

Procédure d'installation Veeam Backup

Pour installer Veeam backup, il faut se rendre sur le lien suivant :

https://www.veeam.com/download-version.html?tab=current&ad=download_email_m

Une fois sur cette page internet, il faut cliquer sur le bouton "download" à gauche de la page.

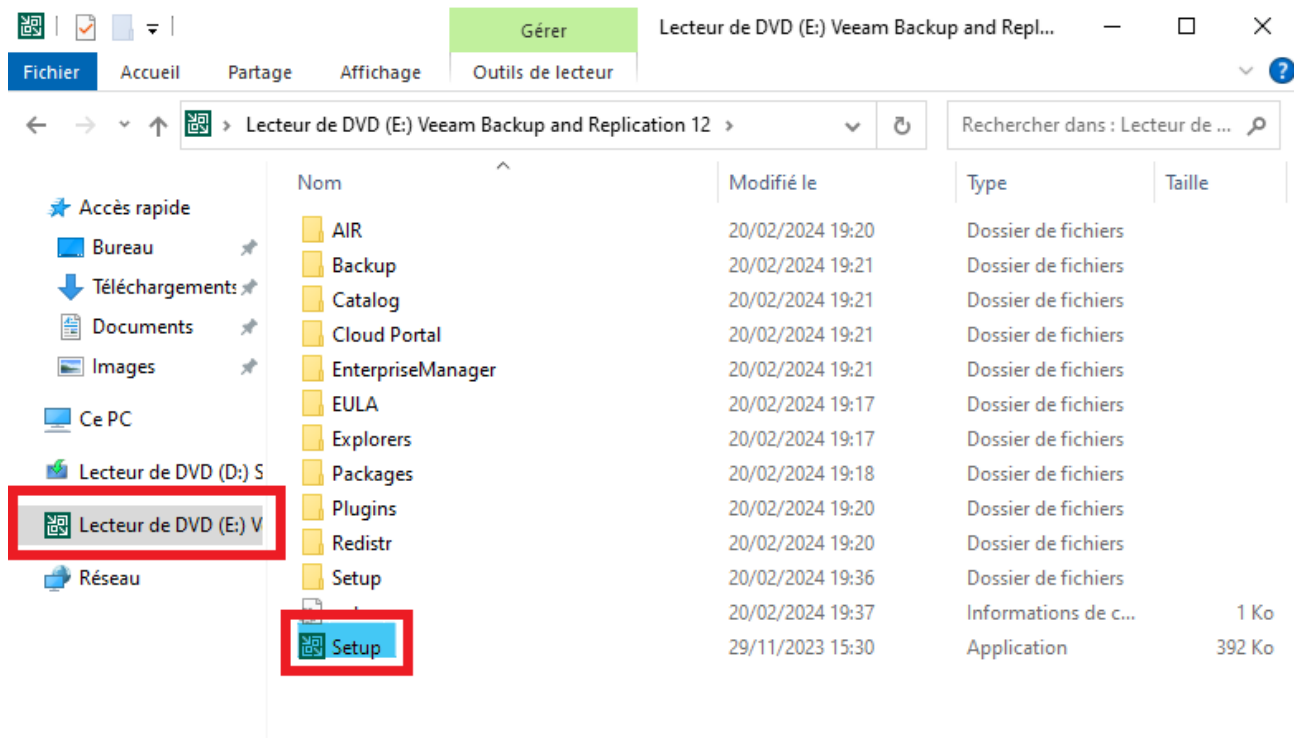
The screenshot shows the Veeam website's download page for Veeam Backup & Replication 12.1. The page has a header with the Veeam logo, a tagline "#1 Global Leader in Data Protection & Ransomware Recovery", and navigation icons. Below the header is a table with three columns: PRODUCT, RELEASE NOTES, and DOWNLOADS. The PRODUCT column contains the text "Veeam Backup & Replication 12.1" and details: Version: 12.1.1.56, Size: 8.8 GB, MD5: 958b...c06e, and SHA-1: 703e...d681. The RELEASE NOTES column contains a link to "Release notes" and the date "December 5, 2023". The DOWNLOADS column contains a large blue button with the text "DOWNLOAD" in white, which is highlighted with a red rectangular border.

Une fois le dossier téléchargé rendez vous sur l'explorateur de fichier à l'emplacement du dossier puis cliquer sur "VeeamBackup&Replication_12.1.1.56..."

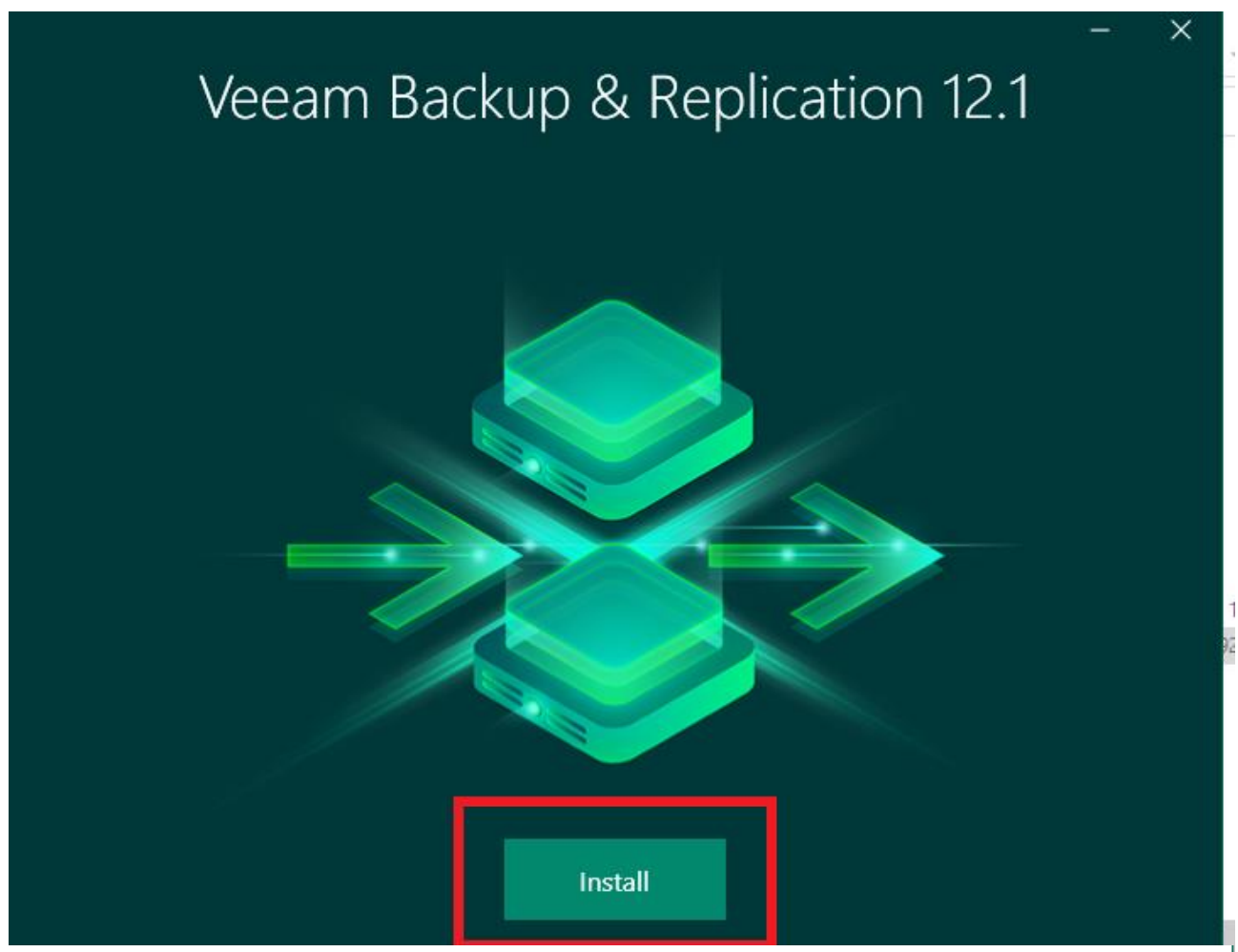
Ce fichier vous enverra sur le "Lecteur DVD (E:)"

The screenshot shows a Windows File Explorer window titled "Téléchargements". The address bar shows the path "Ce PC > Téléchargements". The left sidebar shows the "Accès rapide" section with "Bureau", "Téléchargements", "Documents", and "Images". The main area displays a table of files. The first file is highlighted with a red rectangular border. The file is named "VeeamBackup&Replication_12.1.1.56_202..." and has a size of 9 274 400 Ko. The file type is "Fichier d'image di...". The date modified is "02/04/2024 19:28".

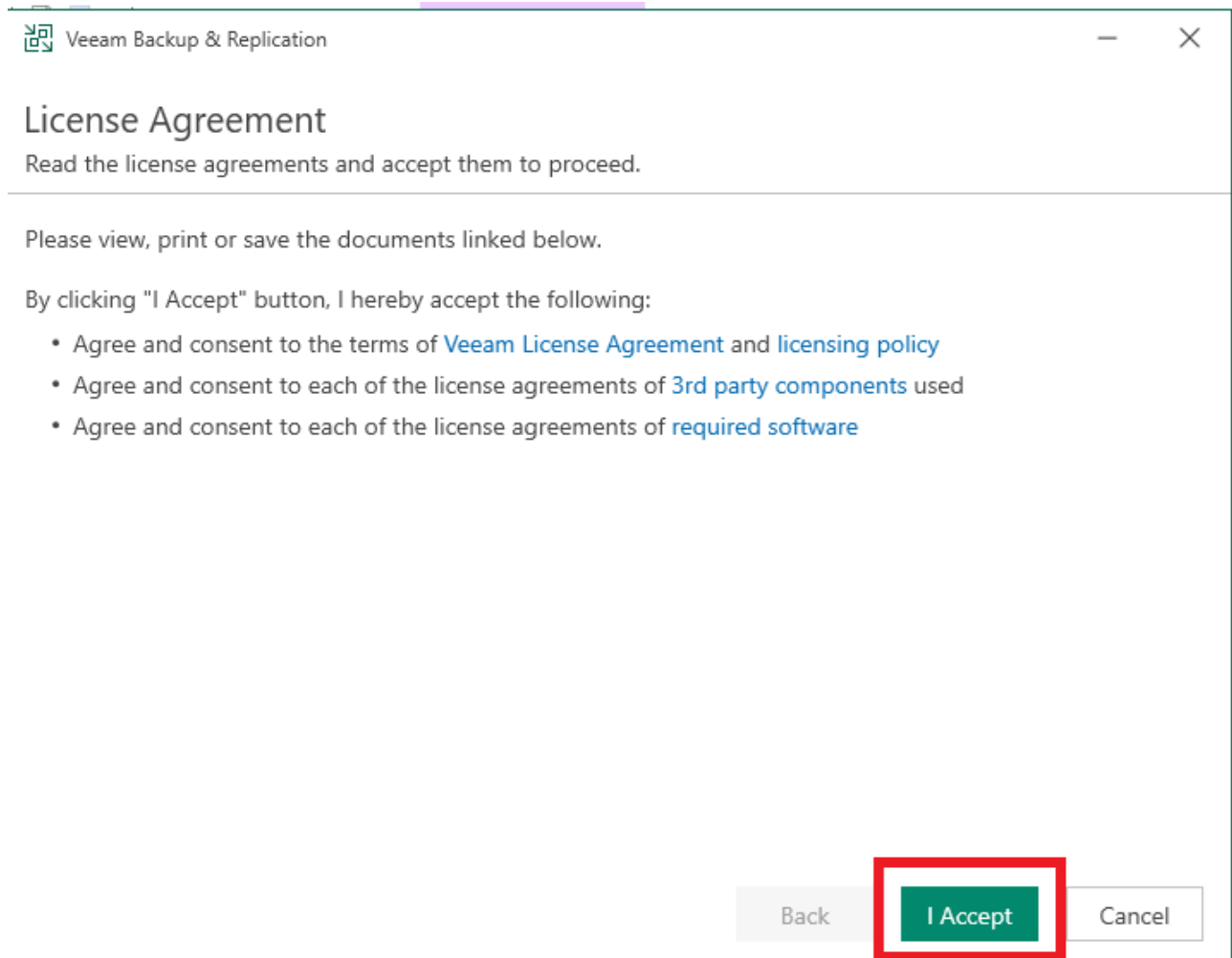
Une fois sur le "Lecteur DVD (E:)", cliquer sur le fichier "Setup"



L'application Veeam Backup doit se lancer, il faut maintenant cliquer sur "Install"



Sur cette page cliquer sur "I accept"



Sur cette page cocher la case "Update license automatically" puis cliquer sur "Next"

Veeam Backup & Replication

License

Provide license file for Veeam Backup & Replication.

Select license provisioning method:

 [Sign in with Veeam](#) |  [Browse license file](#)

License details:
Community edition, 10 instances, limited functionality & personal use only

☒ 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.

 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](#)

Veeam Backup & Replication

Service Account

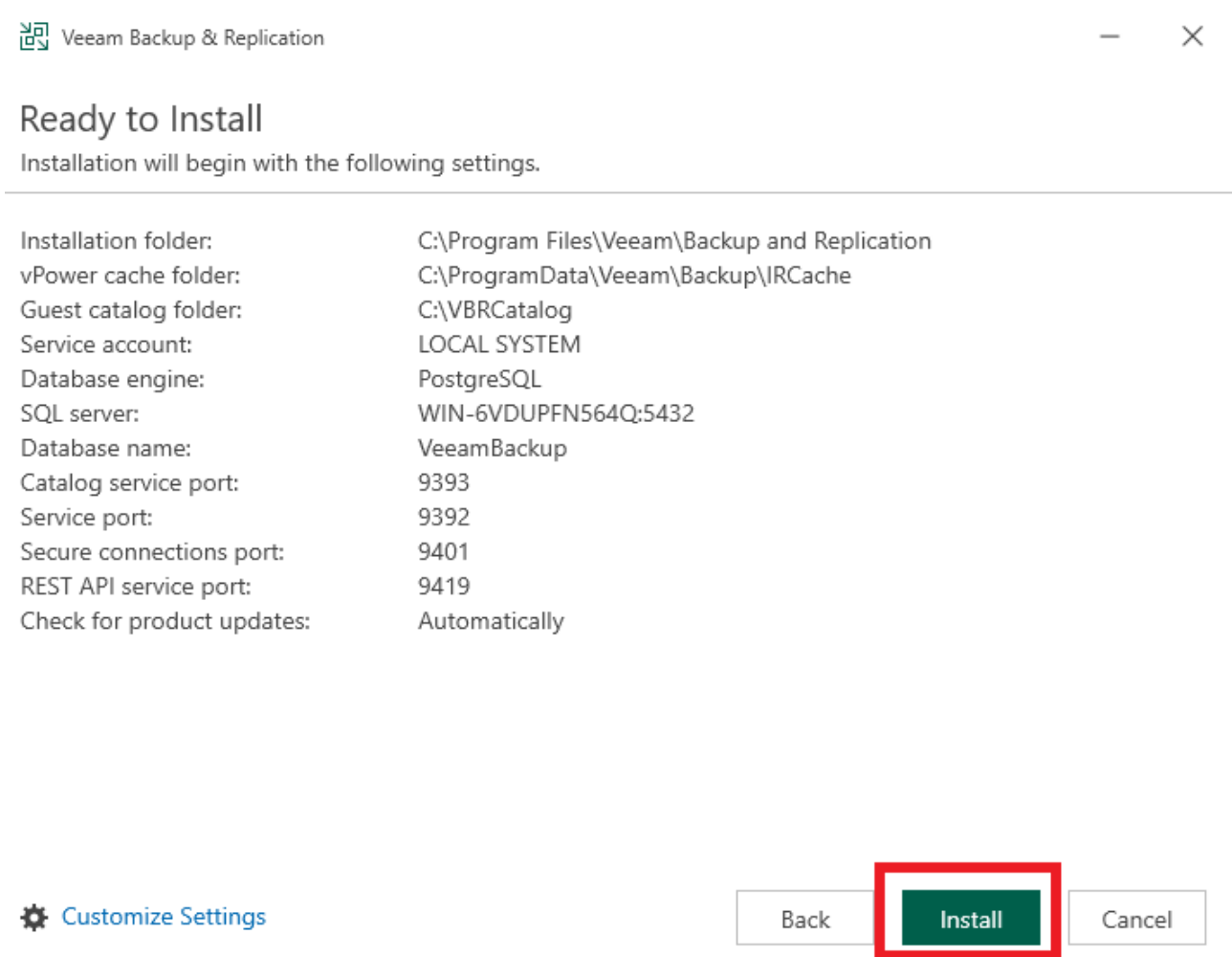
Specify account for Veeam Backup & Replication.

☒ LOCAL SYSTEM account (Recommended)

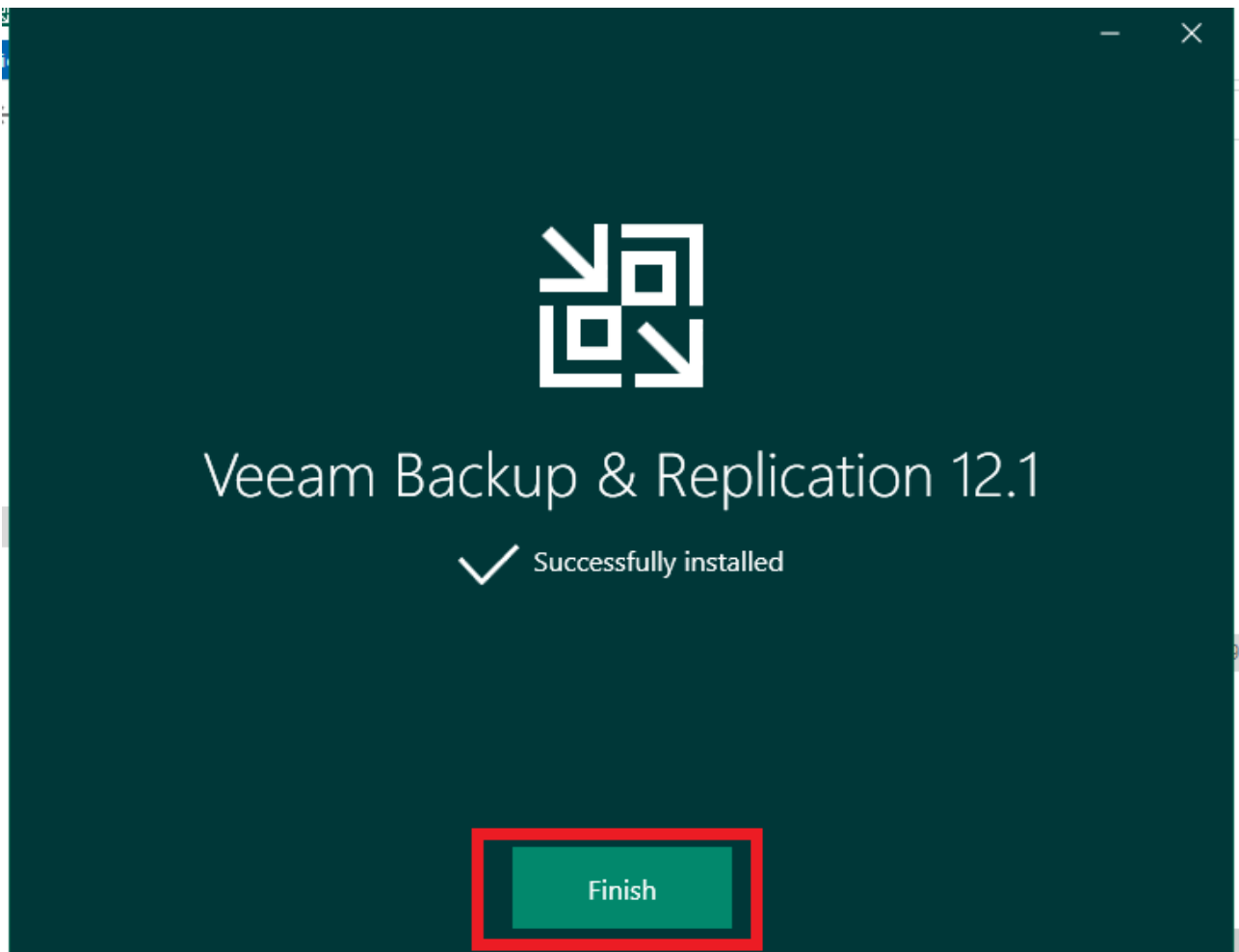
☐ The following user account:
User name:
  Choose...
Type in the user name in the DOMAIN\USERNAME format.
The specified user account must have local administrator privileges on this server.
Password:

[Back](#) [Next](#) [Cancel](#)

Ensuite cliquer sur "Install" et l'application doit s'installer ce qui peut être très long.

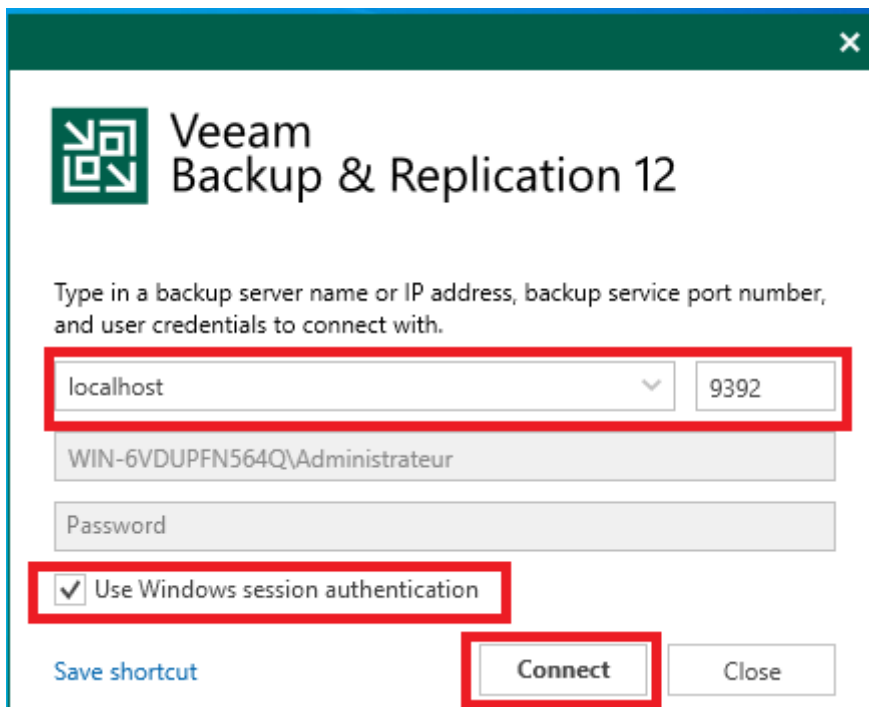


Cette page indique l'installation est réussie. Cliquer sur "Finish"



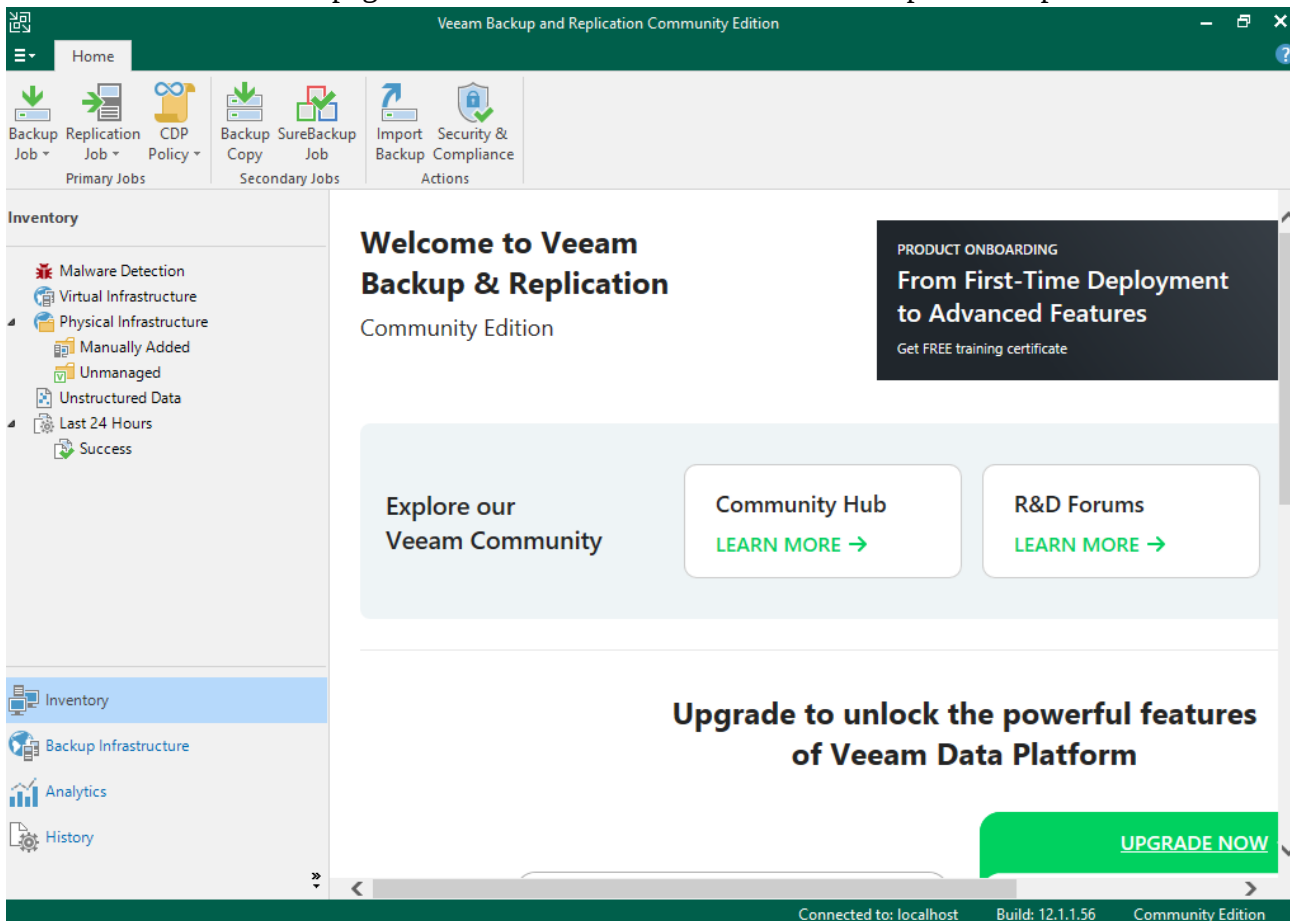
Installation du Repository

Assurez vous ensuite de selectionner "localhost", cochez "Use Windows session authentication", puis cliquer sur "Connect".



The image shows the Veeam Backup & Replication 12 connection dialog. It has a dark green header with the Veeam logo and title. Below the title, there is a text prompt: "Type in a backup server name or IP address, backup service port number, and user credentials to connect with." The form contains several fields: a dropdown menu for the server name (set to "localhost"), a text box for the port number (set to "9392"), a text box for the username (set to "WIN-6VDUPFN564Q\Administrateur"), and a password field. Below these fields is a checkbox labeled "Use Windows session authentication" which is checked. At the bottom, there are three buttons: "Save shortcut", "Connect", and "Close". Red rectangular boxes highlight the "localhost" dropdown, the "9392" port field, the "Use Windows session authentication" checkbox, and the "Connect" button.

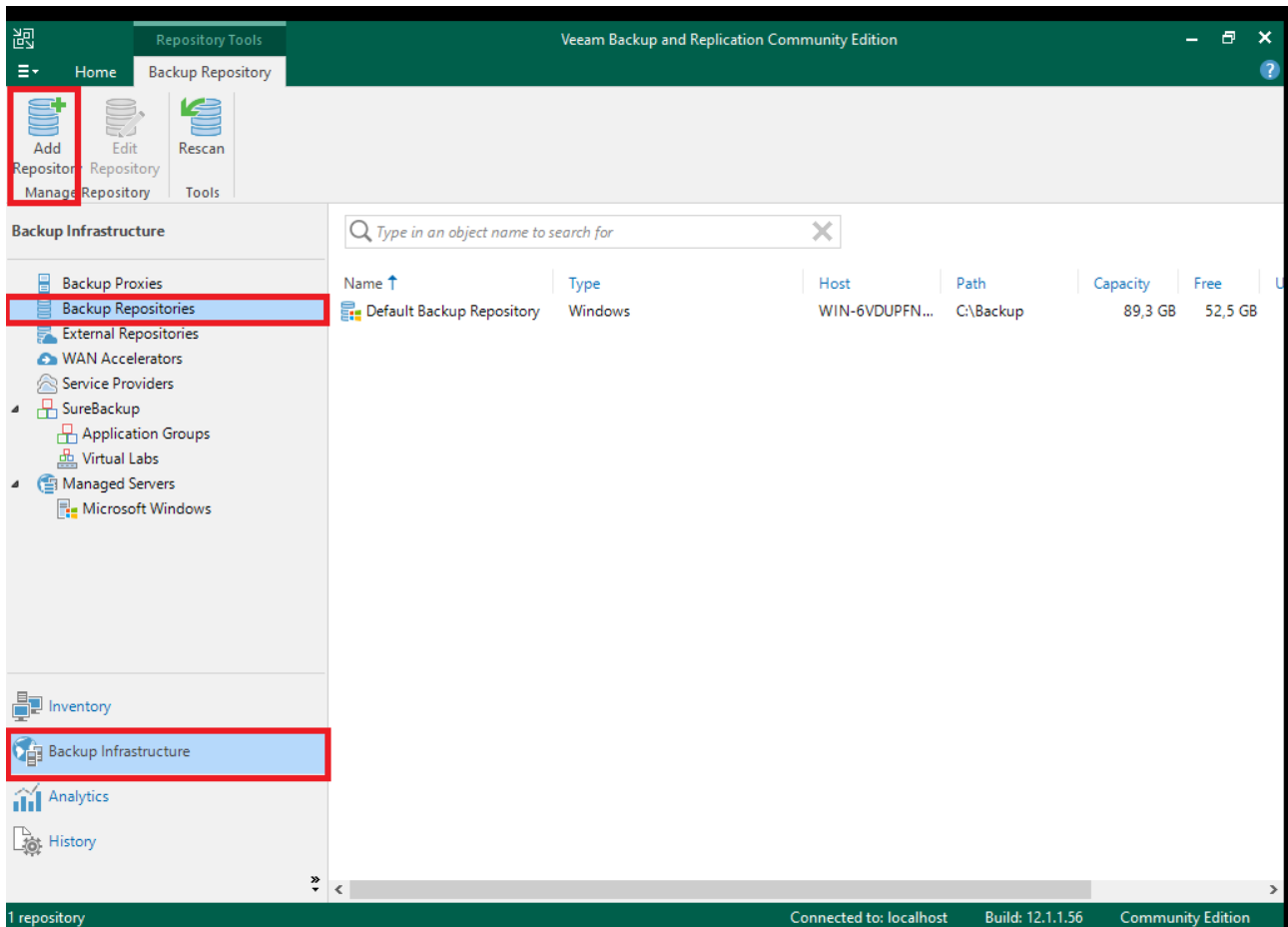
Une fois arriver sur cette page vous avez réussi ! Veeam est installé et prêt à l'emploi !



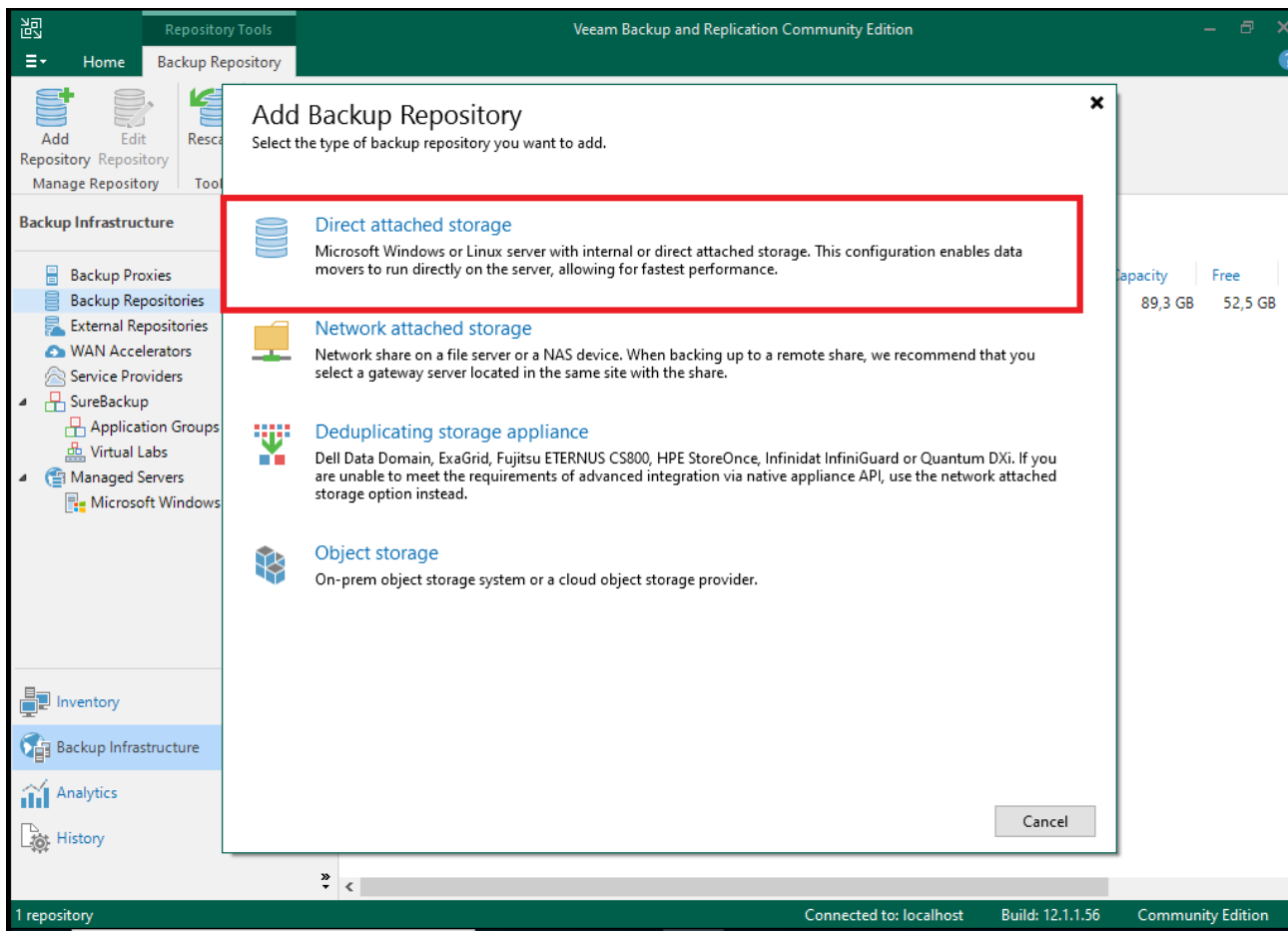
Pour démarrer l'utilisation de Veeam Backup et pour effectuer une sauvegarde il faut :

Cliquer sur "Backup infrastructure " en bas à gauche de la page, puis cliquer sur "Backup Repositories".

Une fois sur la page ci-dessous cliquer sur "Add Repository Manage" en haut à gauche de la page.



Sur ce pop up, il faut choisir "Direct attached storage"



Ensuite sélectionner le système d'exploitation en fonction du serveur de sauvegarde que vous voulez sauvegarder, dans notre cas c'est windows.

 **Direct Attached Storage** 

Select the operating system type of a server you want to use as a backup repository.

 **Microsoft Windows**
Adds local storage presented as a regular volume or Storage Spaces. For better performance and storage efficiency, we recommend using ReFS.

 **Linux**
Adds local storage or locally mounted NFS share. For better performance and storage efficiency, we recommend using XFS. The Linux server must use bash shell, and have SSH and Perl installed.

 **Linux (Hardened Repository)**
Requires a Linux server with internal or direct attached storage. This configuration enables protection against cybersecurity threats with immutable backups. The Linux server must use bash shell and have SSH installed. For reduced attack surface, minimal Linux installation is highly recommended.

Cancel

Ensuite configurez le Repository en indiquant le nom dans la cas "Name", puis clquer sur "Next"

The screenshot shows the 'New Backup Repository' wizard at the 'Name' step. The left sidebar contains a tree view with 'Name' selected. The main area has a 'Name:' label and a text input field containing 'Backup Repository 1', which is highlighted with a red rectangle. Below it is a 'Description:' label and a text area containing 'Created by WIN-6VDUPFN564Q\Administrateur at 02/04/2024 20:51.' At the bottom right, there are four buttons: '< Previous', 'Next >' (highlighted with a red rectangle), 'Finish', and 'Cancel'.

New Backup Repository

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

Name:
Backup Repository 1

Description:
Created by WIN-6VDUPFN564Q\Administrateur at 02/04/2024 20:51.

< Previous **Next >** Finish Cancel

Sur cette page "Server" cliquer sur "Add new repository"

The screenshot shows the 'New Backup Repository' wizard at the 'Server' step. The left sidebar contains a tree view with 'Server' selected. The main area has a 'Repository server:' label and a dropdown menu showing 'WIN-5RQPB6JO5CD.sauvegarde.local (Backup server)'. To the right of the dropdown is an 'Add New...' button. Below the dropdown is a table with columns 'Path', 'Capacity', and 'Free'. To the right of the table is a 'Populate' button. At the bottom right, there are four buttons: '< Previous', 'Next >' (highlighted with a blue border), 'Finish', and 'Cancel'. On the far right, there is a partial view of a table with columns 'Capacity' and 'Free'.

New Backup Repository

Server
Choose repository server. You can select server from the list of managed servers added to the console.

Repository server:
WIN-5RQPB6JO5CD.sauvegarde.local (Backup server) Add New...

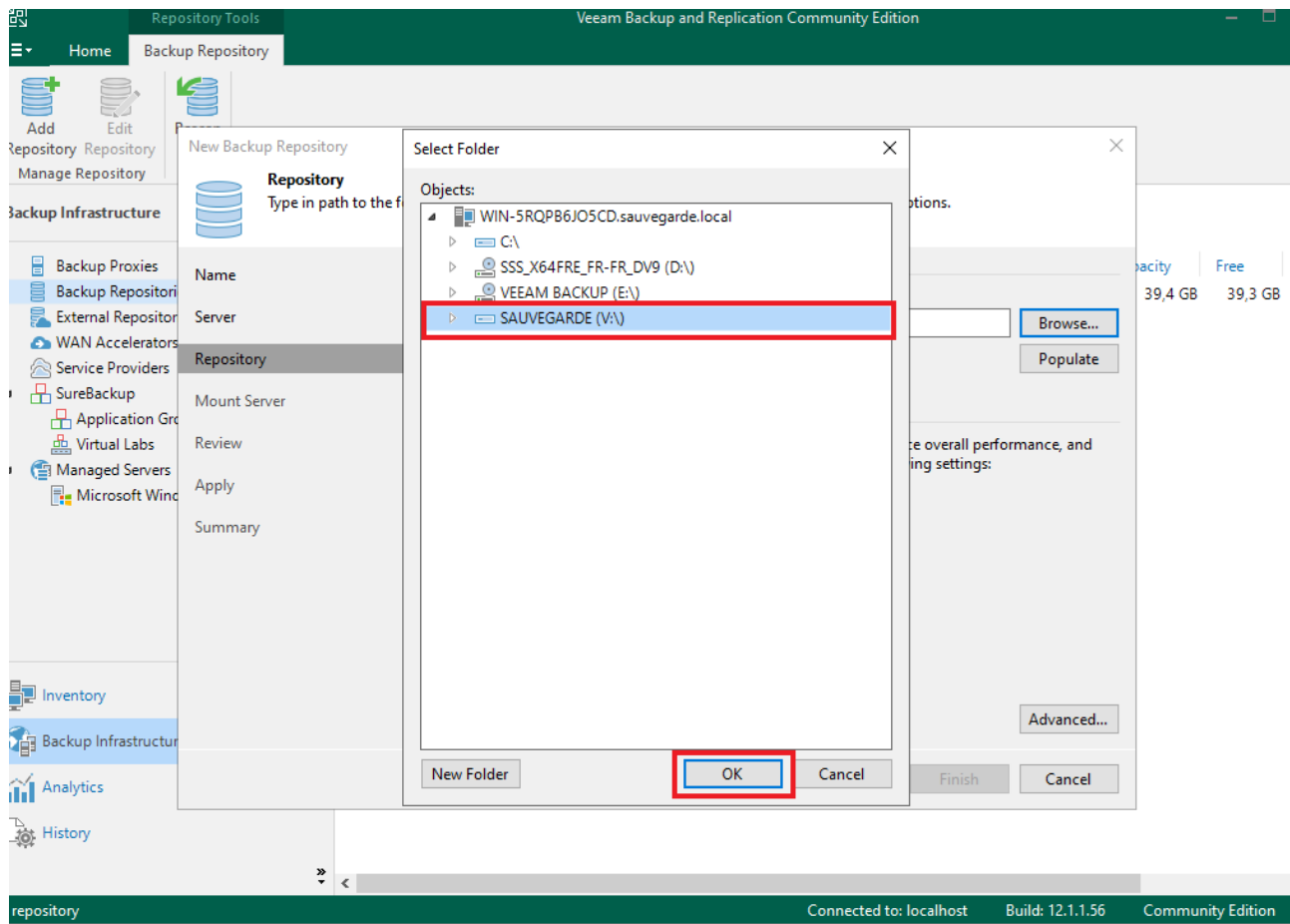
Path	Capacity	Free
------	----------	------

Populate

< Previous **Next >** Finish Cancel

Capacity	Free
39,4 GB	39,3 GB

Sélectionner le disque sur lesquelles il y aura la sauvegarde



Trouver le chemin du disque de sauvegarde

New Backup Repository



Repository

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

Name	Location
Server	Path to folder: V:\
Repository	Browse...
Mount Server	Capacity: <Unknown> Free space: <Unknown>
Review	Populate
Apply	Load control
Summary	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:
	☒ Limit maximum concurrent tasks to: 4
	☐ Limit read and write data rate to: 1 MB/s
	Click Advanced to customize repository settings.
	Advanced...
	< Previous Next > Finish Cancel

Trouver ce chemin Veeam sur votre disque où est installé Veeam

New Backup Repository ×

 **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:
Server	WIN-5RQPB6JO5CD.sauvegarde.local (Backup server) Add New...
Repository	Instant recovery write cache folder: V:\ProgramData\Veeam\Backup\IRCache\ Browse...
Mount Server	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. ☒ Enable vPower NFS service on the mount server (recommended) Ports... 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.
Review	
Apply	
Summary	

< Previous Next > Finish Cancel

Le résumé pour vous dire quand tout est bon puis cliquer sur Apply

New Backup Repository ×

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

Name

Server

Repository

Mount Server

Review

Apply

Summary

The following components will be processed on server WIN-5RQPB6JO5CD.sauvegarde.local:

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

Cliquer sur Next

New Backup Repository



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

Name

Server

Repository

Mount Server

Review

Apply

Summary

Message	Duration
✓ Starting infrastructure item update process	0:00:05
✓ [WIN-5RQPB6JO5CD] Discovering installed packages	
✓ Registering client WIN-5RQPB6JO5CD for package Transport	
✓ Registering client WIN-5RQPB6JO5CD for package vPower NFS	
✓ Registering client WIN-5RQPB6JO5CD for package Mount Server	
✓ Discovering installed packages	
✓ All required packages have been successfully installed	
✓ Detecting server configuration	
✓ Reconfiguring vPower NFS service	0:00:07
✓ Creating configuration database records for installed packages	
✓ Collecting backup repository info	
✓ Creating database records for repository	0:00:01
✓ Backup repository has been saved successfully	

< Previous

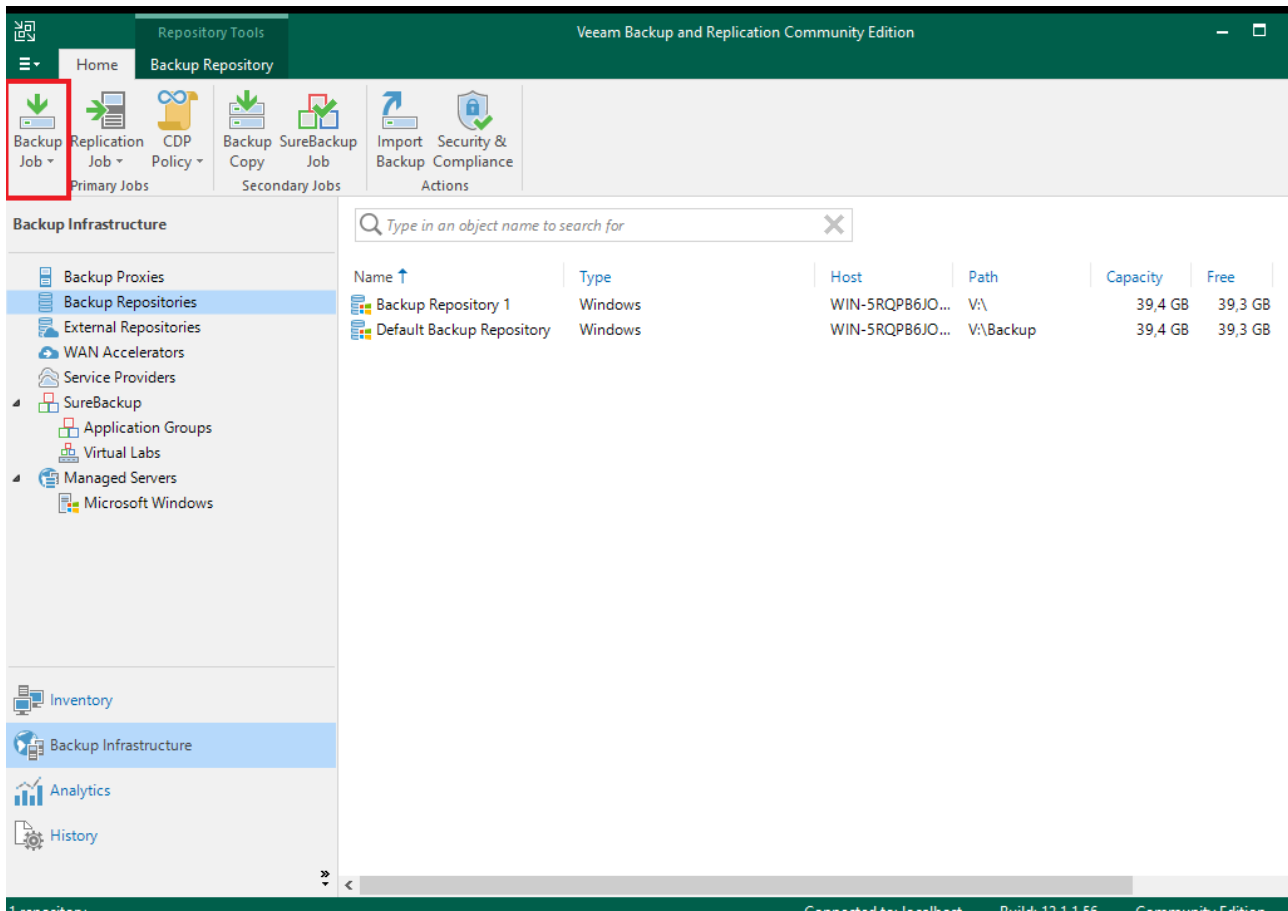
Next >

Finish

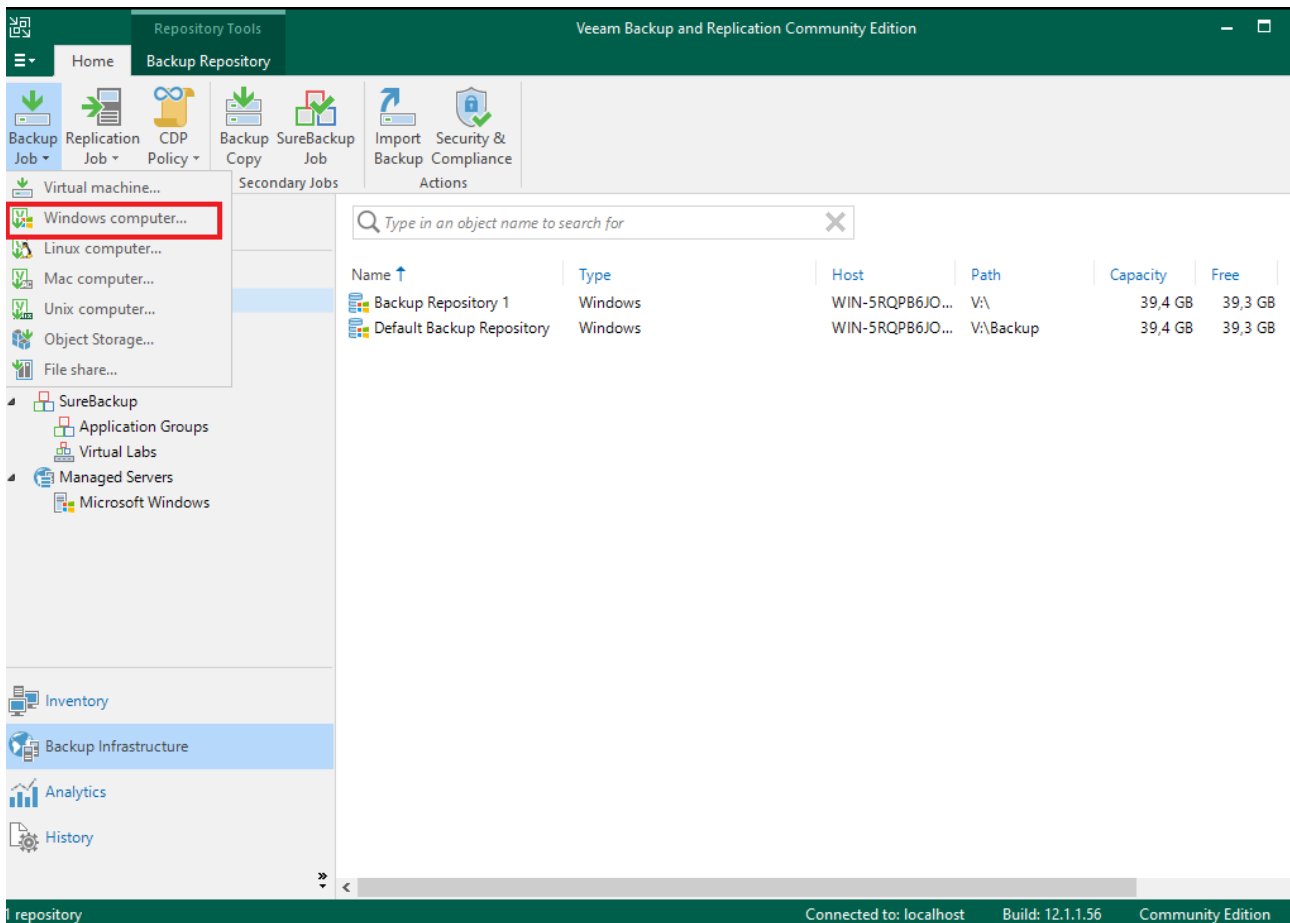
Cancel

Création de job :

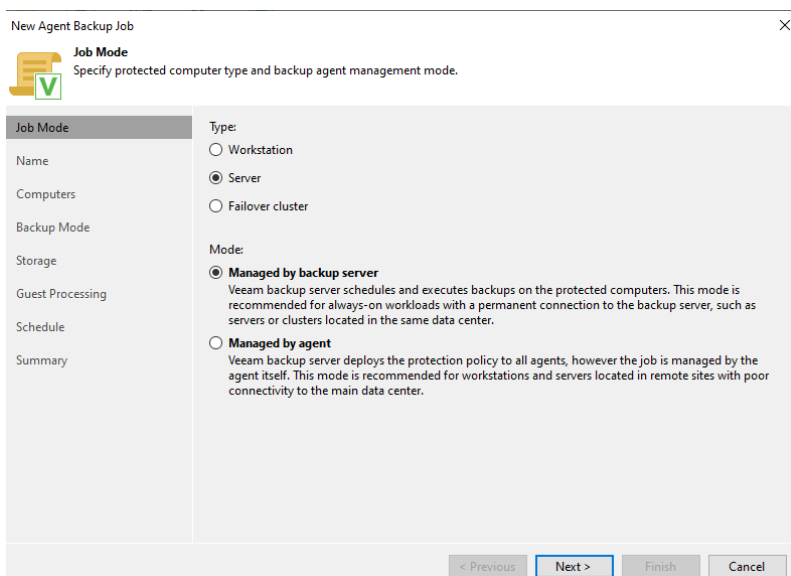
Dans « Home » cliquer sur « Backup Job » puis « Windows Computer » pour sauvegarder vos machines virtuelles Windows titre : La création de Job



Dans Backup Job, allez sur Windows computer



Sélectionner le type de job que vous voulez faire, ainsi que le mode de traitement, soit par un agent soit par un serveur.



Mettre le nom du job

New Agent Backup Job ✕

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

Job Mode	Name: Agent Backup Job 1
Name	Description: Created by SAUVEGARDE\Administrateur at 02/04/2024 23:20.
Computers	
Backup Mode	
Storage	
Guest Processing	
Schedule	
Summary	

☐ 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

Mettre le nom ou l'ip de l'host

Add Computer ✕

Host name or IP address:

Credentials:
 ▼
[Manage accounts](#)

Sélectionner le mode de sauvegarde que vous voulez effectuer sur votre machine

New Agent Backup Job ×

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

Job Mode	☒ 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. ☐ Include external USB drives
Name	
Computers	
Backup Mode	☐ 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.
Storage	
Guest Processing	
Schedule	
Summary	

< Previous **Next >** Finish Cancel

Cliquez sur Next

New Agent Backup Job ×

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

Job Mode	Backup repository: Default Backup Repository (Created by Veeam Backup) ▼
Name	 39,3 GB free of 39,4 GB Map backup
Computers	Retention policy: 7 ▼ days ▼
Backup Mode	☐ Keep certain full backups longer for archival purposes Configure...
Storage	☐ Configure secondary destinations for this job GFS retention policy is not configured 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.
Guest Processing	
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

Cocher la case Run puis cliquer sur Apply

New Agent Backup Job ×

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

Job Mode ☒ Run the job automatically

Name ☒ Daily at this time: 22:00 Everyday Days...

Computers ☐ Monthly at this time: 22:00 Fourth samedi Months...

Backup Mode ☐ Periodically every: 1 Hours Schedule...

Storage ☐ After this job: ▼

Guest Processing **Automatic retry**

☒ Retry failed items processing: 3 times

Wait before each retry attempt for: 10 minutes

Schedule **Backup window**

☐ Terminate job outside of the backup window Window...

Prevent long-running or accidentally started job from impacting your production infrastructure during the busy hours.

< Previous Apply Finish Cancel

Votre Job est prêt, cliquer dessus et sélectionner « Active Full » pour une sauvegarde complète de votre machine.