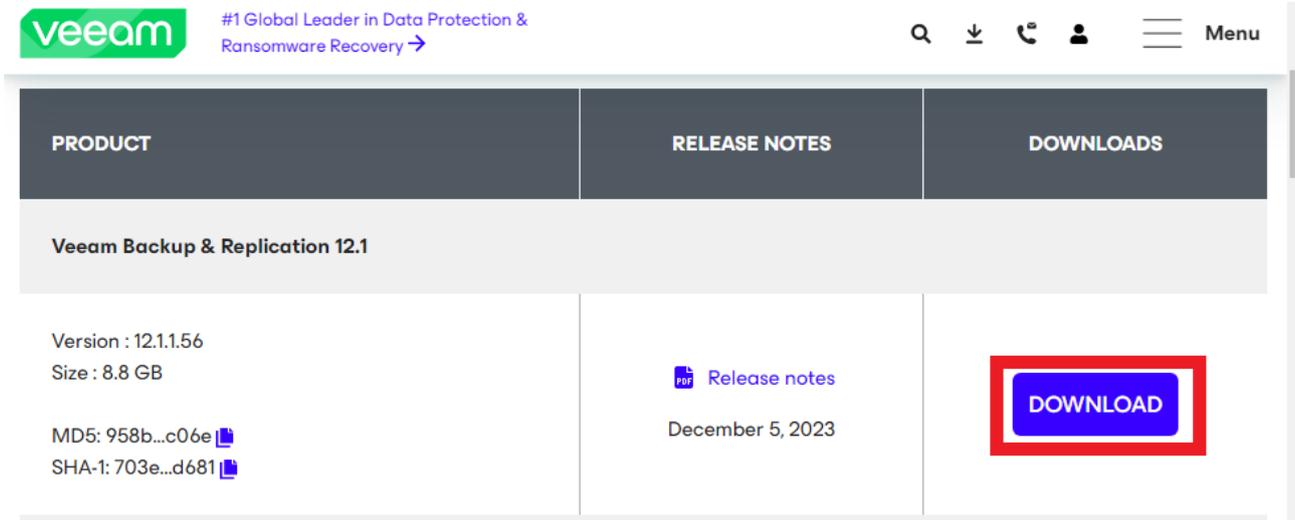


Procédure d'installation Veeam Backup

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.



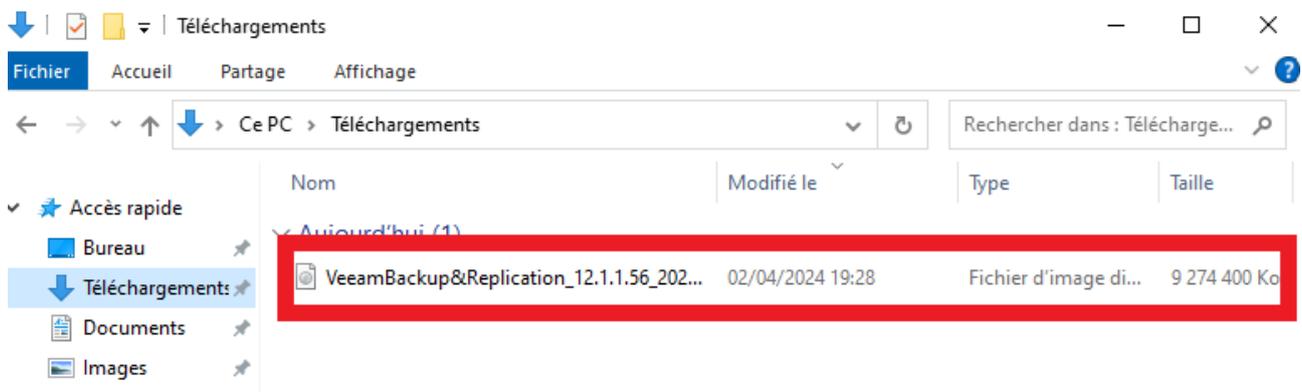
veeam #1 Global Leader in Data Protection & Ransomware Recovery →

Q ↓ ☎ 👤 ☰ Menu

PRODUCT	RELEASE NOTES	DOWNLOADS
Veeam Backup & Replication 12.1		
Version : 12.1.1.56 Size : 8.8 GB MD5: 958b...c06e  SHA-1: 703e...d681 	 Release notes December 5, 2023	DOWNLOAD

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:)"



Téléchargements

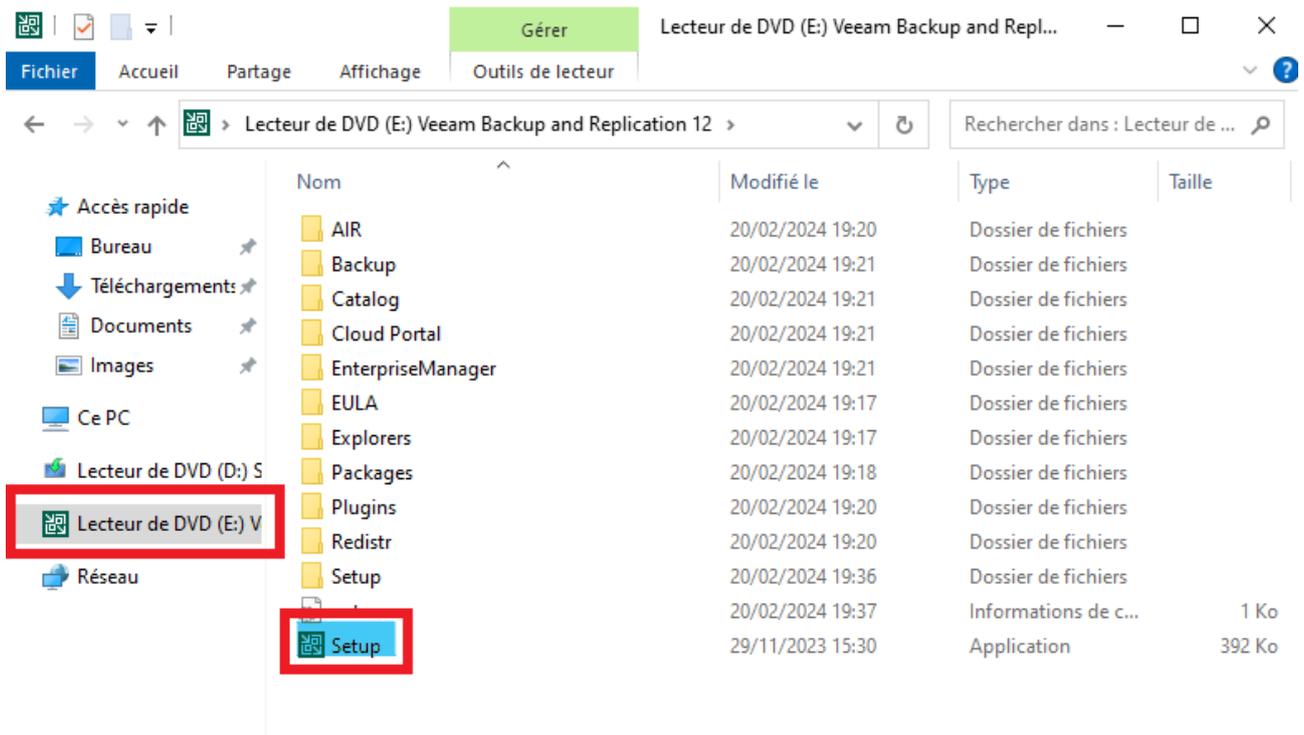
Fichier Accueil Partage Affichage

Ce PC > Téléchargements

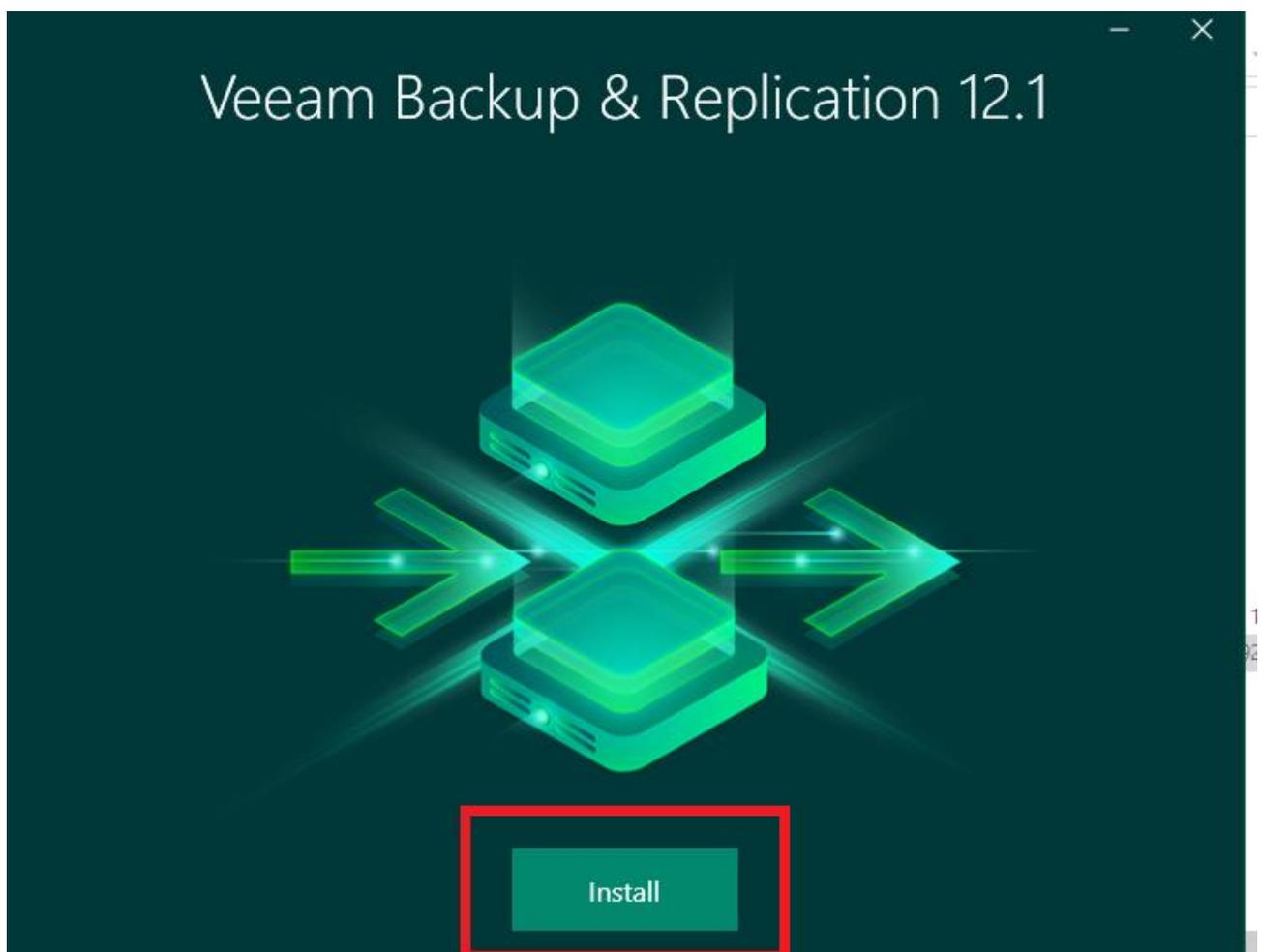
Rechercher dans : Télécharge...

Nom	Modifié le	Type	Taille
VeeamBackup&Replication_12.1.1.56_202...	02/04/2024 19:28	Fichier d'image di...	9 274 400 Ko

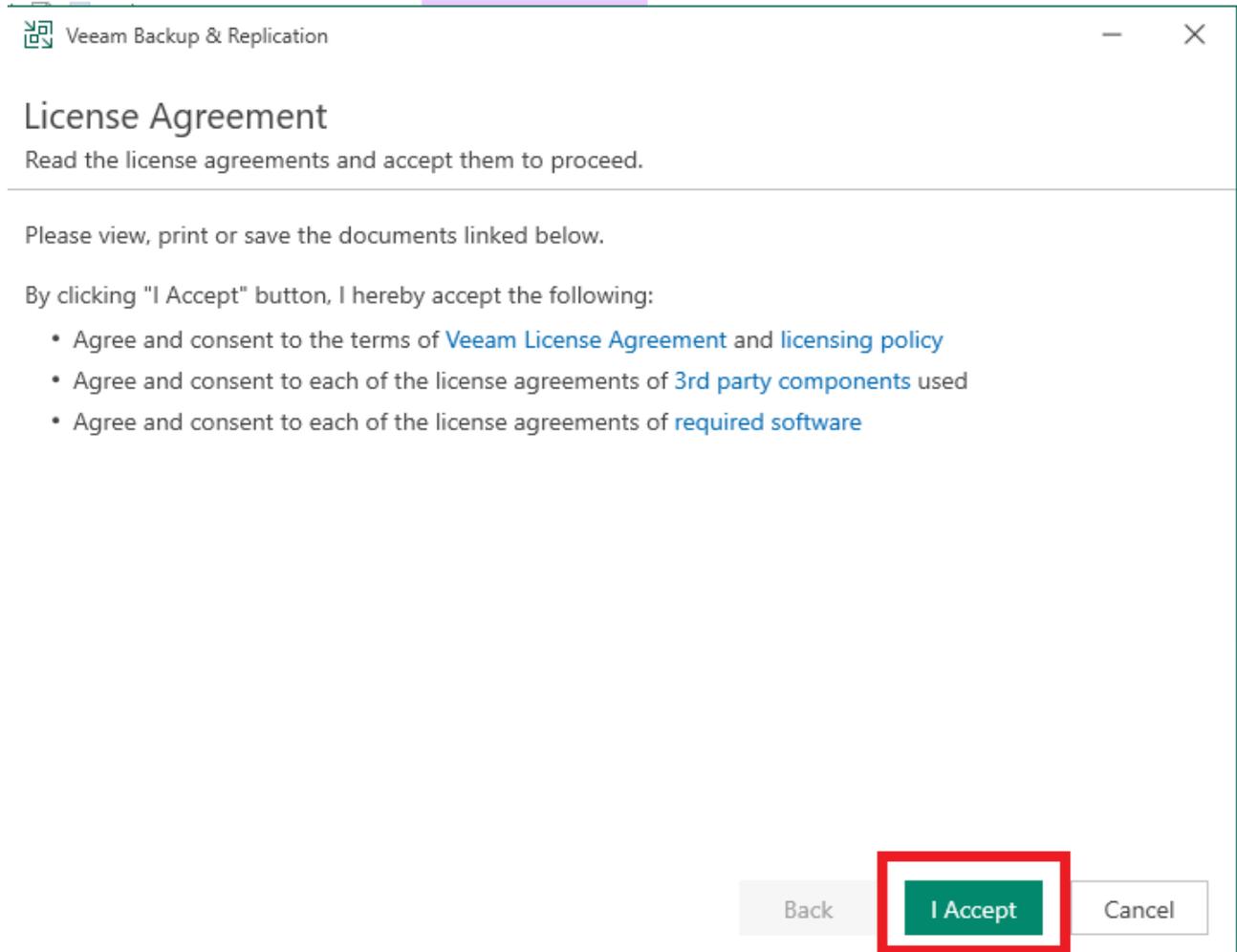
Une fois sur le "Lecteur DVD (E:)", cliquer sur le fichier "Setup"



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



Sur cette page cliquer sur "I accept"



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

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.

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.

Veeam Backup & Replication

Service Account

Specify account for Veeam Backup & Replication.

LOCAL SYSTEM account (Recommended)

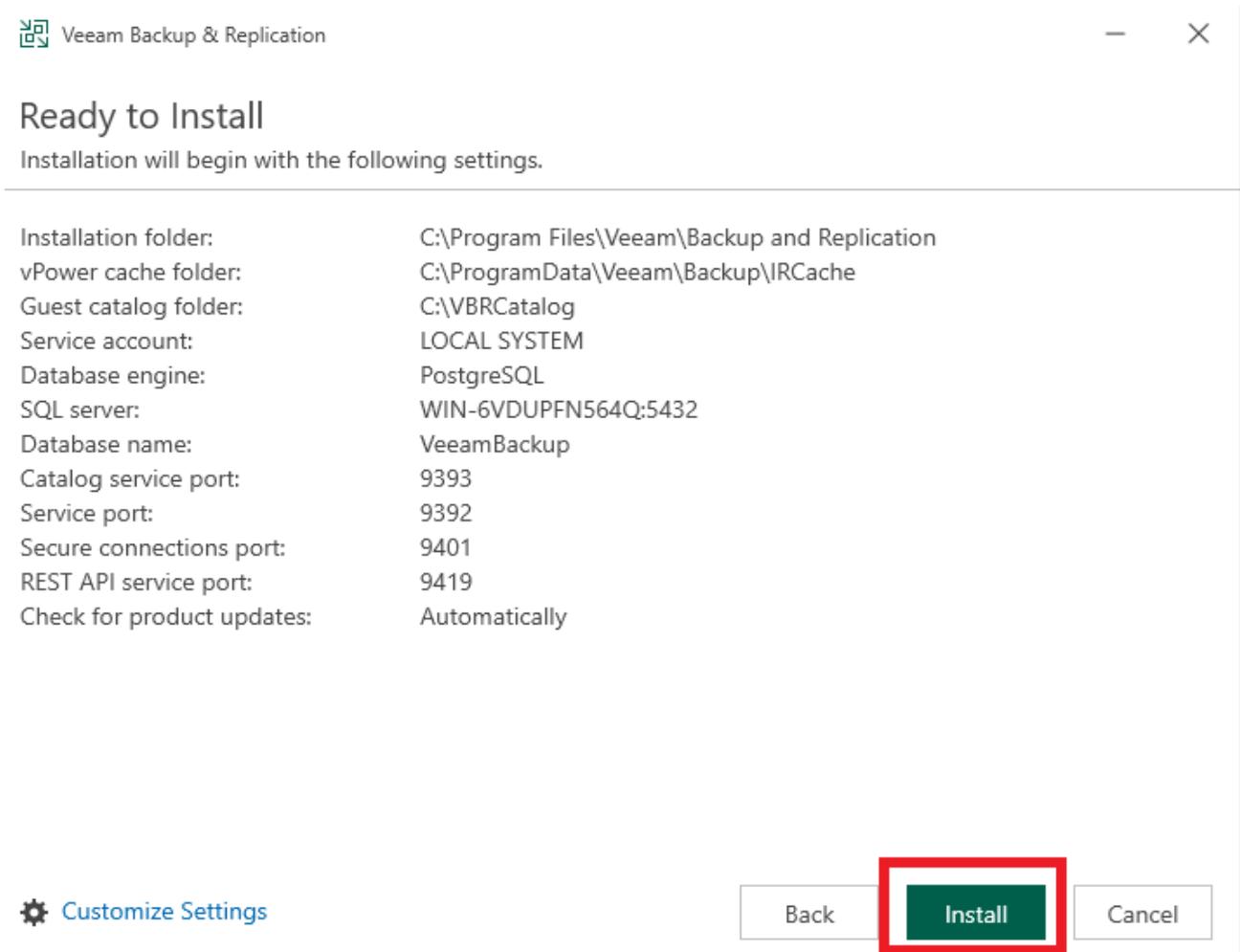
The following user account:

User name:

Type in the user name in the DOMAIN\USERNAME format.
The specified user account must have local administrator privileges on this server.

Password:

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



Veeam Backup & Replication

Ready to Install

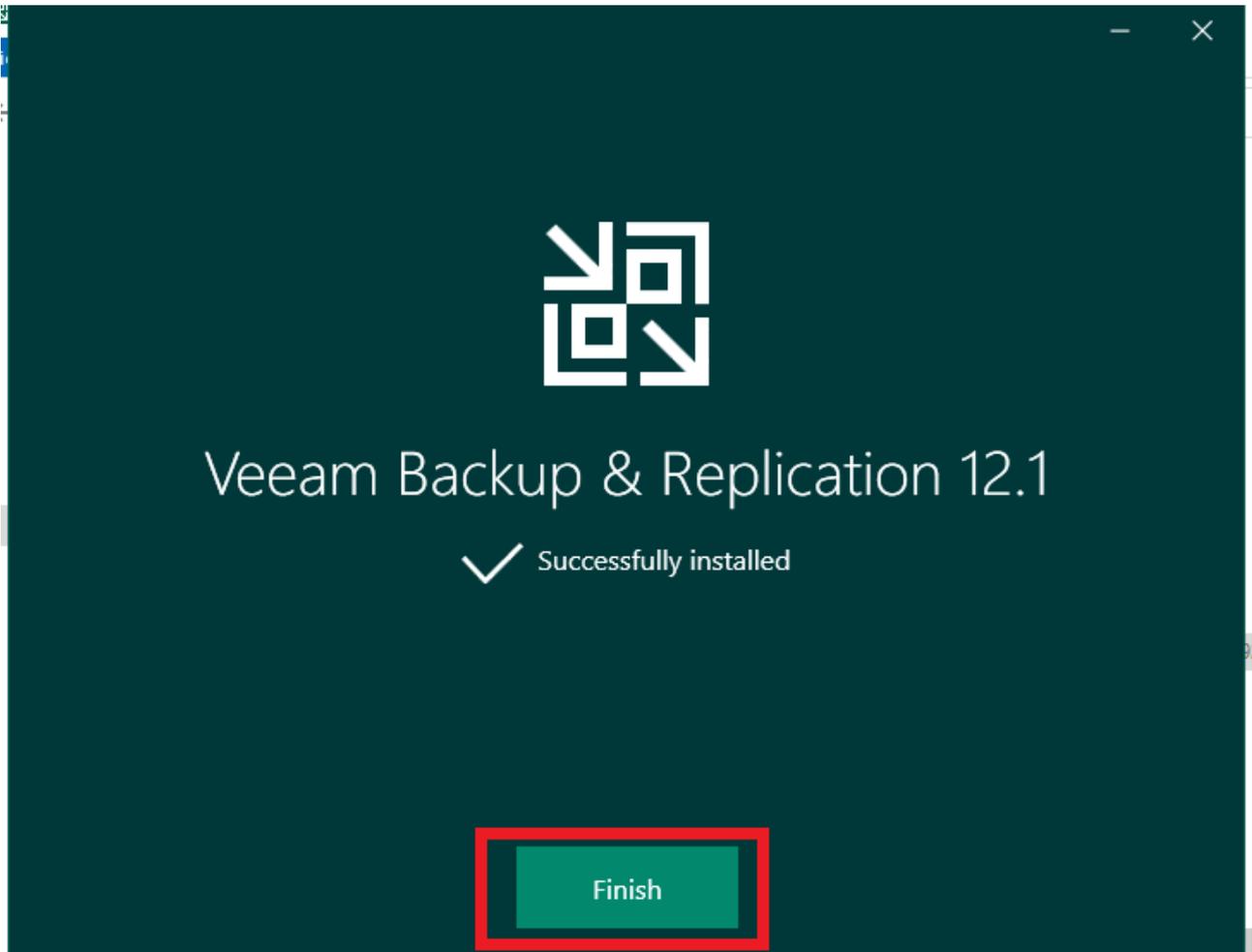
Installation will begin with the following settings.

Installation folder:	C:\Program Files\Veeam\Backup and Replication
vPower cache folder:	C:\ProgramData\Veeam\Backup\IRCache
Guest catalog folder:	C:\VBRCatalog
Service account:	LOCAL SYSTEM
Database engine:	PostgreSQL
SQL server:	WIN-6VDUPFN564Q: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](#)

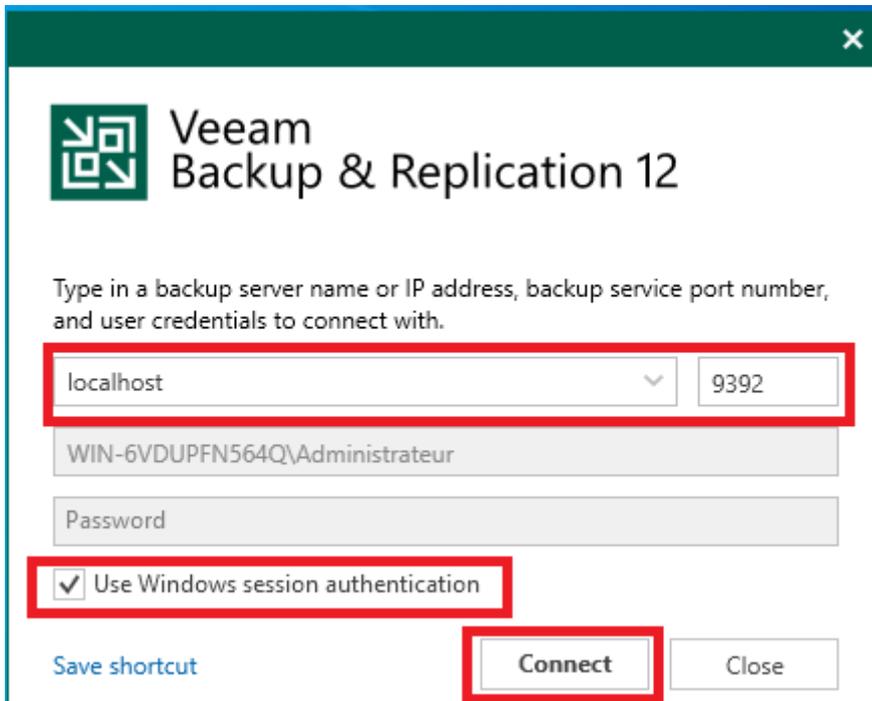
Back **Install** Cancel

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



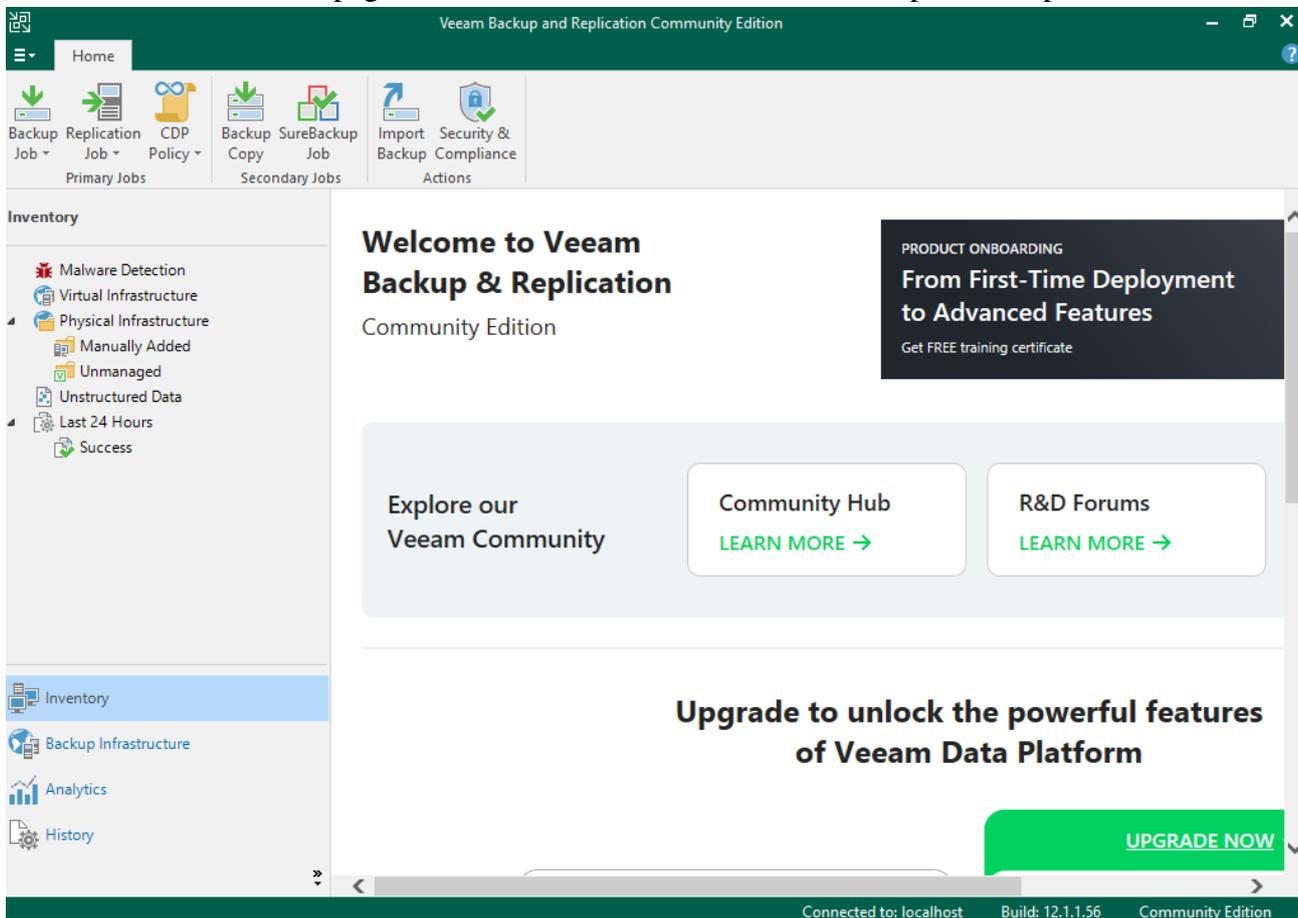
Installation du Repository

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



The screenshot shows the 'Veeam Backup & Replication 12' connection dialog. It features a green header with the Veeam logo and title. Below the header, 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 dialog contains several input fields: a dropdown menu with 'localhost' selected, a port number field with '9392', a text field for the username 'WIN-6VDUPFN564Q\Administrateur', and a password field. A checkbox labeled 'Use Windows session authentication' is checked. At the bottom, there are three buttons: 'Save shortcut', 'Connect', and 'Close'. Red 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 !

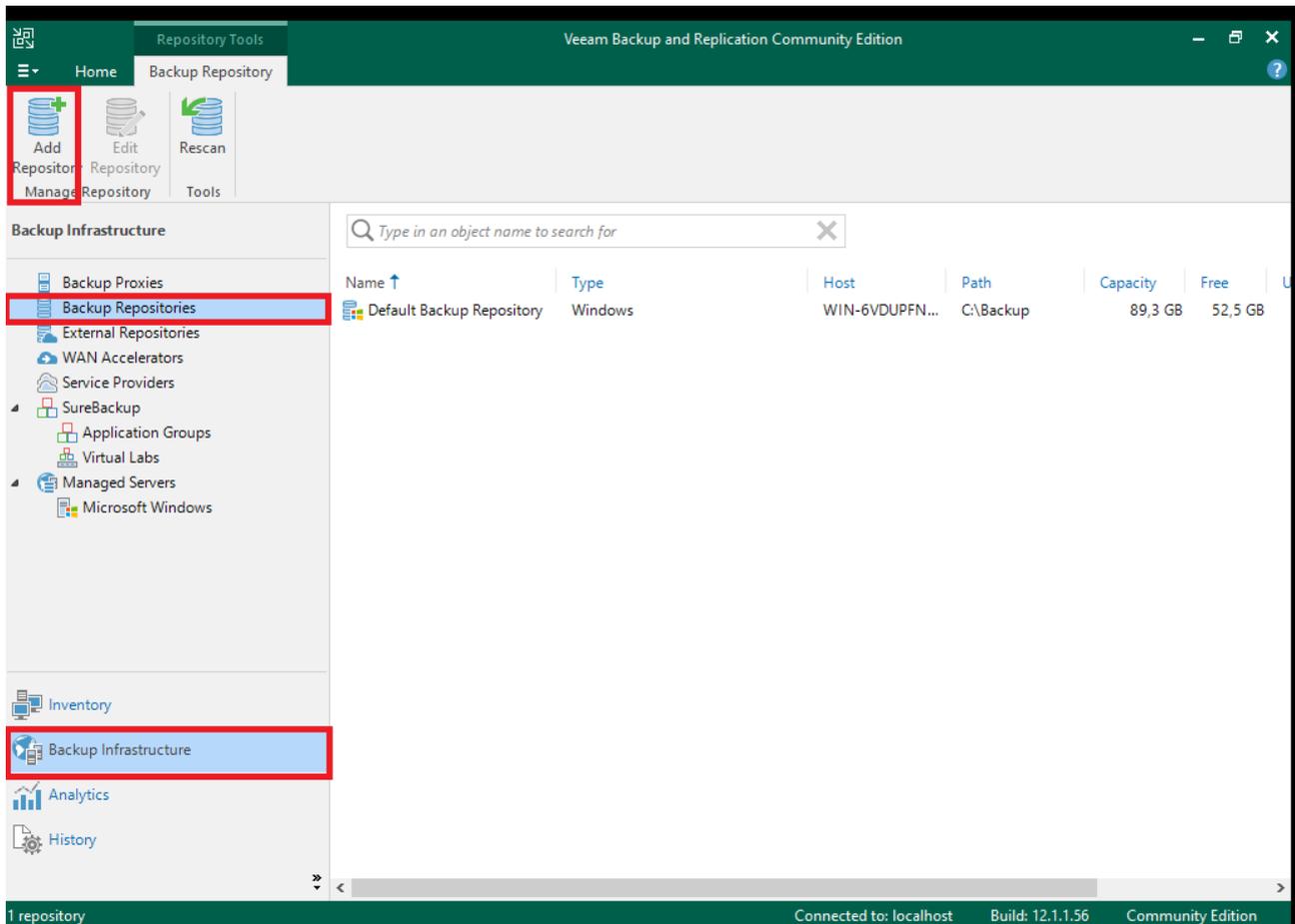


The screenshot displays the main interface of 'Veeam Backup and Replication Community Edition'. The window title is 'Veeam Backup and Replication Community Edition'. The interface has a dark green header with a 'Home' tab. Below the header is a navigation bar with icons for 'Backup Job', 'Replication Job', 'CDP Policy', 'Backup Copy', 'SureBackup Job', 'Import Backup', and 'Security & Compliance Actions'. The main content area is divided into several sections. On the left is an 'Inventory' sidebar with a tree view showing categories like 'Malware Detection', 'Virtual Infrastructure', 'Physical Infrastructure', 'Manually Added', 'Unmanaged', 'Unstructured Data', 'Last 24 Hours', and 'Success'. The central area features a 'Welcome to Veeam Backup & Replication Community Edition' message. To the right of this message is a 'PRODUCT ONBOARDING' banner that says 'From First-Time Deployment to Advanced Features' and 'Get FREE training certificate'. Below the welcome message are three buttons: 'Explore our Veeam Community', 'Community Hub' (with a 'LEARN MORE →' link), and 'R&D Forums' (with a 'LEARN MORE →' link). At the bottom of the main area is a large green button that says 'UPGRADE NOW'. The footer of the window shows 'Connected to: localhost', 'Build: 12.1.1.56', and 'Community Edition'.

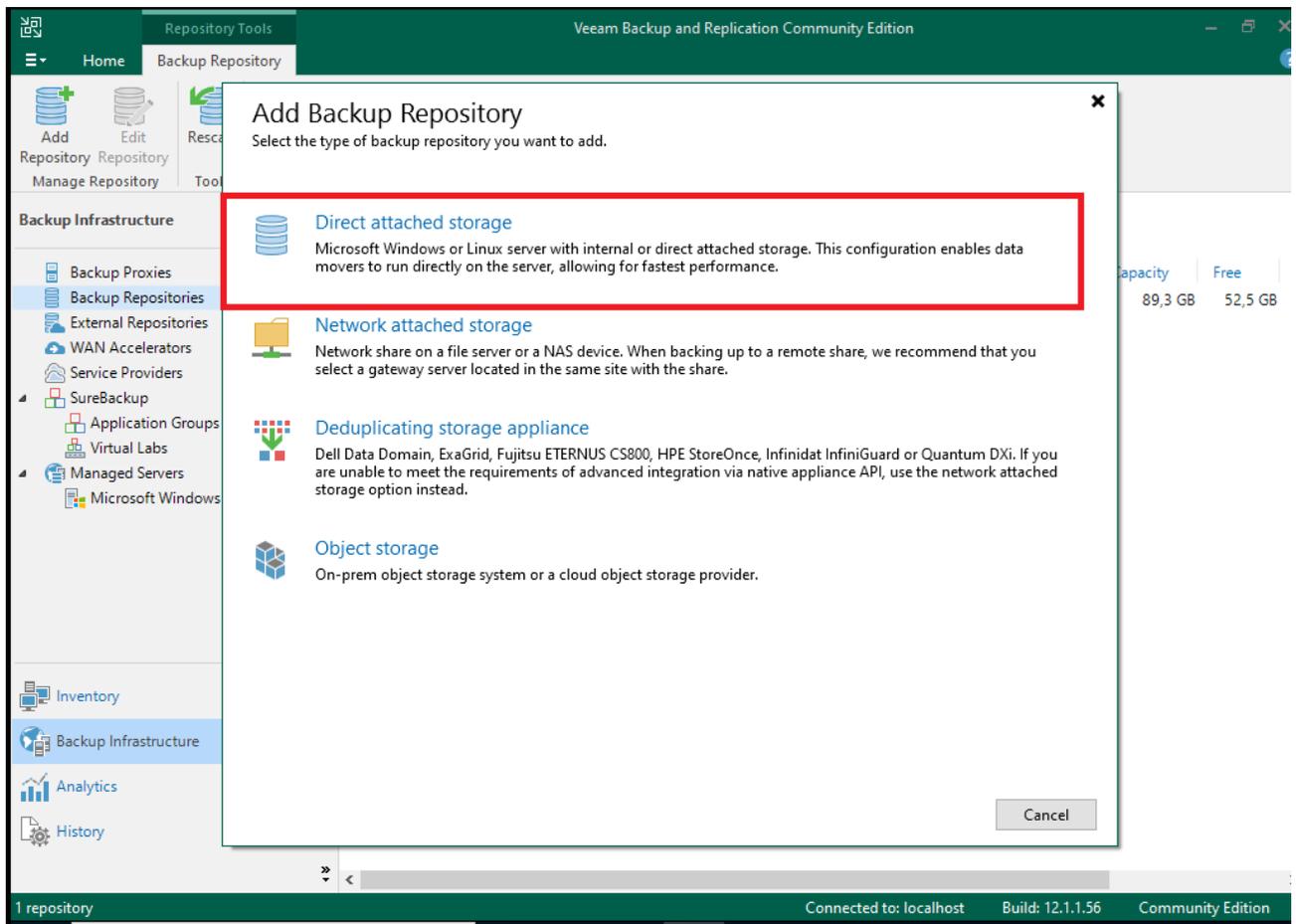
Pour démarrer l'utilisation de Veeam Backup et pour effectuer une sauvegarde il faut :

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 cliquer sur "Next"

The screenshot shows the 'New Backup Repository' dialog box with the 'Name' step selected in the left sidebar. The main area contains a 'Name' field with the text 'Backup Repository 1' and a 'Description' field with the text 'Created by WIN-6VDUPFN564Q\Administrateur at 02/04/2024 20:51.'. The 'Next >' button is highlighted with a red box.

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' dialog box with the 'Server' step selected in the left sidebar. The main area contains a 'Repository server' dropdown menu with the value 'WIN-5RQPB6JO5CD.sauvegarde.local (Backup server)'. Below it is a table with columns 'Path', 'Capacity', and 'Free'. The 'Add New...' button is highlighted with a red box.

New Backup Repository

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

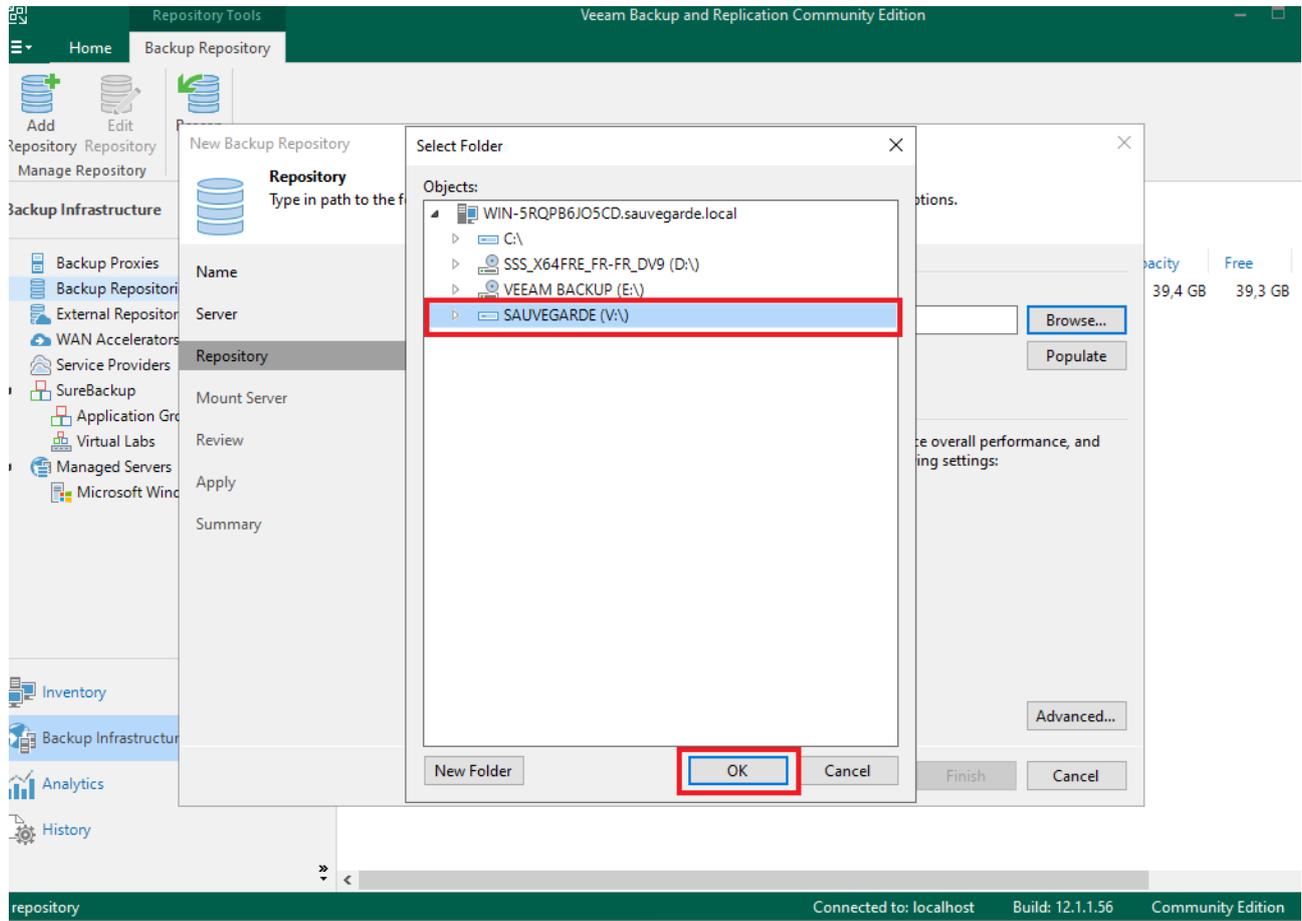
Repository server:
WIN-5RQPB6JO5CD.sauvegarde.local (Backup server) Add New...

Path	Capacity	Free
	39,4 GB	39,3 GB

Populate

< Previous **Add New...** Finish Cancel

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:\ Browse...
Repository	Capacity: <Unknown> Populate Free space: <Unknown>
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: 4
Summary	<input type="checkbox"/> 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.
Review	<input checked="" type="checkbox"/> Enable vPower NFS service on the mount server (recommended) Ports...
Apply	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.
Summary	

< Previous Next > Finish Cancel

Le résumé pour vous dire qu'en tout est bon puis cliquer sur Apply

New Backup Repository



Review

Please review the settings, and click Apply to continue.

Name	The following components will be processed on server WIN-5RQPB6JO5CD.sauvegarde.local:	
Server	Component name	Status
Repository	Transport	already exists
Mount Server	vPower NFS	already exists
Review	Mount Server	already exists
Apply		
Summary		

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 ×

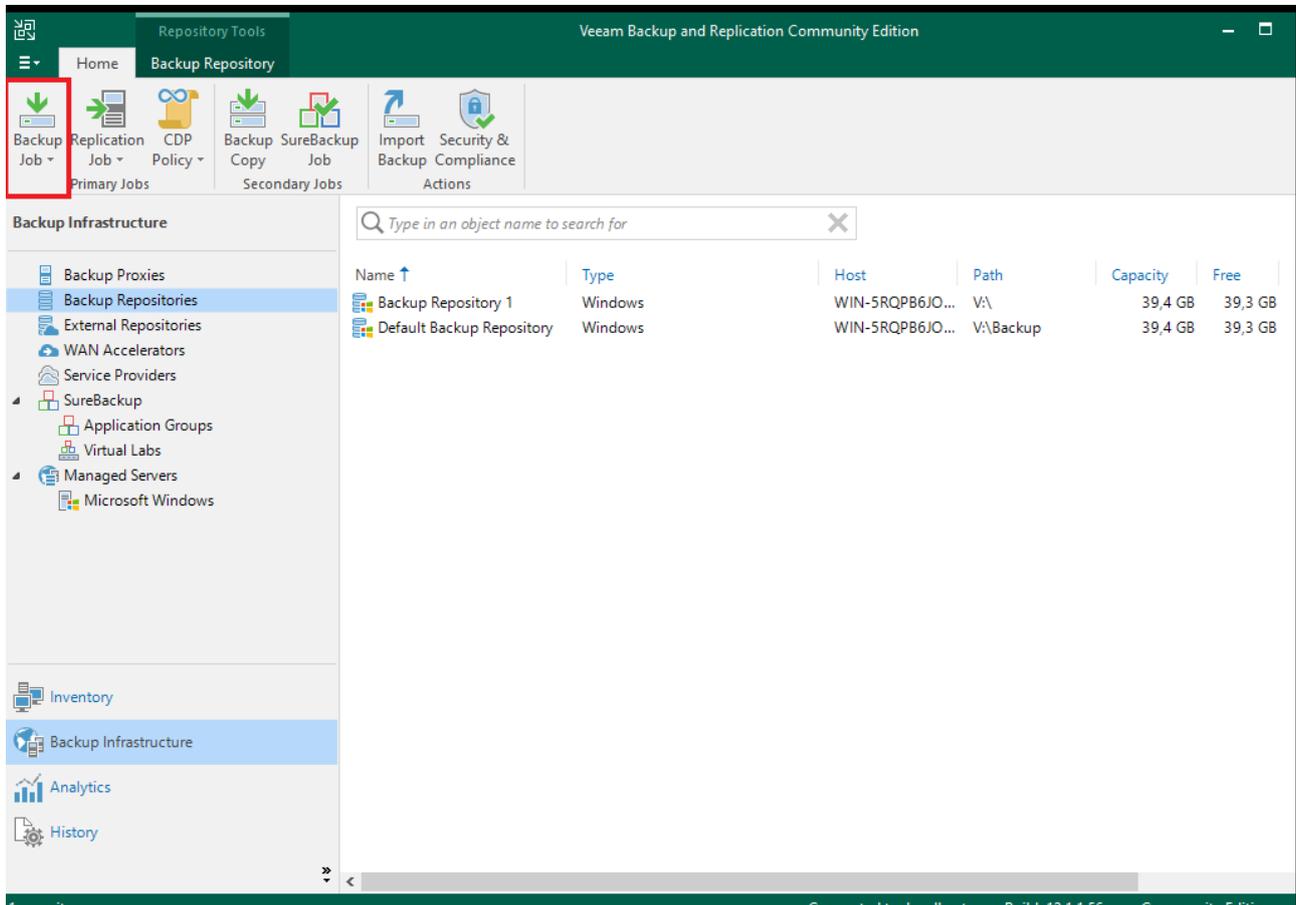
 **Apply**
Please wait while backup repository is created and saved in configuration, this may take a few minutes.

Name	Message	Duration
Server	✓ Starting infrastructure item update process	0:00:05
Repository	✓ [WIN-5RQPB6JO5CD] Discovering installed packages	
Mount Server	✓ Registering client WIN-5RQPB6JO5CD for package Transport	
Review	✓ Registering client WIN-5RQPB6JO5CD for package vPower NFS	
Apply	✓ Registering client WIN-5RQPB6JO5CD for package Mount Server	
Summary	✓ 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	

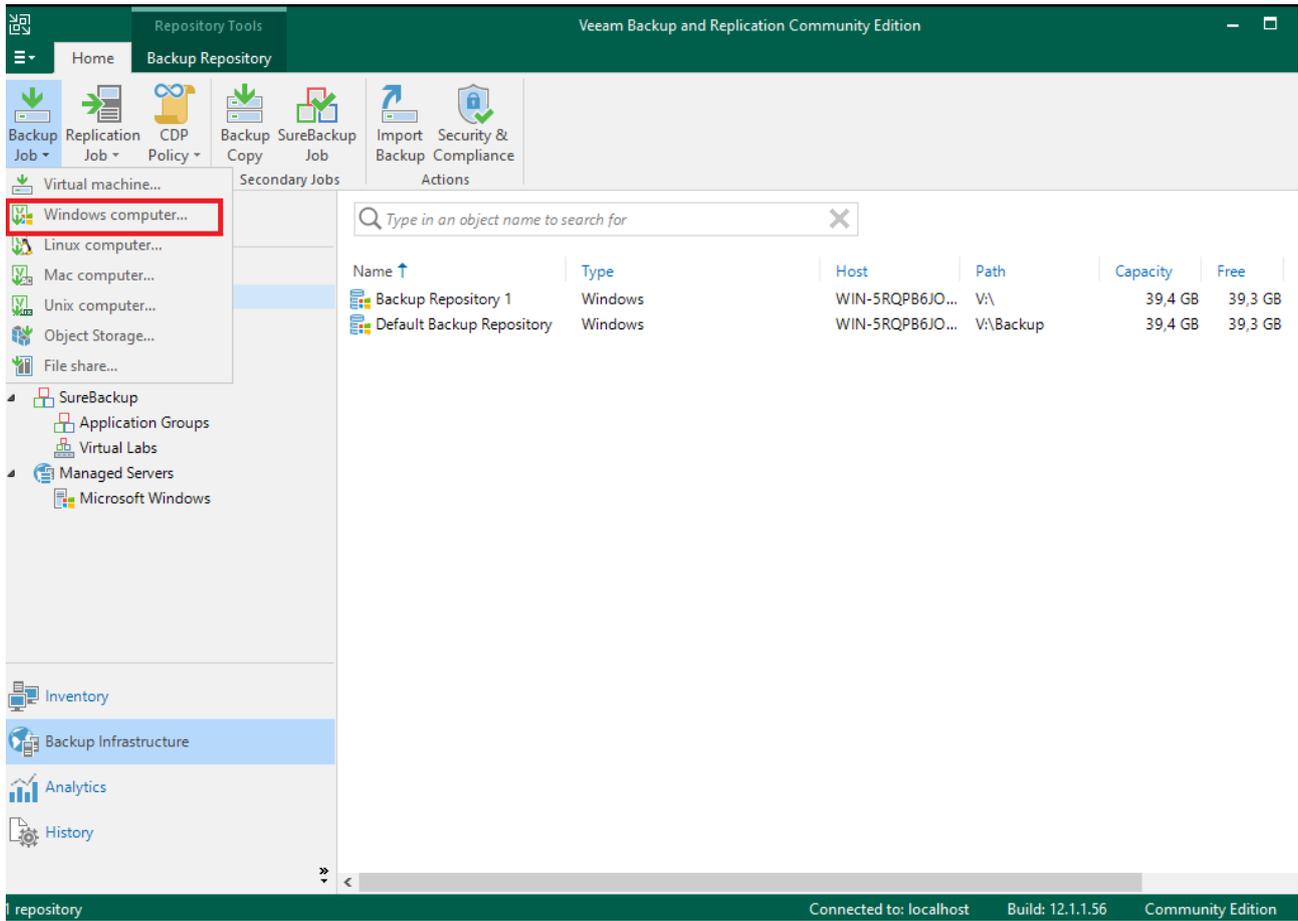
< Previous Next > Finish Cancel

Creation de job :

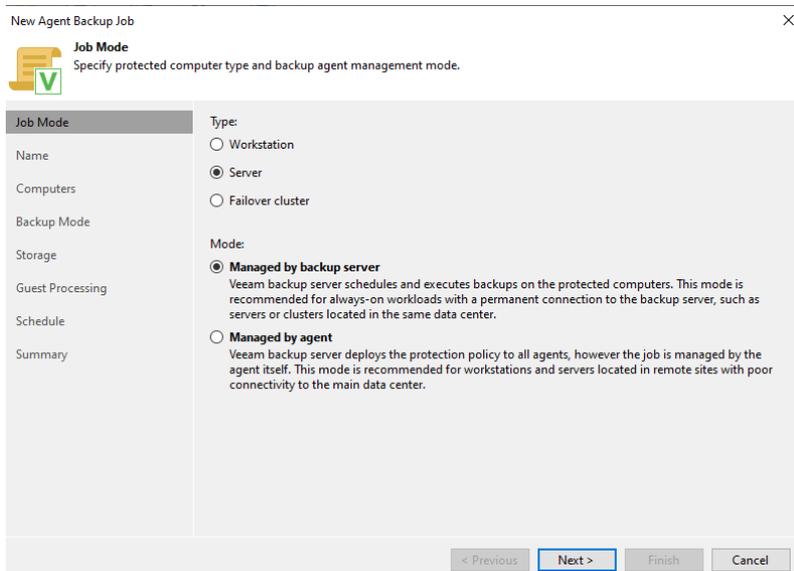
Dans « Home » cliquer sur « Backup Job » puis « Windows Computer » pour sauvegarder vos machines virtuelles Windows titre : La création de Job



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: <input type="text" value="Agent Backup Job 1"/>
Name	Description: <input type="text" value="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	<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.
Storage	
Guest Processing	<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.
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	<input type="checkbox"/> Keep certain full backups longer for archival purposes Configure... GFS retention policy is not configured
Storage	<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.
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.

Run the job automatically

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

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

Periodically every: 1 Hours Schedule...

After this job: ▼

Automatic retry

Retry failed items processing: 3 times

Wait before each retry attempt for: 10 minutes

Backup window

Terminate job outside of the backup window Window...

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

< Previous **Apply** Finish Cancel

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

Test de sauvegarde

