target	Transferred: 4,6 GB (1,6x)	Errors: 0	

Name	Status	Action	Duration
	Success	Job started at 22/11/2023 23:04:41	
	Success	Building list of machines to process	00:06
	Success	VM size: 127 GB (9,3 GB used)	
	Success	Changed block tracking is enabled	
	Success	Processing win2012	09:19

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

Résultat

The screenshot displays the Veeam Backup & Replication interface. The main window shows a list of jobs with the following details:

Job Name	Session Type	Status	Start Time	End Time
backup_win2012 (Full)	Backup	Success	22/11/2023 23:04	22/11/2023 23:15

Below the job list, a summary and detailed status are provided:

SUMMARY
Duration: 10:48
Processing rate: 16 MB/s
Bottleneck: Target

DATA
Processed: 9,3 GB (100%)
Read: 8,4 GB
Transferred: 5,5 GB (1,5x)

STATUS
Success: 1 ✓
Warnings: 0
Errors: 0

THROUGHPUT (ALL TIME)
Speed: 37 MB/s

Job Details:

Name	Status	Action	Duration
win2012	Success	Hard disk 1 (127 GB) 8,4 GB read at 16 MB/s [CBT] Finalizing Swap file blocks skipped: 63 MB Deleted file blocks skipped: 644 MB Busy: Source 0% > Proxy 5% > Network 0% > Target 93% Primary bottleneck: Target Network traffic verification detected no corrupted blocks Processing finished at 22/11/2023 23:15:22	08:59 00:01

Restauration

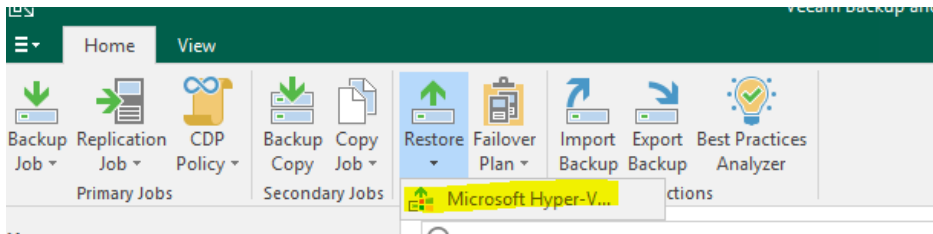
Nous allons supprimer la VM et la restaurer.

Suppression :

Ordinateurs virtuels				
Nom	État	Utilisation d...	Mémoire affectée	Ter
Aucun ordinateur virtuel détecté sur ce serveur.				

Sur veeam :

Je retourne dans « Home » et je clique sur restore





Je selectionne hyper-v

Je restaure depuis un backup

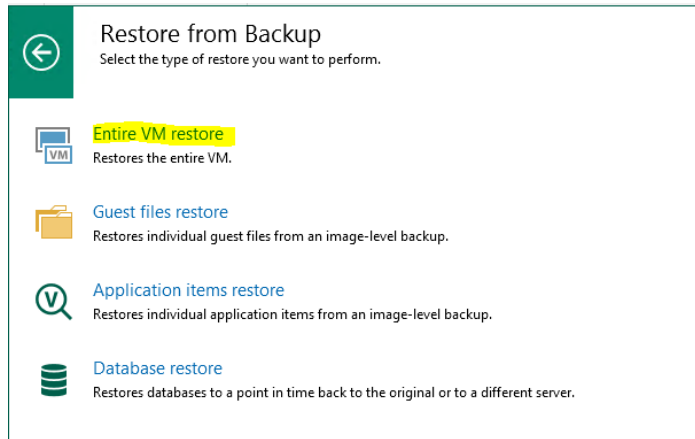
Restore

Choose whether you want to restore from backup or replica.

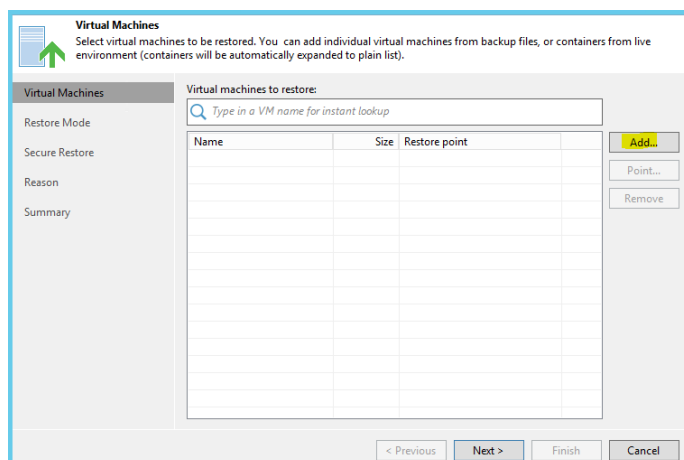
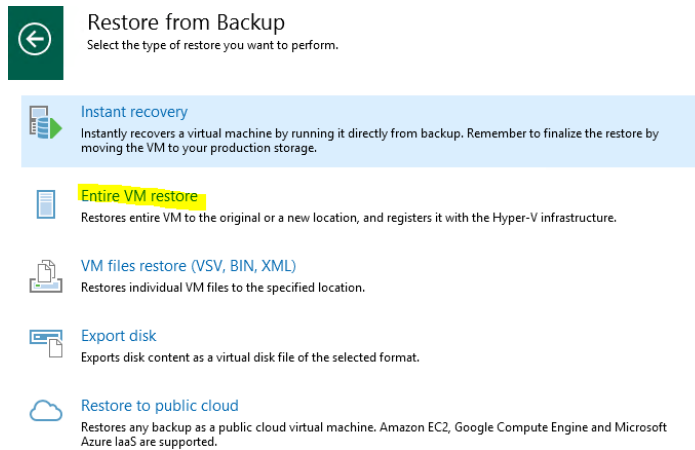
 **Restore from backup**
Performs restore from a backup file.

 **Restore from replica**
Performs restore from a replica VM.

Je fais une restauration complète de la VM

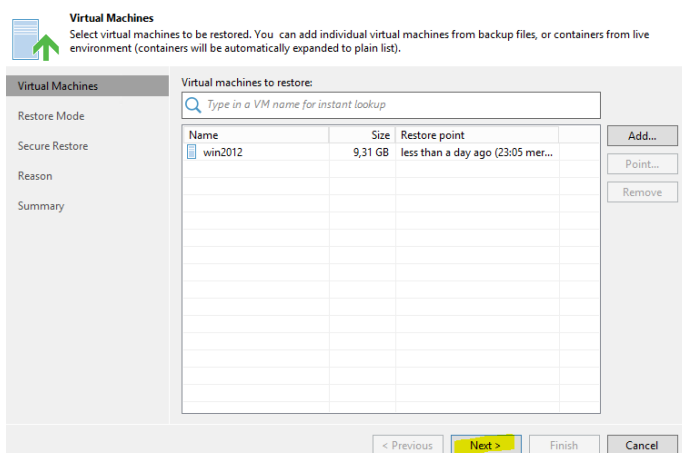
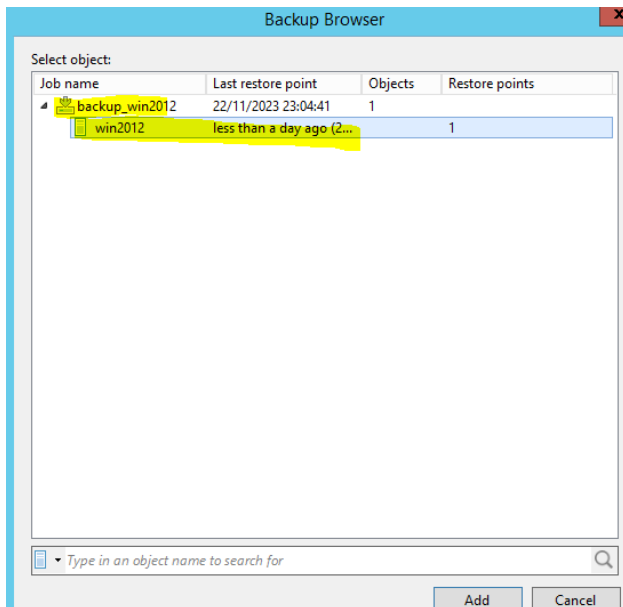


Je restaure entièrement la VM.

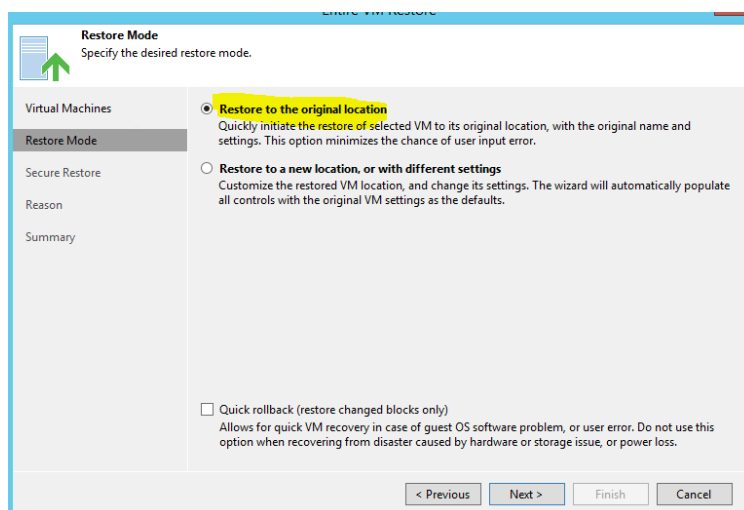


On fait ensuite from backup

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

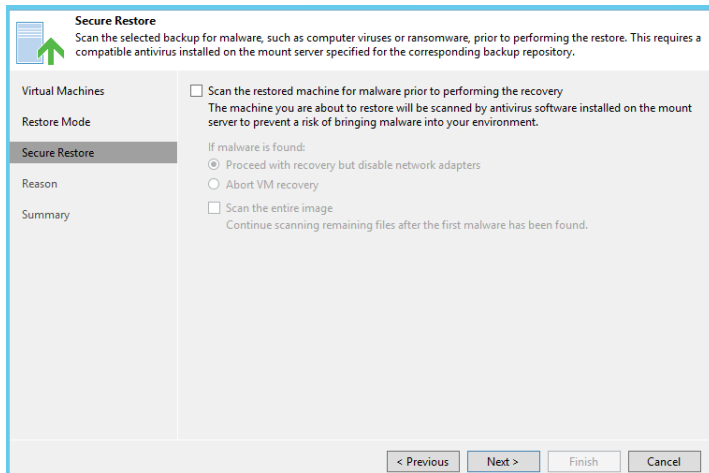


On peut soit restaurer au même endroit ou un nouvel endroit avec de nouveaux paramètres au niveau réseau emplacement etc.



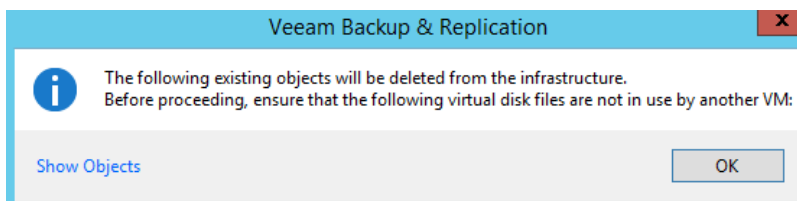
On peut aussi demander à Veeam de scanner la VM pour vérifier qu'il n'ya pas de malware dedans.

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

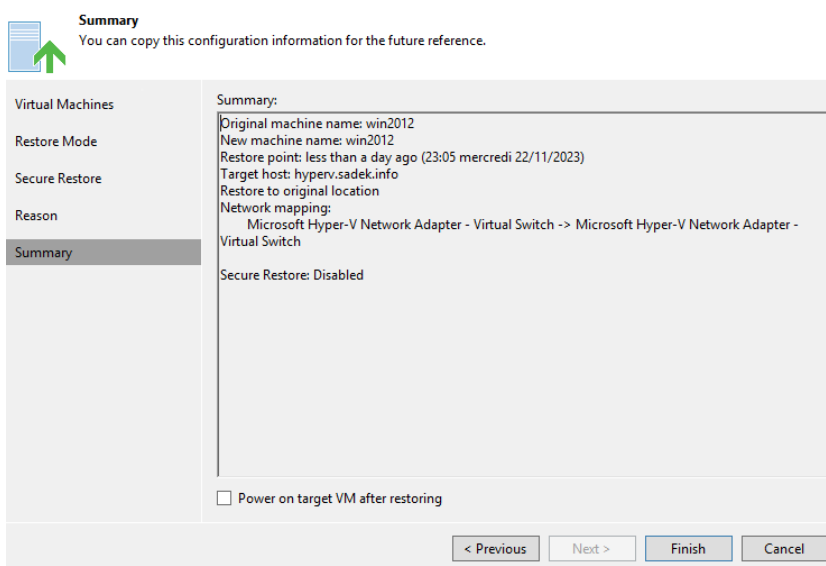


On peut donner une raison

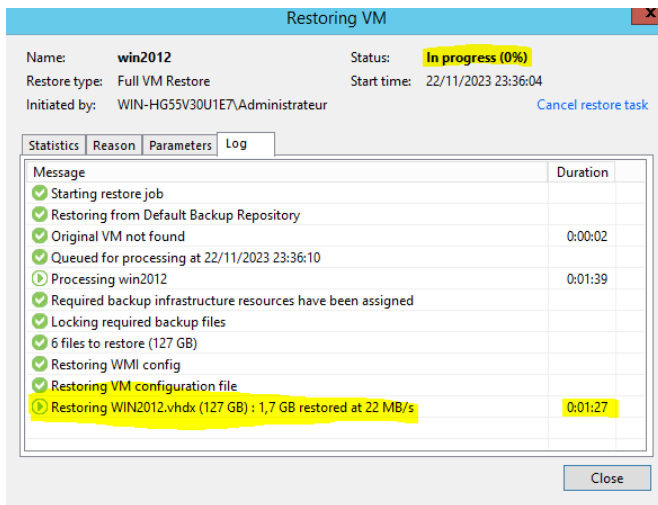
La VM sera supprimer si elle existe



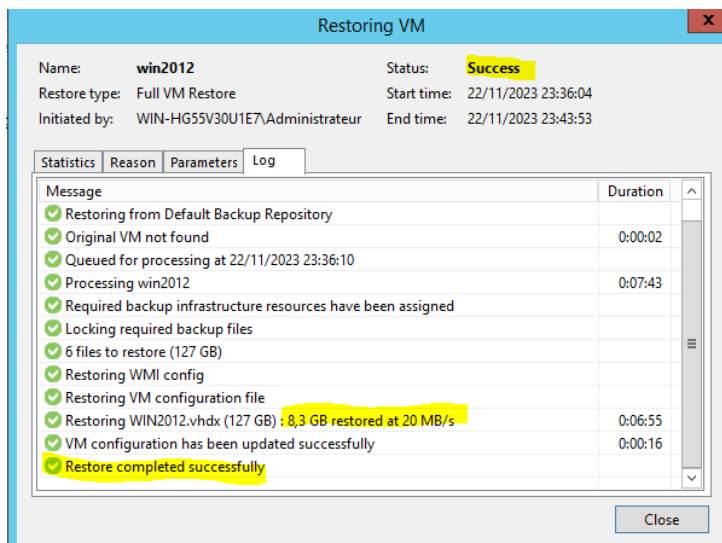
Un petit resumé



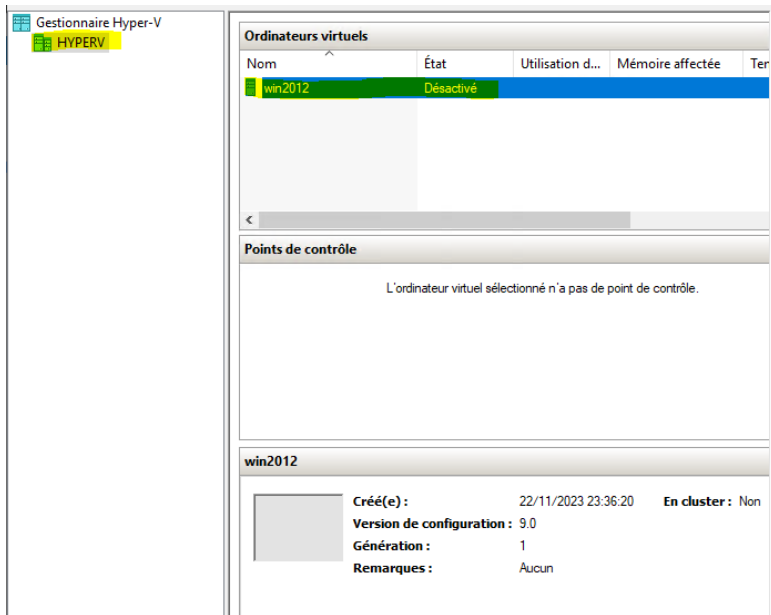
La restauration s'effectue je patiente maintenant.



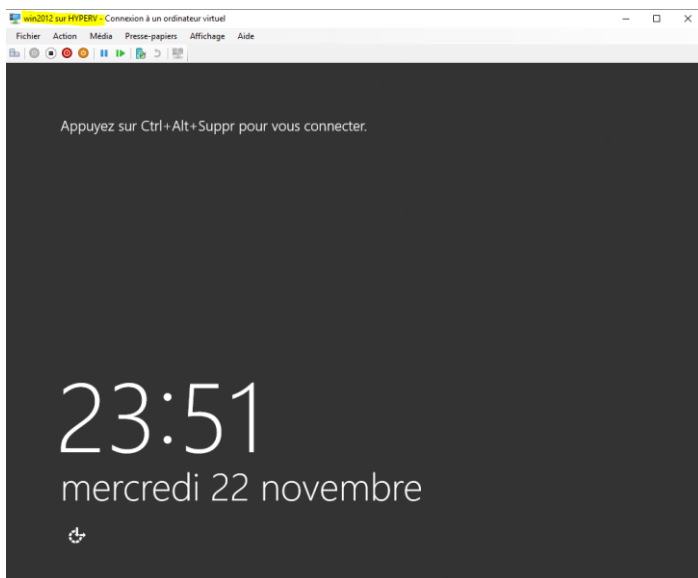
La restauration est terminée on voit que comme je n'utilise que 8GO sur 127 seulement 8GO ont été restaurée donc les plus importants



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



Storage

Specify a backup repository to store the backup files produced by the backup job and customize advanced job settings if required.

Job Mode	Backup repository:
Name	Disque X backup (Created by VEEAM-LAB\Administrateur at 25/01/2024 09:48.)
Computers	493,1 GB free of 499,9 GB Map backup
Backup Mode	Retention policy: 7 days
Storage	<input type="checkbox"/> Keep certain full backups longer for archival purposes Configure... GFS retention policy is not configured
Guest Processing	<input type="checkbox"/> 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.
Schedule	
Summary	
Advanced job settings include backup mode, compression and deduplication, block size, notification settings, automated post-job activity and other settings. Advanced...	



Guest Processing

Choose application processing options.

Job Mode	<input checked="" type="checkbox"/> 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...
Name	
Computers	
Backup Mode	<input type="checkbox"/> 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...
Storage	
Guest Processing	
Schedule	
Summary	
< Previous Next > Finish Cancel	



Schedule

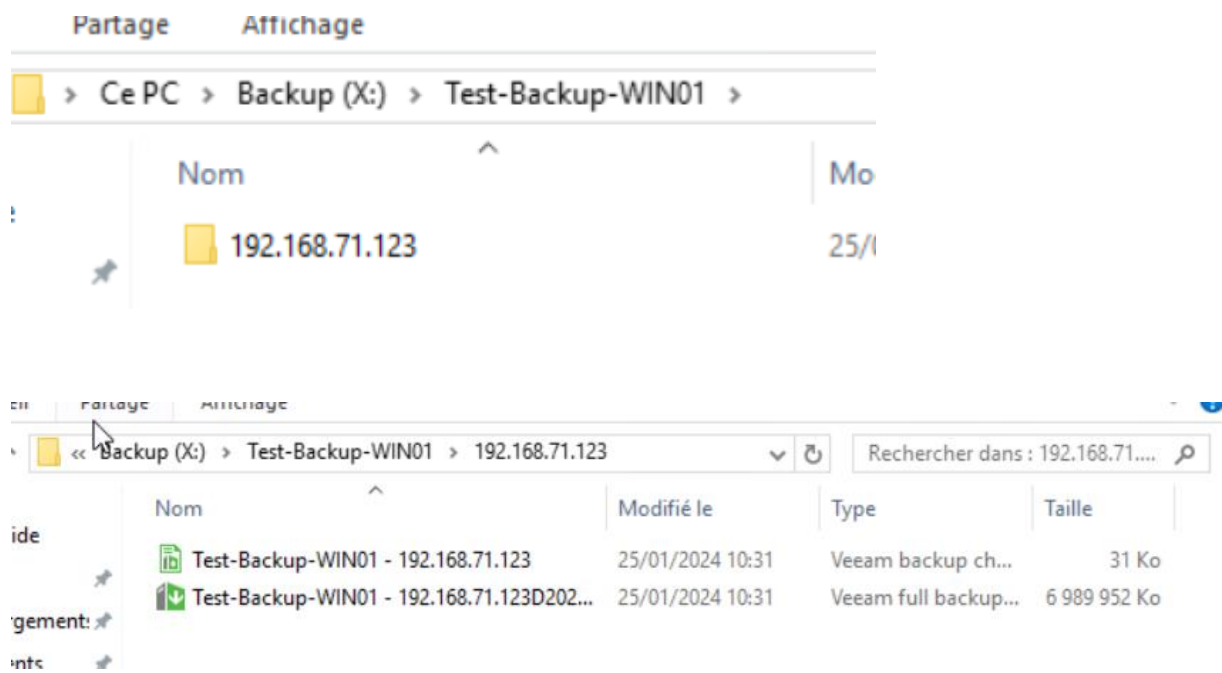
Specify the scheduling options. If you do not set the schedule, the job will need to be controlled manually.

Job Mode	<input checked="" type="checkbox"/> Run the job automatically
Name	<input checked="" type="radio"/> Daily at this time: 22:00 <input type="text"/> Everyday <input type="button" value="Days..."/>
Computers	<input type="radio"/> Monthly at this time: 22:00 <input type="text"/> Fourth <input type="text"/> samedi <input type="button" value="Months..."/>
Backup Mode	<input type="radio"/> Periodically every: 1 <input type="text"/> Hours <input type="button" value="Schedule..."/>
Storage	<input type="radio"/> After this job: Test-Backup-WIN01 (Created by VEEAM-LAB\Administrateur at 25/01/2024 <input type="text"/>
Guest Processing	Automatic retry <input checked="" type="checkbox"/> Retry failed items processing: 3 <input type="text"/> times Wait before each retry attempt for: 10 <input type="text"/> minutes
Schedule	Backup window <input type="checkbox"/> Terminate job outside of the backup window <input type="button" value="Window..."/> Prevent long-running or accidentally started job from impacting your production infrastructure during the busy hours.
Summary	

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

SUMMARY		DATA		STATUS	
Duration:	11:51	Processed:	11,9 GB (100%)	Success:	1
Processing rate:	1 GB/s	Read:	10,4 GB	Warnings:	0
Bottleneck:	Source	Transferred:	6,2 GB (1,7x)	Errors:	0

Name	Status	Action	Duration
CLI-VEEAM-01.veeam...	Success	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	



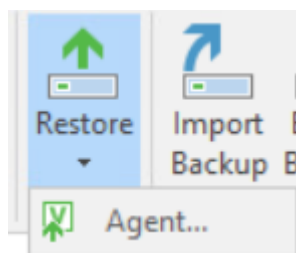
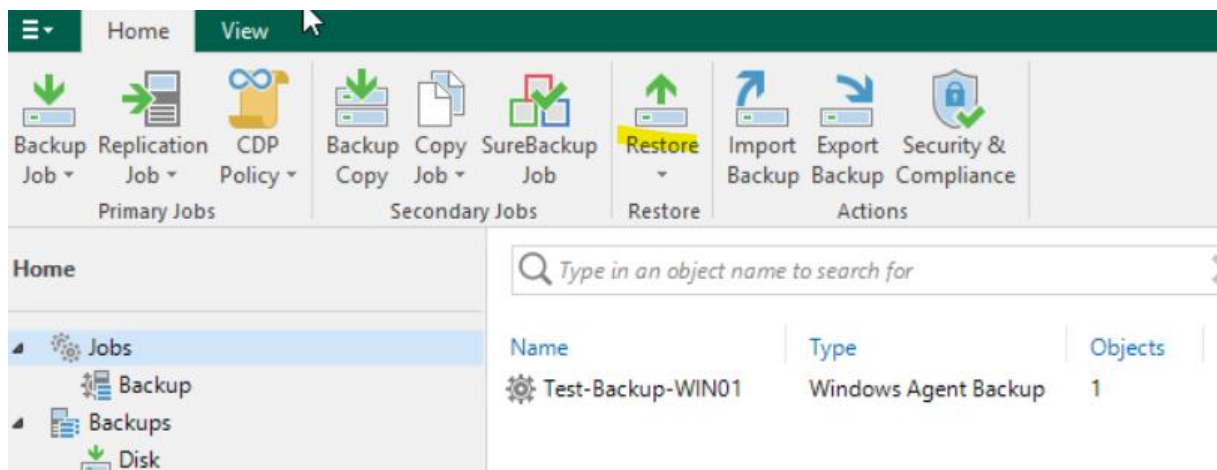
Sur ma machine CLIENTE je vais créer une flotte de fichiers et formater disque et descendre un backup



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


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

Data size: 11,8 GB

Available restore points:


Created	Type
 less than a day ago (11:39 jeudi 25/01/2024)	Increment
 less than a day ago (10:23 jeudi 25/01/2024)	Full




Please wait

 Rescanning the host...

Destination host:

CLI-VEEAM-01.veeam-lab.fr Choose...

Disk mapping: 

Volume	Layout	Type	Capacity	Restore layout
Disk 0				
<input type="checkbox"/>  Récupération	Simple	Basic	450 MB	
<input type="checkbox"/>  EFI system partition			99 MB	
<input type="checkbox"/>  (C:)	Simple	Basic	47,4 GB	

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



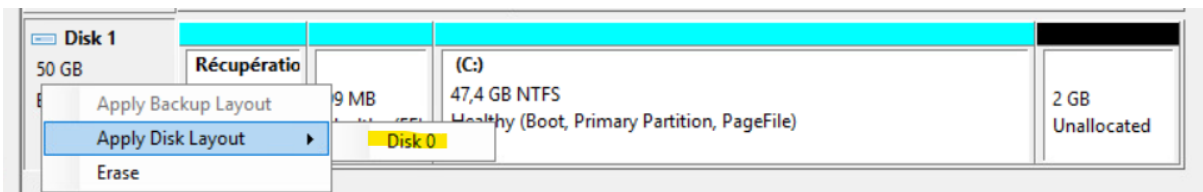
System volumes cannot be restored to the original location on a live system. Do you want to restore them to a different disk?

Il faut choisir le second disque

Map volumes from the backup to available disks. You can manage disk layout, volumes or unallocated space by right-clicking the corresponding object and selecting a required operation from the shortcut menu. If you don't see some of your disks, you may need to load a driver for your hardware RAID controller.


Disks:




<input type="checkbox"/> Disk 0 48 GB Basic	Récupération 450 MB NTFS Healthy (Recovery)	99 MB Healthy (EFI parti)	(C:) 47,4 GB NTFS Healthy (Boot, Primary Partition, PageFile)
<input checked="" type="checkbox"/> Disk 1 50 GB Basic	backup (E:) 49,9 GB NTFS Healthy (Primary Partition)		



Ensuite next

Destination host:

Disk mapping: 

Volume	Layout	Type	Capacity	Restore layout
Disk 0				
<input checked="" type="checkbox"/>  Récupération	Simple	Basic	450 MB	Automatic
<input checked="" type="checkbox"/>  EFI system partition			99 MB	Automatic
<input checked="" type="checkbox"/>  (C:)	Simple	Basic	47,4 GB	Automatic

These disk mapping rules can be customized (for advanced users only) [Customize disk mapping](#)

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

Restore Session



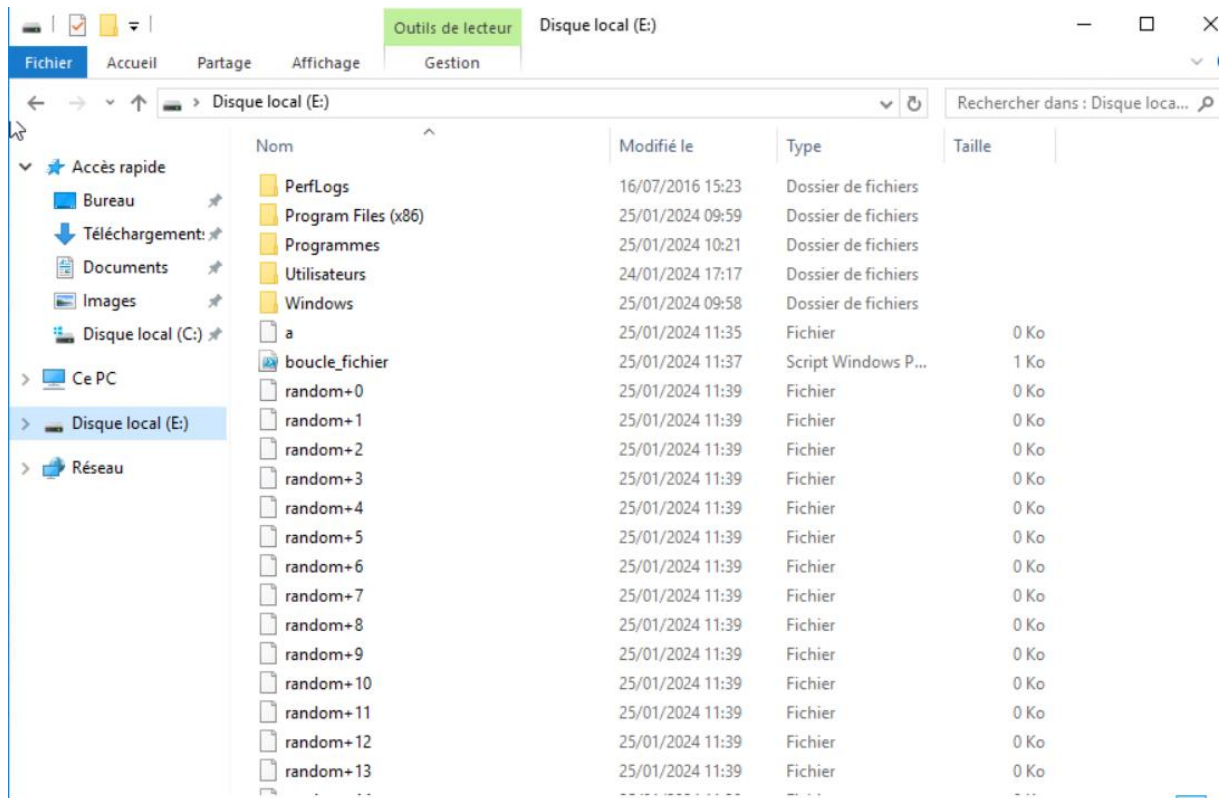
Name: **EndpointRestore CLI-VEEAM-01....** Status: **Success**
Restore type: Volume Restore Start time: 25/01/2024 12:08:41
Initiated by: VEEAM-LAB\Administrateur End time: 25/01/2024 12:12:47

Reason Parameters Log

Message	Duration
✔ Starting restore job	
✔ Loading backup files	
✔ Restore process started at 25/01/2024 12:09:12	
✔ Required backup infrastructure resources have been assigned	
✔ Updating disk partition structure	0:00:28
✔ Restoring Récupération (450,0 MB): 450,0 MB restored at 165 MB/s (100% done)	0:00:03
✔ Restoring EFI system partition (99,0 MB): 99,0 MB restored at 83 MB/s (100% done)	0:00:01
✔ Restoring (C:) (47,4 GB): 47,4 GB restored at 421 MB/s (100% done)	0:01:55
✔ Restore process finished at 25/01/2024 12:11:51	
✔ Restore completed	

Close

Voilà 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.





Job Mode

Specify protected computer type and backup agent management mode.

Job Mode	Type:
Name	<input checked="" type="radio"/> Workstation
Computers	<input type="radio"/> Server
Backup Mode	<input type="radio"/> Failover cluster
Destination	Mode:
Local Storage	<input type="radio"/> Managed by backup server
Schedule	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.
Summary	<input checked="" type="radio"/> 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.

**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	Protected computers:	<table border="1"><thead><tr><th>Name</th><th>Type</th></tr></thead><tbody><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></tbody></table>	Name	Type													Add...
Name			Type														
Name	Remove																
Computers	↑ Up																
Backup Mode	↓ Down																
Destination																	
Local Storage																	
Schedule																	

Add Computer


Host name or IP address:

Credentials:

Add...[Manage accounts](#)**OK****Cancel**

New Agent Backup Job ✕

Backup Mode
Choose what data you want to back up from selected computers.




Job Mode	<input checked="" type="radio"/> Entire computer Back up entire computer image for fast recovery on any level. Deleted, temporary and page files are automatically excluded from the image to reduce the backup size. <input type="checkbox"/> Include external USB drives
Name	
Computers	
Backup Mode	<input type="radio"/> Volume level backup Back up images of specified volumes, for example only data volumes. Deleted, temporary and page files are automatically excluded from the image to reduce the backup size.
Destination	
Local Storage	
Schedule	
Summary	<input type="radio"/> File level backup (slower) Back up selected files and directories only. This mode still produces an image-based backup, but only with protected file system objects included in the image.

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

New Agent Backup Job ✕

Destination
Choose where you want to backup data to.



Job Mode	<input type="radio"/> Local storage Choose this option to back up to a locally attached storage device such as USB, Firewire or eSATA external hard drive. Backing up to internal hard drives is not recommended.
Name	
Computers	
Backup Mode	
Destination	<input checked="" type="radio"/> Veeam backup repository Choose this option to back up to a backup repository managed by Veeam Backup & Replication server.
Backup Server	<input type="radio"/> Veeam Cloud Connect repository Choose this option to back up to a cloud repository managed by Veeam Cloud Connect service provider.
Storage	
Backup Cache	
Schedule	
Summary	

**Backup Server**

Specify Veeam Backup & Replication management server connection parameters.

Job Mode	DNS name or external IP address:
Name	<input type="text" value="srv-veeam.veeam-lab.fr"/>
Computers	The specified DNS name must resolve to the external IP address of your backup server, as remote backup agents need to be able to establish network connection to this endpoint.
Backup Mode	
Destination	
Backup Server	
Storage	

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 ?

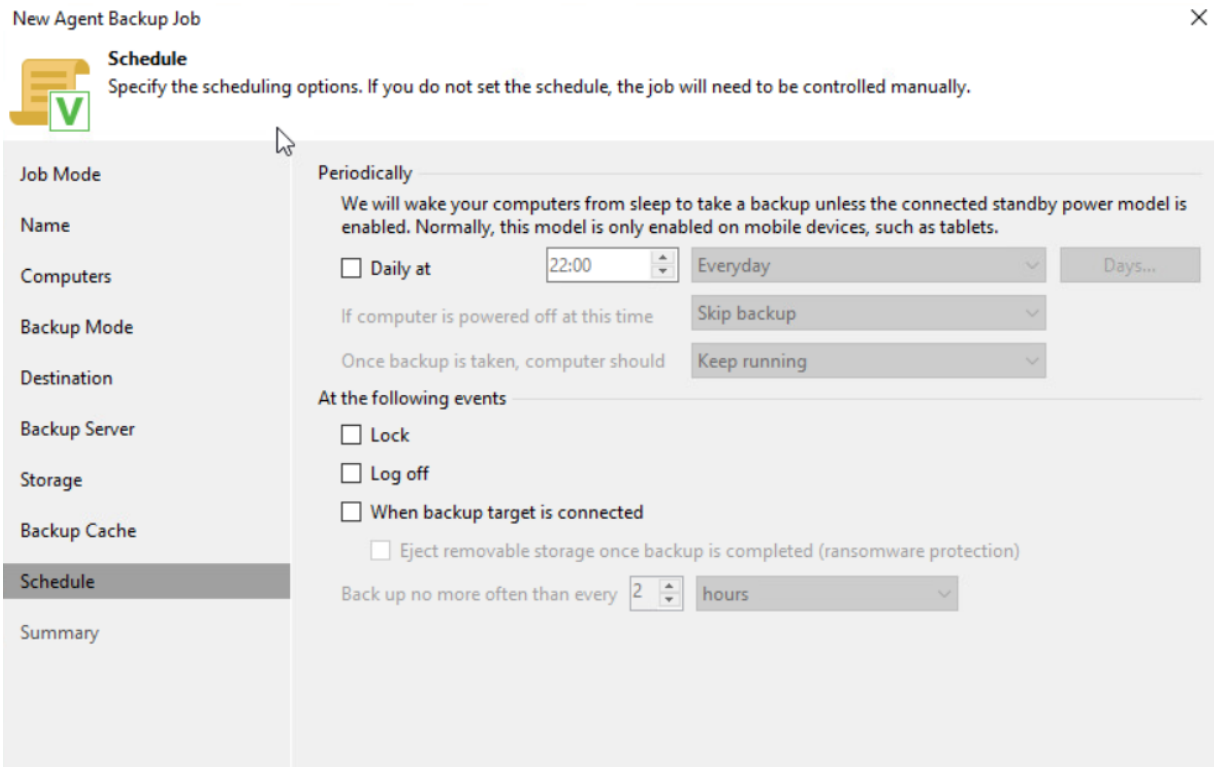
Mon approche sera un serveur dans l'infra et backup pendant pause déjeuner et ceux en TT devront laisser leur vpn actif vu que c'est de l'incremental rien de bien lourd sera backupper

**Storage**

Specify a backup repository to store the backup files produced by the backup job and customize advanced job settings if required.

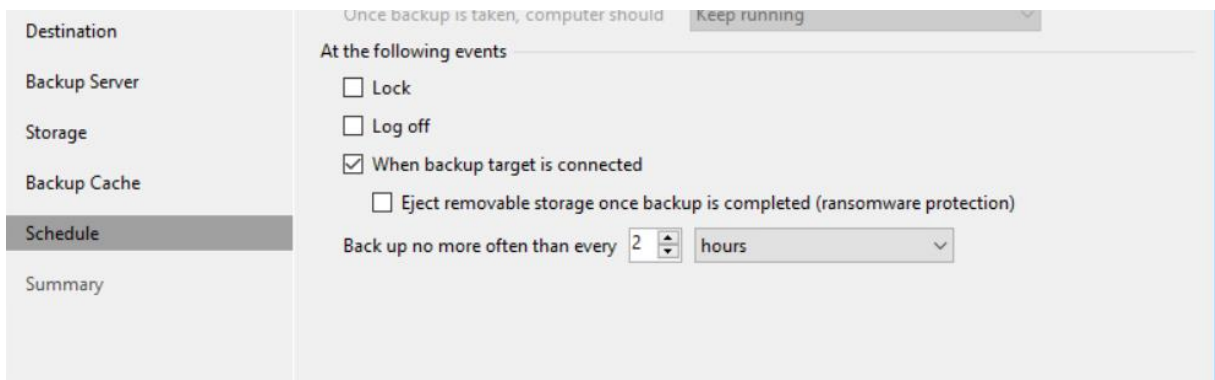
Job Mode	Backup repository:
Name	Disque X backup (Created by VEEAM-LAB\Administrateur at 25/01/2024 09:48.)
Computers	471,4 GB free of 499,9 GB
Backup Mode	Keep backups for: 7 days (excluding days with no backup)
Destination	<input type="checkbox"/> Keep certain full backups longer for archival purposes Configure...
Backup Server	GFS retention policy is not configured
Storage	<input type="checkbox"/> Configure secondary destinations for this job
Backup Cache	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.
Schedule	
Summary	
	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

Je n'utiliserai pas de backup cache

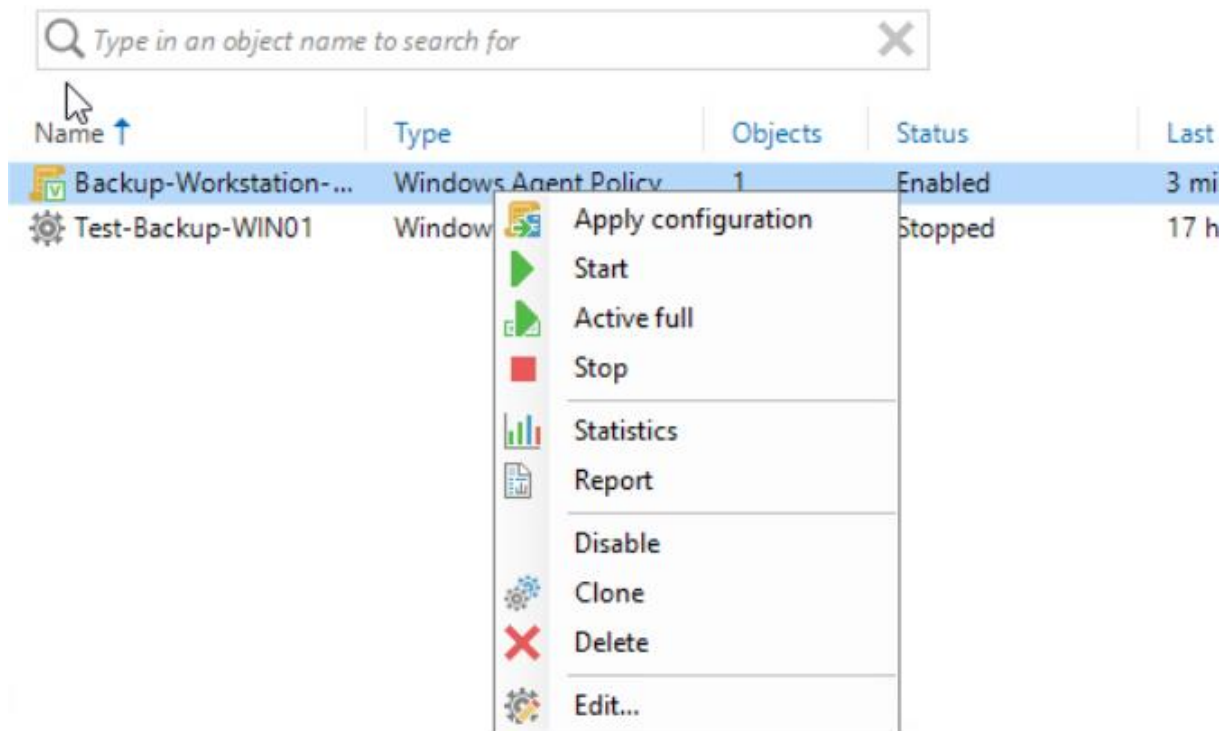


On peut soit faire de manière périodique ou à certains évènements

Pour essayer je vais activer lorsque la backup target est connectée



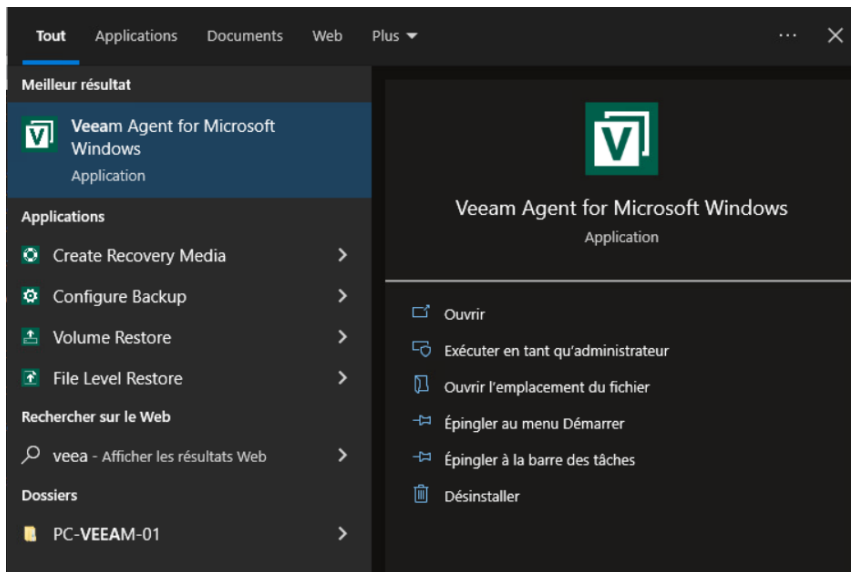
Voilà ensuite le backup est créé



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

Job Name	Session Type	Status	Start Time ↓	End Time
Backup-Workstation-AD - DE...	Windows Agent...	Success	30/01/2024 15:25	30/01/2024 15:33
Backup-Workstation-AD	Windows Agent...	Success	30/01/2024 15:25	30/01/2024 15:25

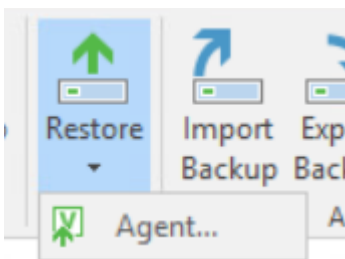
Sur le client windows on peut voir qu'automatiquement ce sont installés différents outils veeam.



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

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.



Guest Files

Select the operating system of the machine you're restoring from.

-  **Microsoft Windows**
Restores guest files from Veeam Agent backup of a Microsoft Windows-based machine.
-  **Linux and other**
Restores guest files from Veeam Agent backup of a Linux, Micro Focus OES (Novell), Solaris, Unix, BSD or MacOS based machine.

✕

Machine:

Job name	Last restore point	Objects	Restore points
Backup-Workstation-AD	30/01/2024 16:04:46	1	
DESKTOP-RFK116C.veeam-lab.fr	less than a day ago (1...		2
Job-Workstation	30/01/2024 14:19:48	1	
Test-Backup-WIN01	29/01/2024 22:00:36	1	

Je choisis mon hôte avec son backup

Je choisis le plus récent

VM name: **DESKTOP-RFK116C.veeam-lab.fr** Original host: **srv-veeam.veeam-lab.fr**

VM size: **20,3 GB**

Available restore points:

Created	Type	Backup
less than a day ago (16:05 mardi 30/01/2024)	Increment	Backup-Workstation-AD
less than a day ago (15:26 mardi 30/01/2024)	Full	Backup-Workstation-AD

Ensuite cliquer sur « Browse »

Action Compare

DESKTOP-RFK116C.veeam-lab.fr

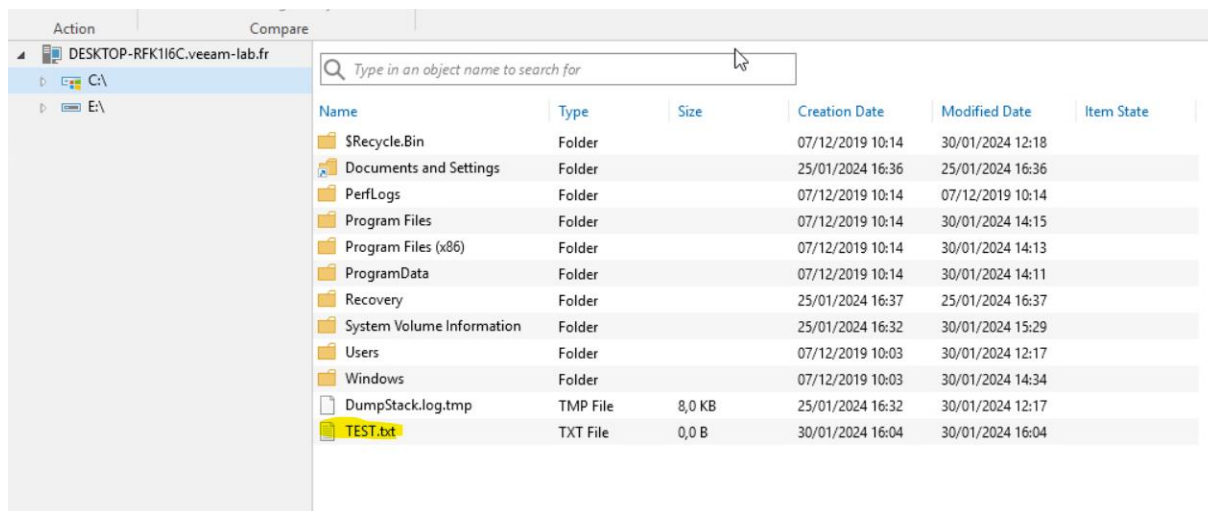
C:\

E:\

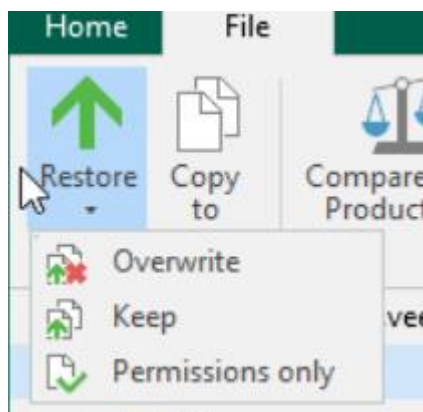
Search: Type in an object name to search for

Name	Type	Size	Creation Date	Modified Date	Item State
\$Recycle.Bin	Folder		07/12/2019 10:14	30/01/2024 12:18	
Documents and Settings	Folder		25/01/2024 16:36	25/01/2024 16:36	
PerfLogs	Folder		07/12/2019 10:14	07/12/2019 10:14	
Program Files	Folder		07/12/2019 10:14	30/01/2024 14:15	
Program Files (x86)	Folder		07/12/2019 10:14	30/01/2024 14:13	
ProgramData	Folder		07/12/2019 10:14	30/01/2024 14:11	
Recovery	Folder		25/01/2024 16:37	25/01/2024 16:37	
System Volume Information	Folder		25/01/2024 16:32	30/01/2024 15:29	
Users	Folder		07/12/2019 10:03	30/01/2024 12:17	
Windows	Folder		07/12/2019 10:03	30/01/2024 14:34	
DumpStack.log.tmp	TMP File	8,0 KB	25/01/2024 16:32	30/01/2024 12:17	
TEST.txt	TXT File	0,0 B	30/01/2024 16:04	30/01/2024 16:04	

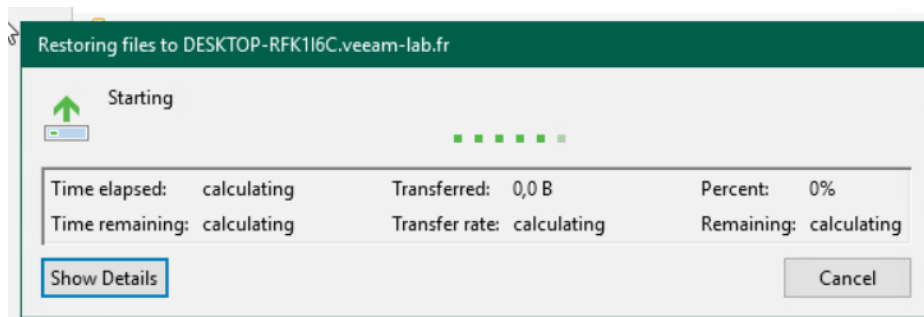
Le fichier que je souhaite restaurer est ici



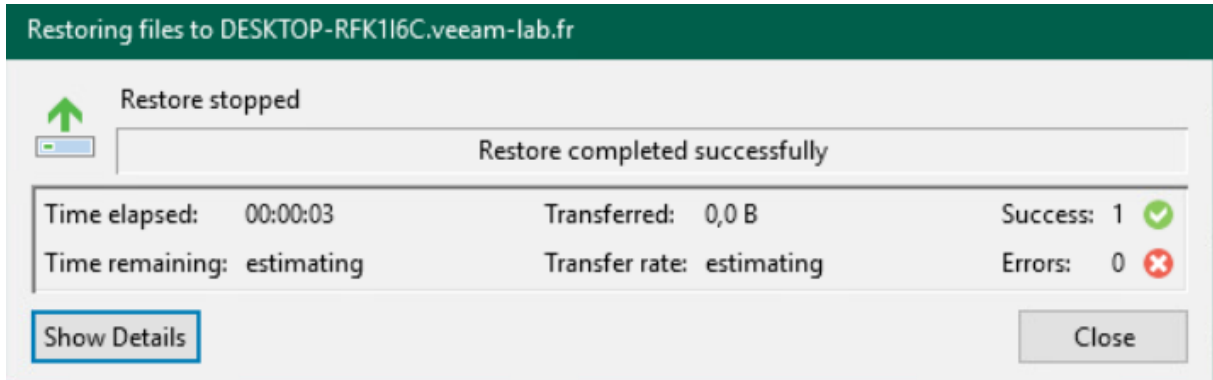
Je le sélectionne ce qui correspond à ma situation



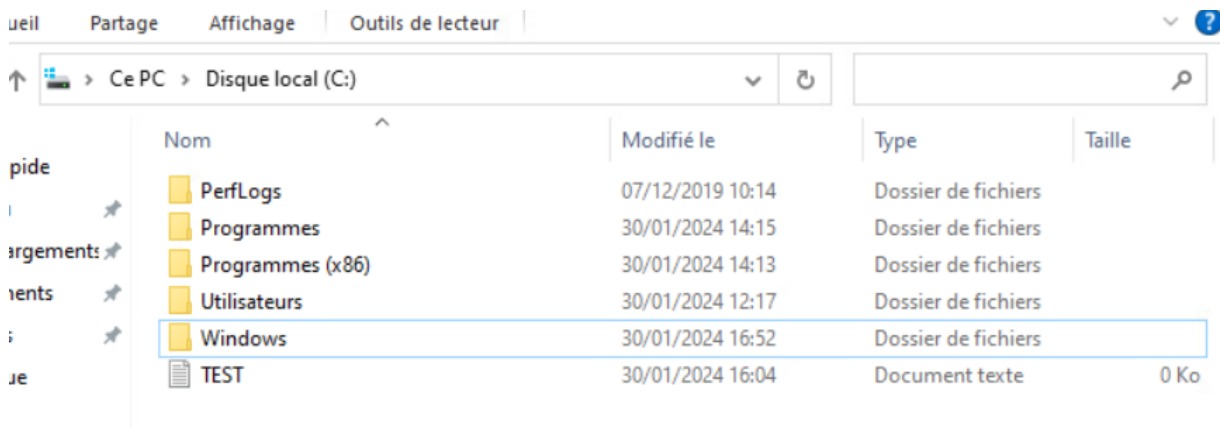
Le transfert ce lance



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



Et voila le fichier supprimé est de retour

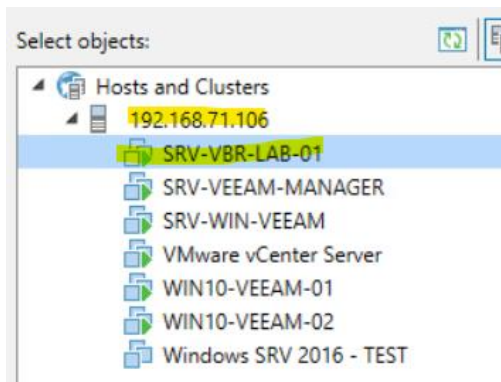
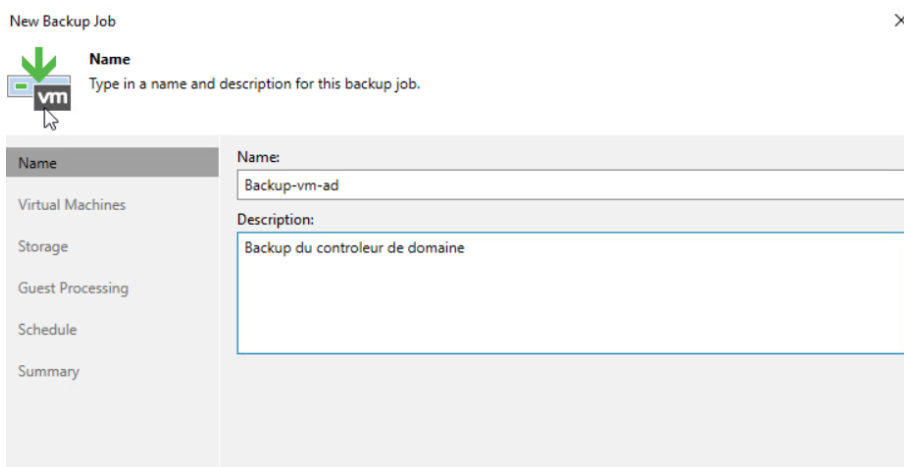
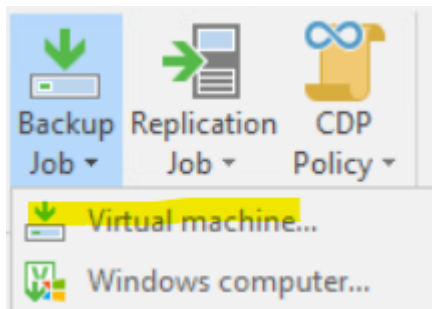


Backup controleur de domaine + objets AD

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



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	Backup proxy: Automatic selection Choose...
Virtual Machines	Backup repository: Disque X backup (Created by VEEAM-LAB\Administrateur at 25/01/2024 09:48) ▼
Storage	460 GB free of 499 GB Map backup
Guest Processing	Retention policy: 7 days !
Schedule	<input type="checkbox"/> Keep certain full backups longer for archival purposes Configure... <small>GFS retention policy is not configured</small>
Summary	<input type="checkbox"/> 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	<input checked="" type="checkbox"/> 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...
Virtual Machines	<input checked="" type="checkbox"/> 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...
Storage	Guest interaction proxy: Automatic selection Choose...
Guest Processing	Guest OS credentials: veeam-lab.fr\Administrateur (veeam-lab.fr\Administrateur, last edited: 13... ▼ Add... Manage accounts
Schedule	Customize guest OS credentials for individual machines and operating systems Credentials...
Summary	Verify network connectivity and credentials for each machine included in the job Test Now
< Previous Next > Finish Cancel	

**Schedule**

Specify the job scheduling options. If you do not set the schedule, the job will need to be controlled manually.

Name	<input checked="" type="checkbox"/> Run the job automatically
Virtual Machines	<input checked="" type="radio"/> Daily at this time: 22:00 <input type="text"/> Everyday <input type="button" value="Days..."/>
Storage	<input type="radio"/> Monthly at this time: 22:00 <input type="text"/> Fourth <input type="text"/> Saturday <input type="button" value="Months..."/>
Guest Processing	<input type="radio"/> Periodically every: 1 <input type="text"/> Hours <input type="button" value="Schedule..."/>
Schedule	<input type="radio"/> After this job: Backup VM WIN-Cliente (Created by VEEAM-LAB\Administrateur at C
Summary	Automatic retry <input checked="" type="checkbox"/> Retry failed items processing: 3 <input type="text"/> times Wait before each retry attempt for: 10 <input type="text"/> minutes
	Backup window <input type="checkbox"/> Terminate the job outside of the allowed backup window <input type="button" value="Window..."/> Long running or accidentally started jobs will be terminated to prevent impact on your production infrastructure during busy hours.
<input type="button" value=" < Previous"/> <input checked="" type="button" value=" Apply"/> <input type="button" value=" Finish"/> <input type="button" value=" Cancel"/>	

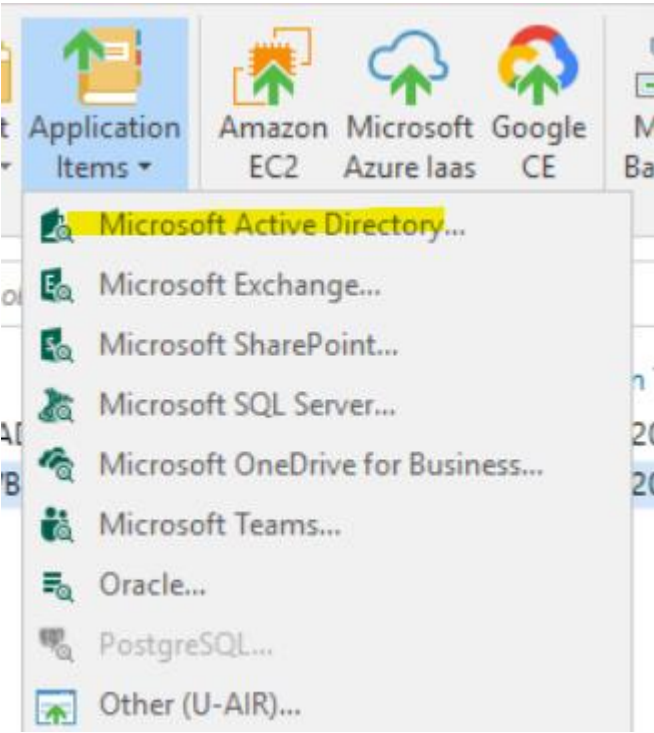
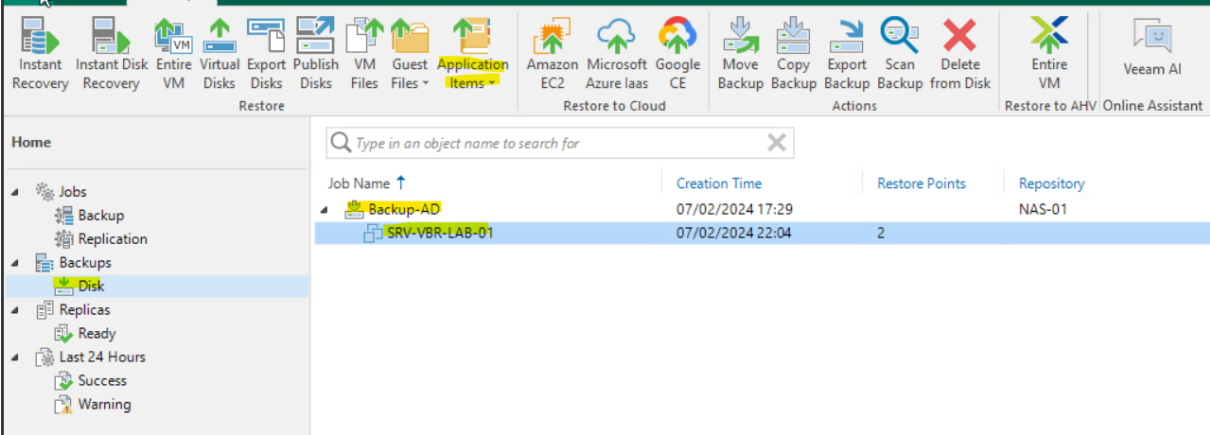
Le job s'exécutera toute les 22h

Ensuite je run le job lorsque j'applique sur finish

Name	Summary: Configuration has been successfully saved. Name: Backup-vm-ad Target Path: X:\ Type: VMware Backup Source items: SRV-VBR-LAB-01 (192.168.71.106) PowerShell cmdlet for starting the job: Get-VBRJob -Name "Backup-vm-ad" Start-VBRJob
Virtual Machines	
Storage	
Guest Processing	
Schedule	
Summary	
	<input checked="" type="checkbox"/> Run the job when I click 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





Restore Point

Select the restore point to restore from.

Restore Point	VM name: SRV-VBR-LAB-01	Original host: 192.168.71.106									
Reason	VM size: 600 GB										
Summary	Available restore points:										
	<table border="1"><thead><tr><th>Created</th><th>Type</th><th>Backup</th></tr></thead><tbody><tr><td> less than a day ago (22:04 mercredi 07...</td><td>Increment</td><td>Backup-AD</td></tr><tr><td> less than a day ago (17:30 mercredi 07...</td><td>Full</td><td>Backup-AD</td></tr></tbody></table>	Created	Type	Backup	less than a day ago (22:04 mercredi 07...	Increment	Backup-AD	less than a day ago (17:30 mercredi 07...	Full	Backup-AD	
Created	Type	Backup									
less than a day ago (22:04 mercredi 07...	Increment	Backup-AD									
less than a day ago (17:30 mercredi 07...	Full	Backup-AD									

Ensuite il faut mettre une raison



Summary

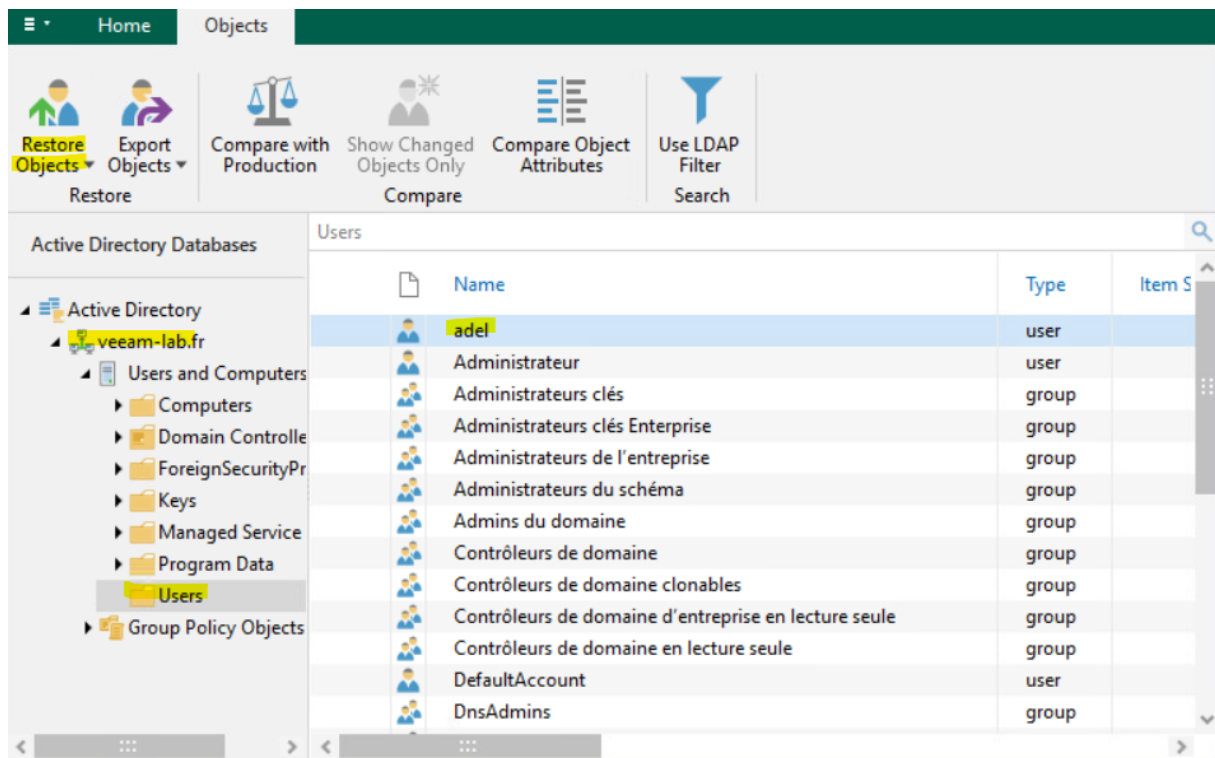
Review the restore settings, and click Browse to exit the wizard and open Veeam Explorer for Active Directory, where you will select individual objects to restore.

Restore Point	Summary:
Reason	VM name: SRV-VBR-LAB-01
Summary	Restore point: Current: SRV-VBR-LAB-01 less than a day ago (22:04 mercredi 07/02/2024)

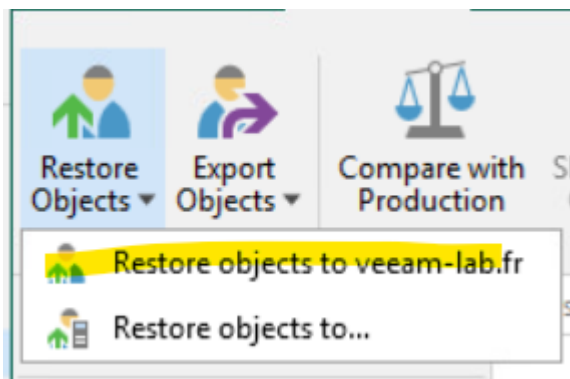
< Previous Next > **Browse** Cancel

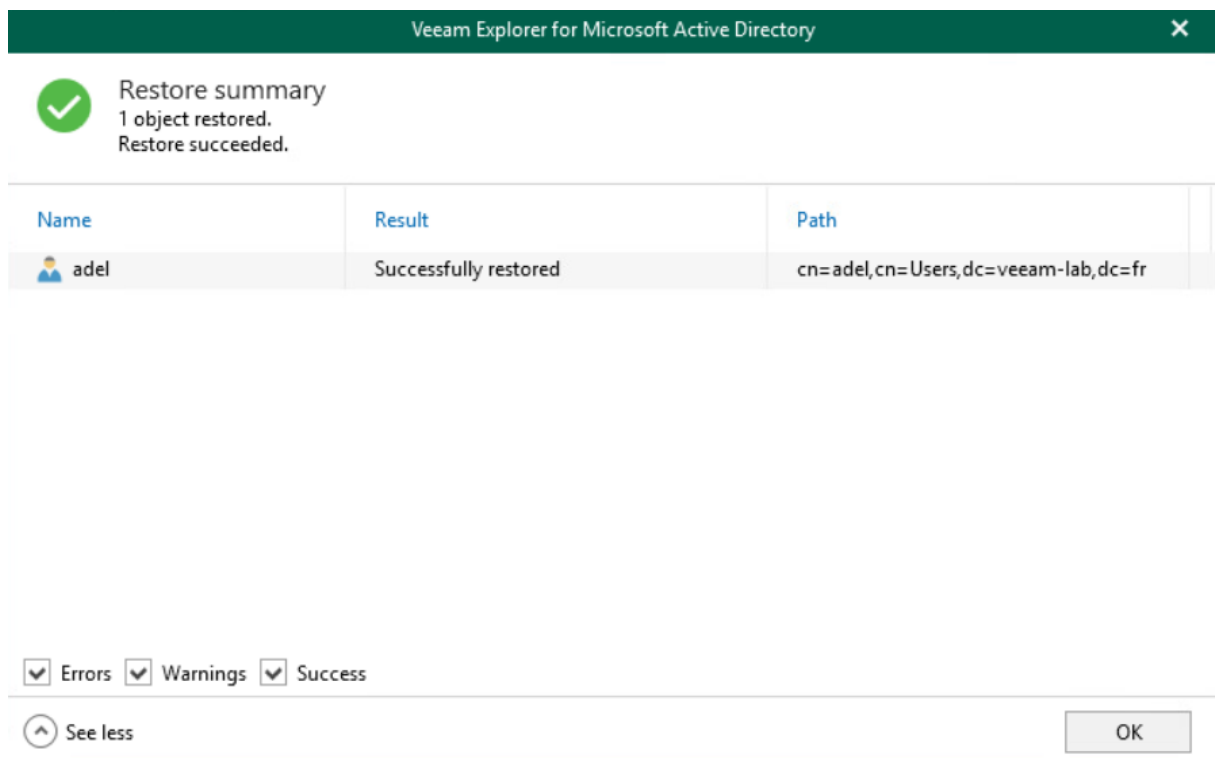
J'avais créé 2 users Adel et Sadek je les ai supprimés je vais voir si je peux backuper les deux

```
PS C:\Users\Administrateur> Remove-ADUser adel
Confirmer
Etes-vous sûr de vouloir effectuer cette action ?
Opération « Remove » en cours sur la cible « CN=adel,CN=Users,DC=veeam-lab,DC=fr ».
[0] Oui [T] Oui pour tout [N] Non [U] Non pour tout [S] Suspendre [?] Aide (la valeur par défaut est « 0 ») : 0
PS C:\Users\Administrateur> Remove-ADUser sadek
Confirmer
Etes-vous sûr de vouloir effectuer cette action ?
Opération « Remove » en cours sur la cible « CN=sadek,CN=Users,DC=veeam-lab,DC=fr ».
[0] Oui [T] Oui pour tout [N] Non [U] Non pour tout [S] Suspendre [?] Aide (la valeur par défaut est « 0 ») : 0
PS C:\Users\Administrateur>
```



Voilà ici je peux sélectionner l'objet 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

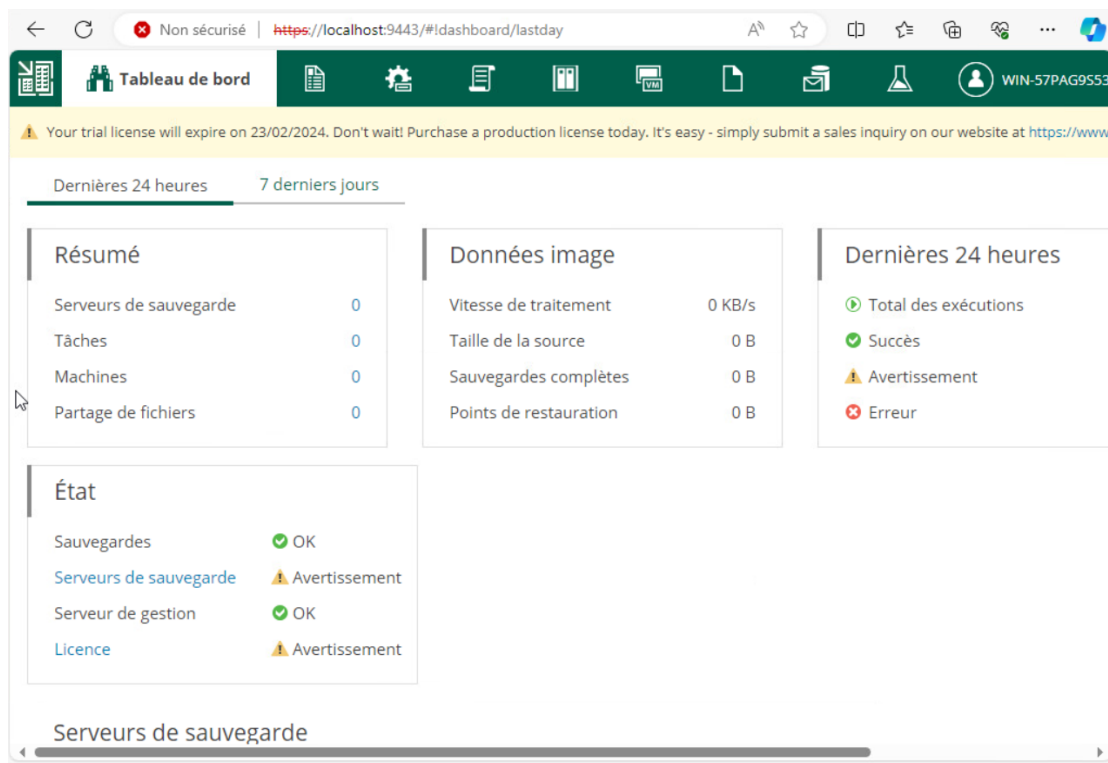
On le voit bien directement

```
DistinguishedName : CN=adel,CN=Users,DC=veeam-lab,DC=fr
Enabled           : False
GivenName        :
Name             : adel
ObjectClass      : user
ObjectGUID       : b240279b-6cf3-4011-b4b8-489d5ce1e2ab
SamAccountName   : adel
SID              : S-1-5-21-3523953435-1561266187-3427595263-1105
Surname          :
UserPrincipalName :
```


Veeam backup manager

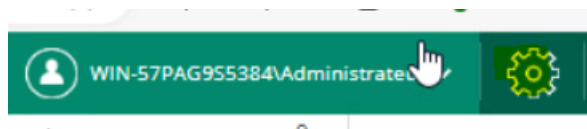
C'est une solution qui permet de gerer plusieurs serveurs veeam via un seul serveur et une interface web

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

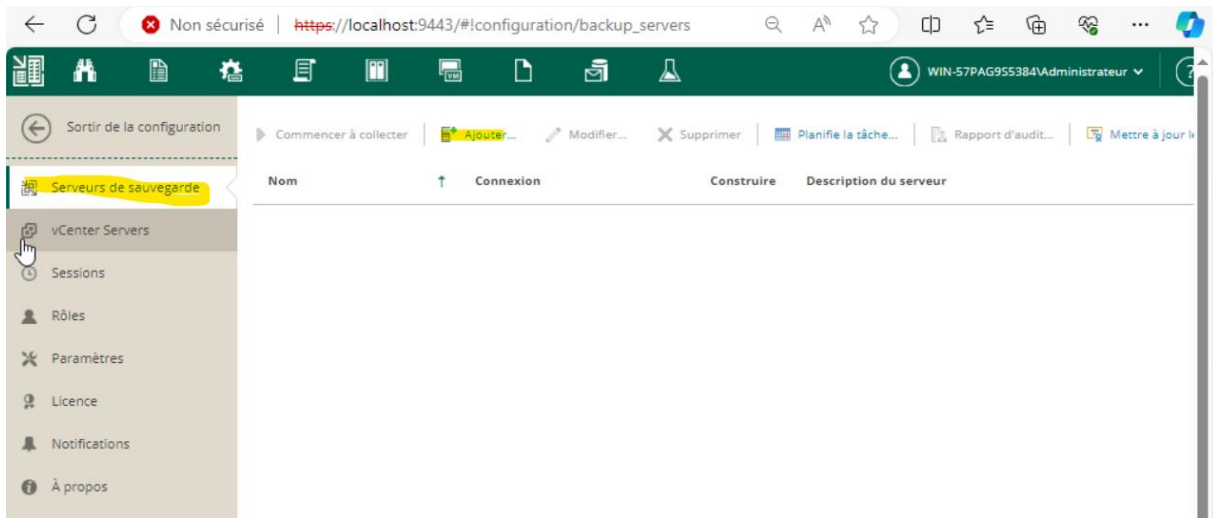


J'ai été automatiquement connecté

Il faut se rendre ici



Ajout d'un serveur de sauvegarde

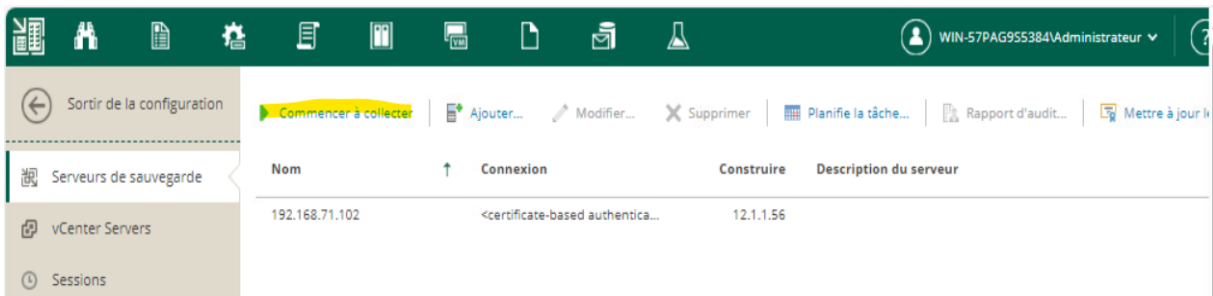
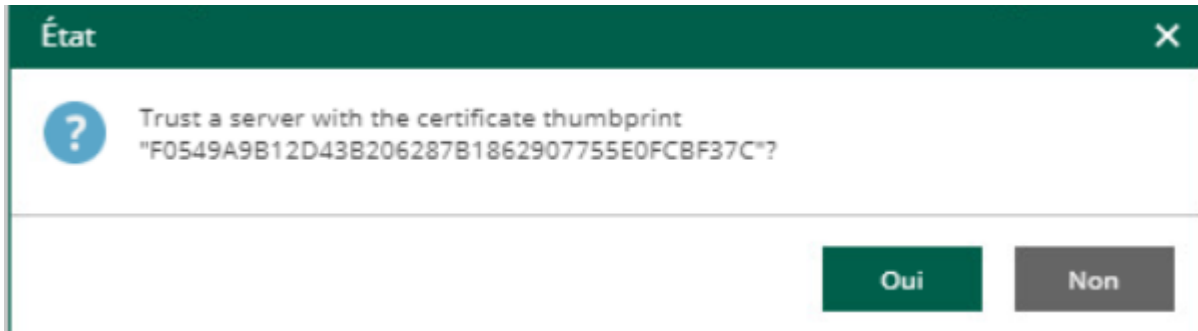


Il faut mettre l'utilisateur admin du domaine

The screenshot shows the 'Paramètres du serveur de sauvegarde' (Backup Server Parameters) dialog box. The fields are as follows:

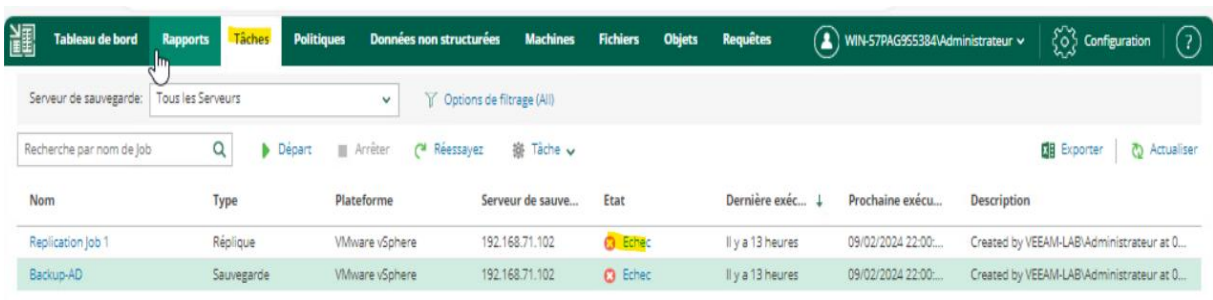
- Nom DNS ou adresse IP du serveur Veeam Backup: 192.168.71.102
- Description du serveur: (empty text box)
- Nom d'utilisateur: veeam-lab.fr\administrateur
- Mot de passe: (masked with dots)
- Port: 9392
- Certificate port: 9405

At the bottom of the dialog, there are two buttons: 'OK' and 'Annuler'.



Monitoring des backups

Il faut se rendre dans « Tâches »



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

Session 08/02/2024 22:33:09 x Session 08/02/2024 22:33:32 x

Replication Job 1 ❌ Détails

Machines traitées : 1 sur 1

Erreurs: 1	Espace total: 0	Volume traité: 0
Avertissements: 0	Vitesse de traitement: 0	Temps total: 42 seconds

[Exporter](#) | [Actualiser](#)

Objet	↑	Heure de début	Terminé à	Etat	Taux de performance	Données transférées
Windows SRV 2016 - TEST		08/02/2024 22:33:41	08/02/2024 22:34:05	❌ Echec	0 bytes/s	0

- ✔ Queued for processing at 08/02/2024 22:33:40
- ✔ Required backup infrastructure resources have been assigned
- ✔ VM processing started at 08/02/2024 22:33:41
- ✔ VM size: 630 GB (64.5 GB used)
- ✔ Discovering replica VM
- ✔ Getting VM info from vSphere
- ✔ Creating VM snapshot
- ✔ Removing VM snapshot
- ❌ Error: Selected server sr-vveeam.veeam-lab.fr is unavailable.
- ❌ Processing finished with errors at 08/02/2024 22:34:05

Et je peux voir les machines backupé

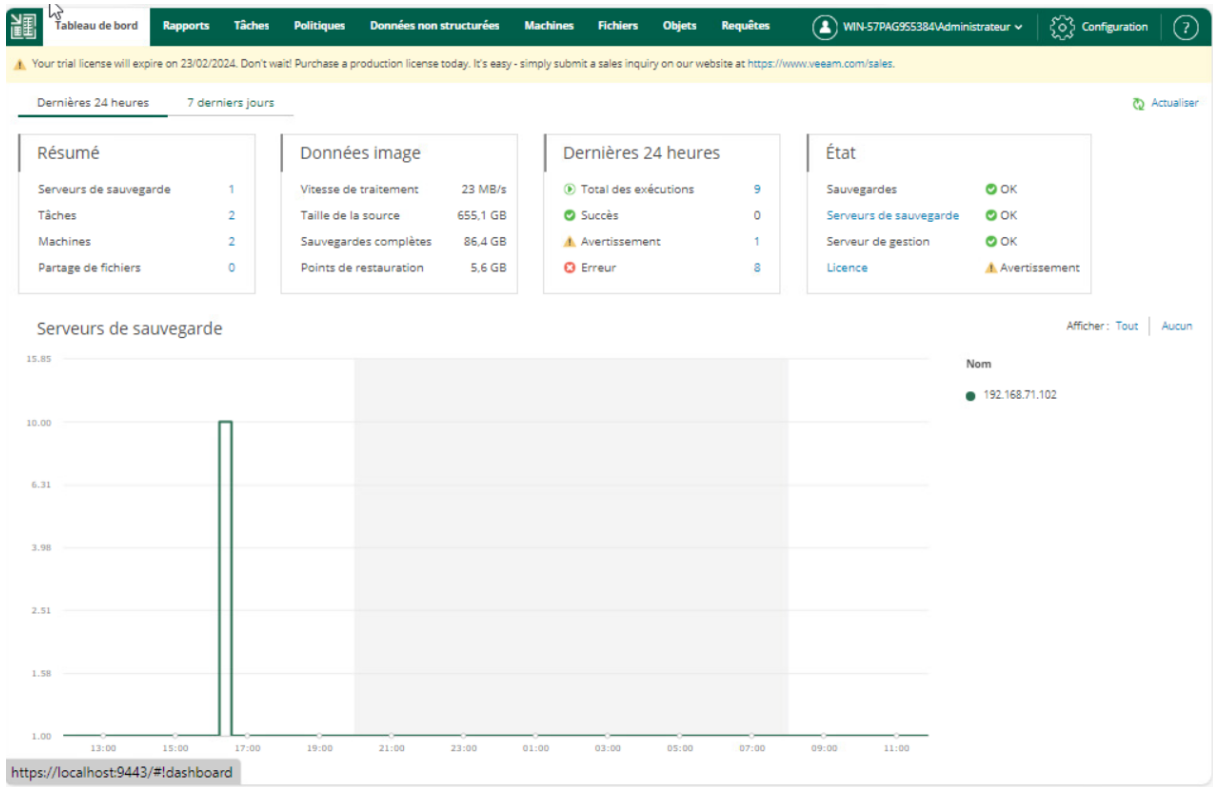
Tableau de bord Rapports Tâches Politiques Données non structurées **Machines** Fichiers Objets Requêtes WIN-57PAG95384/Administrateur Configuration ?

Serveur de sauvegarde: 192.168.71.102

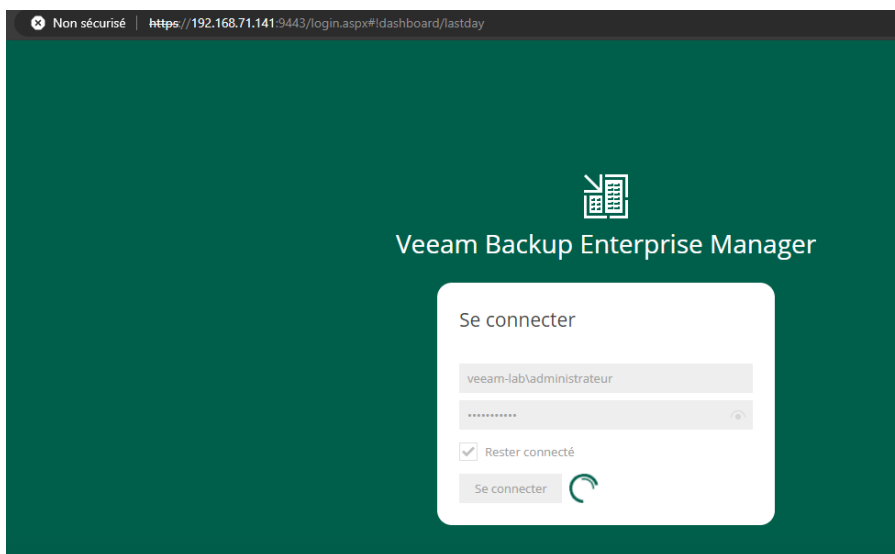
Recherche par nom de machine [Restauration instantanée](#) [Restauration complète de la machine virtuelle](#) [Autres actions](#) [Historique](#) [Exporter](#) | [Actualiser](#)

Machine	↑	Serveur de sauvegarde	Nom de la tâche	Points de restau...	Emplacement	Chemin	Dernier succès
SRV-VBR-LAB-01		192.168.71.102	Backup-AD	3 points	NAS-01	\\192.168.71.124\Backup\Backup-AD	Il y a 19 heures
Windows SRV 2016 - TEST		192.168.71.102	Replication Job 1	2 points	192.168.71.106	Windows SRV 2016 - TEST_replica	Il y a 1 jour

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

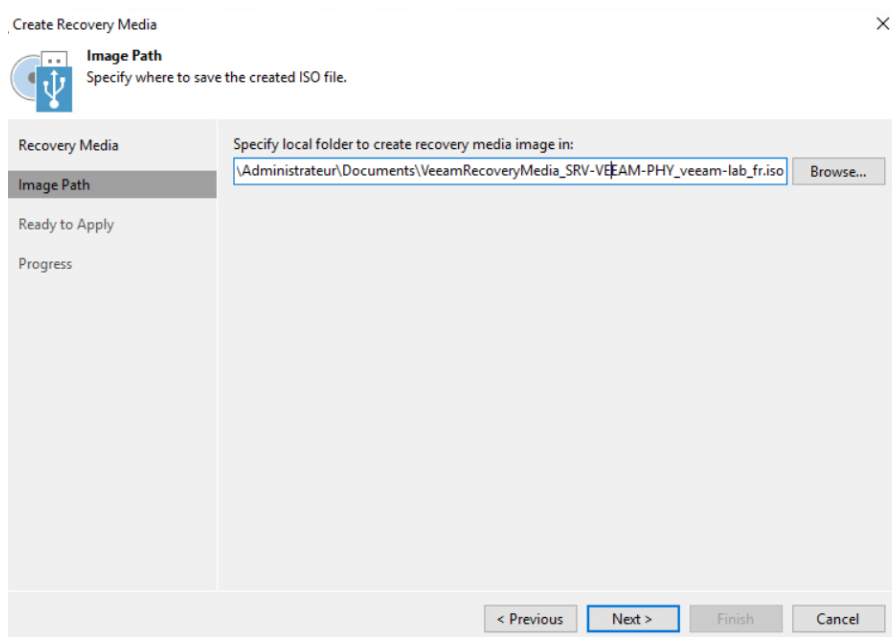
The screenshot shows the Veeam Backup & Replication console. On the left, the 'Inventory' tree is expanded to 'Physical Infrastructure' > 'Manually Added'. The main pane displays a table of servers. A context menu is open over the server 'SRV-VEEAM-PHY.veeam-lab.fr', with the 'Agent' option selected and the 'Create recovery media...' sub-option highlighted.

Name	IP Address	Last Seen	Backup Agent	Application Plu...	OS
CLI-VEEAM-01.veeam-lab.fr	192.168.71.123	1 day ago	Installed	Not installed	Microsof
DESKTOP-RFK16C.veeam-la...	192.168.71.125	1 day ago	Installed	Not installed	Microsof
FAS-SRV-INF-01.piste.fas	192.168.1.10	Online	Installed	Not installed	Microsof
SRV-VEEAM-PHY.veeam-lab.fr	192.168.71.149	Online	Installed	Not installed	Microsof

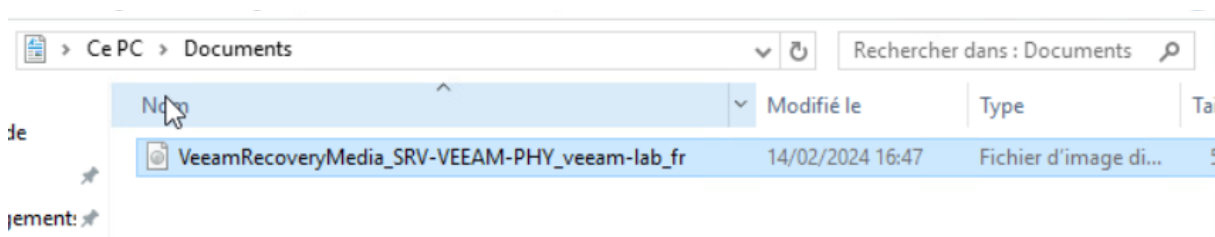
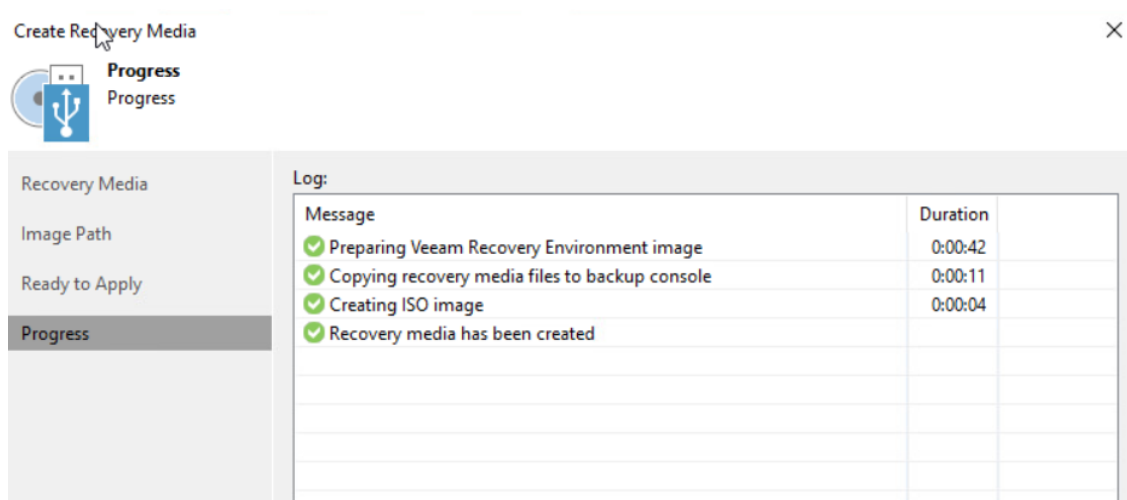
The 'Create Recovery Media' dialog box is shown. The 'Recovery Media' section is active, displaying 'Available bootable media types' with a table containing one entry: 'Image' (ISO image file).

Name	Type	Capacity
Image	ISO image file	

On selectionne l'emplacement de l'iso



Ensuite Next

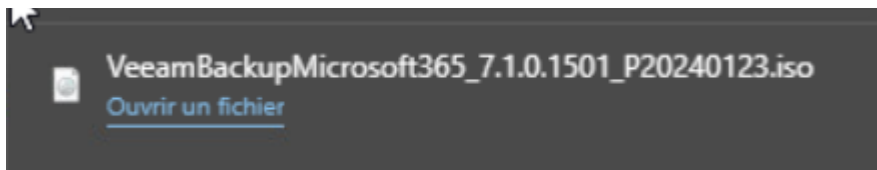


Ensuite lorsqu'on boot il faut utiliser bare metal et saisir IP du serveur et choisir un point de restauration.

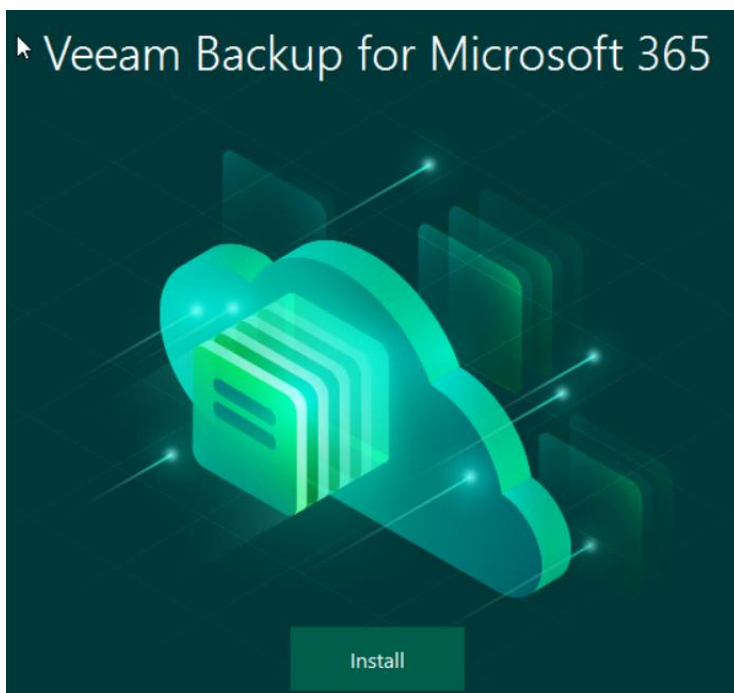
Veeam 365

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

Même chose que veeam classique on telecharge l'iso



On exécute le setup





Veeam Backup for Microsoft 365

Veeam Backup for Microsoft 365 allows you to backup and restore data of your Microsoft 365 organizations, as well as data of on-premises Microsoft organizations.



Veeam Backup for Microsoft 365 Console

The Console is the user interface client for local and remote Veeam Backup for Microsoft 365 servers.



Veeam Backup for Microsoft 365 PowerShell

The PowerShell extension includes sets of PowerShell cmdlets that allow you to automate operations available in the Veeam Backup for Microsoft 365 user interface.



Veeam Backup for Microsoft 365 REST API & Restore Portal

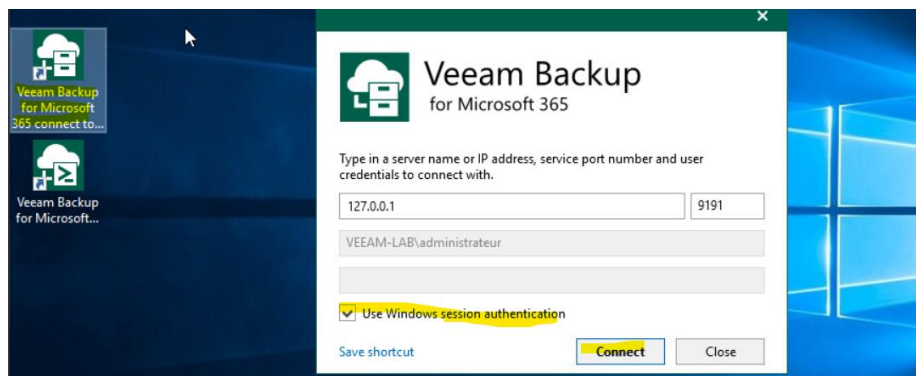
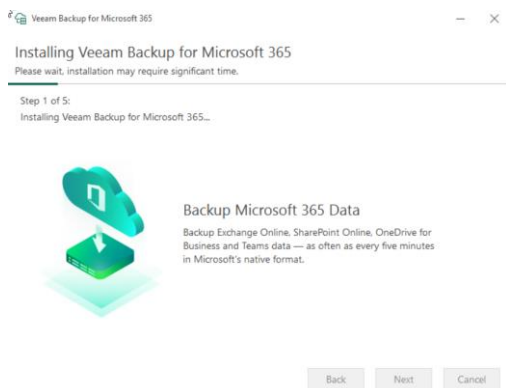
The REST API plugin includes HTTPS resources to perform operations available in the user interface. Restore Portal built on the REST APIs allows you to delegate restore permissions.

[Install Veeam Explorers](#)

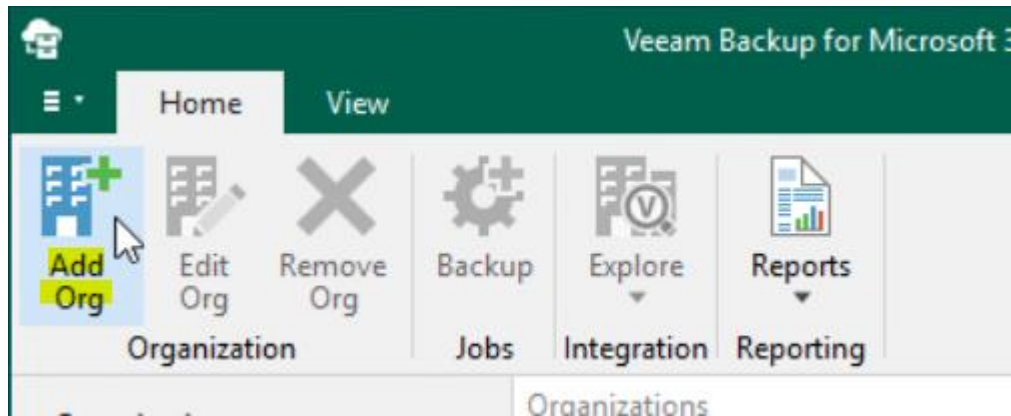
[View Documentation](#)

On accepte license

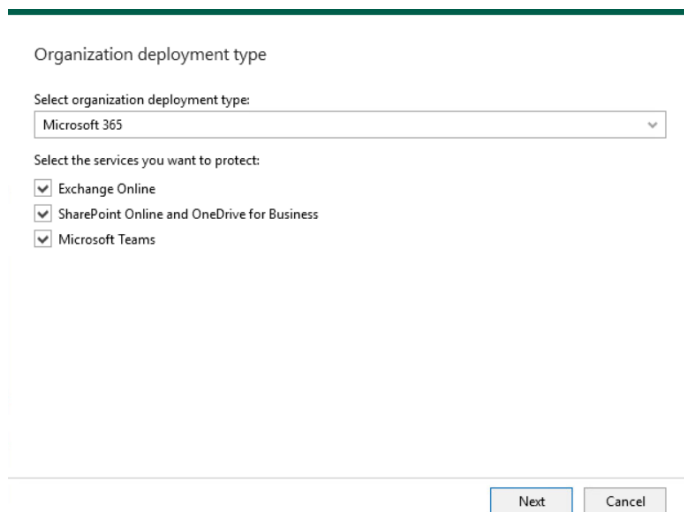
On spécifie le chemin de veeam pour l'installation



Ajouter une organisation



Ensuite on saisit ce que l'on veut protéger

The image shows a configuration window titled 'Organization deployment type'. It contains a dropdown menu labeled 'Select organization deployment type:' with 'Microsoft 365' selected. Below this, there is a section labeled 'Select the services you want to protect:' with three checked checkboxes: 'Exchange Online', 'SharePoint Online and OneDrive for Business', and 'Microsoft Teams'. At the bottom right of the window, there are two buttons: 'Next' and 'Cancel'.

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



New Backup Job

Specify job name and description

Name:
Backup [G]MEDIA

Description:

Next Cancel

On peut sauvegarder toute l'organisation ou seulement quelques objets

Select objects to back up

Back up entire organization

Back up the following objects:

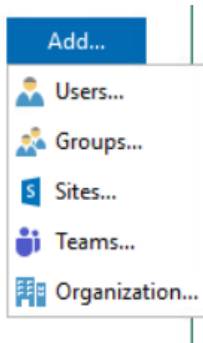
Object ↑	Type	Process
----------	------	---------

Add...

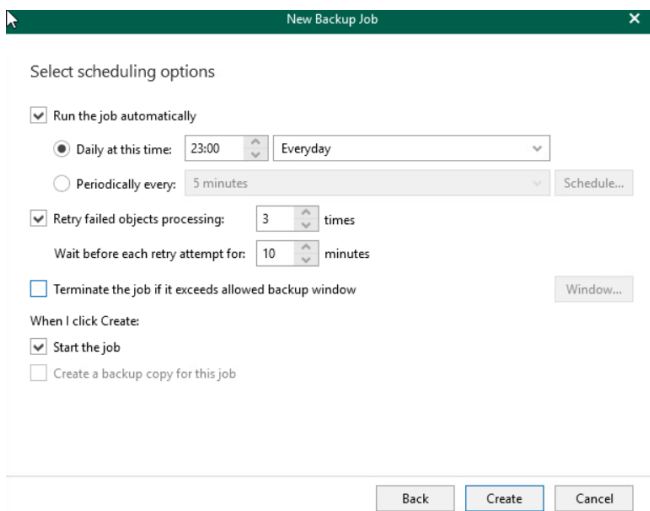
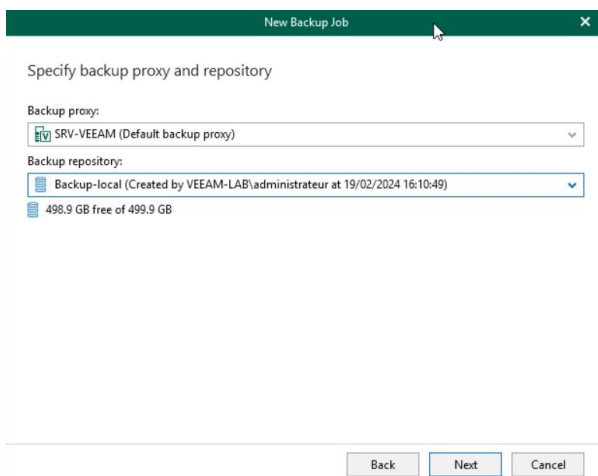
Edit...

Remove

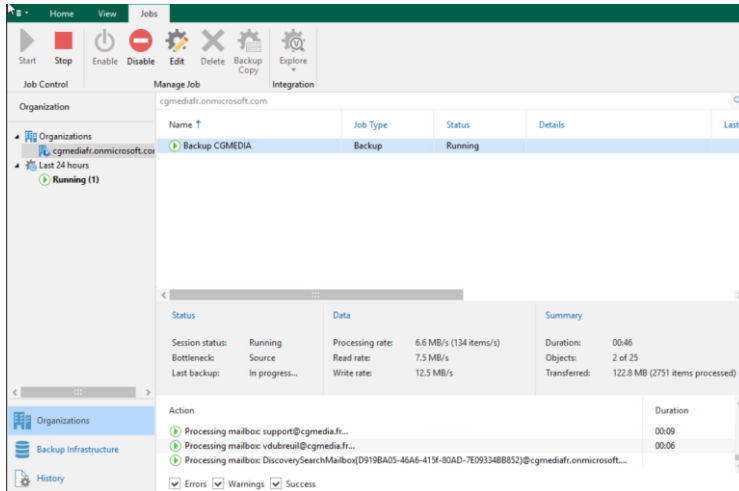
Back Next Cancel



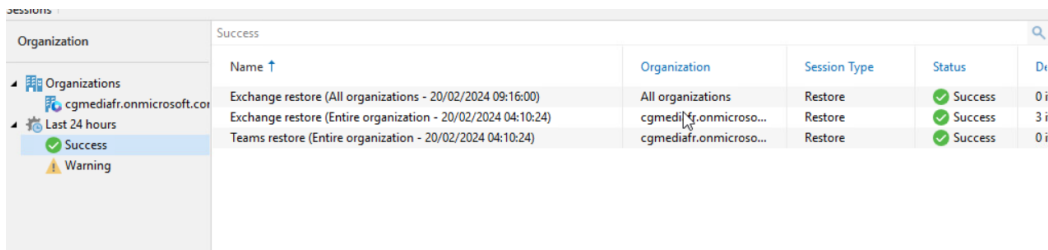
J'ai choisi de backup toute l'organisation



Le backup est en cours



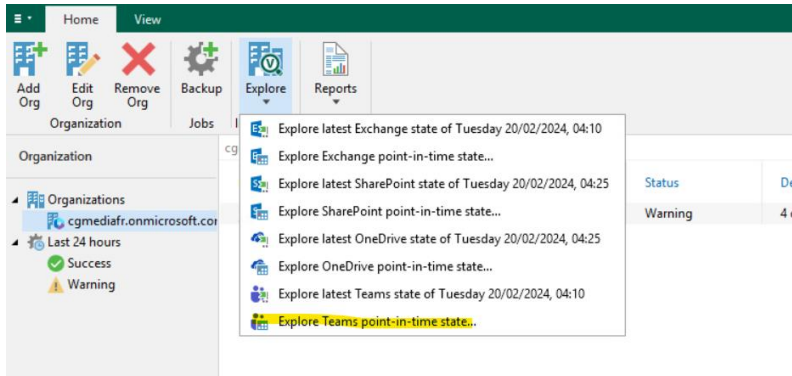
Quelques heures plus tard



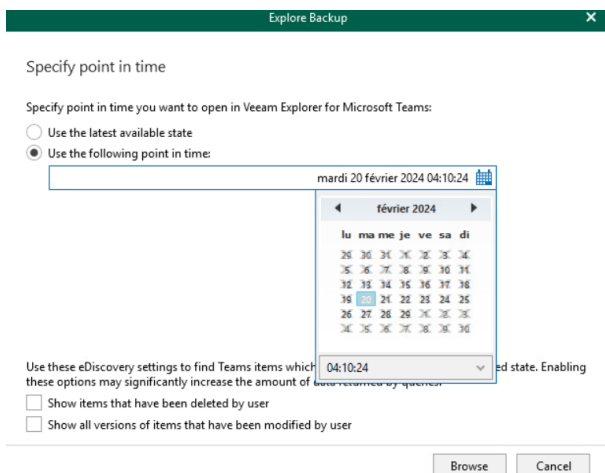
C'est parfait

Restauration

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

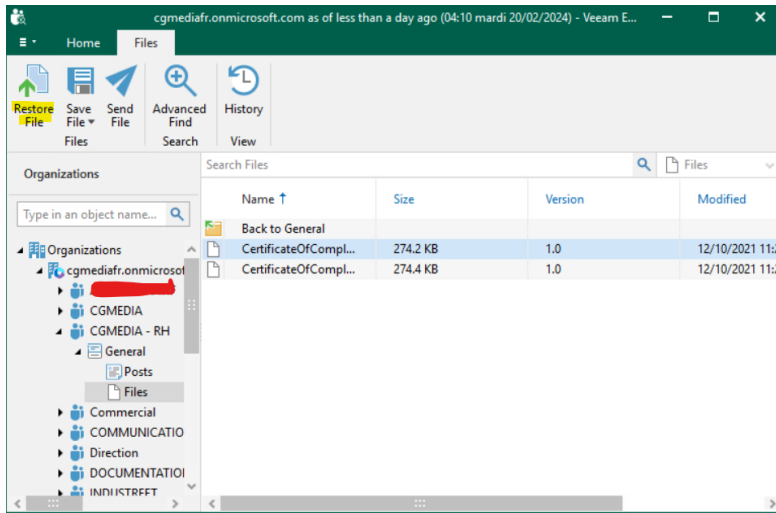


Ensuite on choisit notre jour actuellement je n'ai qu'un point et c'est normal



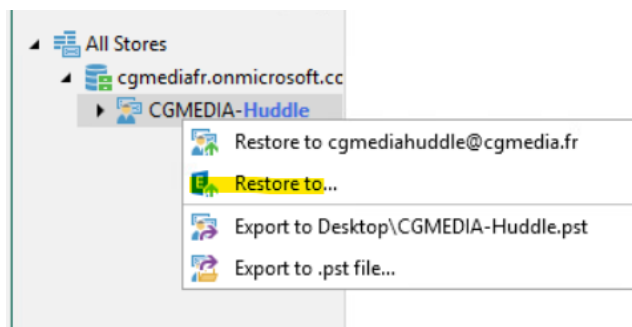
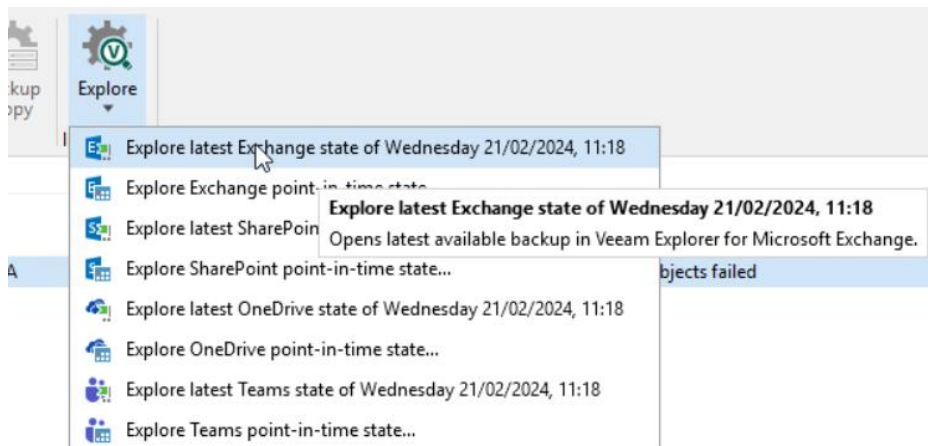
Ensuite browse

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 contenu d'une ancienne boite vers une nouvelle



Target mailbox

Mailbox:

sallevisio@cgmedia.fr

Specify target mailbox location:

- Microsoft 365
 On-premises Microsoft Exchange Server

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

Microsoft 365 connection settings

Specify authentication method:


Basic authentication

Specify user account to connect with:

- Use current account (VEEAM-LAB\administrateur)
 Use the following account:

Username: sallevisio@cgmedia.fr

Password: ●●●●●●●●

 To connect with an account enabled for multi-factor authentication (MFA), use an app password instead of a user password.

Back

Next

Cancel

Ensuite je peux choisir un folder ou l'original folder

Target mailbox server and folder

Specify the mailbox server (CAS) to restore the selected items to:

outlook.office365.com

Specify the folder to restore items to:

- Restore to the original folder
 Restore to the following folder:

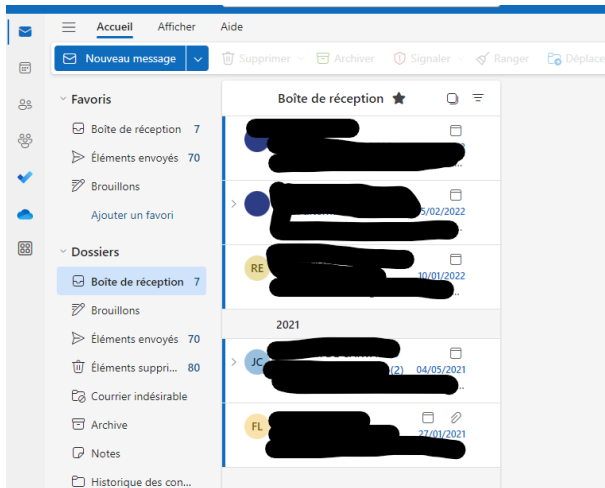
Veeam Explorer for Microsoft Exchange



Restore summary: CGMEDIA-Huddle
265 items merged.

See more

OK

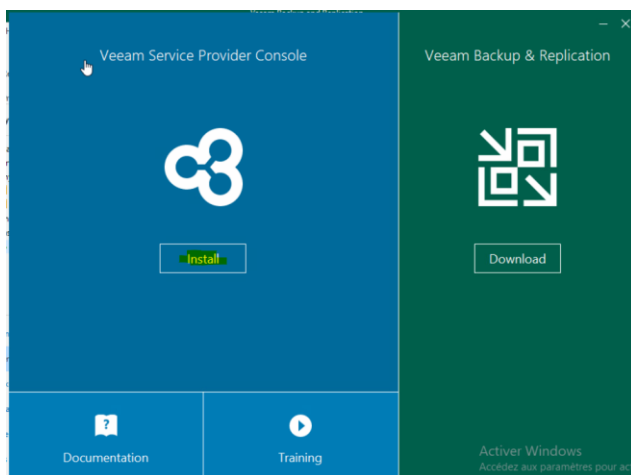


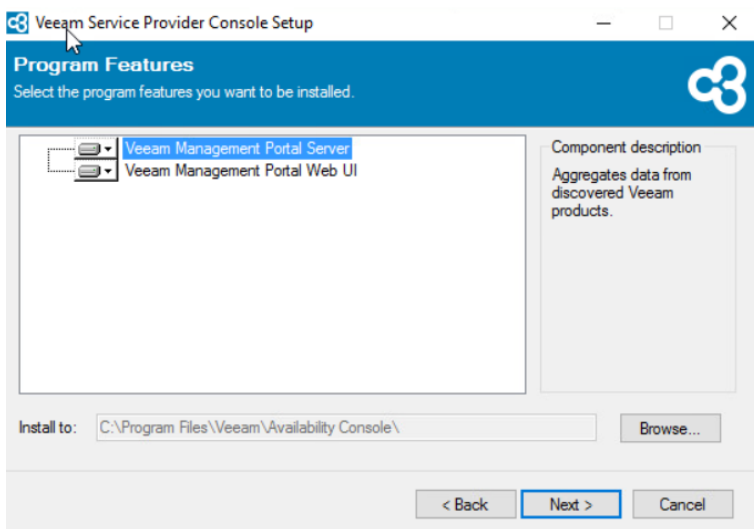
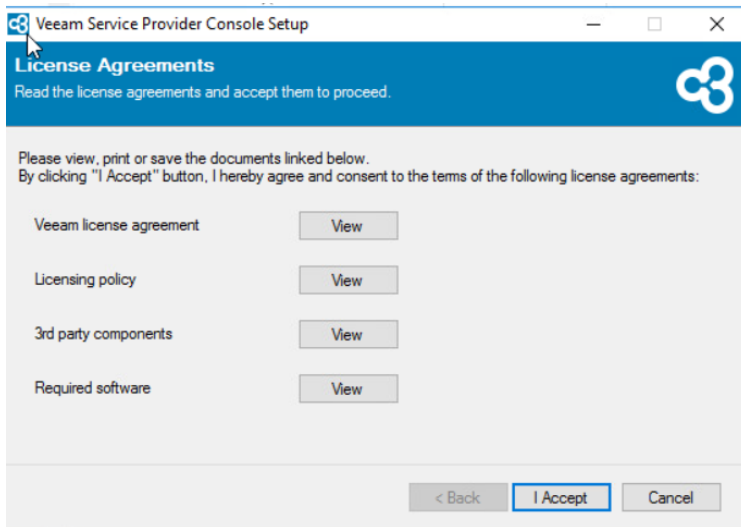
C'est parfait on peut faire la même avec Teams etc.

Veeam Service provider console

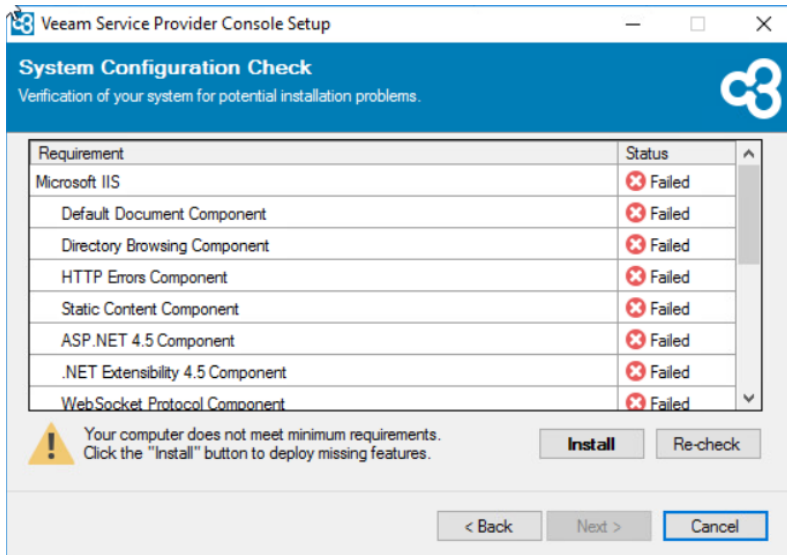
C'est un centre de gestion qui va nous permettre de gérer les VBR des clients

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



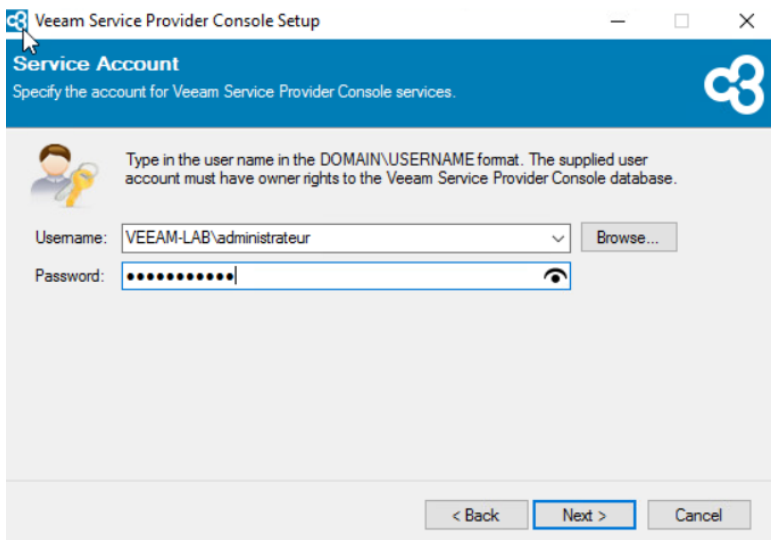


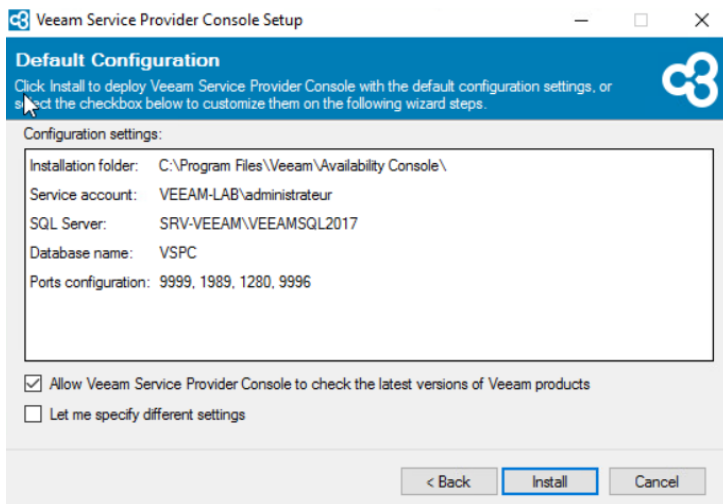
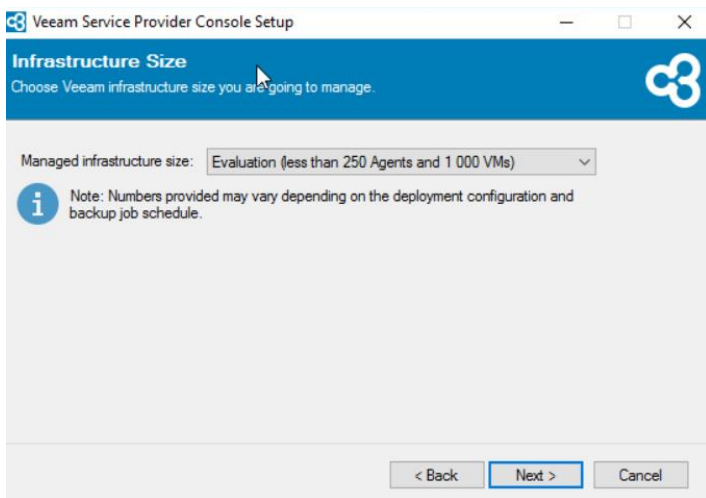
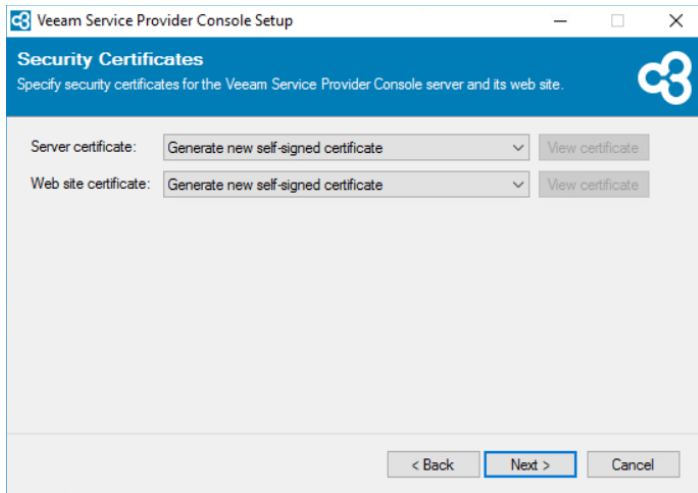
Ensuite on nous demande de mettre la licence

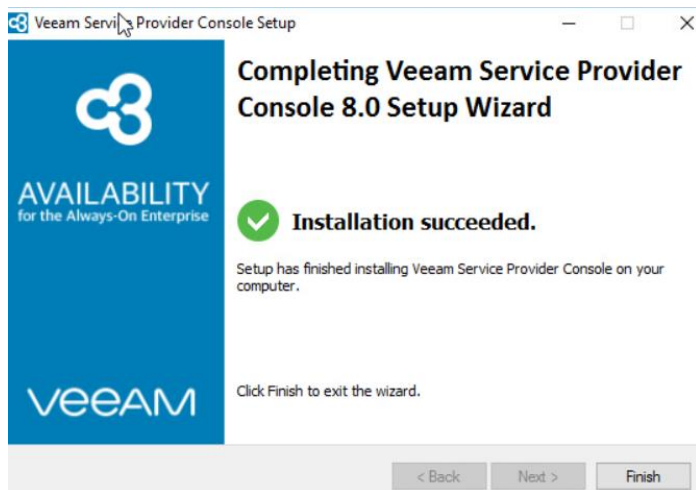


Il faut installer les prérequis

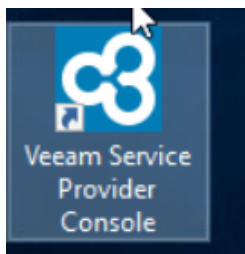
Il faut ensuite mettre un mdp pour l'accès au provider



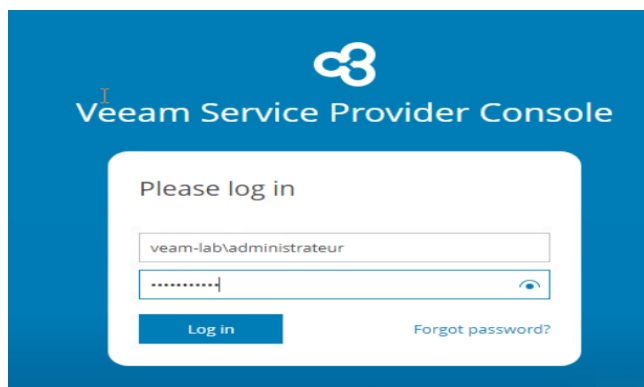




Ensuite on doit redémarrer le système

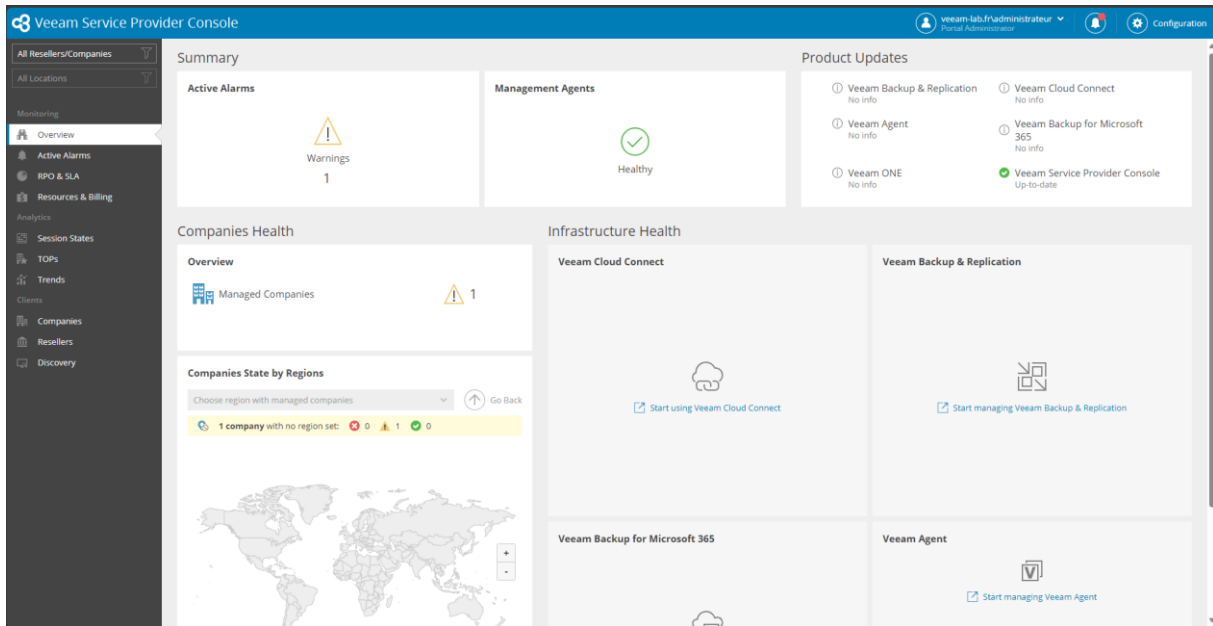


L'interface est <https://localhost:1280>



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

Nous voilà ensuite sur l'interface de VSPC



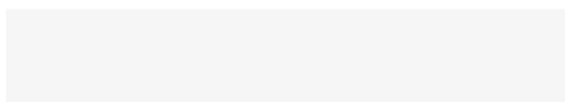
On peut déjà commencer à manager un vbr ou vbc ou vb365

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



 [Download Management Agent](#) ▾

Download Management Agent for Windows [X]

Specify management agent settings

Company: My Company (local network, internal usage) [v]

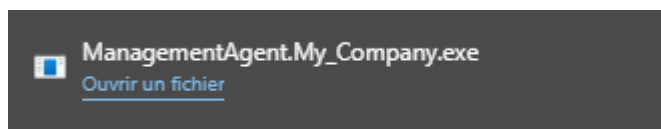
Location: Name [v]

Token expiry period: 12 [v] Months [v] [i]

[Create Download Link](#)

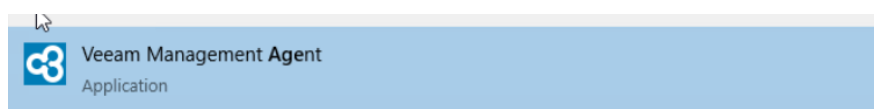
[Download] [Cancel]

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



Veeam Management Agent Settings (My Company) [X]

Specify agent connection settings
Connect management agent to the backup portal

Agent status: ✔ Connected to srv-veeam:9999

Backup portal connection settings

Backup portal: Port:

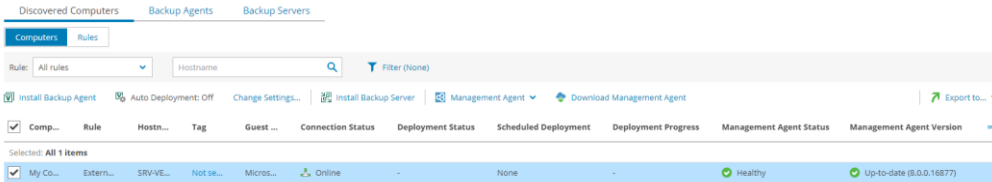
Tag:

[View security certificate](#)

Remote computer discovery user account: Not set...

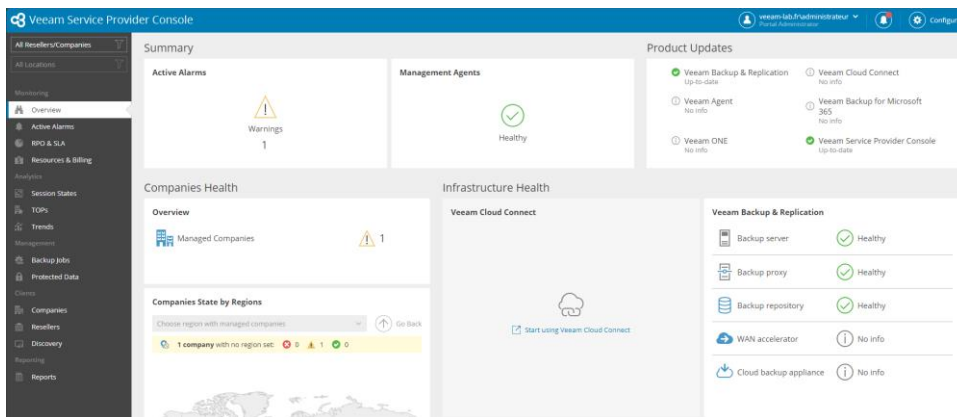
[Apply] [Close]

Ensuite sur le vspc

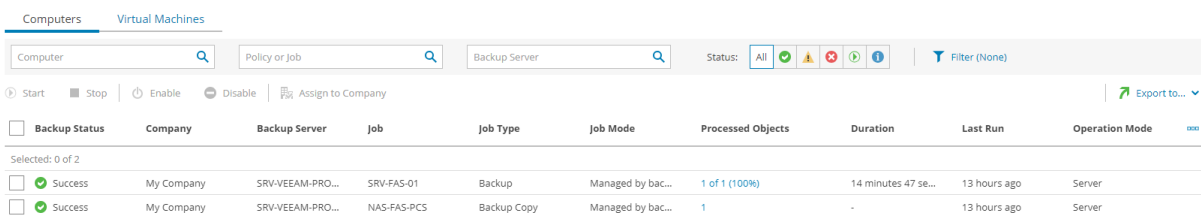


On voit bien la machine windows qui héberge le vbr

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

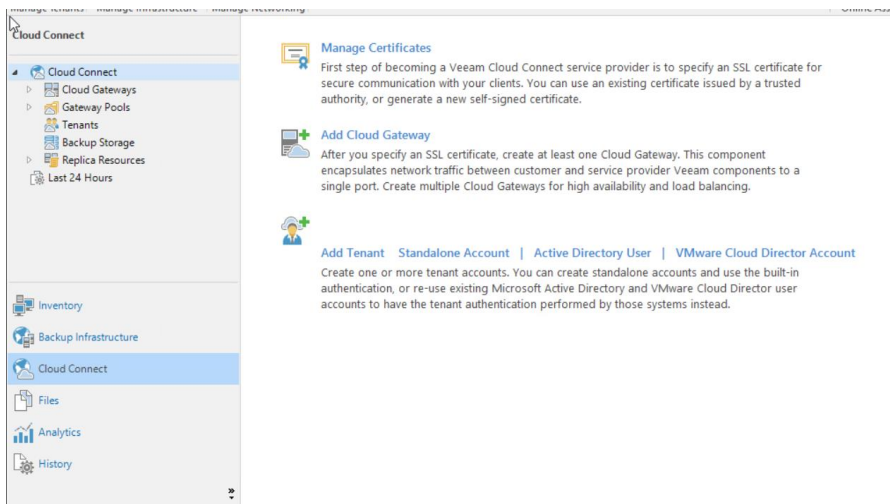
VCC

En verité vcc est la plus pour service de cloud car on peut avoir 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

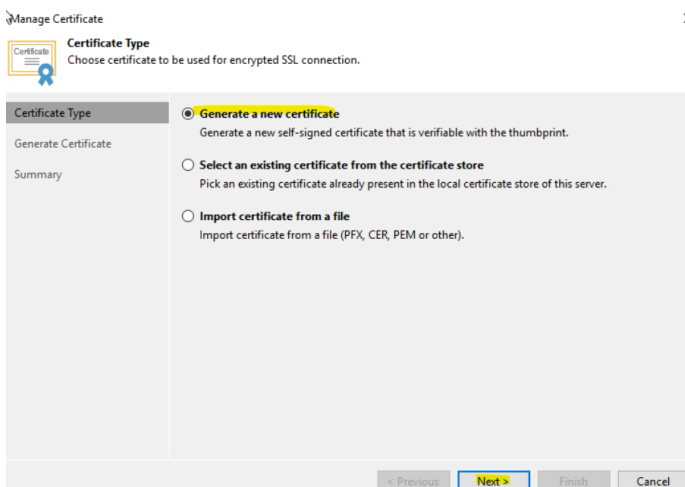
VCC est ce qui nous permettra de piloter ses vbr pour installer vcc c'est simple c'est l'installation d'un vbr + licence vcc (vspc)

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

New Cloud Gateway

Name
Choose a Microsoft Windows server to set up cloud gateway service on. We recommend that you set up multiple cloud gateways for high availability and automatic load balancing.

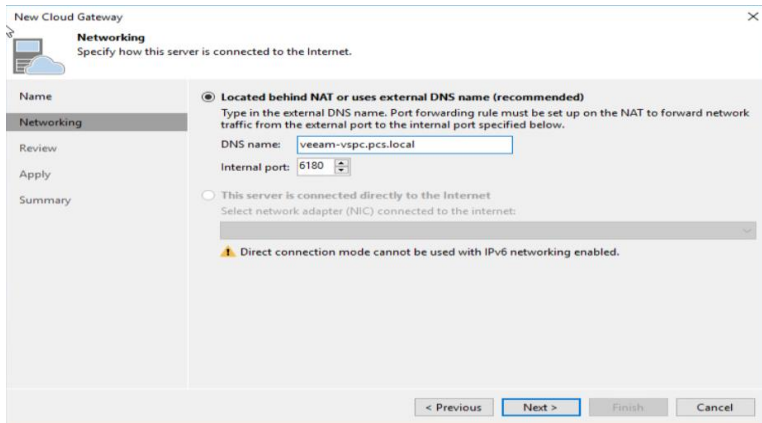
Choose server:
WIN-IQ6Q9SEM4HS (Backup server) Add New...

Description:
Created by WIN-IQ6Q9SEM4HS\Administrateur at 16/02/2024 14:37.

External port: 6180
TCP/UDP port for external connections. All traffic between you and your users will go through this port. Your users will need to specify this port when establishing the initial connection to your service.

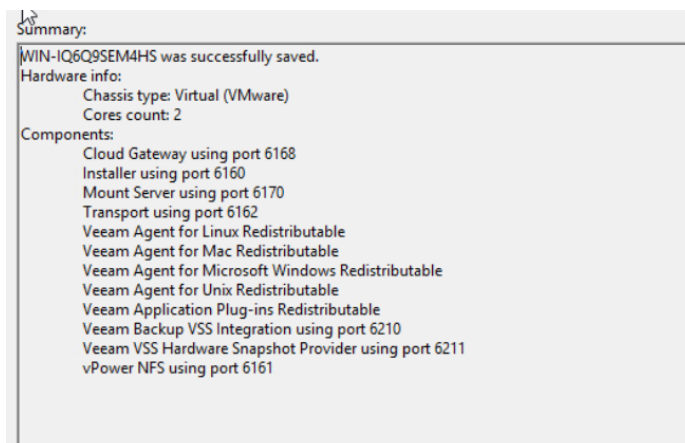
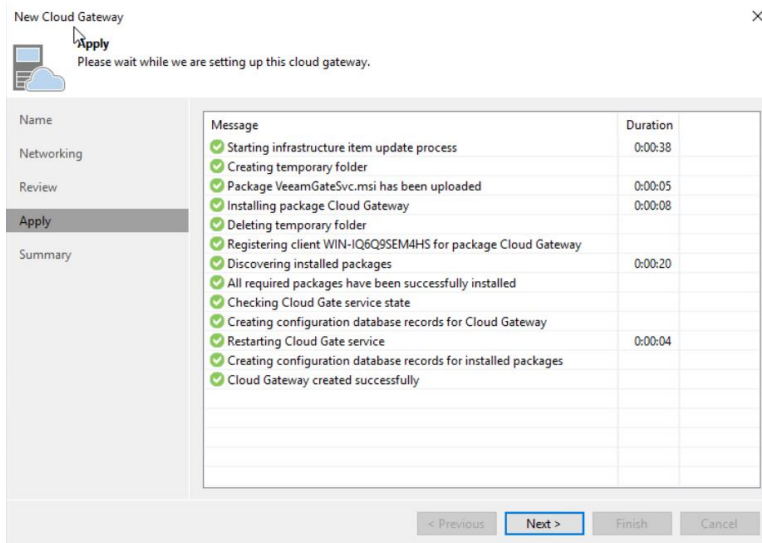
< Previous Next > Finish Cancel

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

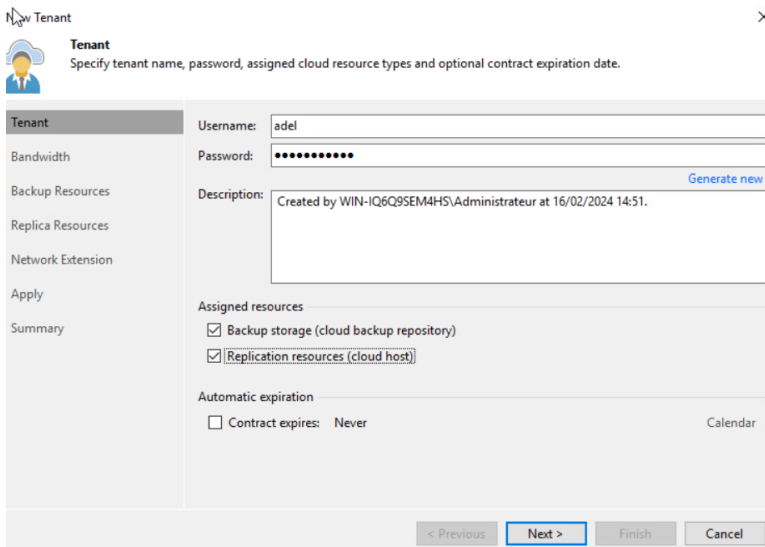
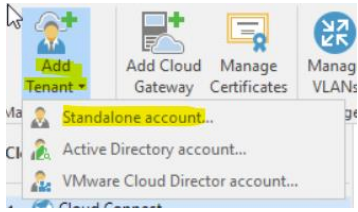


Ensuite sa nous montre les composants qui vont être installés

On applique et le processus ce lance



Ajout de Tenant console VCC



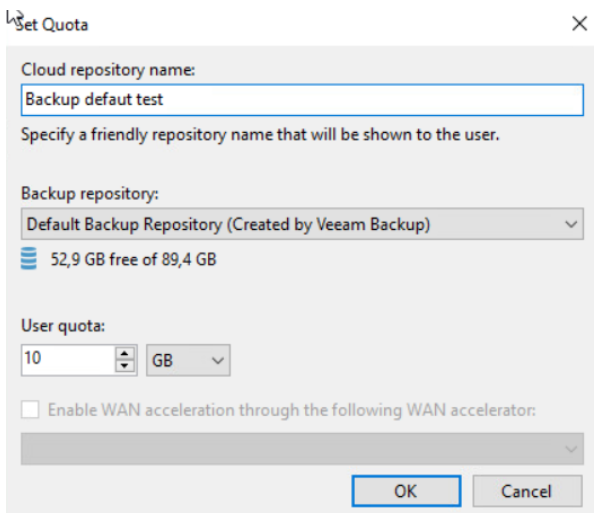
The 'New Tenant' dialog box is shown with the following fields and options:

- Tenant:** Username: adel
- Password:** [Redacted]
- Description:** Created by WIN-IQ6Q9SEM4HS\Administrateur at 16/02/2024 14:51.
- Assigned resources:**
 - Backup storage (cloud backup repository)
 - Replication resources (cloud host)
- Automatic expiration:**
 - Contract expires: Never

Buttons at the bottom: < Previous, Next >, Finish, Cancel.

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

Je définis un endroit ou il y'aura les backup



The 'Set Quota' dialog box is shown with the following fields and options:

- Cloud repository name:** Backup default test
- Backup repository:** Default Backup Repository (Created by Veeam Backup)
- Storage:** 52,9 GB free of 89,4 GB
- User quota:** 10 GB
- Enable WAN acceleration:** Enable WAN acceleration through the following WAN accelerator:

Buttons at the bottom: OK, Cancel.

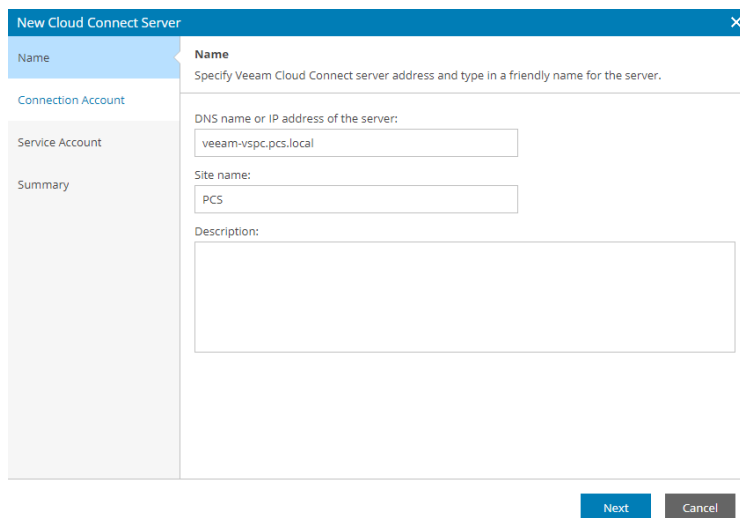
Je peux mettre une limite pour ce repository

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 »



The screenshot shows a dialog box titled "New Cloud Connect Server" with a close button (X) in the top right corner. On the left side, there is a vertical navigation menu with four items: "Name" (highlighted in blue), "Connection Account", "Service Account", and "Summary". The main content area on the right is titled "Name" and contains the instruction "Specify Veeam Cloud Connect server address and type in a friendly name for the server." Below this instruction are three input fields: "DNS name or IP address of the server:" with the value "veeam-vspc.pcs.local", "Site name:" with the value "PCS", and "Description:" with an empty text area. At the bottom right of the dialog, there are two buttons: "Next" (highlighted in blue) and "Cancel".

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-IQ6Q95EM4HS\Administrateur

Password:

Back Next Cancel

New Cloud Connect Server

Name

Connection Account

Service Account

Summary

Service Account

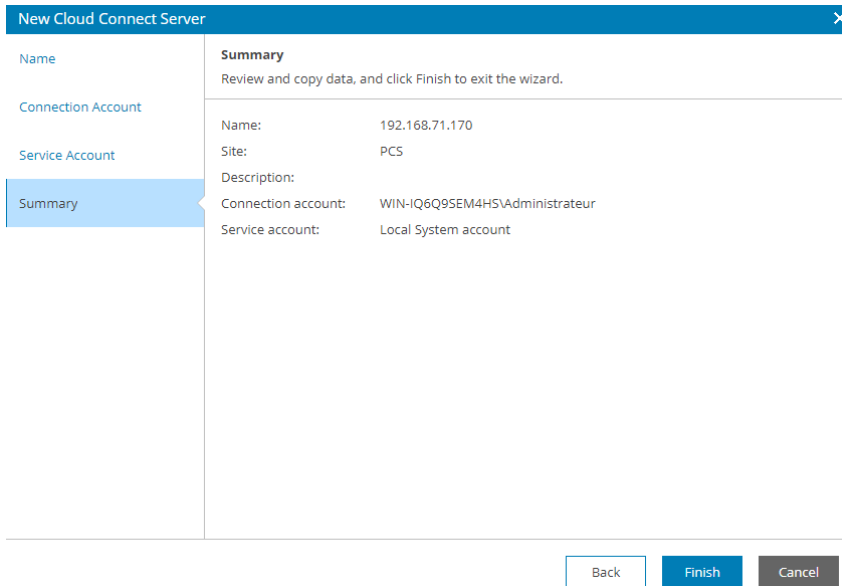
Specify user account that belongs to Veeam backup and operating system administrator groups.
This user will be used to run management agent service.
Use DOMAIN\USER format for domain accounts, or HOST\USER for local accounts.

Run management agent service under:

Local system account

The following user account:

Back Next Cancel



Ensuite l'agent s'installe

The screenshot shows a server management interface with a table of servers. The table has the following columns: Server, Site, Server Version, Status, Available Updates, Tenant Management, Agent Version, and Agent Deployment. The data row shows:

Server	Site	Server Version	Status	Available Updates	Tenant Management	Agent Version	Agent Deployment
WIN-IQ6Q9SEM4H5	PCS	12.1.1.56	Healthy	Up-to-date	Disabled	Up-to-date (8.0.0.16877)	Success

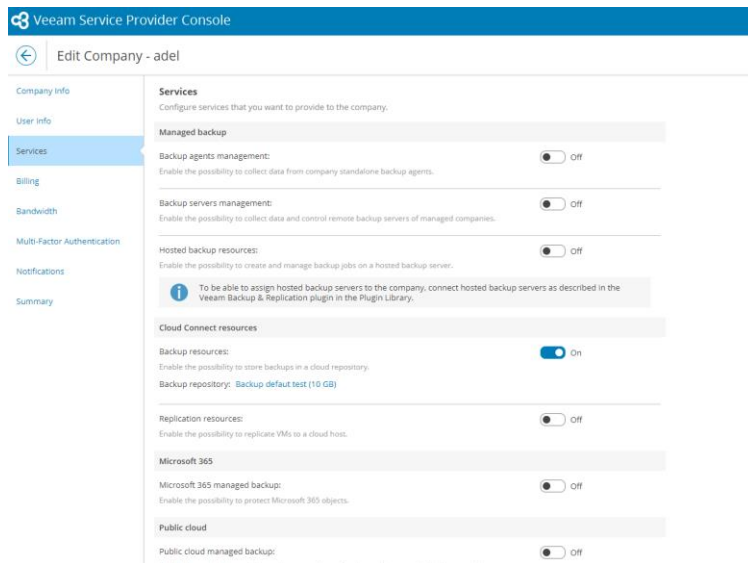
On peut activer le Tenant Management in cloud Connect

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

The screenshot shows the 'Companies' management interface. The left-hand navigation pane is open, showing 'Companies' selected. The main content area displays a table of companies with the following columns: Company, MFA Status, Administrators, Portal Users, Lease Expiration Date, State, Backup Policies, and Country. The data row shows:

Company	MFA Status	Administrators	Portal Users	Lease Expiration Date	State	Backup Policies	Country
adel	Not enforced	1	0	Never	Active	0	Not set...

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

Service Provider ×

Service Provider
Type in DNS name or IP address and a port number received from the service provider. If you are using more than one service provider, add a custom description to more easily distinguish between them.

Service Provider	DNS name or IP address: <input type="text" value="192.168.71.170"/>	Port: <input type="text" value="6180"/>
Credentials	Description: <input type="text" value="Created by VEEAM-LAB\administrateur at 16/02/2024 15:23"/>	
Apply	<input checked="" type="checkbox"/> Allow this Veeam Backup & Replication installation to be managed by the service provider Select this check box if you have managed backup contract with the service provider you are adding, and want to allow it to manage your installation remotely.	
Summary		

< Previous Next > Finish Cancel

Ensuite on accepte le certificat et on met nos credentials correcte

Service Provider ×

Credentials
Specify credentials that you have received from the service provider, and validate the certificate.

Service Provider	Warning: Remote certificate name mismatch: CN=Veeam Software, O=Veeam Software, OU=Veeam SoftwareRemote certificate chain errors...	
Credentials	Certificate: CN=Veeam Software, O=Veeam Software, OU=Veeam Software	
Apply	Thumbprint: <input type="text"/>	Verify
Summary	Add or select credentials issued to you by the service provider	
	Credentials: <input type="text" value="Administrateur (Administrateur, last edited: less than a day ago)"/>	Add...
	Manage accounts	

< Previous Apply Finish Cancel

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

The screenshot shows the 'New Company' configuration page. The left sidebar contains a navigation menu with the following items: Company Info (selected), Company Type, User Info, Services, Billing, Bandwidth, Multi-Factor Authentication, Notifications, and Summary. The main content area is titled 'Company Info' and includes the instruction 'Specify company name and contact information.' Below this, there are several input fields: Company name (filled with 'FAS'), Login alias (filled with 'fas'), Tax ID (empty), Title (dropdown menu with 'Mr' selected), First name (filled with 'Fas'), Last name (filled with 'Fas'), Email address (filled with 'veeam@premium-computer.fr'), Telephone (empty), Country (dropdown menu with 'France' selected), State/Region (dropdown menu), Company ID (empty), Veeam Tenant ID (empty), ZIP code (empty), Web site (empty), and Additional notes (empty). There is a small blue information icon next to the Country dropdown.

The screenshot shows the 'New Company' configuration page with the 'Company Type' tab selected. The left sidebar is the same as in the previous screenshot. The main content area is titled 'Company Type' and includes the instruction 'Select type for the new company:'. There are two radio button options: 'Native' (selected) and 'VMware Cloud Director'. Below the 'Native' option, there is a note: 'This option is recommended if you don't have VMware Cloud Director and would like to use native functionality of the backup portal.' Below the 'VMware Cloud Director' option, there is a note: 'This option requires integration between VMware Cloud Director and the backup portal, and allows selecting VCD resources for replication jobs.'

← New Company

Company Info

Company Type

User Info

Services

Billing

Bandwidth

Multi-Factor Authentication

Notifications

Summary

User Info

Create the backup portal user account and select a hosting site for the company.

Username: fas

Password:

Confirm password:

Site: PCS

Enable access to REST API of the backup portal

Disable account automatically on 19/02/2024

Description:

Created by Premium with Veeam Service Provider Console at 19/02/2024 10:38

← New Company

Company Info

Company Type

User Info

Services

Billing

Bandwidth

Multi-Factor Authentication

Notifications

Summary

Services

Configure services that you want to provide to the company.

Managed backup

Backup agents management: On

Backup servers management:

Hosted backup resources:

Cloud Connect resources

Backup resources:

Backup repository: Configure...

Replication resources:

Microsoft 365

Microsoft 365 managed backup: Off

Public cloud

Public cloud managed backup: Off

Backup Resources

Select backup repository and assign cloud storage quota.

+ Add Edit Set as Default Remove

Backup Repository Cloud Repository Quota Default Repository WAN Accelerator

Add Quota

Backup repository: PCS\\192.168.71.138\backup-veeam

Cloud repository name: BACKUP_VERS_PCS

Repository quota: 2 TB

Set unlimited quota

VMs quota: 0

Workstations quota: 0

Servers quota: 0

OK Cancel

Protect deleted backup files for 1 days

Option to protect deleted backup files is not available for object storage repositories.

Apply Cancel

Previous Next Finish

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

← New Company

Company Info
Company Type
User Info
Services
Billing
Bandwidth
Multi-Factor Authentication
Notifications
Summary

Bandwidth
Specify maximum number of task slots available to this company and if desired, limit the incoming network traffic.

Concurrent tasks

Max concurrent tasks: 1

Each task slot allows processing of a single disk, so companies with one slot assigned will not be able to leverage parallel processing, or run multiple jobs concurrently. This setting applies to direct mode transfers only (WAN accelerators process disks sequentially).

Limit incoming network traffic to:

1 MB/s

Defines maximum incoming network traffic bandwidth that will be accepted from the company. Traffic from companies with more bandwidth will be throttled to the specified amount.

Gateway pool

Enabled option: Automatic selection [Choose...](#)

Data transfer out

Quota: Off 100 GB

Set data transfer out quota for Veeam Cloud Connect.

Ensuite pas de mfa pour le moment

Un summary et on valide

Ensuite on télécharge l'agent on le transfère

Veeam Management Agent Settings (FAS) X


Specify agent connection settings
Connect management agent to the backup portal


Agent status: Connected

Backup portal connection settings

Cloud gateway: 82.64.193.72 Port: 6180

Tag: FAS-SRV-PHY

Security certificate  Not trusted

Remote computer discovery user account:  Not set...

Apply Close

Voilà directement avec l'ip public

Ensuite je regarde sur mon interface vscp

Discovered Computers Backup Agents

Computers Rules

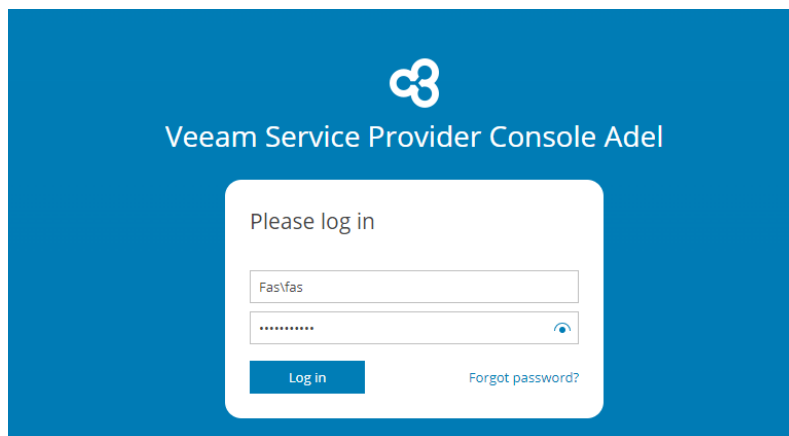
Rule: All rules Hostname Filter (None)

Install Backup Agent Auto Deployment: On Change Settings... Install Backup Server Management Agent Download Management Agent Export to...

Company	Rule	Hostname	Tag	Guest OS	Appli...	Connection Status	Deployment Status	Scheduled Deployment	Deployment Progress	Ma...
Selected: 0 of 1										
<input type="checkbox"/>	FAS	External Disco...	FAS-SRV-INF-01	FAS-SR...	Microsoft Windows Ser...	Applic...	Online	-	None	Heal

Voila c'est parfait

Ensuite je me connecte avec l'user du FAS



J'installe un backup agent

Discovered Computers Backup Agents

Rule: All rules Hostname Filter (None)

Install Backup Agent Management Agent Download Management Agent

<input checked="" type="checkbox"/> Comp...	Rule	Hostn...	Tag	Guest ...	Connection Status	Deployment Status	Schedule
Selected: All 1 items							
<input checked="" type="checkbox"/>	FAS	Extern...	FAS-SRV...	FAS-SR...	Micros...	Online	- None

Install Backup Agent
✕

This operation will attempt to install and perform initial configuration of Veeam backup agents
To start this operation, please specify local administration credentials to use.

Use guest OS credentials from:

Account specified in the discovery rule or in the management agent settings

The following user account: Click the "New" button + New

Backup policy to apply:

Windows server - Entire computer + Create New... 📄 Show

Enable read-only UI access for the backup agent: On

Set default settings for a Windows backup agent: [Configure...](#)

i Target computers must be part of domain or admin shares must be remotely accessible and "File and Printer Sharing" and "Remote Scheduled Tasks Management (RPC)" rules must be open on the computers firewall.

Apply
Cancel

<input type="checkbox"/>	FAS	External Disco...	FAS-SRV-INF-01	FAS-01	Microsoft Windows Ser...	Applic...	Online	▶ Installing...	None	<div style="width: 100%; height: 5px; background: linear-gradient(to right, #ccc, #0070c0);"></div> 1%	✔ Heal
--------------------------	-----	-------------------	----------------	--------	--------------------------	-----------	--------	--	------	--	---

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

Computers Virtual Machines Microsoft 365 Objects

Managed By Console Managed By Backup Server

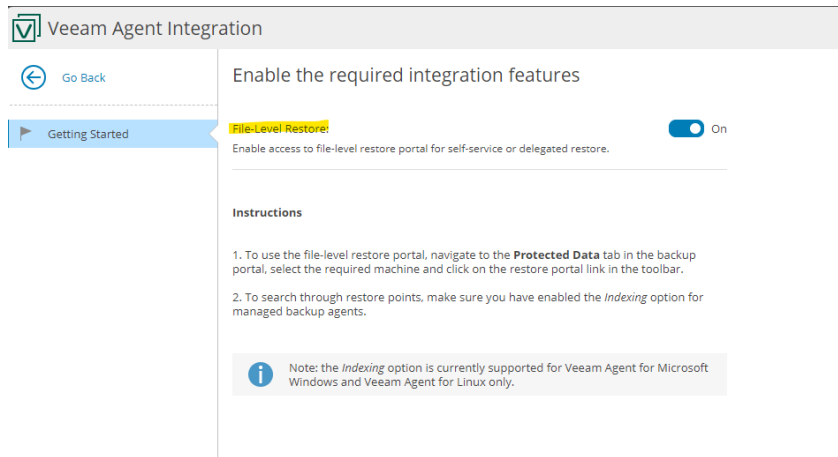
Computer Status: All 🟢 🟡 🔴 🟦 Filter (None)

▶ Start 🛑 Stop ➕ Create Job 🔧 Backup Agent UI Scheduling: 🕒 Enable 🛑 Disable ⚙️ Settings 📄 Download Logs 📄 Export to...

Company	Computer	Tag	Operation Mode	Successful Jobs	Running Jobs	Backup Policy	UI Mode	Last Activity
Selected: 1 of 3								
<input checked="" type="checkbox"/>	FAS	FAS-SRV-INF-01	FAS-01	Server	0 of 1	0 of 1	Applying [Windows server ...	Read-only

Activer la restauration de fichiers pour les agents

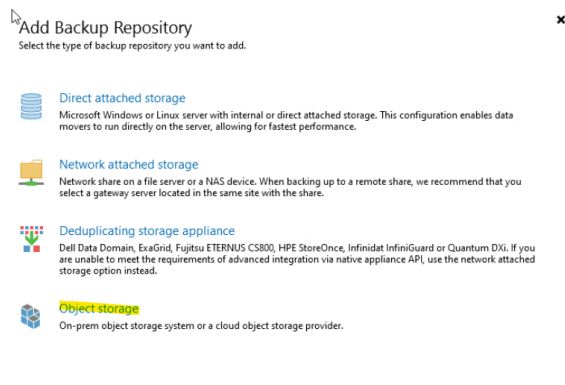
Dans vscp partir dans configuration ensuite sélectionner dans plugin library Veeam Agent



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.

Activator 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 X

 **Name**
Type in a name and description for this object storage repository.


Name	Name: <input type="text" value="Leevia-PCS"/>
Account	Description: <input type="text" value="Created by SRV-VEEAM-PROD-\Administrateur at 20/02/2024 15:12."/>
Bucket	
Mount Server	
Review	
Apply	
Summary	

Limit concurrent tasks to:

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 X

 **Account**
Specify account to use for connecting to S3 compatible storage system.

Name	Service point: <input type="text" value="s3.levia.com"/>
Account	Region: <input type="text" value="us-east-1"/>
Bucket	Credentials: <input type="text" value="Znly.OLLOA6QcQE74Wxi2 (last edited: less than a day ago)"/> Add...
Mount Server	Manage cloud accounts
Review	
Apply	
Summary	

Connection mode:
 Choose...

Specify how object storage should be accessed and configure repository access control settings for backup agents.

< Previous Next > Finish Cancel