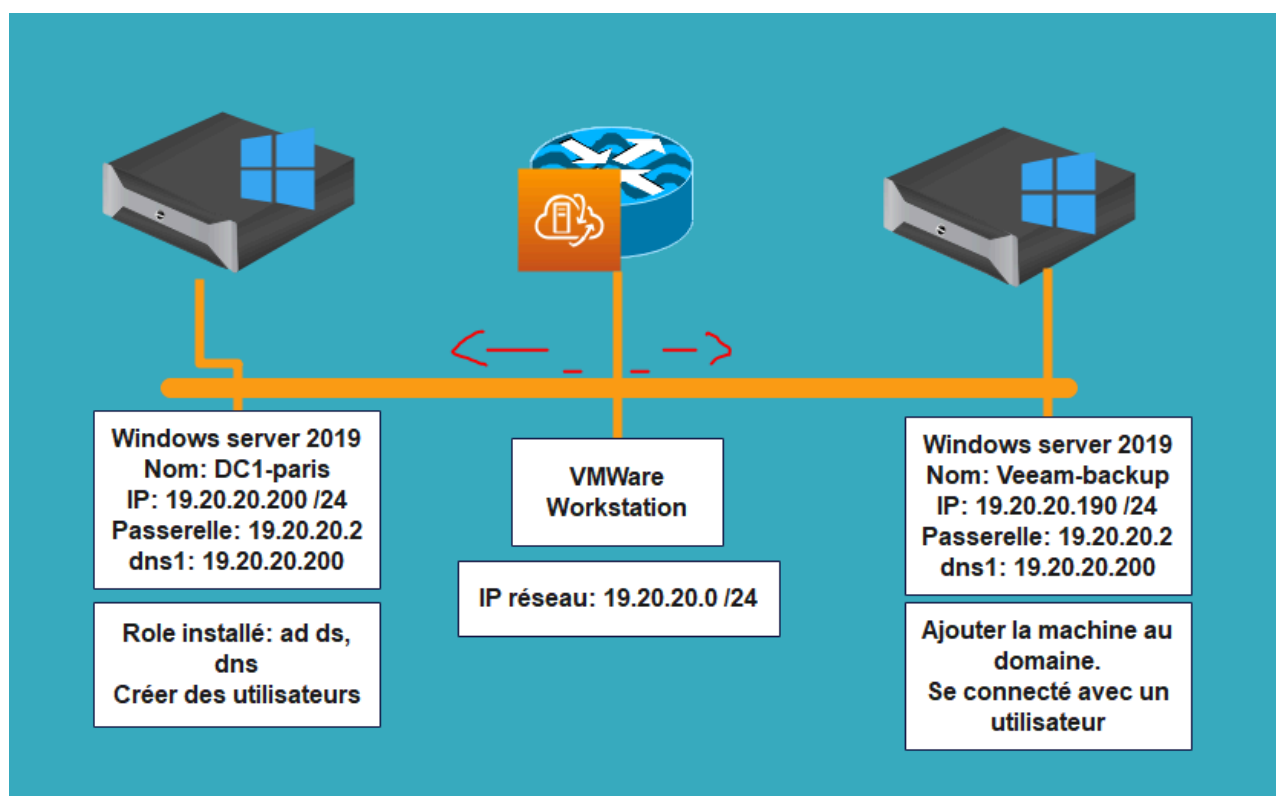


# SAUVEGARDE & RESTAURATION D'UN OBJET ACTIVE DIRECTORY AVEC VEEAM BACKUP & REPLICATION 12



ADMINISTRATEUR

ANNÉE 2024-2025

D'INFRASTRUCTURE

SYSTÈMES ET RÉSEAUX



Parcourez votre leçon à l'aide  
de ce guide pour vous focaliser  
sur les points importants.

NOM: POUMINA.M JUDE CHRYST

## Etape1: Démarrer un serveur Active Directory.

1. Ce serveur doit être configuré avec le **nom de l'ordinateur**, l'intégration à un **domaine Active Directory (AD DS)**, la configuration du **DNS**, ainsi qu'une **adresse IP statique**.

Gestionnaire de serveur

Gestionnaire de serveur ▸ Serveur local

Tableau de bord

**Serveur local**

Tous les serveurs

AD DS

DNS

Services de fichiers et d... ▸

**PROPRIÉTÉS**  
Pour DC1-paris

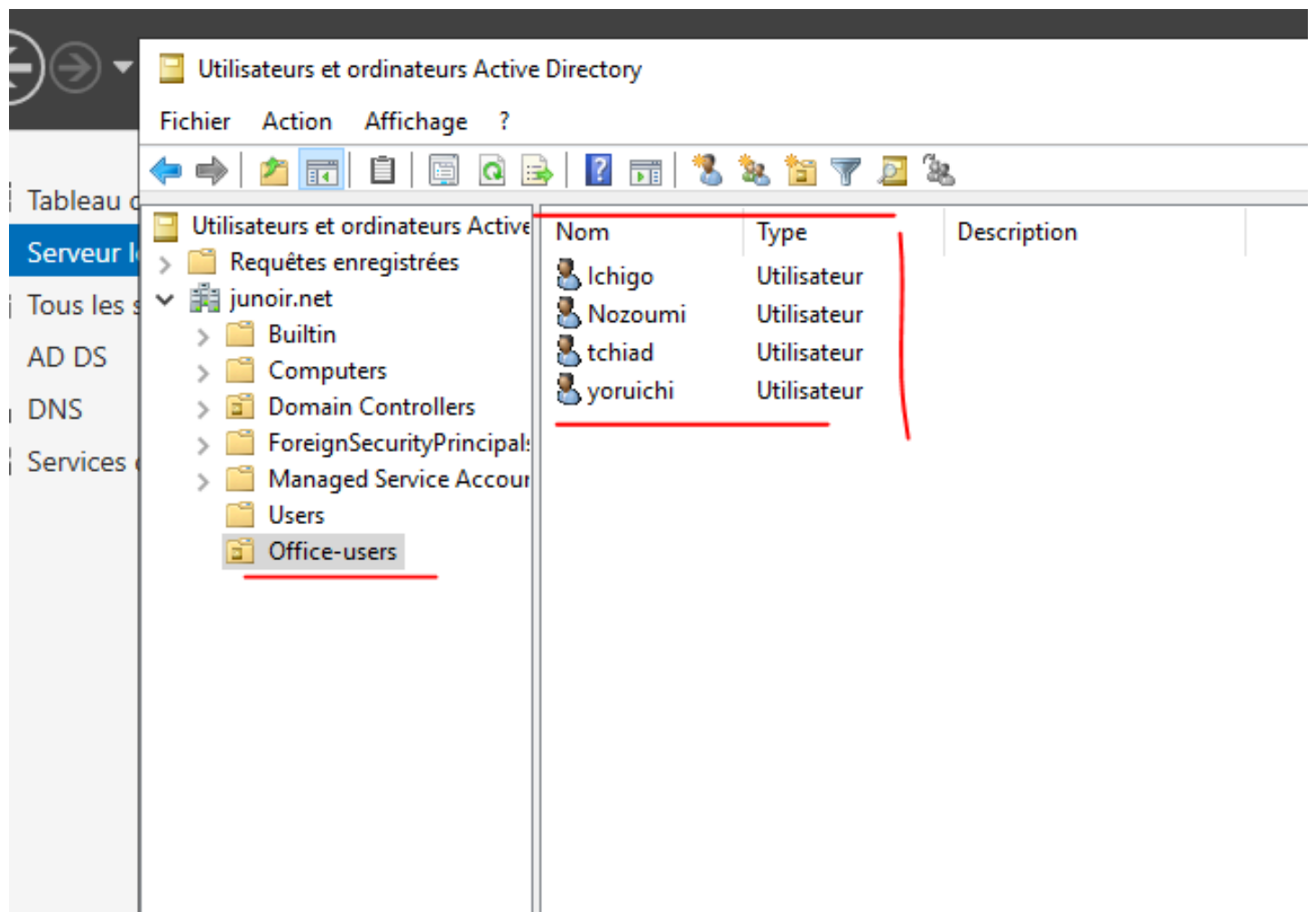
Nom de l'ordinateur	<a href="#">DC1-paris</a>	Dernières mises à jour
Domaine	<a href="#">junoir.net</a>	Windows Update
		Dernière recherche
Pare-feu Windows Defender	Public : Actif	Antivirus Windows
Gestion à distance	Activé	Commentaires et
Bureau à distance	Désactivé	Configuration d
Association de cartes réseau	Désactivé	Fuseau horaire
Ethernet0	<a href="#">19.20.20.200</a>	ID de produit (P
Version du système d'exploitation	Microsoft Windows Server 2019 Datacenter	Processeurs
Informations sur le matériel	VMware, Inc. VMware Virtual Platform	Mémoire install
		Espace disque t

<

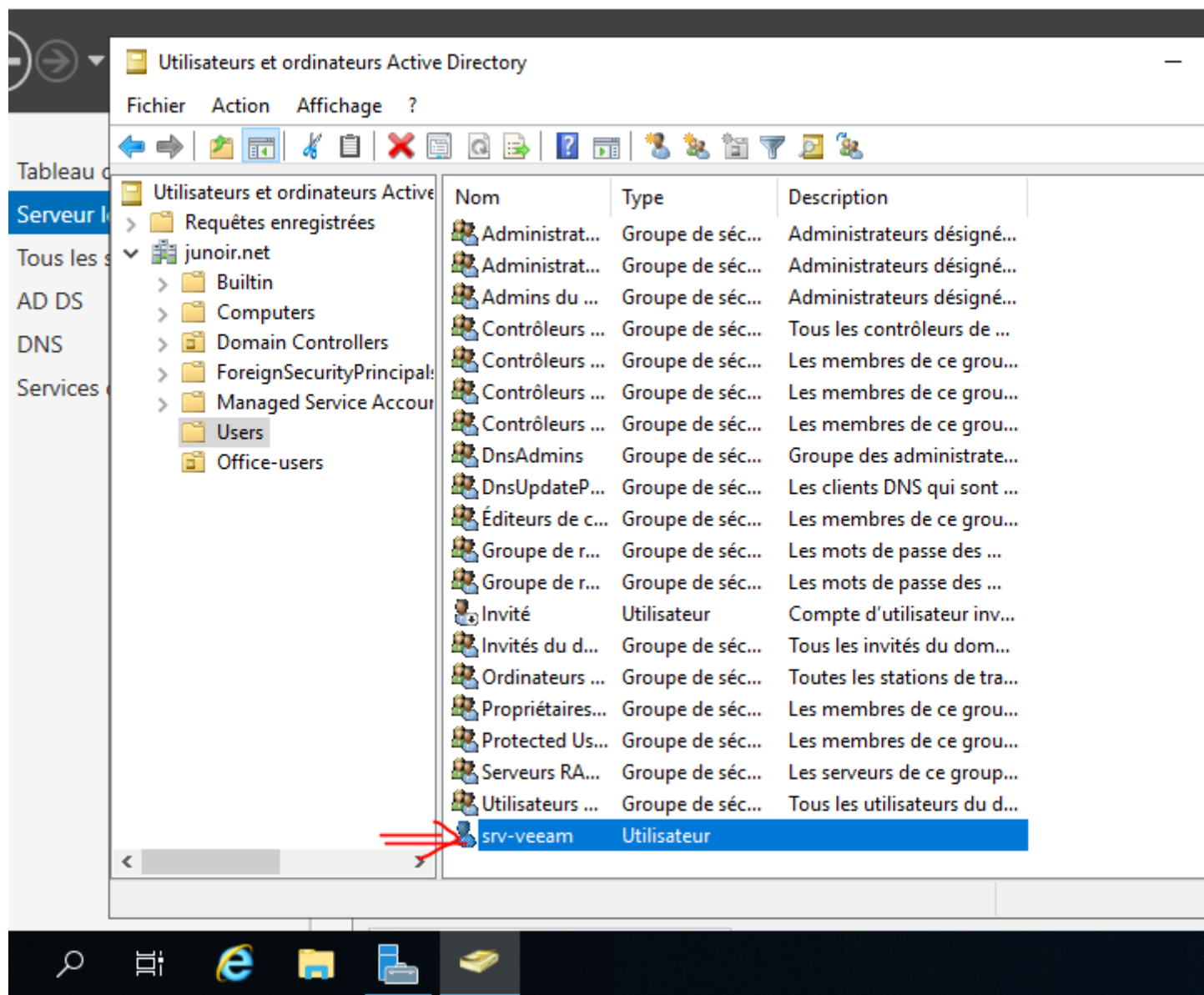
**ÉVÉNEMENTS**  
Tous les événements | 39 au total

Windows, Recherche, Gestionnaire de serveur, Internet Explorer, Explorateur de fichiers, Gestionnaire de tâches, Gestionnaire de serveur, Gestionnaire de serveur

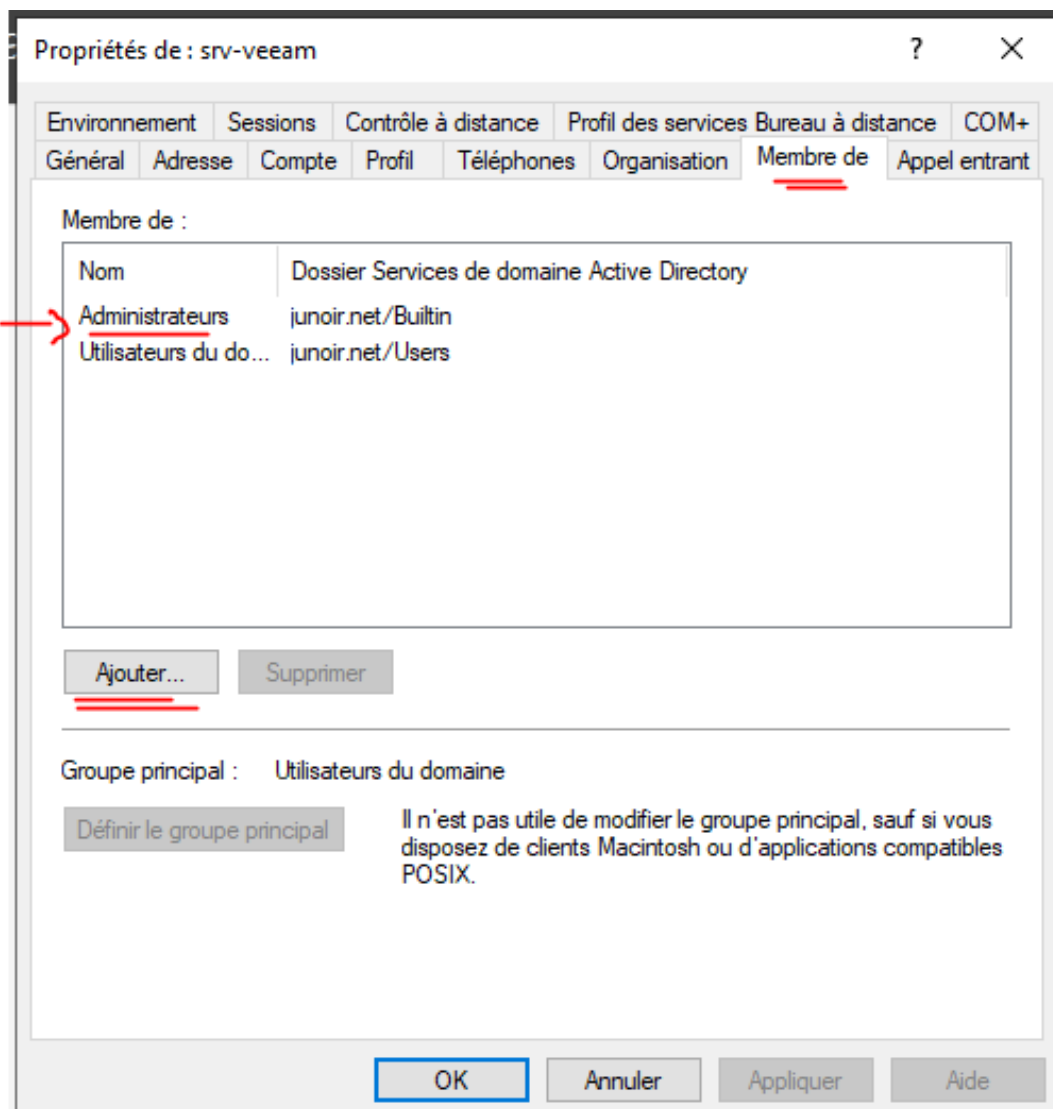
1. Pour créer des utilisateurs dans le domaine, accédez à **Utilisateurs et ordinateurs Active Directory**, puis ajoutez les nouveaux comptes en suivant les étapes appropriées.



1. Dans l'OU **Users**, créez un compte utilisateur **srv-veeam** destiné au serveur **Veeam Backup**.



1. Faites un **clic droit** sur l'utilisateur **srv-veeam**, puis allez dans **Propriétés**. Ensuite, accédez à l'onglet **Membre de**, cliquez sur **Ajouter**, et ajoutez le groupe **Administrateurs**.



## Etape2: Démarrer un serveur Veeam Backup

Non, il n'est pas nécessaire d'ajouter le rôle **AD DS (Active Directory Domain Services)** sur un serveur destiné à **Veeam Backup & Replication**.


## Pourquoi ne pas ajouter AD DS ?

1. **Séparation des rôles** : Un serveur de sauvegarde ne doit pas être un contrôleur de domaine pour des raisons de sécurité et de performance.
2. **Risque de corruption** : En cas de panne du serveur Veeam, l'Active Directory pourrait être impacté si ce serveur hébergeait AD DS.
3. **Meilleure gestion des permissions** : Veeam peut s'authentifier sur le domaine sans avoir besoin d'être un contrôleur de domaine. Il suffit de créer un compte de service avec les permissions adéquates.
4. **Performance et charge** : AD DS et Veeam consomment des ressources, et les exécuter sur le même serveur peut ralentir les performances globales.

## Bonne pratique

- Installer Veeam Backup & Réplication sur un serveur dédié.
- Assurer que ce serveur est **membre du domaine** mais **n'est pas un contrôleur de domaine**.
- Utiliser un compte de service avec les permissions nécessaires pour accéder aux machines à sauvegarder.

1. Ce serveur doit être configuré avec le **nom de l'ordinateur**, l'intégration au **domaine Active Directory (AD DS)**, la configuration du **DNS**, ainsi qu'une **adresse IP statique**.
2. clic sur Groupe de travail



Gestionnaire de serveur ▸ Serveur local

Tableau de bord

**Serveur local**

Tous les serveurs

Services de fichiers et d... ▸

**PROPRIÉTÉS**  
Pour Veeam-backup

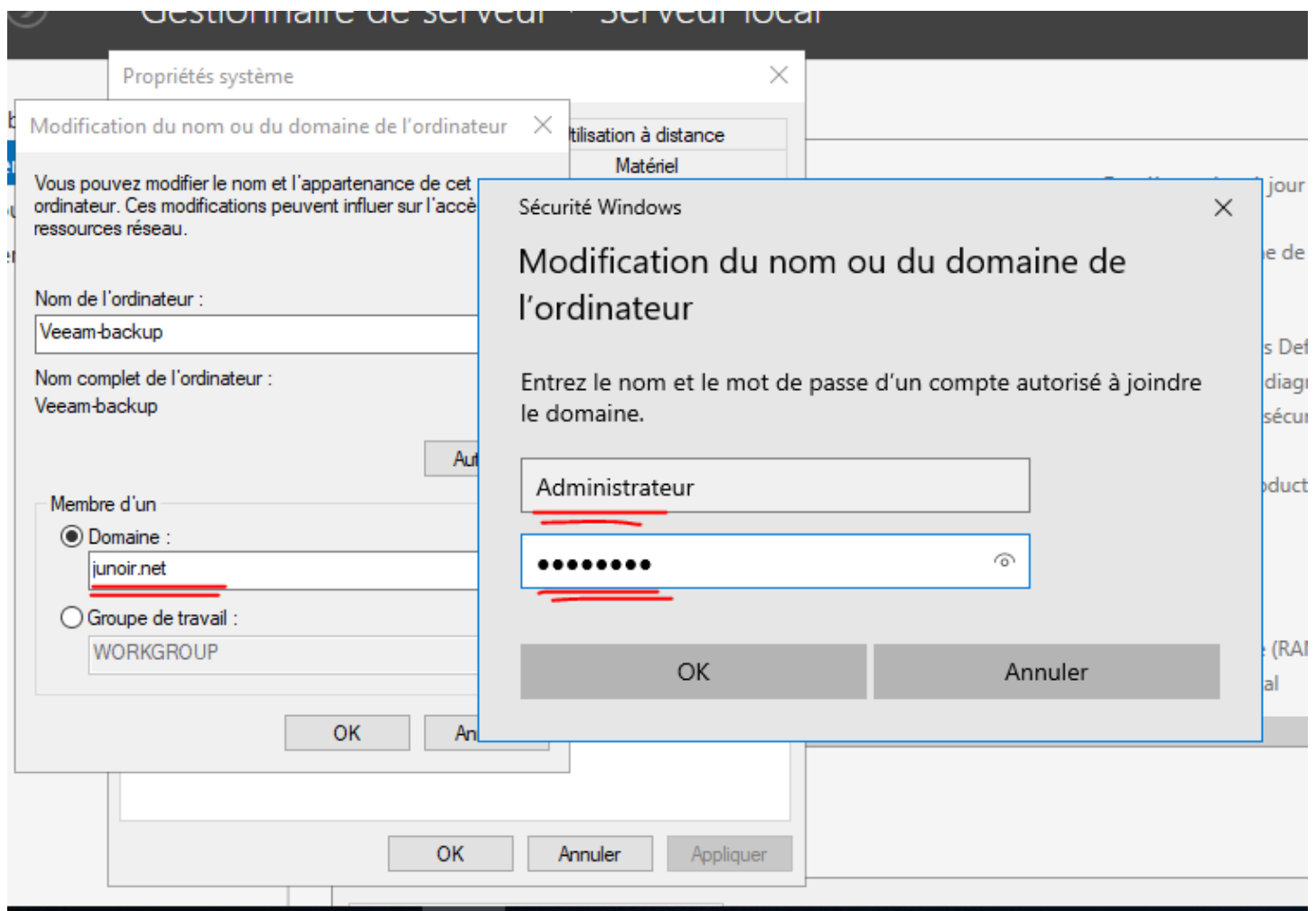
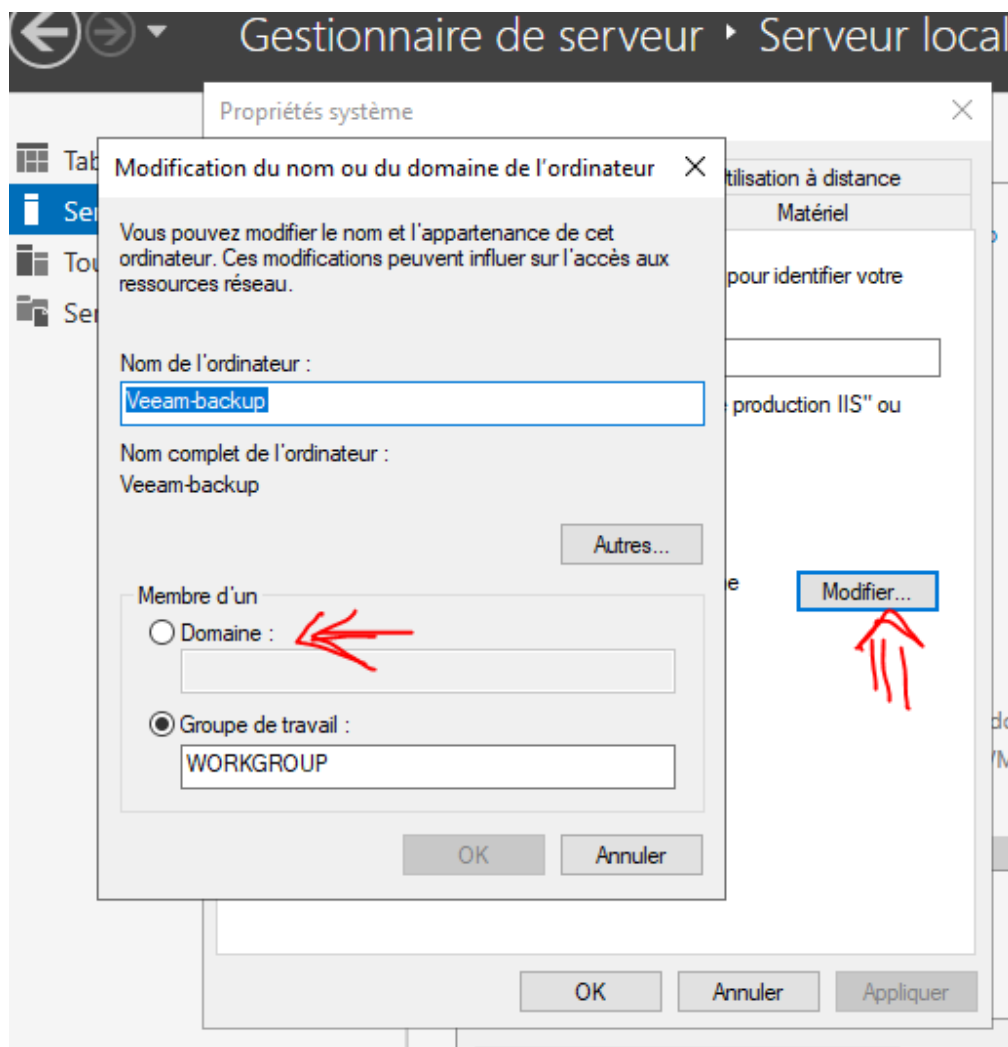
Nom de l'ordinateur	Veeam-backup	Derni
Groupe de travail	<u>WORKGROUP</u> ←	Wind
		Derni
Pare-feu Windows Defender	Public : Actif	Antiv
Gestion à distance	Activé	Com
Bureau à distance	Désactivé	Confi
Association de cartes réseau	Désactivé	Fuse
Ethernet0	<u>19.20.20.190</u>	ID de
Version du système d'exploitation	Microsoft Windows Server 2019 Datacenter	Proce
Informations sur le matériel	VMware, Inc. VMware Virtual Platform	Mém
		Espa

<

**ÉVÉNEMENTS**

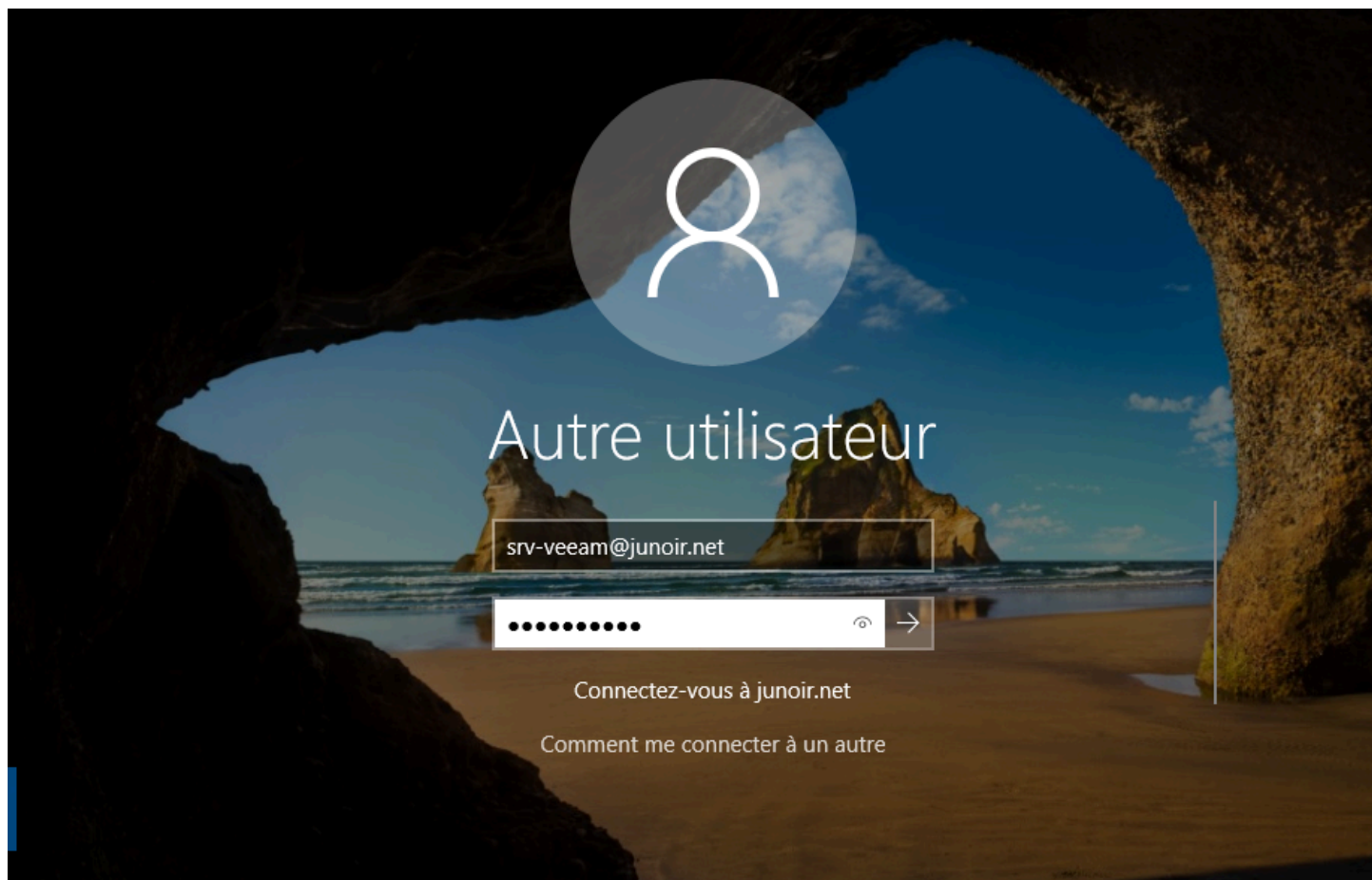
Tous les événements | 36 au total







1. Se connecté avec l'utilisateur **srv-veeam**



☐ RESULTAT

← → ▾ Gestionnaire de serveur ▸ Serveur local

Tableau de bord

**Serveur local**

Tous les serveurs

Services de fichiers et d... ▸

### PROPRIÉTÉS

Pour Veeam-backup

Nom de l'ordinateur	Veeam-backup	Dernières
Domaine	junoir.net	Windows
		Dernière r
Pare-feu Windows Defender	Domaine : Actif	Antivirus V
Gestion à distance	Activé	Comment
Bureau à distance	Désactivé	Configura
Association de cartes réseau	Désactivé	Fuseau ho
Ethernet0	19.20.20.190	ID de proc
Version du système d'exploitation	Microsoft Windows Server 2019 Datacenter	Processeu
Informations sur le matériel	VMware, Inc. VMware Virtual Platform	Mémoire i
		Espace dis

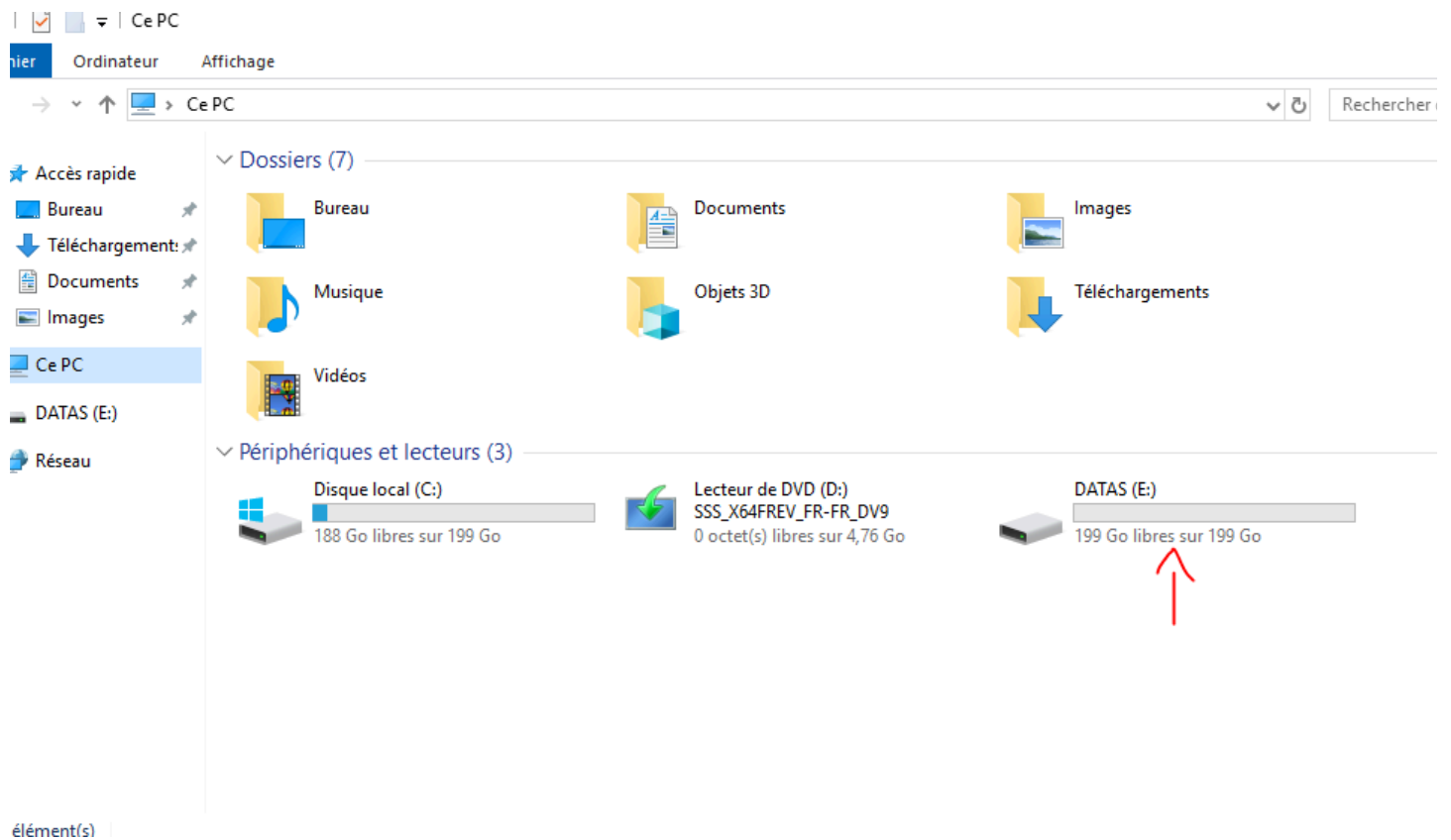
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### ÉVÉNEMENTS

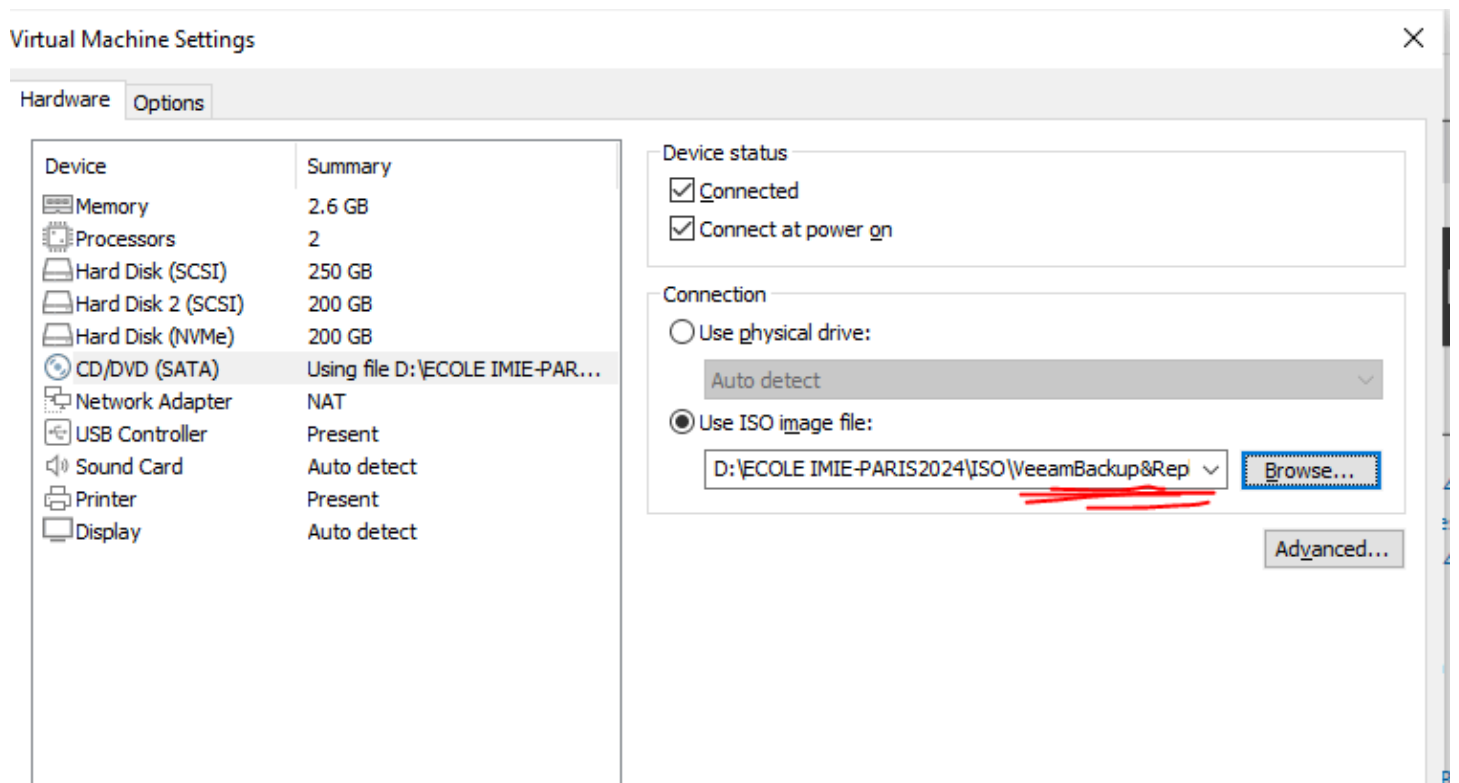
Tous les événements | 39 au total

Windows Search Taskbar Edge File Explorer Server

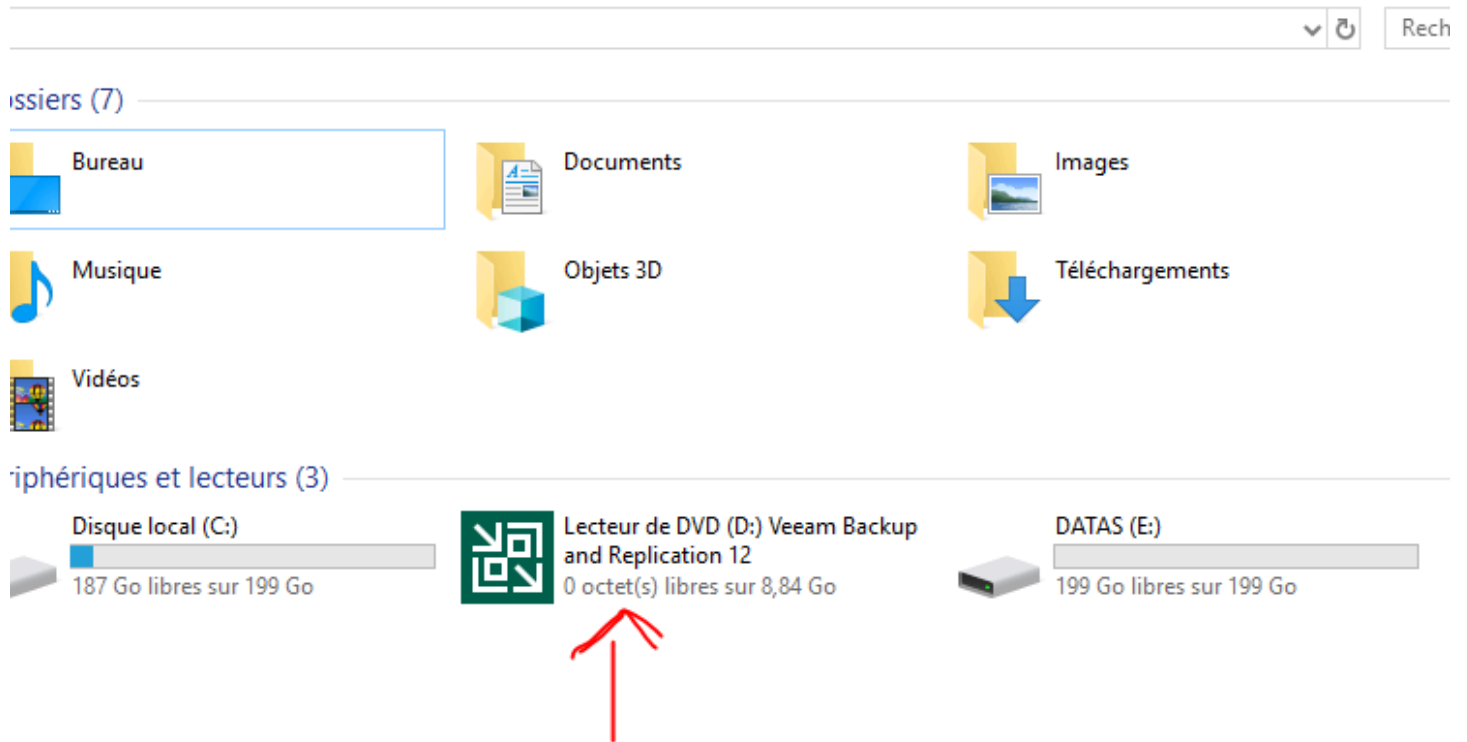
1. Ajouter un second disque dur dédié à la sauvegarde avec **Veeam Backup**



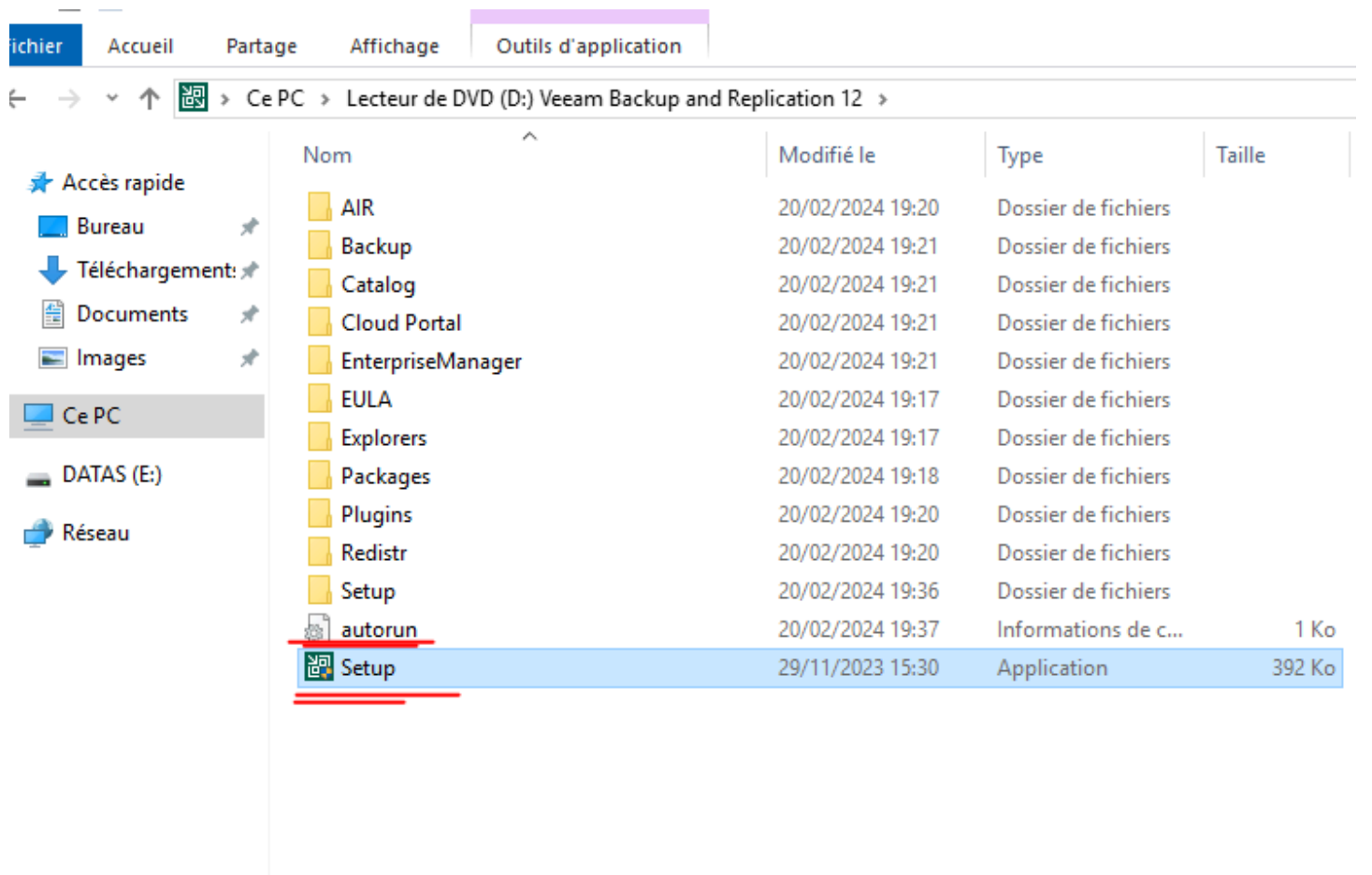
1. Il est maintenant nécessaire d'ajouter l'**ISO** de **Veeam Backup & Replication 12** afin de procéder à son installation et à sa configuration.



1. Faire un clic droit sur **veeam** puis appuyer sur **Ouvrir**



## 1. Faire un double clic sur **setup**



# Veeam Backup & Replication 12.1



Install

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

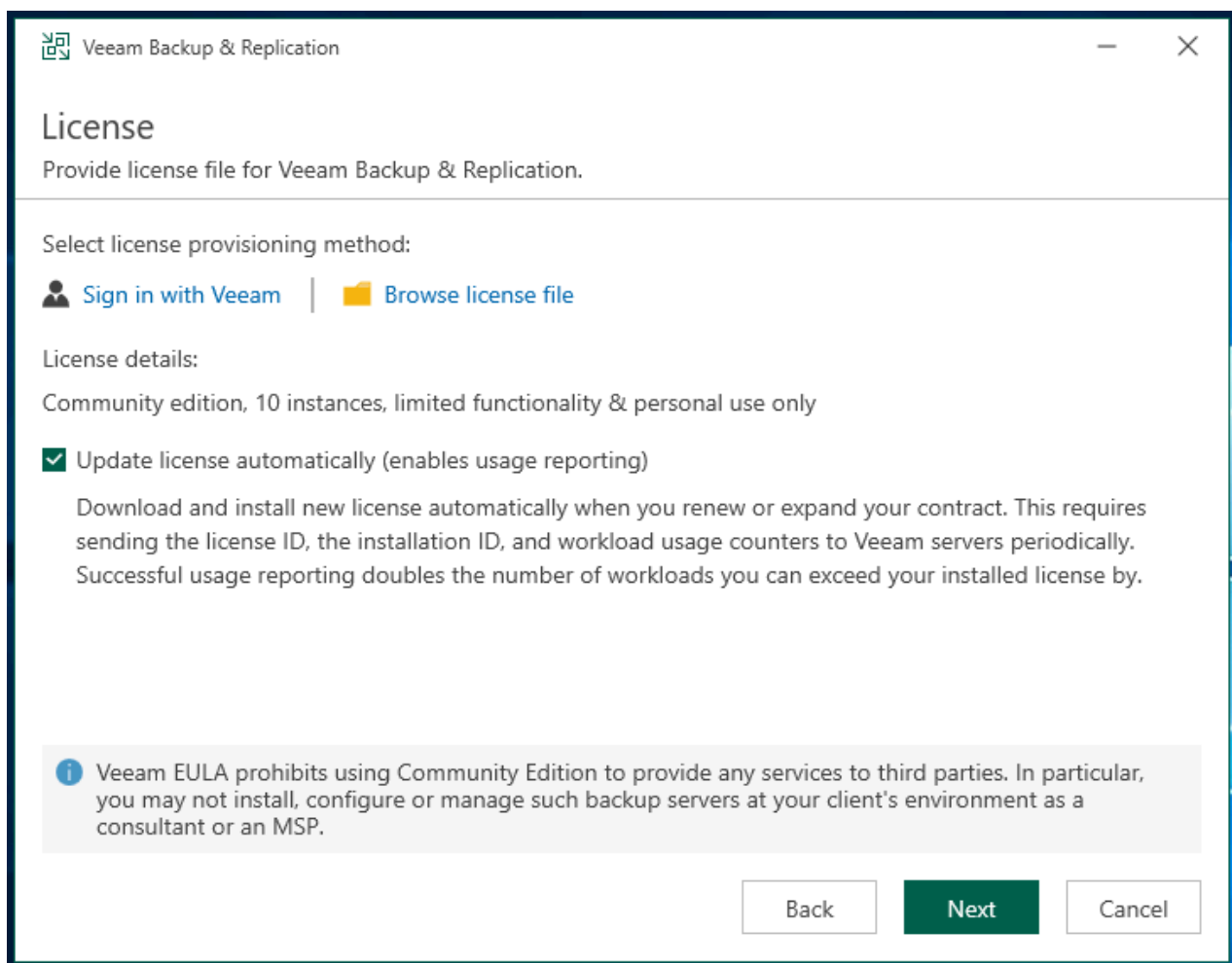
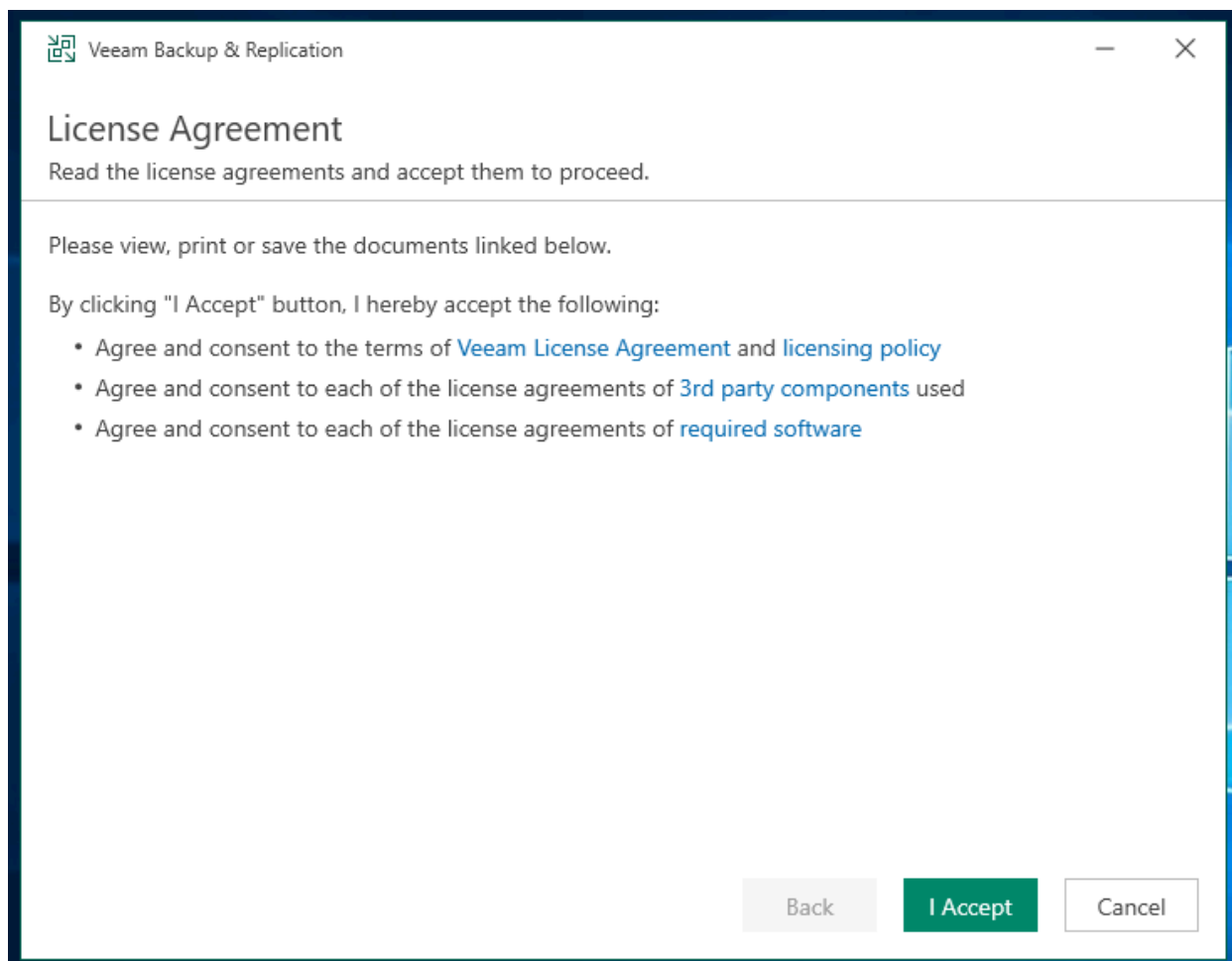
Veeam Backup Enterprise Manager is an optional web-based management and reporting console for Veeam Backup & Replication. It provides a single pane of glass for larger environments with multiple backup servers.



## Install Veeam Backup & Replication Console

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

[? View Documentation](#)



## System Configuration Check

System is being verified for potential installation problems.



Please wait...

Enabling missing features...

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

## 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:	Veeam-backup: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](#)

## Installing Veeam Backup & Replication

Please wait, installation may require significant time.

Step 2 of 7:

Installing Veeam Backup & Replication Server...



### Secure, centralized key management

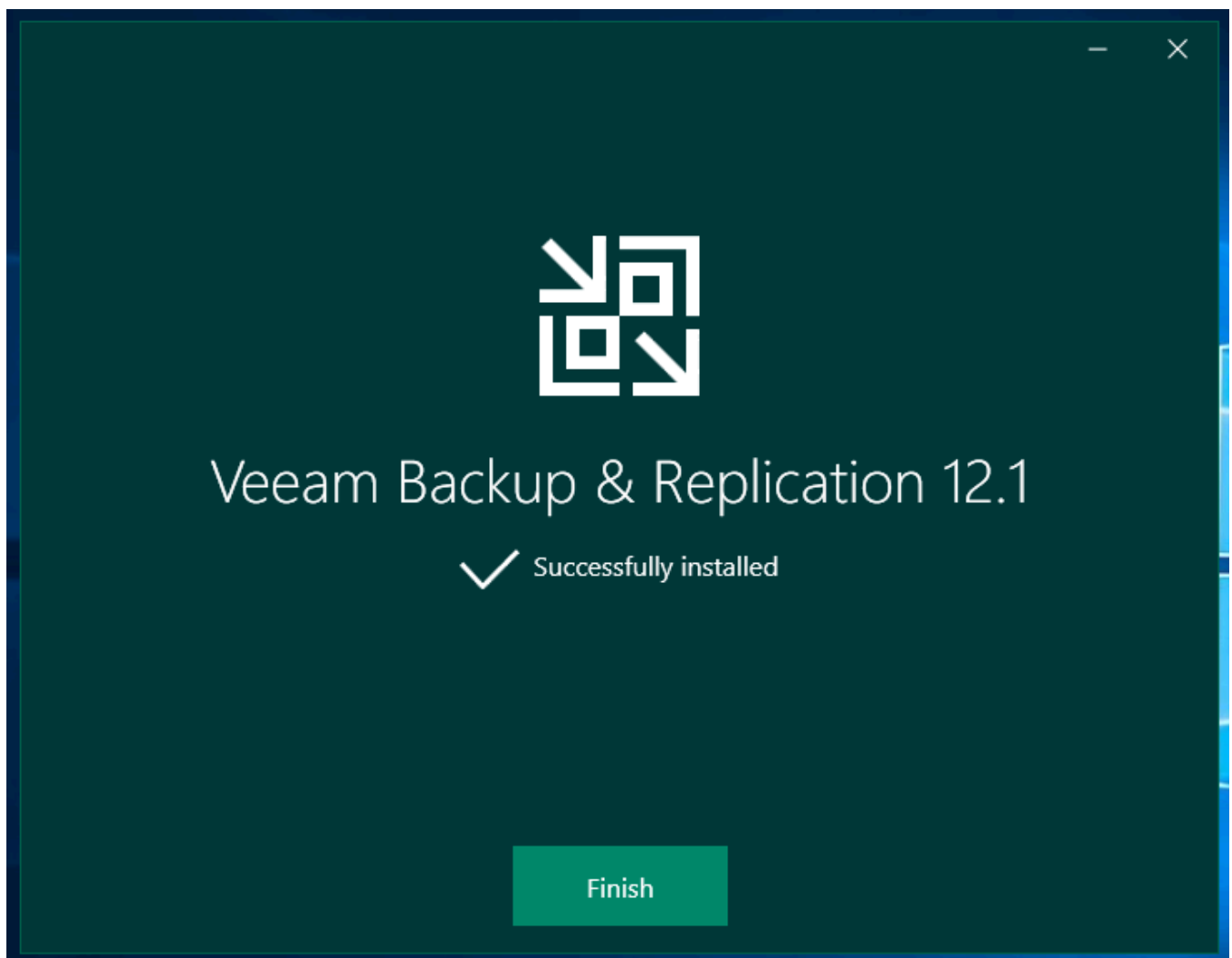
Eliminate the need for storing backup encryption keys in the configuration database and rotating them manually by integrating with an external Key Management Server (KMS).

Back

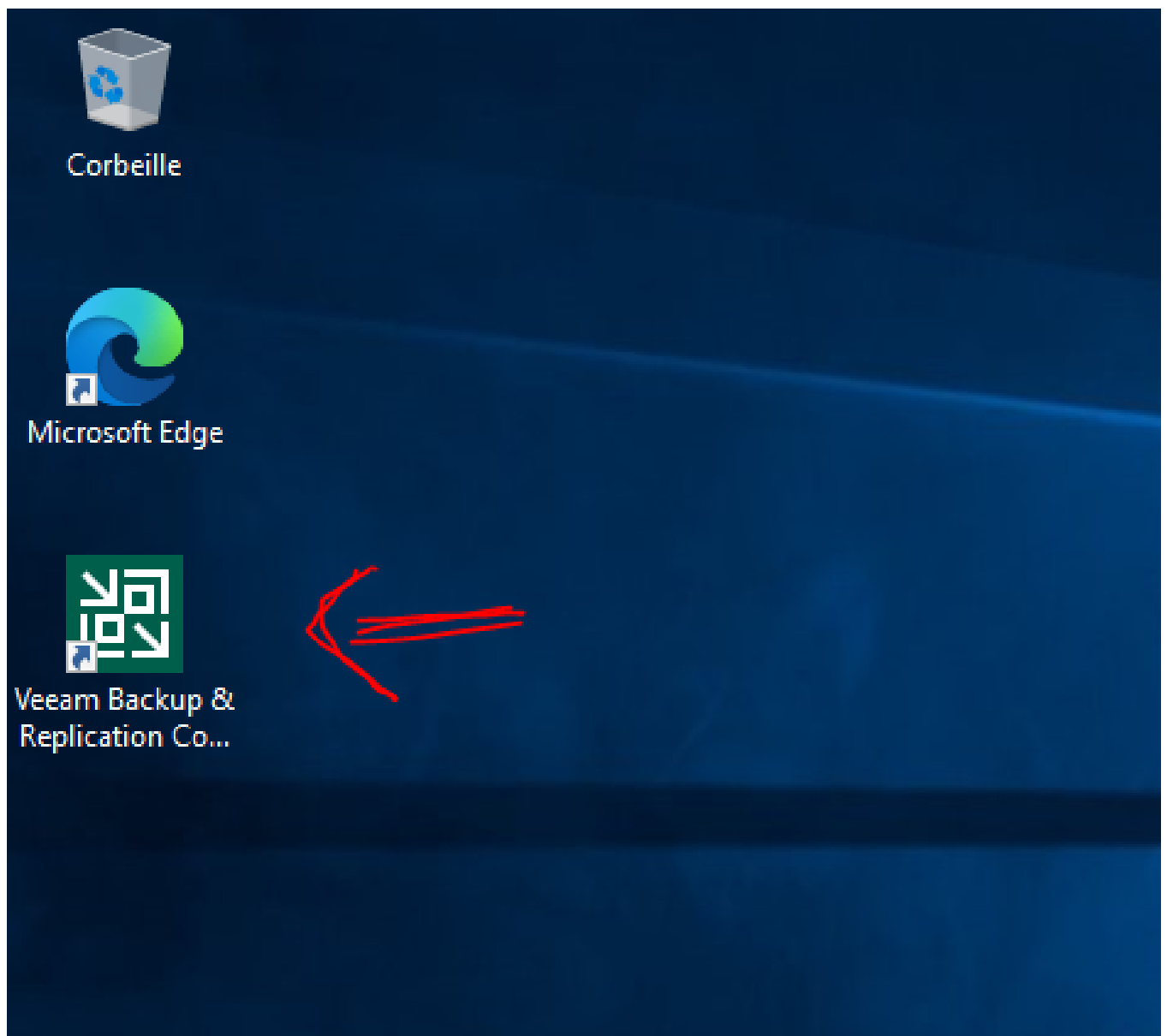
Install

Cancel

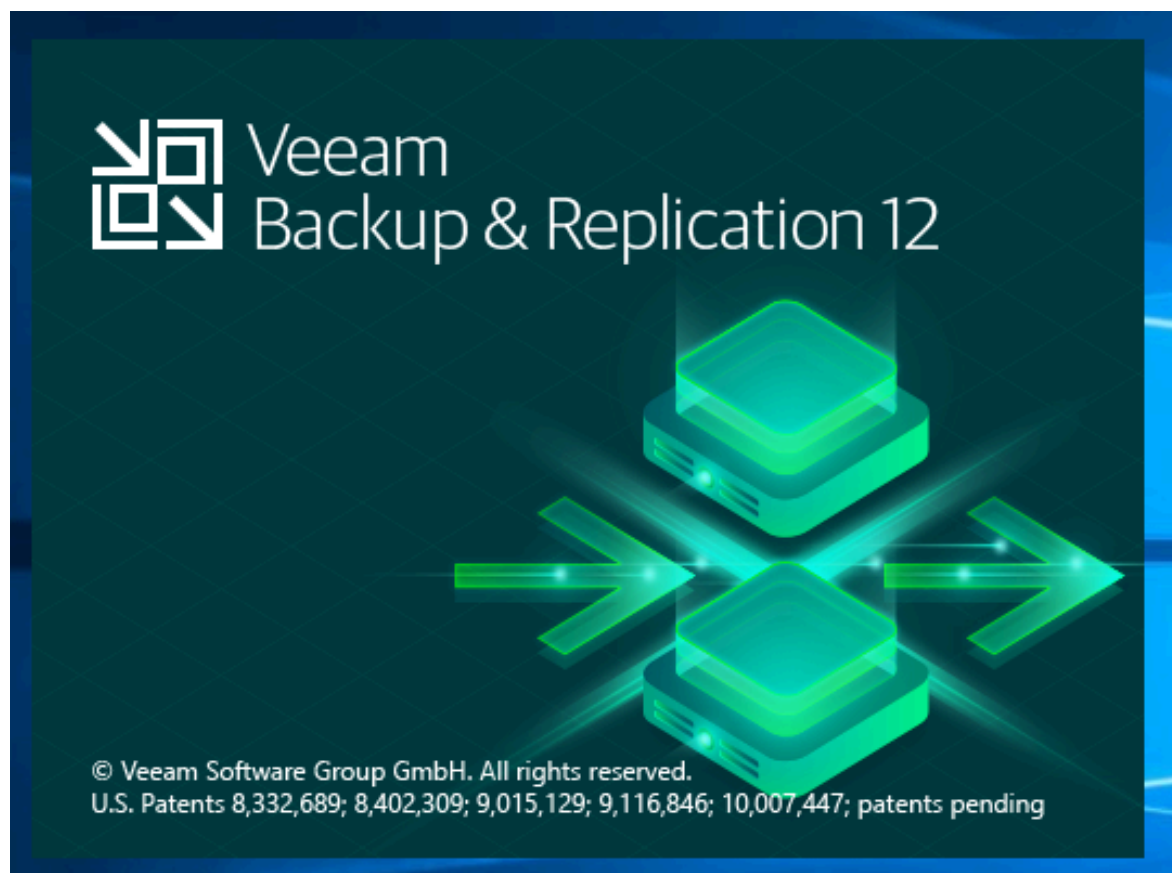
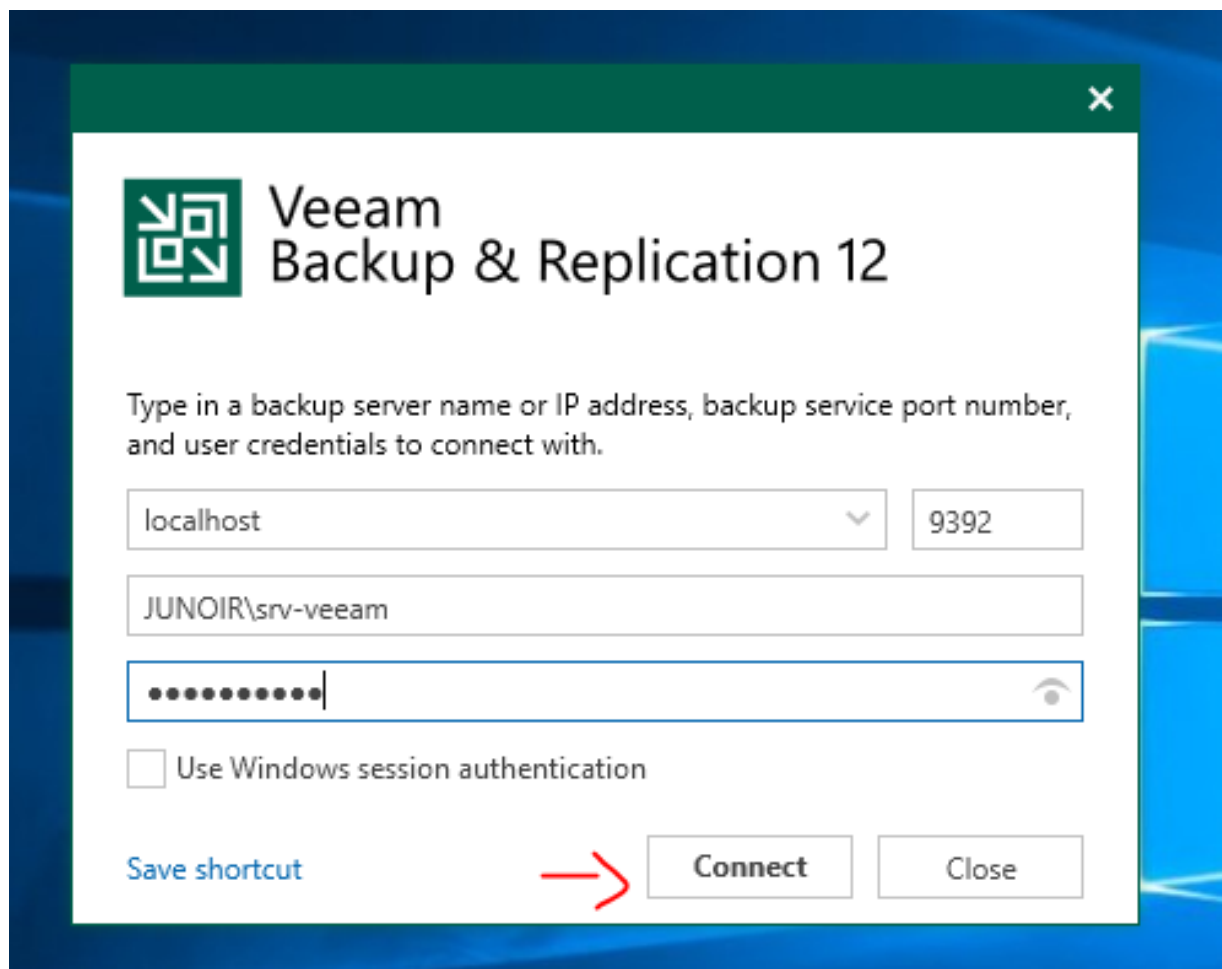




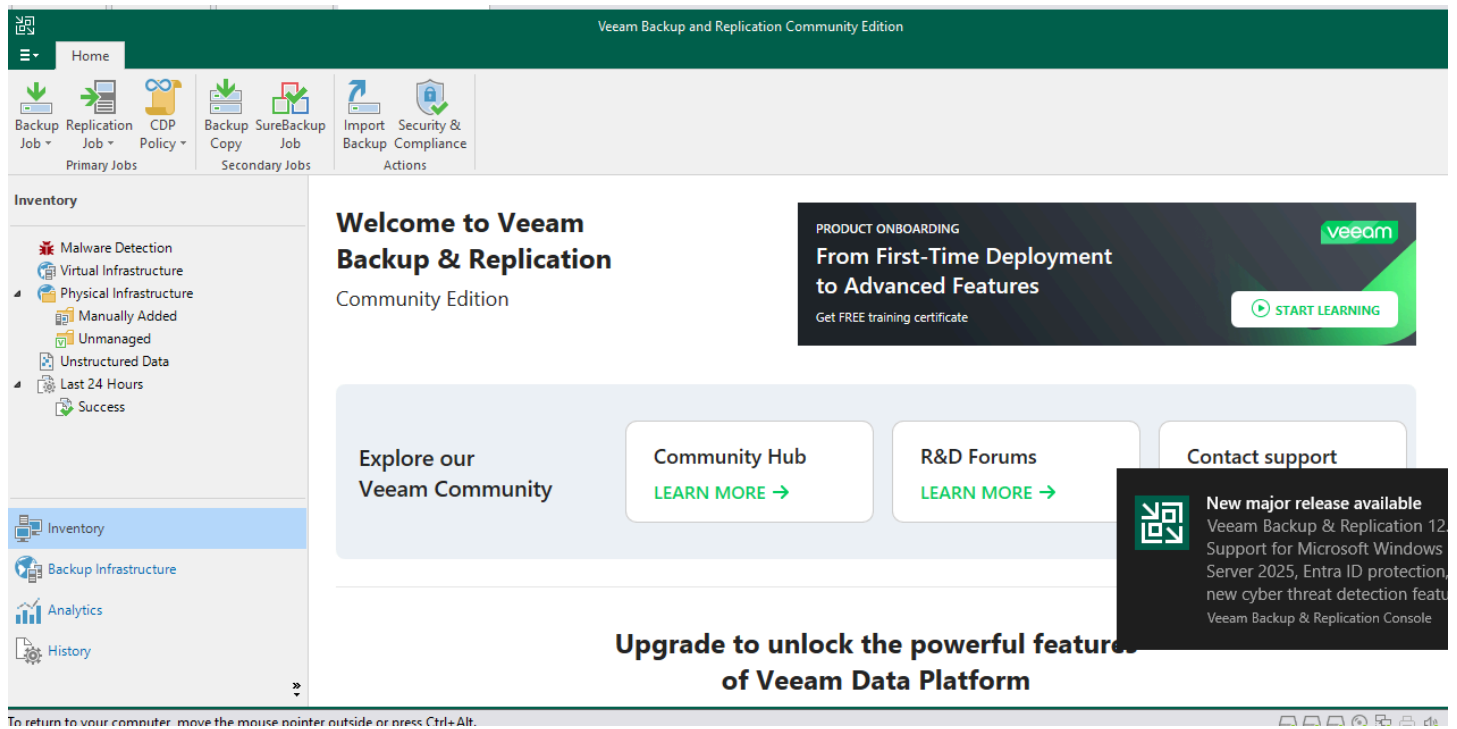
1. Ouvrir l'application **veeam backup**



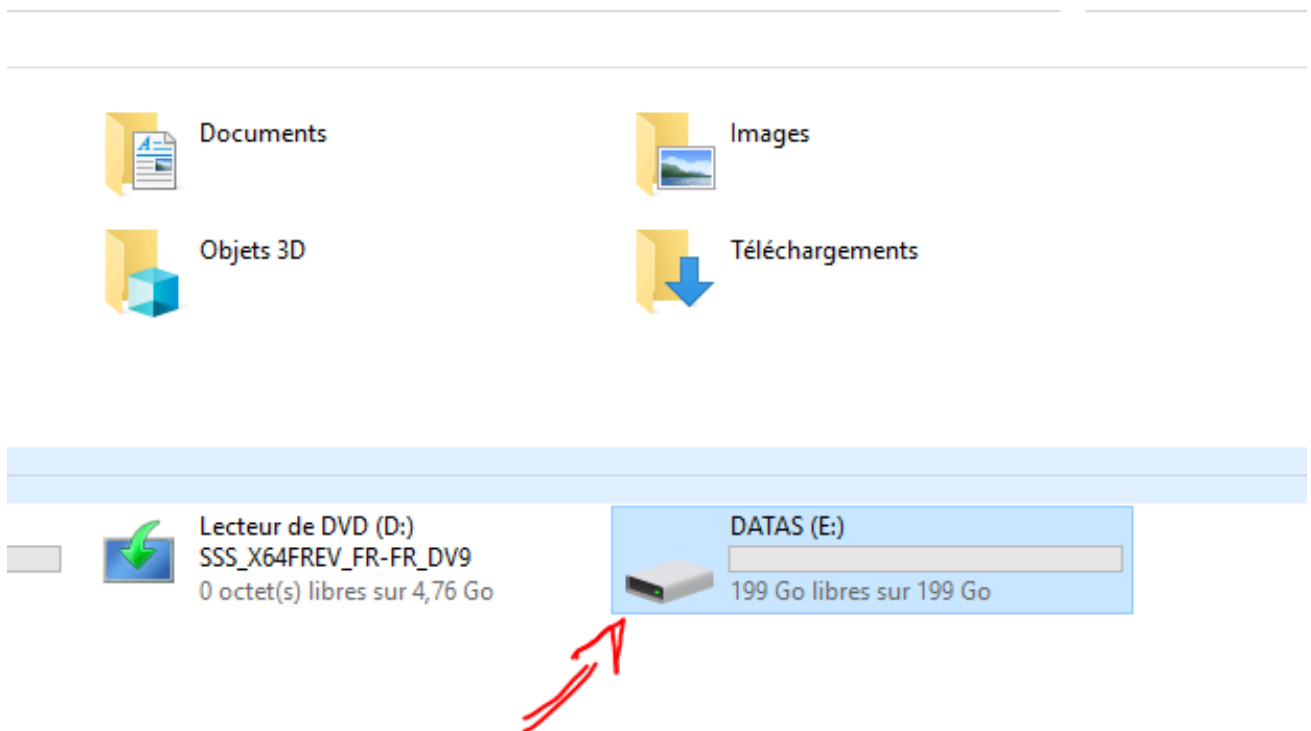
1. Se connecter avec l'utilisateur **srv-veeam**
2. Décocher la case Use Windows session authentication

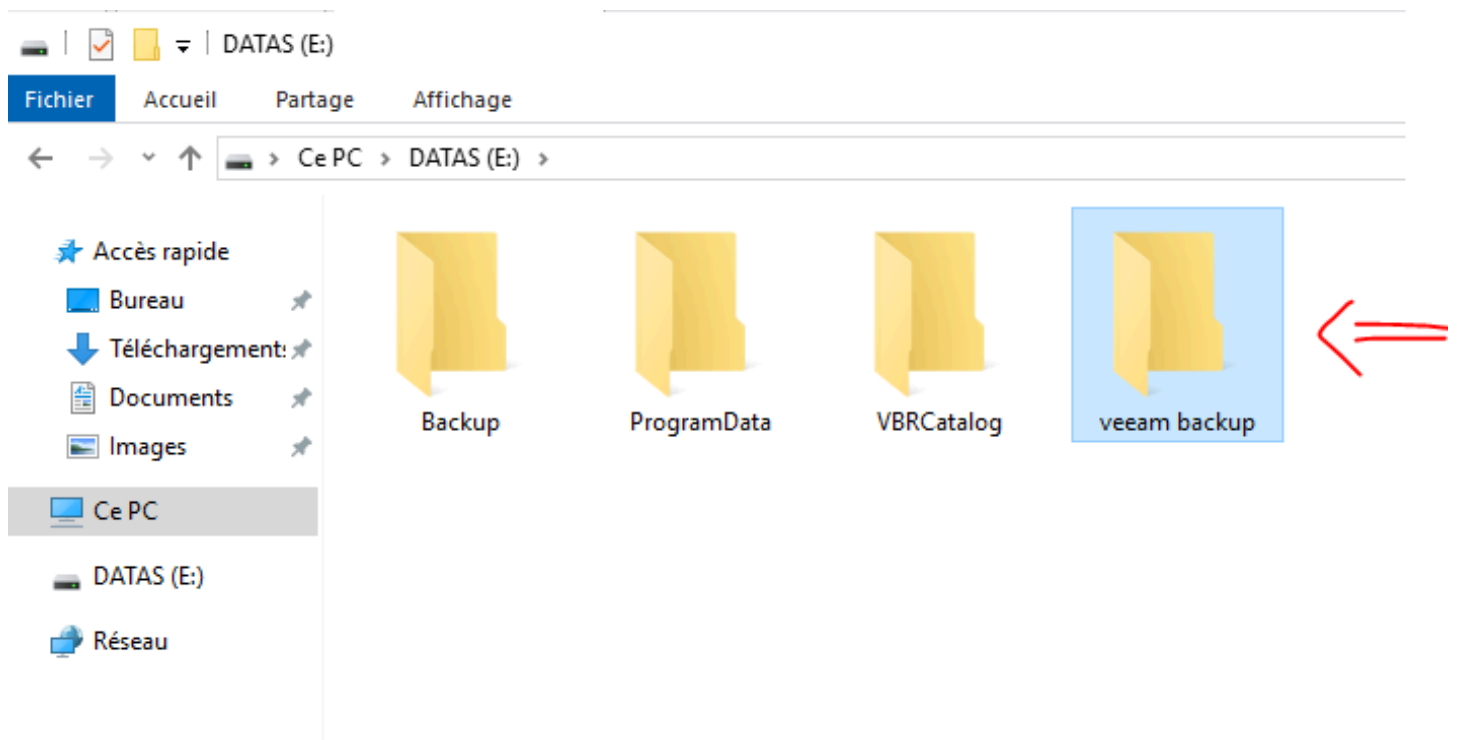


1. Bienvenue dans la console **veeam backup**




1. À présent, accédez au disque dur que vous avez ajouté et créez un dossier où toutes les sauvegardes seront stockées.







1. Repartir dans la console **veeam backup**
2. Dans Veeam Backup & Replication, cette action permet d'ajouter un emplacement de stockage pour les sauvegardes :
3. **Cliquez sur "Backup Infrastructure"** dans le menu principal.
4. **Faites un clic droit sur "Backup Repositories"** (qui gère les emplacements de stockage des sauvegardes).
5. **Sélectionnez "Add Backup Repository"** pour ajouter un nouvel espace de stockage (disque local, NAS, cloud, etc.).
6. Cela permet à Veeam de savoir où enregistrer les sauvegardes.



Add



Edit



Rescan

Repository

Repository

Tools

Manage Repository

Backup Infrastructure

Backup Proxies

Backup Repositories

External Re

WAN Ace

Service Providers

SureBackup

Application Groups

Virtual Labs

Add backup repository...

Rescan

Inventory

Backup Infrastructure

Analytics

History

Type in an object name to search for

Name ↑	Type
Default Backup Repository	Windows

# Add Backup Repository

Select the type of backup repository you want to add.



## 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.



## Network attached storage

Network share on a file server or a NAS device. When backing up to a remote share, we recommend that you select a gateway server located in the same site with the share.



## Deduplicating storage appliance

Dell Data Domain, ExaGrid, Fujitsu ETERNUS CS800, HPE StoreOnce, Infinidat InfiniGuard or Quantum DXi. If you are unable to meet the requirements of advanced integration via native appliance API, use the network attached storage option instead.



## Object storage

On-prem object storage system or a cloud object storage provider.



## 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.

**Name**

Type in a name and description for this backup repository.

**Name**

Server

Repository

Mount Server

Review

Apply

Summary

Name:

Backup Repository 1 disque DATAS (E:)

Description:

Created by JUNOIR\svr-veeam at 18/03/2025 19:36.

&lt; Previous

Next &gt;

Finish

Cancel



**Server**

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

Name	Repository server:			
Server	Veeam-backup.junoir.net (Backup server)	Add New...		
Repository		Path	Capacity	Free
Mount Server				
Review				
Apply				
Summary				

< Previous   Next >   Finish   Cancel

1. Cliquez sur "Veeam-backup.junoir.net" et choisissez DATAS(E:\)

Backup Repository

### Repository

Type in path to the f

### Select Folder

Objects:

- ▲ Veeam-backup.junoir.net
  - ▶ C:\
  - ▶ SSS\_X64FREV\_FR-FR\_DV9 (D:\)
  - ▶ **DATAS (E\)**

New Folder

OK

Cancel

ptions.

Browse...

Populate

ce overall performance, and  
ing settings:

Advanced...

Finish

Cancel

**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: <input type="text" value="E:\"/> <a href="#">Browse...</a>
<b>Repository</b>	Capacity: <Unknown> <a href="#">Populate</a>
Mount Server	Free space: <Unknown>
Review	Load control
Apply	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:
Summary	<input checked="" type="checkbox"/> Limit maximum concurrent tasks to: <input type="text" value="4"/>
	<input type="checkbox"/> Limit read and write data rate to: <input type="text" value="1"/> MB/s
	Click Advanced to customize repository settings. <a href="#">Advanced...</a>
<a href="#">&lt; Previous</a> <a href="#">Next &gt;</a> <a href="#">Finish</a> <a href="#">Cancel</a>	

Location
Path to folder: <input type="text" value="E:\"/>
Capacity: <Unknown>

**Veeam Backup and Replication** ✕

The file system on the specified volume does not support fast cloning. We recommend using ReFS volume formatted with 64 KB cluster size. Proceed anyway?

[Yes](#) [No](#)

**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	Veeam-backup.junoir.net (Backup server) <span>Add New...</span>
Repository	Instant recovery write cache folder:
Mount Server	E:\ProgramData\Veeam\Backup\IRCache\ <span>Browse...</span>
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 <u>(recommended)</u> <span>Ports...</span>
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

**Review**

Please review the settings, and click Apply to continue.

Name	The following components will be processed on server Veeam-backup.junoir.net:												
Server	<table><thead><tr><th>Component name</th><th>Status</th><th></th></tr></thead><tbody><tr><td>Transport</td><td>already exists</td><td></td></tr><tr><td>vPower NFS</td><td>already exists</td><td></td></tr><tr><td>Mount Server</td><td>already exists</td><td></td></tr></tbody></table>	Component name	Status		Transport	already exists		vPower NFS	already exists		Mount Server	already exists	
Component name	Status												
Transport	already exists												
vPower NFS	already exists												
Mount Server	already exists												
Repository													
Mount Server													
Review													
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

## 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	0:00:13
Repository	[Veeam-backup] Discovering installed packages	
Mount Server	Registering client Veeam-backup for package Transport	
	Registering client Veeam-backup for package vPower NFS	
	Registering client Veeam-backup for package Mount Server	
Review	Discovering installed packages	
	All required packages have been successfully installed	
Apply	Detecting server configuration	
	Reconfiguring vPower NFS service	0:00:08
Summary	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	

## New Backup Repository

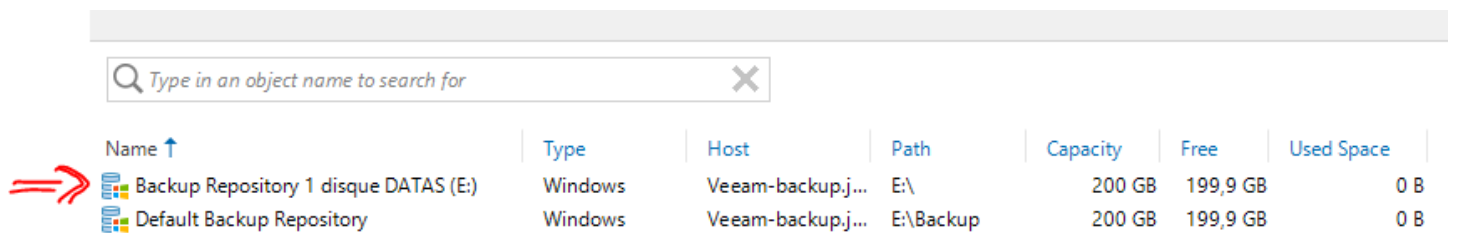
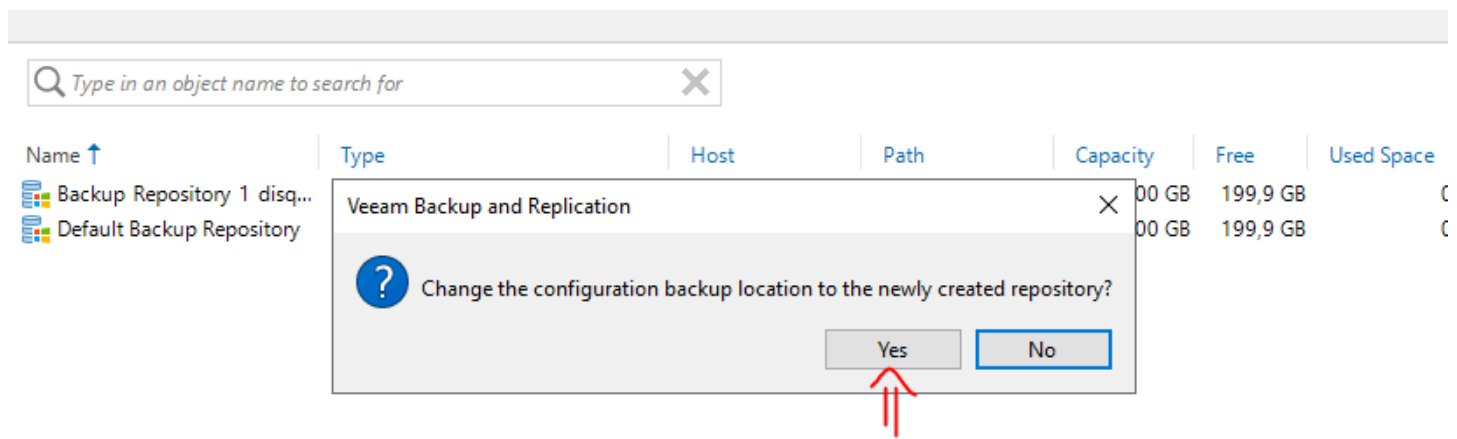


## Summary

You can copy the configuration information below for future reference.

Name	Summary:
Server	Windows backup repository 'Backup Repository 1 <u>disque DATAS (E:)</u> ' was successfully saved.
Repository	Mount host: <u>Veeam-backup.junoir.net</u>
Mount Server	Backup folder: <u>E:\</u>
Review	Write throughput: unlimited
Apply	Max parallel tasks: 4
Summary	

< Previous      Next >      **Finish**      Cancel



## Etape3: Démarrer la sauvegarde de votre Active Directory.

1. clic droit sur Backup Job
2. Choisir Windows Computer

Server Tools

Home

View

Server

Backup Job

Virtual machine...

Windows computer...

Linux computer...

Mac computer...

Unix computer...

Object Storage...

File share...

Replication Job

CDP Policy

Backup Copy

SureBackup Job

Secondary Jobs

Import Backup

Security Compliance

Actions

Add S

Before

button

For VT

makes

For M

For ph

NAS p

Create Veeam

**Job Mode**

Specify protected computer type and backup agent management mode.

<b>Job Mode</b>	Type:
Name	<input type="radio"/> Workstation
Computers	<input checked="" type="radio"/> <u>Server</u>
Backup Mode	<input type="radio"/> Failover cluster
Storage	Mode:
Guest Processing	<input checked="" type="radio"/> <b>Managed by backup server</b>
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 type="radio"/> <b>Managed by agent</b>
	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

1. Donner un nom pour votre sauvegarde et faire une description, pour moi c'est mon AD





## Name

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

Job Mode

Name

Computers

Backup Mode

Storage

Guest Processing

Schedule

Summary

Name:

AD

Description:

Sauvegarde de l'active directory

☐ 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

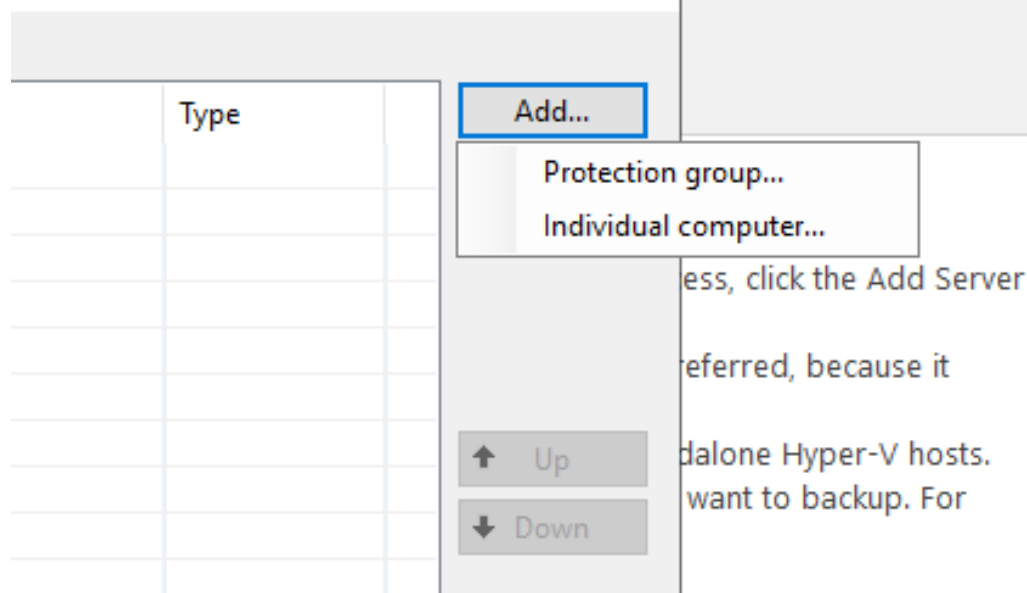
1. cliquer sur **Add**

computers

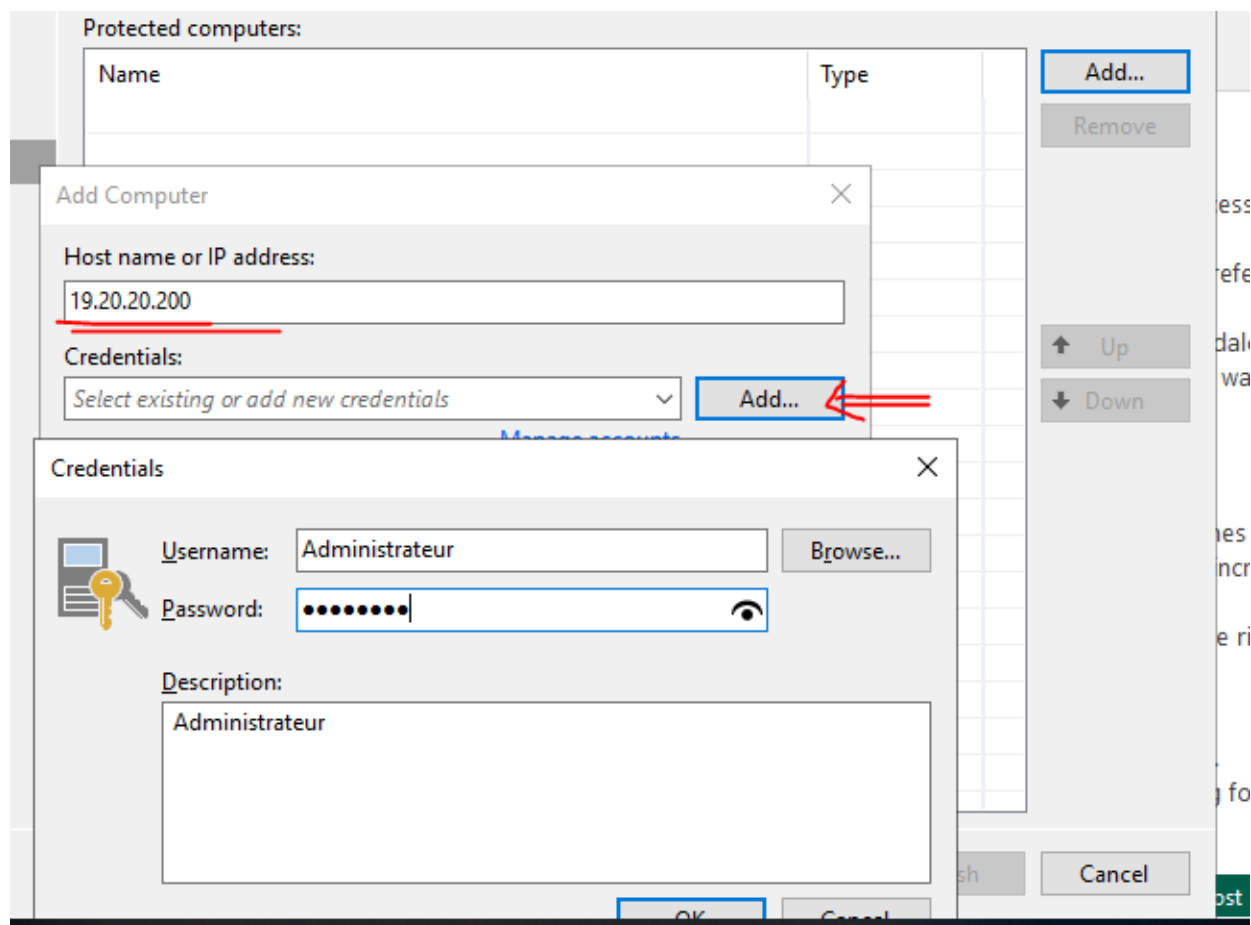
lect protection groups or individual machines to back up. Protection groups provide a dynamic selection scope that automatically updates the list of protected machines as new ones are discovered.

[illegible]

ie a dynamic selection scope that automatically



1. Mettre l'adresse IP du serveur AD qu'on souhaite remonter
2. Ensuite entrer les identifiants de votre serveur et son mot de passe





**Backup Mode**

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

Job Mode

Name

Computers

Backup Mode

Storage

Guest Processing

Schedule

Summary

☒ **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☐ **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.

☐ **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.

&lt; Previous

Next &gt;

Finish

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

Name

Computers

Backup Mode

Storage

Guest Processing

Schedule

Summary

Backup repository:

Default Backup Repository (Created by Veeam Backup)

199,9 GB free of 200 GB

[Map backup](#)

Retention policy: 7 days

☐ Keep certain full backups longer for archival purposes

GFS retention policy is not configured

[Configure...](#)☐ 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...](#)

&lt; Previous

Next &gt;

Finish

Cancel

**Guest Processing**

Choose application processing options.

Job Mode	<input checked="" type="checkbox"/> <b>Enable application-aware processing</b> 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 <a href="#">Applications...</a>
Name	
Computers	
Backup Mode	<input checked="" type="checkbox"/> <b>Enable guest file system indexing and malware detection</b> 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 <a href="#">Indexing...</a>
Storage	
<b>Guest Processing</b>	
Schedule	
Summary	

**Schedule**

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

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

[< Previous](#) [Apply](#) [Finish](#) [Cancel](#)



## Summary

The job's settings have been saved successfully. Click Finish to exit the wizard.

Job Mode	Summary:
Name	Configuration has been successfully saved.
Computers	Name: AD
Backup Mode	Description: Sauvegarde de l'active directory
Storage	Type: server
Guest Processing	Mode: managed by backup server
Schedule	Protected computers: 19.20.20.200
Summary	Backup mode: entire computer
	Destination: Veeam backup repository
	Target storage: Default Backup Repository
	Retention policy: 7 days
	Application-aware processing is enabled
	Guest file system indexing is enabled
	Backup is not scheduled to run automatically
	GFS retention policy: not set
	<input type="checkbox"/> Run the job when I click Finish
	< Previous    Next > <b>Finish</b> Cancel

1. Pour lancer la sauvegarde il faut appuyer sur le bouton start tout en haut à droit
2. Le backup est maintenant en cours
3. pour le voir avec dans Home

Veeam Backup and Replication Community Edition

Home View Job

Start Stop Retry Active Full Statistics Report Edit Clone Disable Delete

Job Control Details Manage Job

Home

Type in an object name to search for

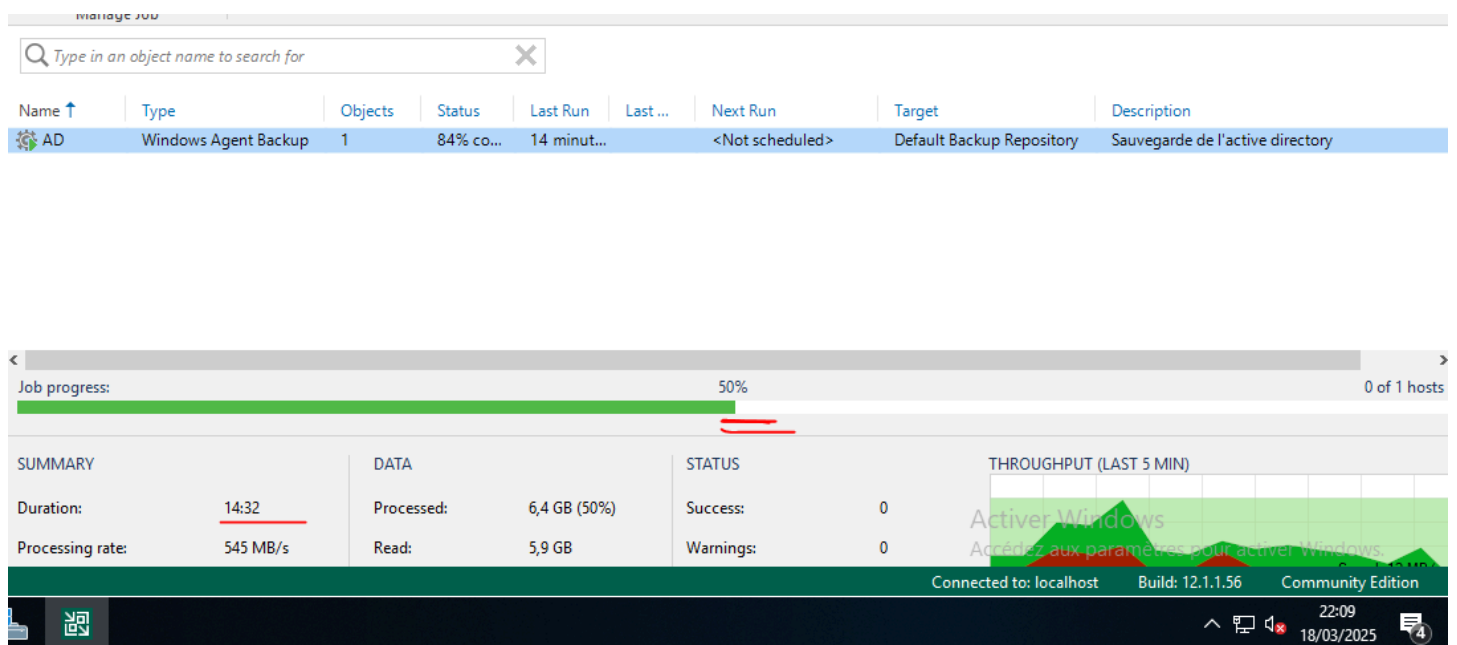
Name	Type	Objects	Status	Last Run	Last ...	Next Run	Target	Description
AD	Windows Agent Backup	1	Starting	Just now		<Not scheduled>	Default Backup Repository	Sauvegarde de l'active directory

Job progress: 0% 0 of 0 h

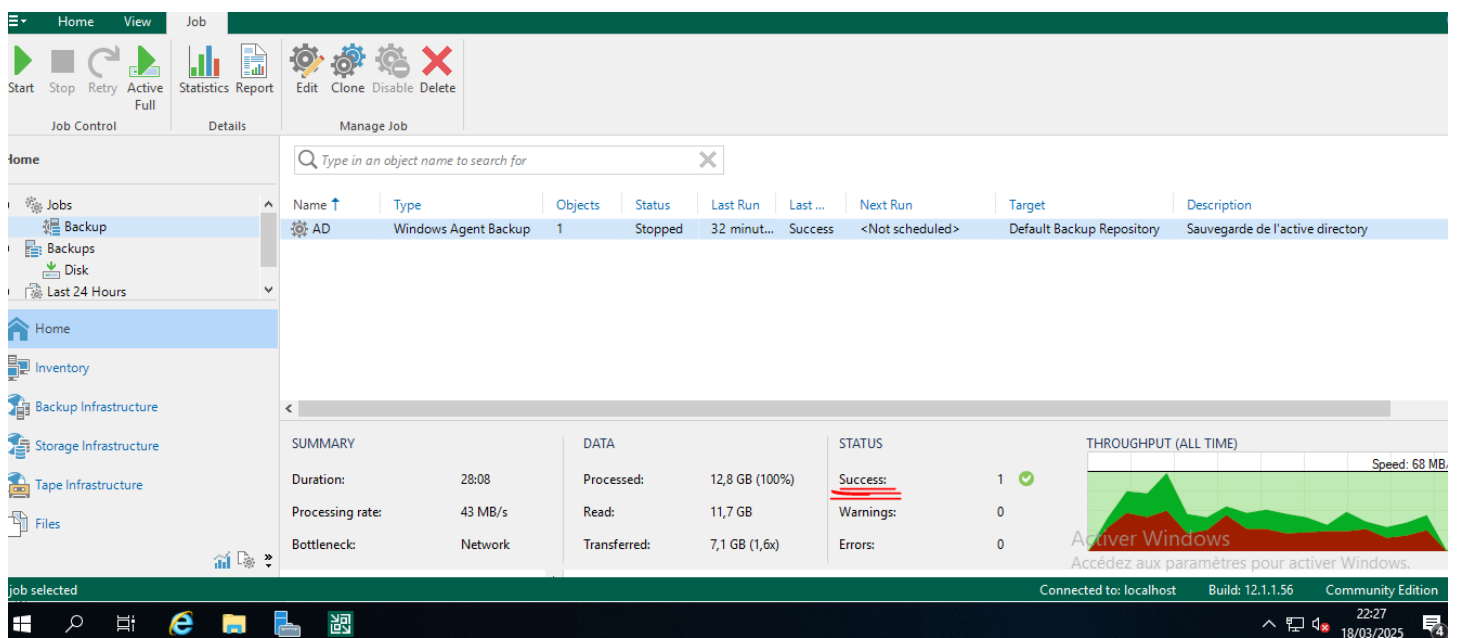
SUMMARY	DATA	STATUS	THROUGHPUT (LAST 5 MIN)
Duration: 00:09	Processed: 0 B (0%)	Success: 0	
Processing rate: N/A	Read: 0 B	Warnings: 0	

job selected Connected to: localhost Build: 12.1.1.56 Community Edition

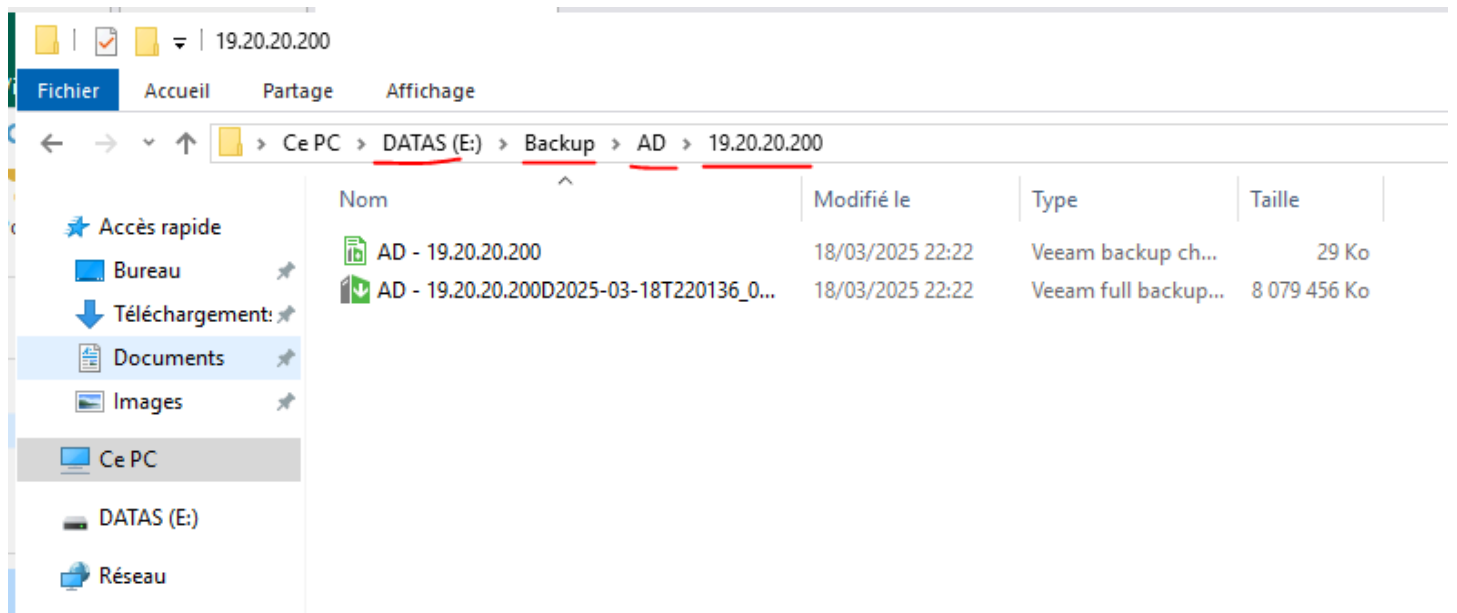
21:55 18/03/2025



## 1. Fin de téléchargement



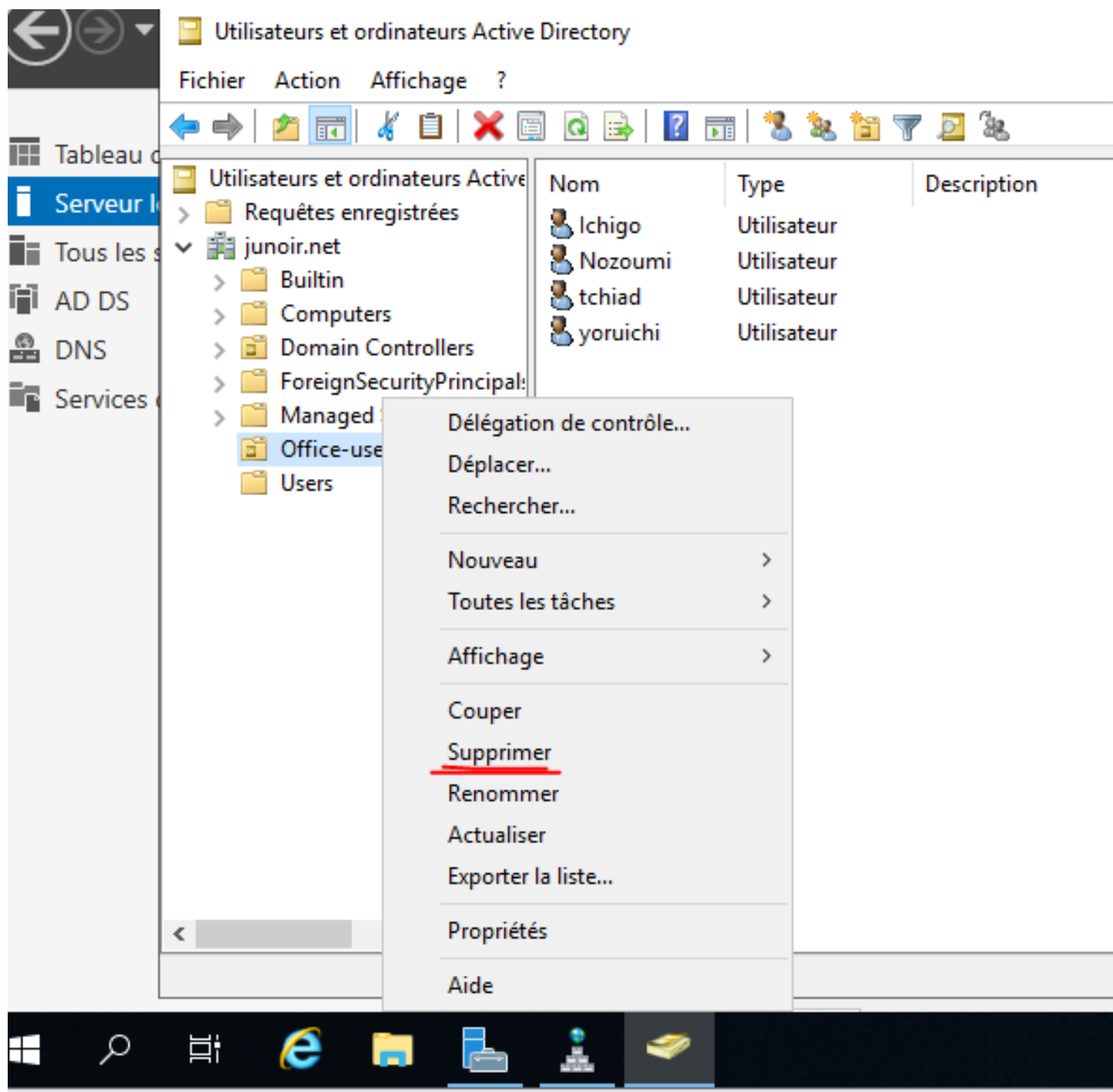
1. vérifier votre backup depuis les fichiers
2. Aller dans le disque dur DATAS / dossier Backup / dossier AD / dossier avec IP du serveur

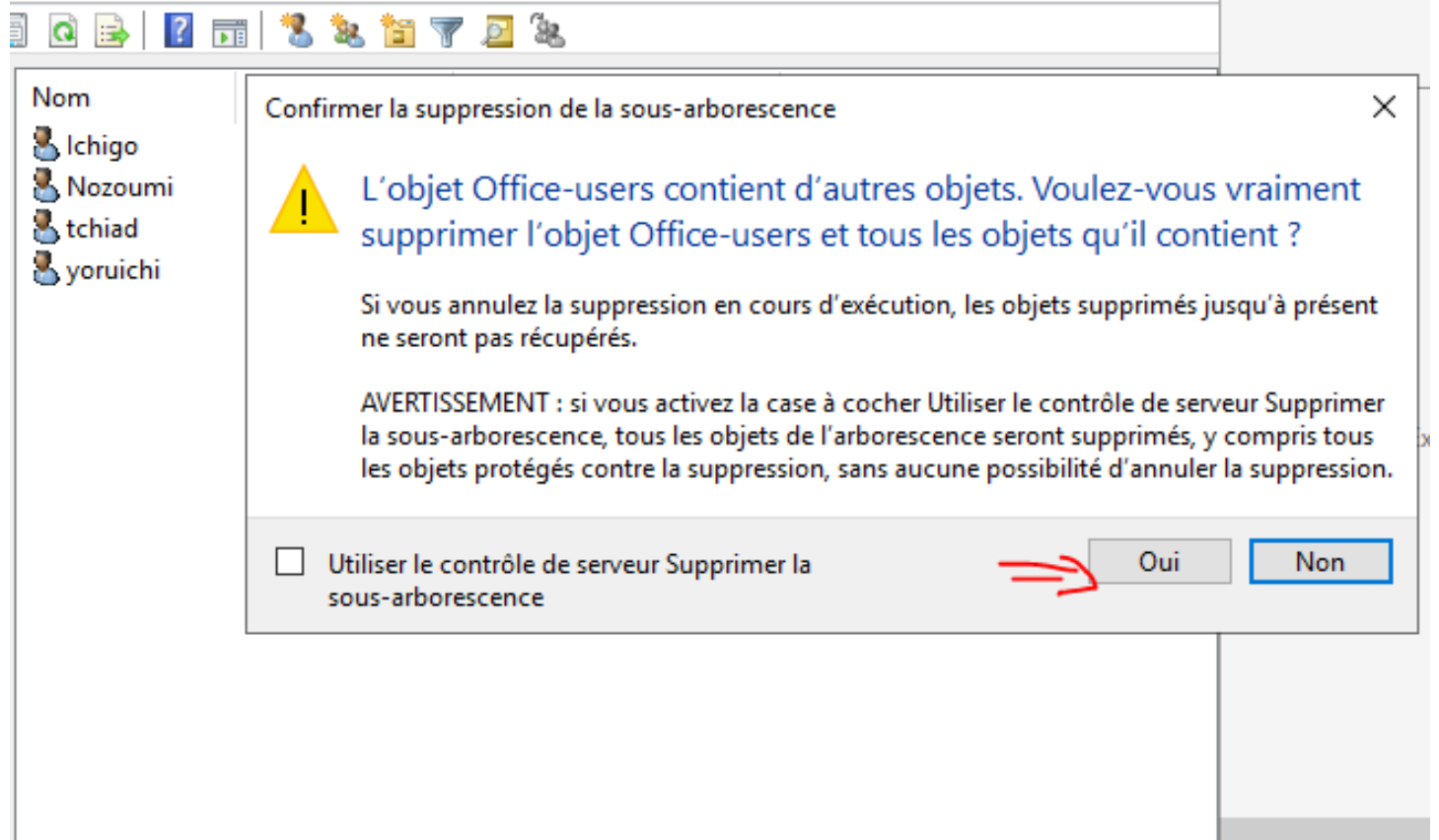


## Etape4: Simulation d'une erreur ou d'une suppression des utilisateurs depuis le serveur AD

1. On va supprimer l'OU Office-user qui contient vos utilisateurs du domaine







## Etape5: Restauration des utilisateurs supprimer depuis le serveur AD

1. Cliquer sur restore

Veeam Backup a

Home View

Backup Job Replication Job CDP Policy Backup Copy SureBackup Job Restore Import Backup Export Backup Security & Compliance

Primary Jobs Secondary Jobs Restore Actions

me

Jobs

Backup

Backups

Disk

Last 24 Hours

Home

Inventory

Backup Infrastructure

Storage Infrastructure

Tape Infrastructure

Type in an object name to search for

Name ↑	Type	Objects	St
AD	Windows Agent Backup	1	St

1. Cliquer sur Application items restore

# 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.

1. Cliquer sur Microsoft Active Directory



## Application Items Restore

Choose the application which items you want to restore.



### Microsoft Active Directory



Restore users, groups and computer accounts (or individual attributes), Group Policy Objects, integrated DNS records and configuration partition objects to the production Active Directory.



### Microsoft Exchange

Find and restore individual mailbox items such as emails, appointments or contacts to the production mailbox, or locally to a MSG or PST file.



### Microsoft SharePoint

Find and restore individual documents, libraries and entire sites from a backup of the VM hosting SharePoint content database (SQL Server database files or blob storage).

## Microsoft Active Directory Object Restore



### Machines

Select a domain controller machine to restore from.

#### Machines

Restore Point

Reason

Summary

Domain controller: **DC1-paris.junoir.net**

☐ Show all objects

Job name	Last restore point	Objects	Restore points
AD	18/03/2025 22:01:36	1	
DC1-paris.junoi...	less than a day ago (2...		1



Type in an object name to search for



< Previous

Next >

Browse

Cancel

Activer V  
Activez au

Connected to local



Select the restore point to restore from.

Select the restore point to restore from.

Original host: [Veeam-backup.junoir.net](http://Veeam-backup.junoir.net)

VM size: 12,8 GB

Available restore points:

Created

Type

## Backup

less than a day ago (22:01 mardi 18/03...

Full

AD



**Reason**

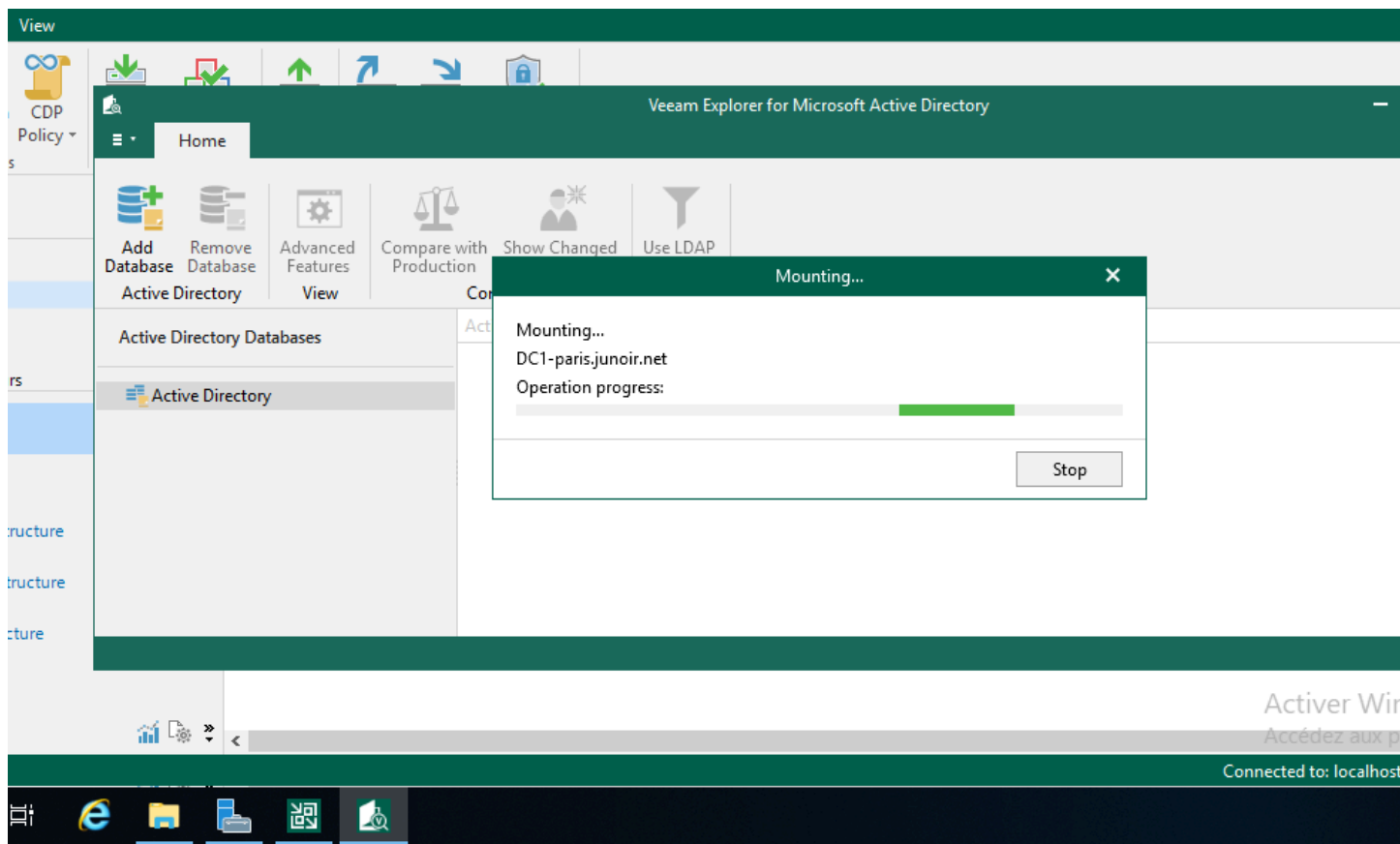
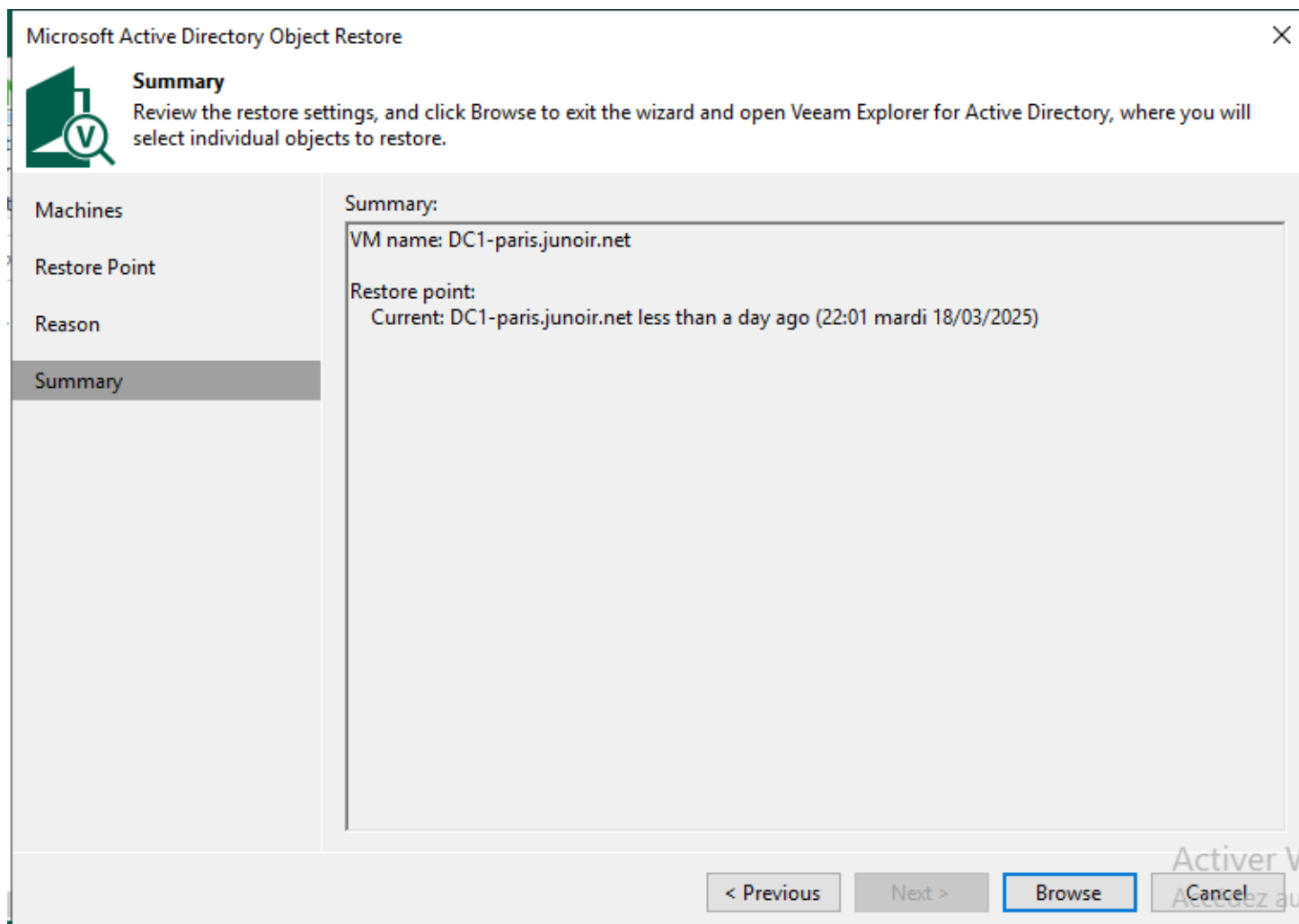
Provide the restore reason for the future reference.

- Machines
- Restore Point
- Reason**
- Summary

Restore reason:

restauration objet Active Directory

☐ Do not show me this page again





DC1-paris.junoir.net as of less than a day ago (22:01 mardi 18/03/2025) - Veeam Explorer for Microsoft

Home Container

Restore Container Export Container Restore Compare with Production Show Changed Objects Only Compare Use LDAP Filter Search

Active Directory Databases

- Active Directory
  - junoir.net
    - Users and Computers
      - Computers
      - Domain Controllers
      - ForeignSecurityPrincipals
      - Keys
      - Managed Service Accounts
      - Office-users
      - Program Data
      - Users
    - Group Policy Objects

Office-users

	Name	Type	Item State	Description
	Ichigo	user		
	Nozoumi	user		
	tchiad	user		
	yoruichi	user		

Load completed 4 objects found.

1. clic droit sur Office-user puis restore container to DC1-paris.junoir.net

Restore Container ▾ Export Container ▾ Compare with Production Show Changed Objects Only Use LDAP Filter Search

Active Directory Databases

Active Directory

- junoir.net
  - Users and Computers
    - Computers
    - Domain Controllers
    - ForeignSecurityPrincipals
    - Keys
    - Managed Service Accounts
    - Office-users
    - Program Data
    - Users
  - Group Policy Objects

Office-users

	Name	Type	Item State	D
	Ichigo	user		
	Nozoumi	user		
	tchiad	user		
	yoruichi	user		

Load completed 4 objects found.

Restore container to DC1-paris.junoir.net

Restore container to...

Export container to Desktop

Export container to...

View attributes...

1. restauration en cour

Home Container

Restore Export Container Compare with Production Show Changed Objects Only Use LDAP Filter Search

Active Directory Databases

Active Directory

- junoir.net
  - Users and Computers
    - Computers
    - Domain Controllers
    - ForeignSecurityPrincipals
    - Keys
    - Managed Service Accounts
    - Office-users
    - Program Data
    - Users
  - Group Policy Objects

Veeam Explorer for Microsoft Active Directory

Counting objects...  
5 objects found  
Time remaining: estimating...  
Operation progress: 0%

Stop

completed 4 objects found.

DC1-paris.junoir.net as of less than a day ago (22:01 mardi 18/03/2025) - Veeam Explorer for Microsoft Active Directory

Home Container

Restore Export Container Compare with Production Show Changed Objects Only Use LDAP Filter Search

Active Directory Databases

Active Directory

- junoir.net
  - Users and Computers
    - Computers
    - Domain Controllers
    - ForeignSecurityPrincipals
    - Keys
    - Managed Service Accounts
    - Office-users
    - Program Data
    - Users
  - Group Policy Objects

Office-users

Veeam Explorer for Microsoft Active Directory

Restore summary  
5 objects restored.  
Restore succeeded.

See more OK

d completed 4 objects found.

## Etape6: Restaurations des utilisateurs depuis le serveur AD

