

# Procédure sauvegarde & restauration

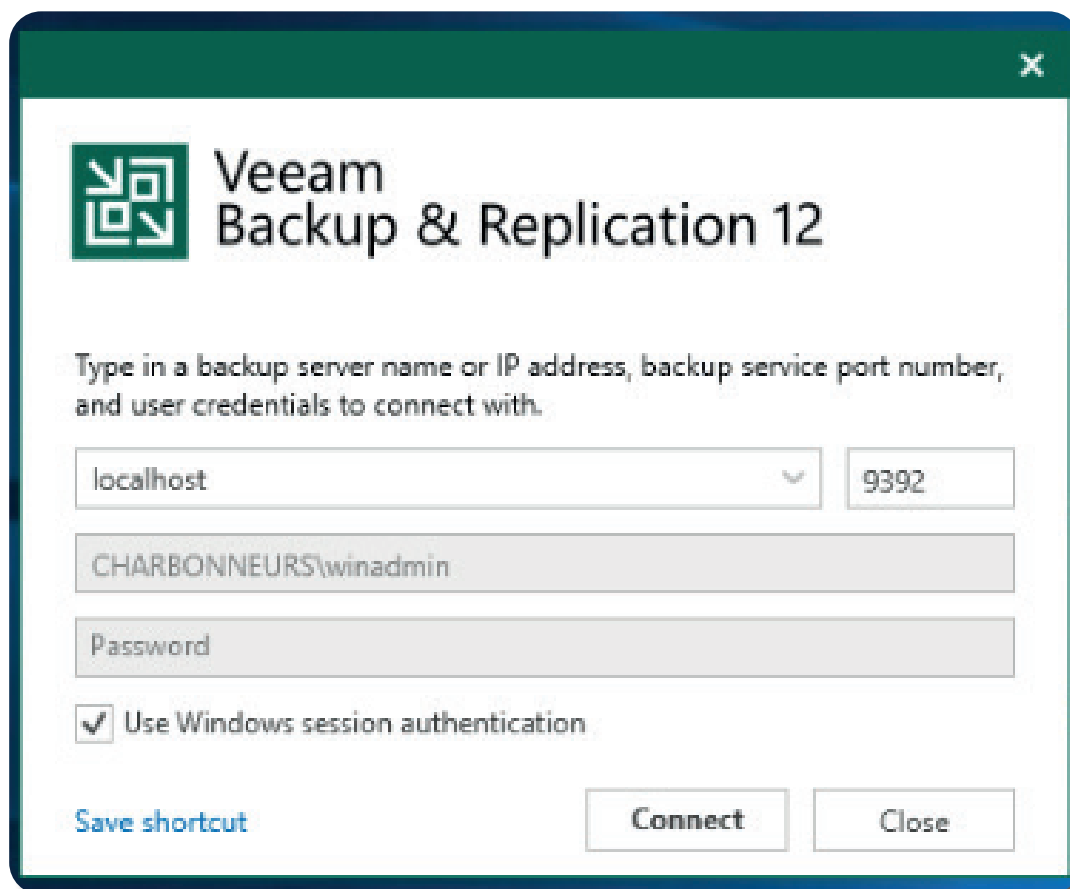
The Veeam logo is displayed within a green rounded rectangle. The word "veeam" is written in a white, lowercase, sans-serif font, with the "v" and "e"s being slightly more stylized than the "a" and "m".

veeam

# VEEAM

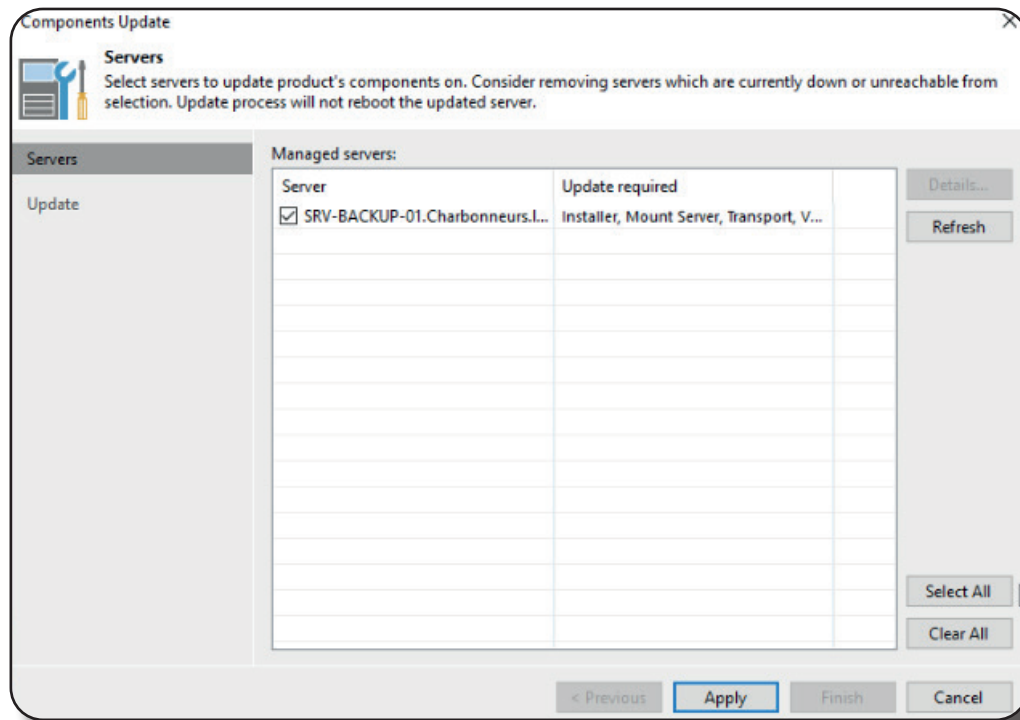
## Étape 1 : Connexion à l'Interface Veeam

Lancez Veeam Backup & Replication sur votre serveur ou ordinateur où il est installé.  
Connectez-vous à l'interface en utilisant vos informations d'identification d'administrateur.



The screenshot shows the Veeam Backup & Replication 12 login window. It features the Veeam logo and the title 'Veeam Backup & Replication 12'. Below the title, there is a prompt: 'Type in a backup server name or IP address, backup service port number, and user credentials to connect with.' The form includes a dropdown menu for the server name (currently showing 'localhost'), a text box for the port number (currently showing '9392'), a text box for the user name (currently showing 'CHARBONNEURS\winadmin'), and a password field. There is a checkbox labeled 'Use Windows session authentication' which is checked. At the bottom, there are three buttons: 'Save shortcut', 'Connect', and 'Close'.

Une nouvelle fenetre s'affiche avec normalement votre serveur backup, cocher le et les serveur a metre a jour et faite [Apply](#)

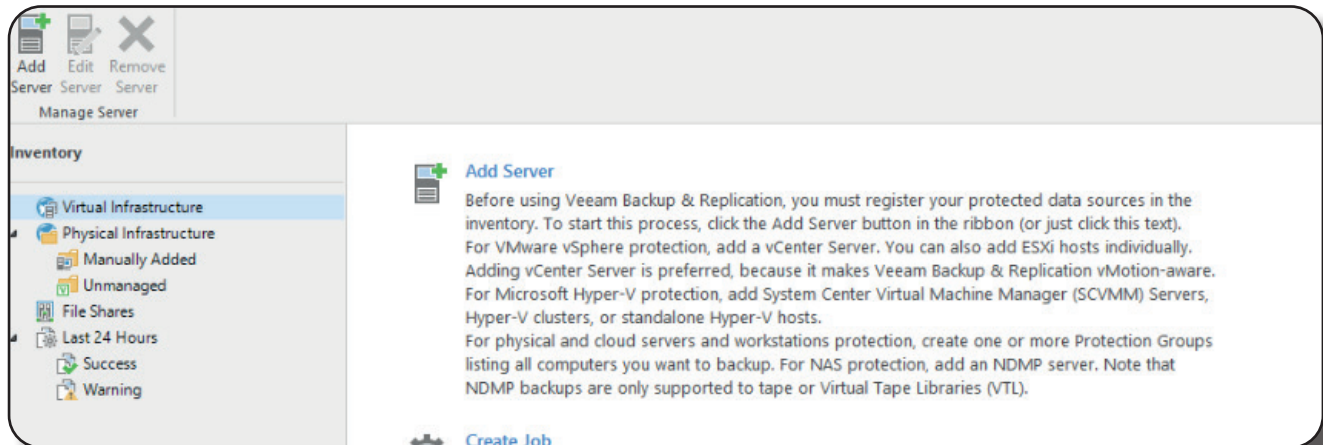


Une Mise a jours ce lance, vous pouvez aller boire un café, une fois fini cliquez sur **Finish**

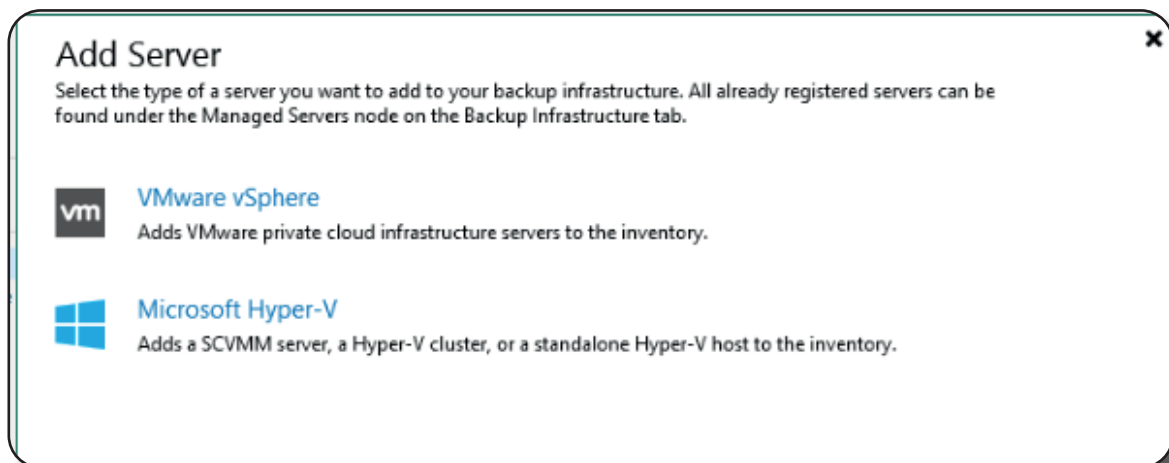
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## Étape 2 : Rajouter un serveur

Depuis la console Veeam, cliquer **ADD SERVER**



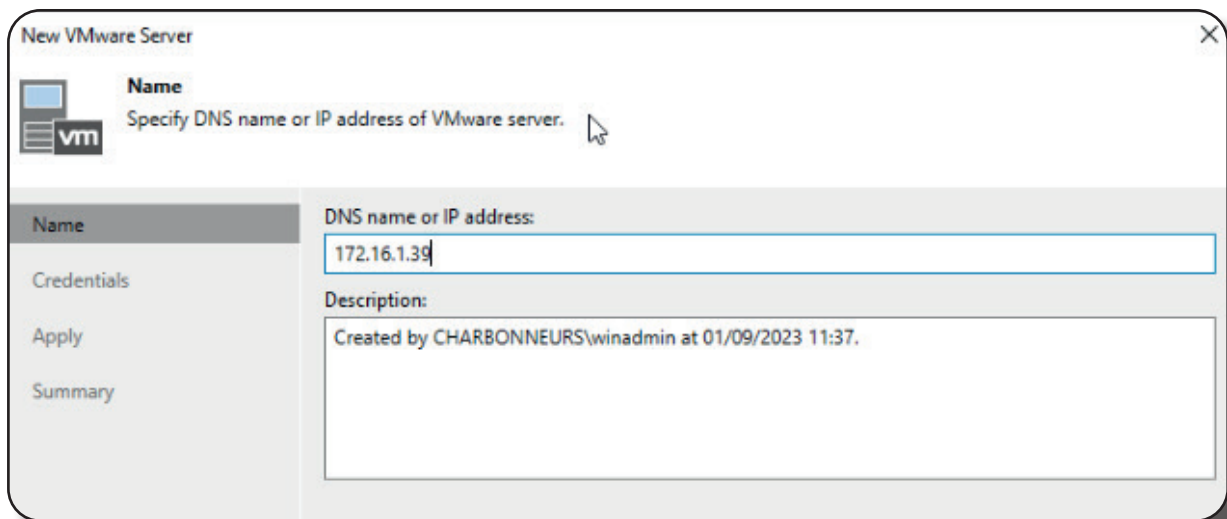
Choisissez VMware Vsphère ou Hyper-V en fonction de l'infra



Sélectionnez les différents mode proposer en fonction de votre infra

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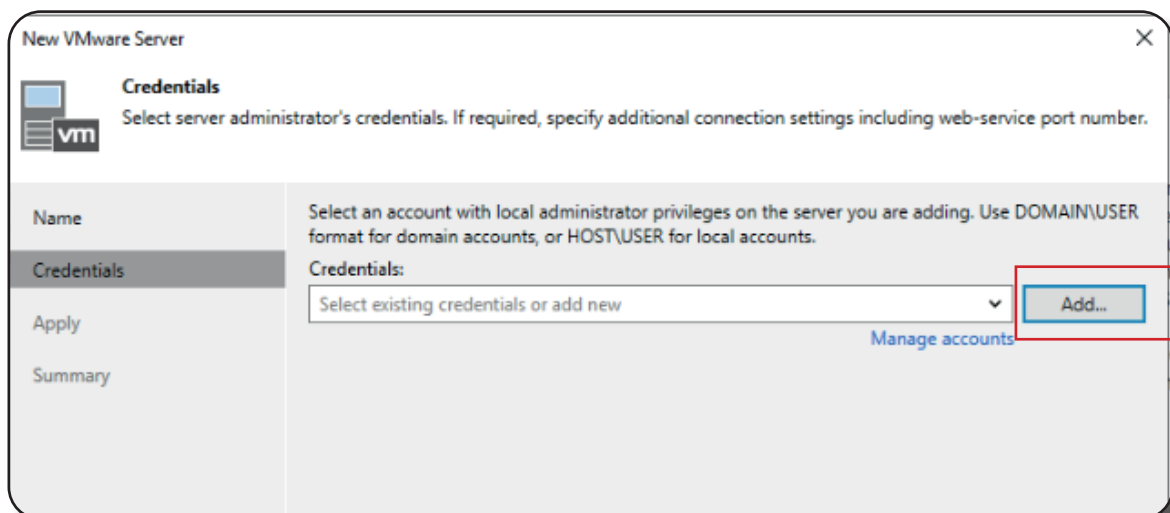
Pour la procédure, on va prendre VSphere, dans la prochaine fenêtre, l'IP ou le DNS name sera demandé, j'ai rajouté l'adresse IP du serveur



The screenshot shows the 'New VMware Server' dialog box with the 'Name' tab selected. The 'DNS name or IP address' field contains '172.16.1.39'. The 'Description' field contains 'Created by CHARBONNEURS\winadmin at 01/09/2023 11:37.'.

New VMware Server	
<b>Name</b> Specify DNS name or IP address of VMware server.	
<b>Name</b>	DNS name or IP address: 172.16.1.39
Credentials	Description: Created by CHARBONNEURS\winadmin at 01/09/2023 11:37.
Apply	
Summary	

Dans la prochaine fenêtre, il est demandé de sélectionner un Credentials, mais il n'y a pas à cliquer sur ADD pour en rajouter

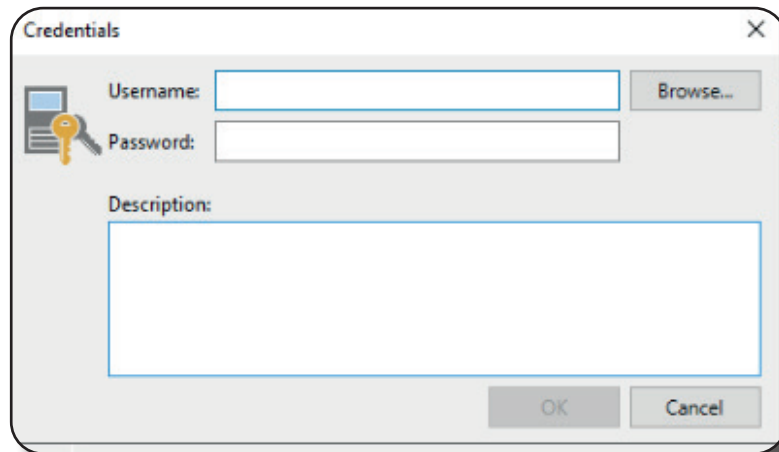


The screenshot shows the 'New VMware Server' dialog box with the 'Credentials' tab selected. The 'Credentials' dropdown menu is open, showing 'Select existing credentials or add new'. The 'Add...' button is highlighted with a red box.

New VMware Server	
<b>Credentials</b> Select server administrator's credentials. If required, specify additional connection settings including web-service port number.	
<b>Name</b>	Select an account with local administrator privileges on the server you are adding. Use DOMAIN\USER format for domain accounts, or HOST\USER for local accounts.
<b>Credentials</b>	Credentials: Select existing credentials or add new
Apply	<a href="#">Manage accounts</a>
Summary	

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Indiquez le compte root et le mot de passe du serveur



The image shows a Windows-style dialog box titled "Credentials". It contains three input fields: "Username:" with a "Browse..." button to its right, "Password:" (which is masked with dots), and "Description:" (a larger text area). To the left of the "Username:" and "Password:" fields is an icon of a server rack with a yellow key. At the bottom right of the dialog are "OK" and "Cancel" buttons.

Puis ok et Apply  
Continue pour ajouter le certificat

## Étape 3 : Répertoire de stockage

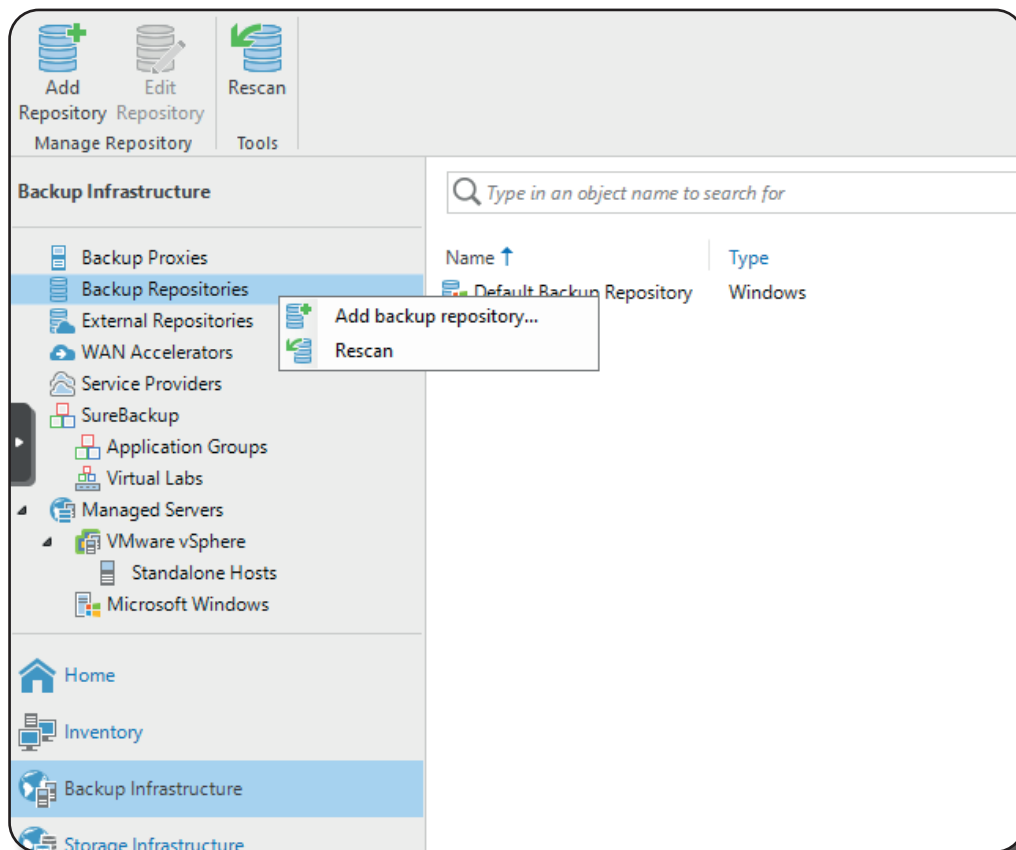
### A) créé un disque pour le stockage

Pour rajouter un lieu de stockage, dans la procédure, on va faire du stockage en local mais il est possible de stocker sur un lieu distant ou un cloud

- 1 - aller dans Gestion de disque
- 2 - réduire le disque dur ou en rajouter un si vous avez plusieurs DD
- 3 - prenez la taille que vous voulez en fonction de vos machines que vous stockez
- 4 - créer un disque sur avec la capacité que vous avez choisie

### B) rajout du répertoire

Aller sur l'onglet «Backup Infrastructure» puis clique droit dans «backup Répositories» et «Add Backup Repository»



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Aller sur «[Direct attached storage](#)»



## Direct attached storage

Microsoft Windows or Linux server with internal or direct attached storage. This configuration enables data movers to run directly on the server, allowing for fastest performance.

Ici on va prendre microsoft Windows car on va stocker en local



## Microsoft Windows

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

Dans la prochaine fenêtre, tapez un nom et optionnellement une description

New Backup Repository

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

**Name:**  
Backup Repository 1

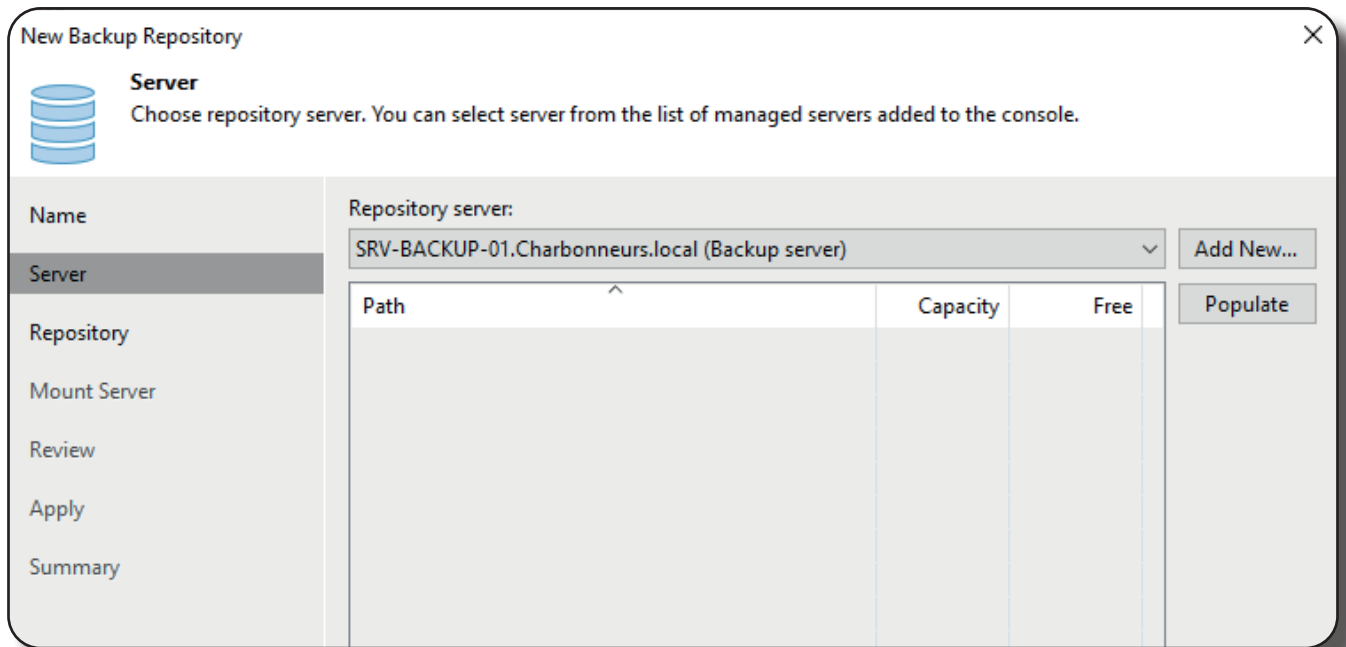
**Description:**  
Created by CHARBONNEURS\winadmin at 01/09/2023 14:27.

Server  
Repository  
Mount Server  
Review  
Apply  
Summary

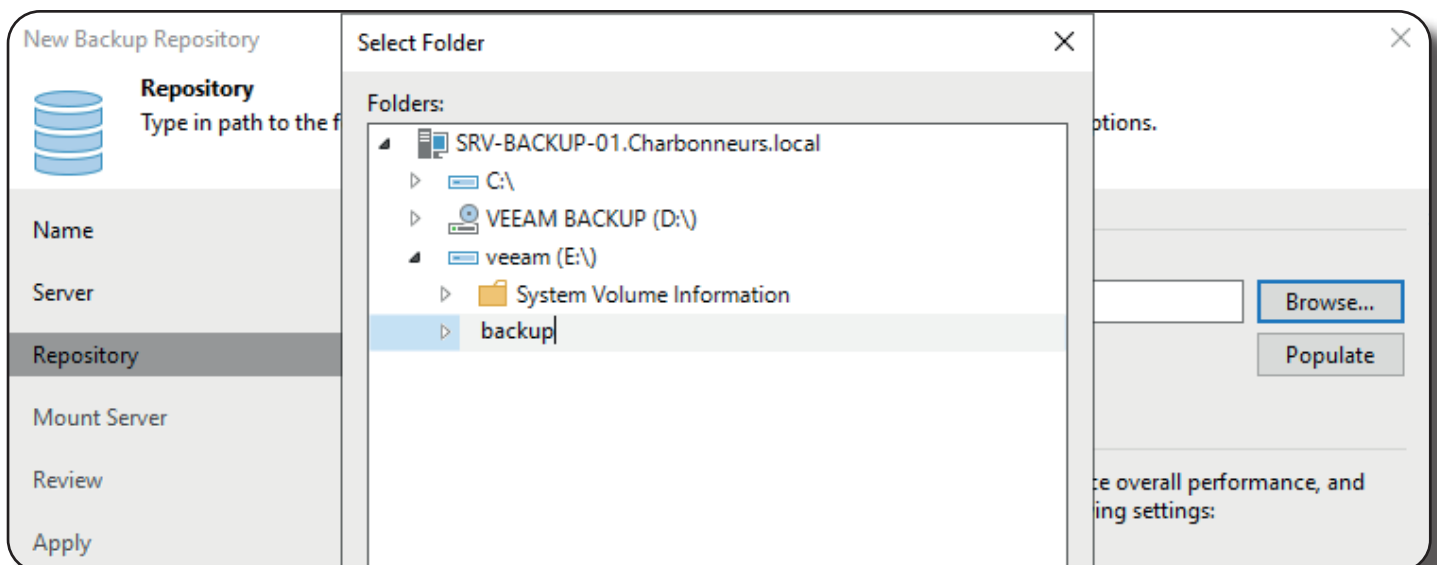
Sélectionnez le serveur qui va service de stockage, mais vu qu'on le fait en local on le selectionne le serveur par défaut du coup lui même, puis [next](#)



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Selectionnez le chemin




Selectionnez NEXT, Puis Yes sur la petite fenêtre qui ouvre

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Cliquez sur next

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

Server

Repository

**Mount Server**

Review

Apply

Summary

Mount server:

SRV-BACKUP-01.Charbonneurs.local (Backup server) ▼ Add New...

Instant recovery write cache folder:

C:\ProgramData\Veeam\Backup\IRCache\ Browse...

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.

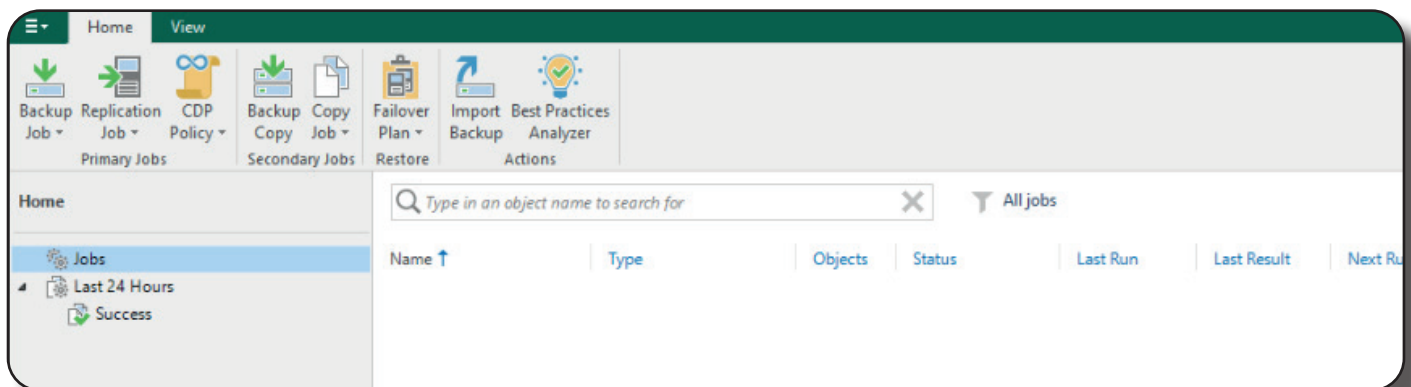
☒ Enable vPower NFS service on the mount server (recommended) Ports...

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.

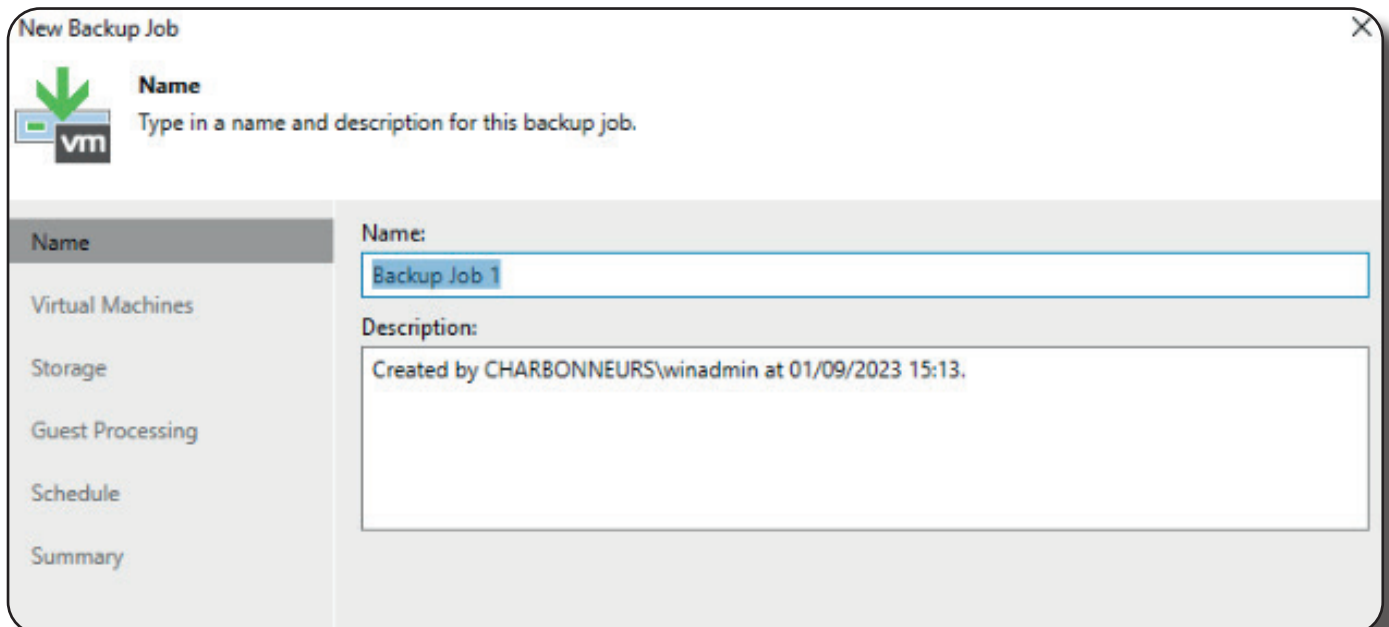
Aller boire un café tranquille et finir en cliquant sur APLLY

## Créer un Job de sauvegarde

Dans home, cliquez sur backup job

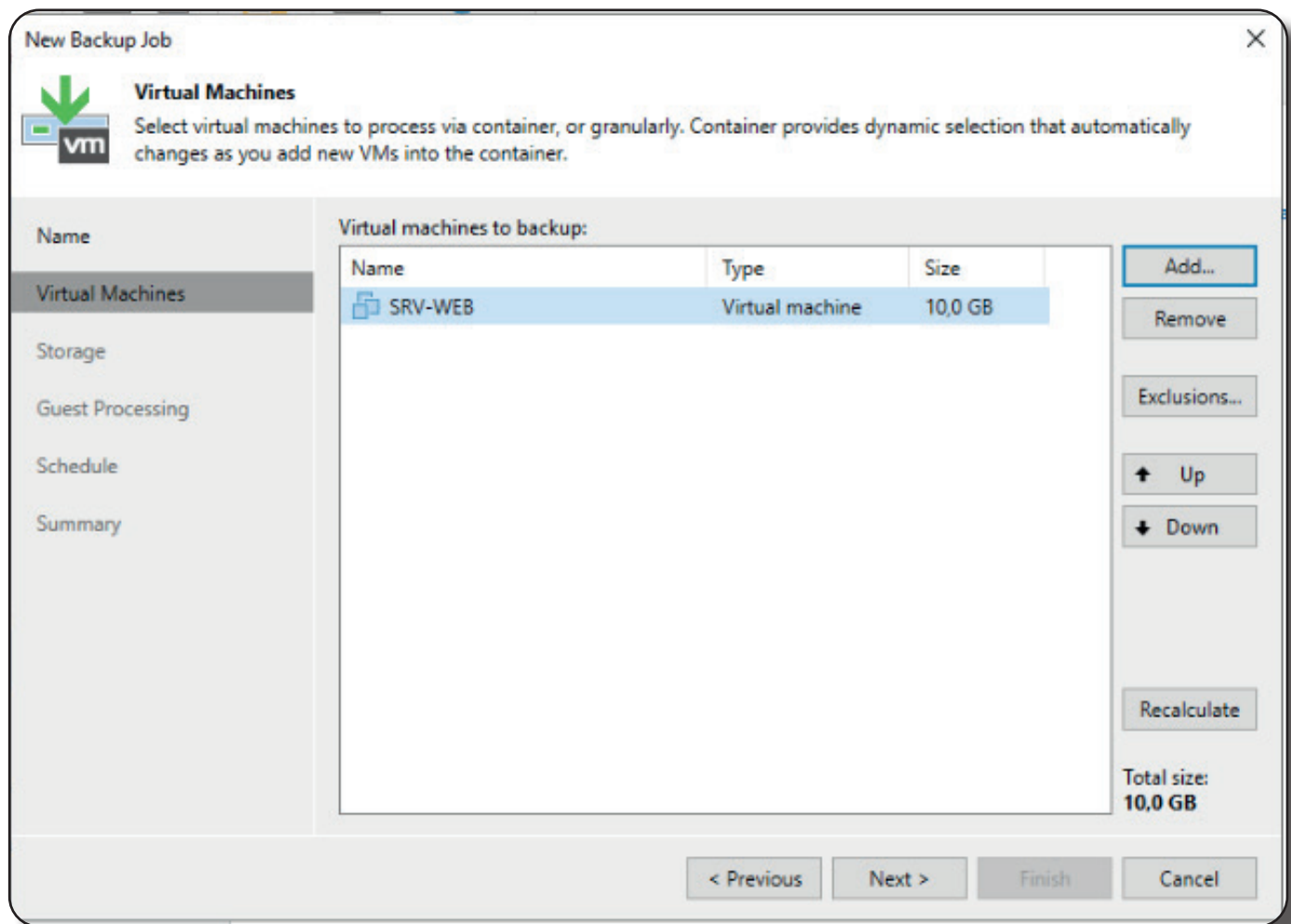


On va selectionnez Virtual machine, ensuite selectionnez le nom de votre backup job et cliquez sur suivant



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Dans la prochaine fenetre, cliquez sur ADD pour ajouter les machine virtuel que vous voulez sauvegarder



Dans liste déroulante nommée Backup Repository, sélectionnez celui qui a créer. puis suivant

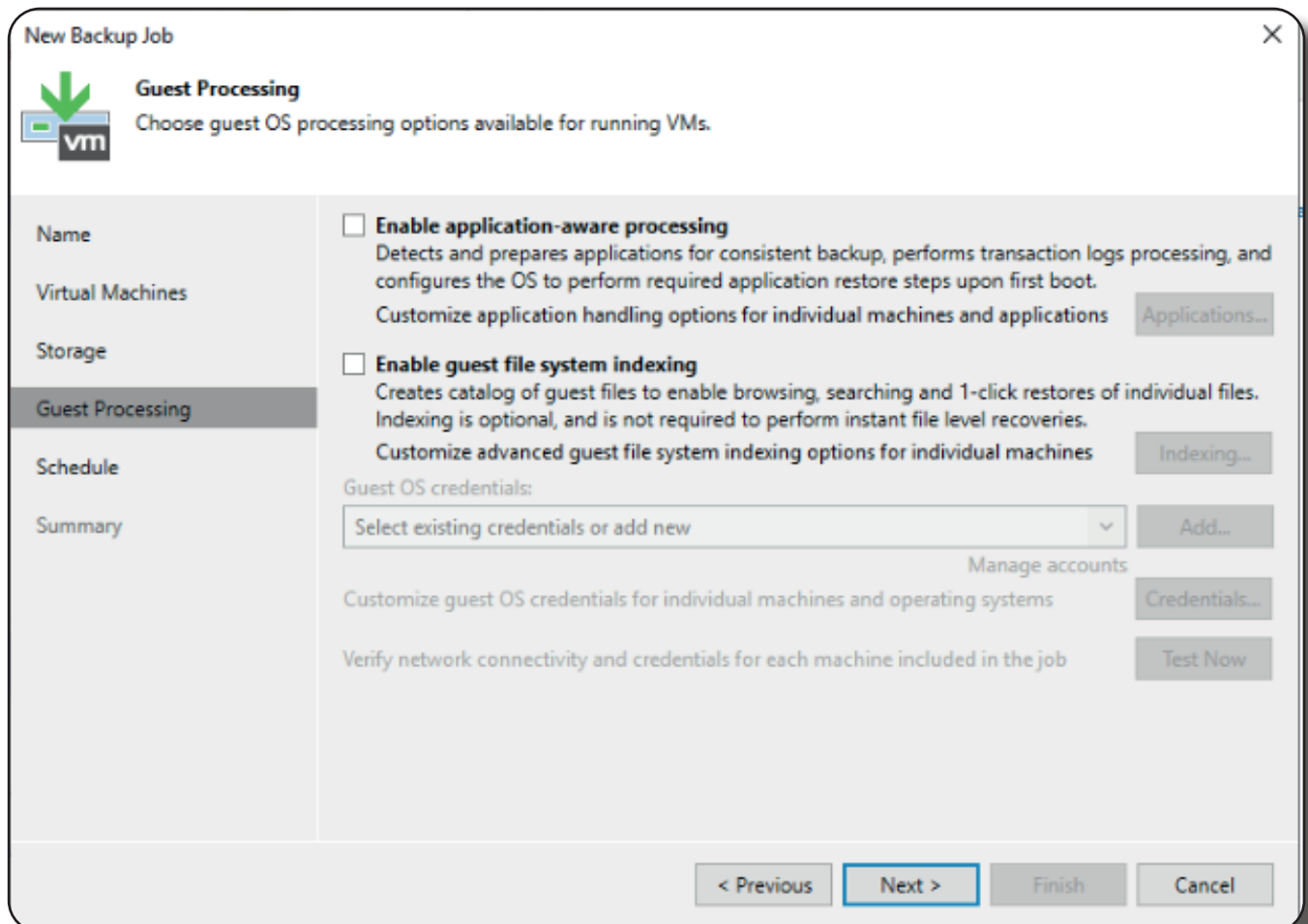
The screenshot shows the 'New Backup Job' wizard in Veeam Backup & Replication, specifically the 'Storage' tab. The left sidebar contains a list of steps: Name, Virtual Machines, Storage (selected), Guest Processing, Schedule, and Summary. The main area is titled 'Storage' and includes a green arrow icon with a 'vm' label. Below the title, it says: '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.'

The 'Backup proxy:' field is set to 'Automatic selection' with a 'Choose...' button. The 'Backup repository:' dropdown is set to 'Backup Repository 1 (Created by CHARBONNEURS\winadmin at 01/09/2023 14:27.)'. Below this, it shows '50,2 GB free of 50,3 GB' and a 'Map backup' link. The 'Retention policy:' is set to '7' days, with a warning icon. There are two checkboxes: 'Keep certain full backups longer for archival purposes' (unchecked, with a 'Configure...' button) and 'Configure secondary destinations for this job' (unchecked). The second checkbox has a description: '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.'

At the bottom, there is a note about advanced job settings and an 'Advanced...' button. The bottom navigation bar includes '< Previous', 'Next >' (highlighted), 'Finish', and 'Cancel'.

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Ici, cocher les cases en fonction de votre besoin, sinon suivant



The screenshot shows the 'New Backup Job' wizard in Veeam Backup & Replication, specifically the 'Guest Processing' step. The window has a title bar 'New Backup Job' and a close button. On the left is a sidebar with steps: Name, Virtual Machines, Storage, Guest Processing (selected), Schedule, and Summary. The main area is titled 'Guest Processing' with a subtitle 'Choose guest OS processing options available for running VMs.' and a 'vm' icon. It contains two unchecked checkboxes: 'Enable application-aware processing' and 'Enable guest file system indexing'. Below these are sections for 'Guest OS credentials' with a dropdown menu and buttons for 'Applications...', 'Indexing...', 'Add...', 'Credentials...', and 'Test Now'. At the bottom are navigation buttons: '< Previous', 'Next >', 'Finish', and 'Cancel'.

New Backup Job

**Guest Processing**  
Choose guest OS processing options available for running VMs.

**Name**

Virtual Machines

Storage

**Guest Processing**

Schedule

Summary

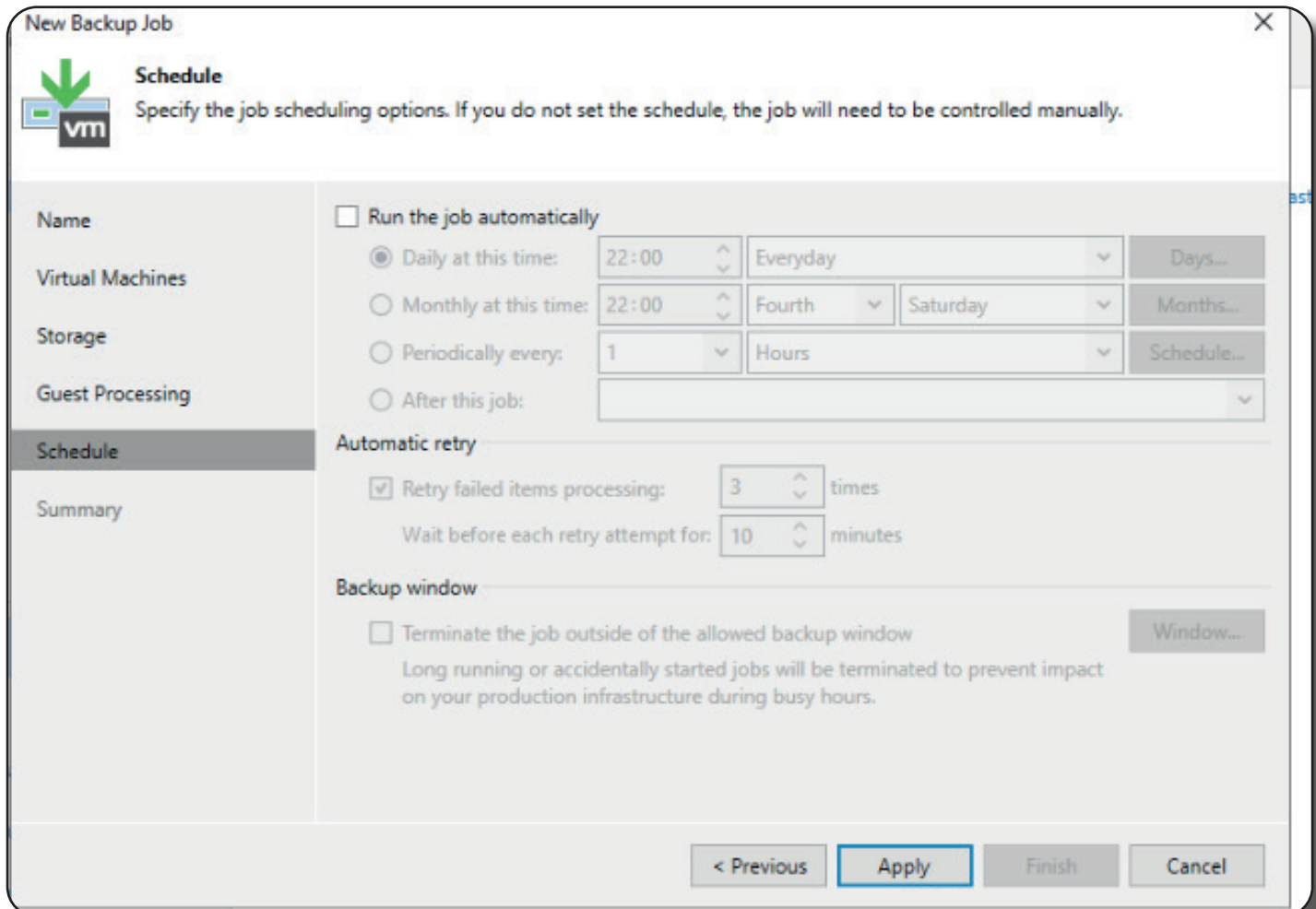
☐ **Enable application-aware processing**  
Detects and prepares applications for consistent backup, performs transaction logs processing, and configures the OS to perform required application restore steps upon first boot.  
Customize application handling options for individual machines and applications 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

Ceci est très important, c'est là que vous allez configurer les dates de lancement des sauvegardes encore une fois, coché en fonction des besoins



The screenshot shows the 'New Backup Job' wizard in Veeam Backup & Replication, specifically the 'Schedule' tab. The left sidebar contains a tree view with the following items: Name, Virtual Machines, Storage, Guest Processing, Schedule (which is selected and highlighted), and Summary. The main area of the wizard is titled 'Schedule' and includes a sub-header: 'Specify the job scheduling options. If you do not set the schedule, the job will need to be controlled manually.' Below this, there are four radio button options for scheduling: 'Run the job automatically' (which is selected), 'Daily at this time:', 'Monthly at this time:', 'Periodically every:', and 'After this job:'. The 'Daily at this time:' option is further configured with a time of '22:00', a frequency of 'Everyday', and a 'Days...' button. The 'Monthly at this time:' option is configured with a time of '22:00', a frequency of 'Fourth', a day of 'Saturday', and a 'Months...' button. The 'Periodically every:' option is configured with a frequency of '1' and a unit of 'Hours', with a 'Schedule...' button. The 'After this job:' option is currently empty. Below these options, there is an 'Automatic retry' section with a checked checkbox 'Retry failed items processing:' set to '3' times, and a 'Wait before each retry attempt for:' set to '10' minutes. The 'Backup window' section has an unchecked checkbox 'Terminate the job outside of the allowed backup window' and a 'Window...' button. At the bottom of the wizard, there are four buttons: '< Previous', 'Apply' (which is highlighted with a blue border), 'Finish', and 'Cancel'.

Démarrer le JOB et cliquer sur la case à la prochaine fenêtre puis finish