

Veeam Backup & Replication

04/12/2024

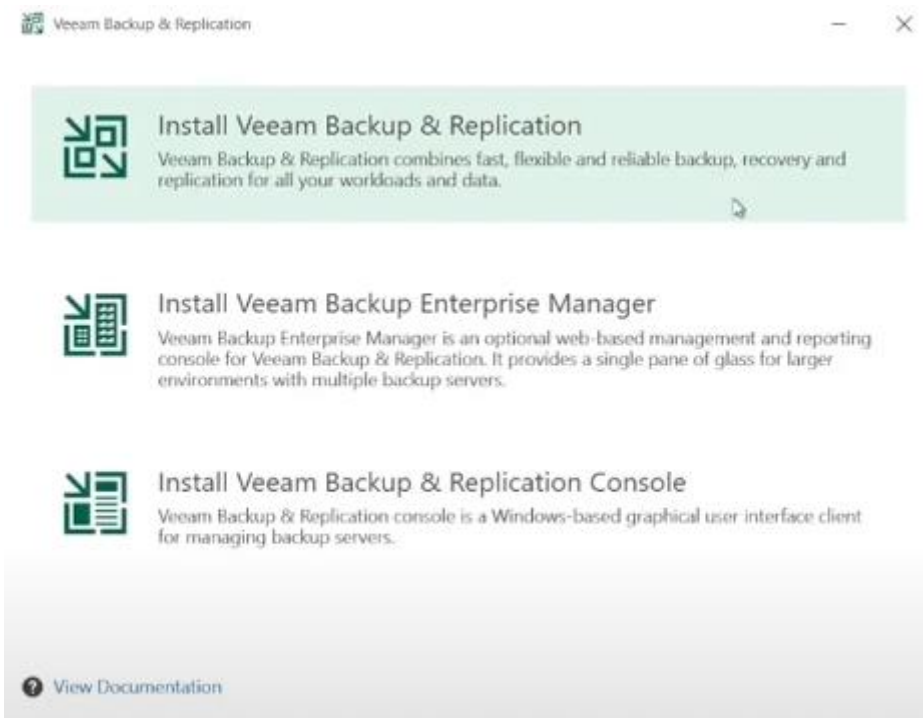
GUISSE
Benjamin



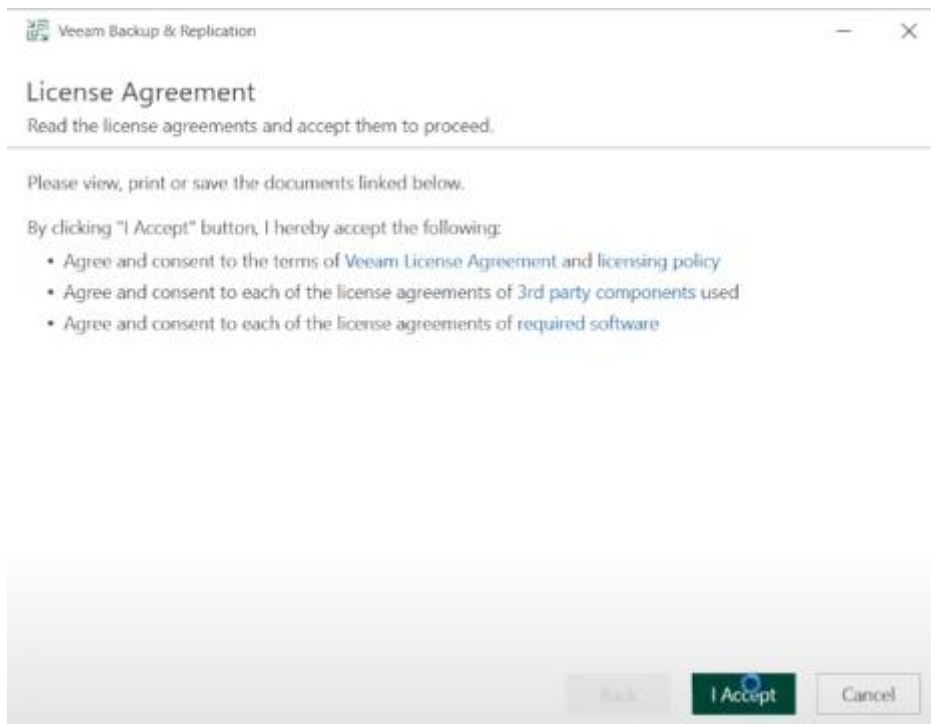
Présentation

Veeam Backup & Replication est une solution performante et innovante conçue pour assurer la sauvegarde, la restauration et la continuité des activités des entreprises. Elle garantit la protection des données critiques, qu'elles soient hébergées sur site, dans le cloud ou dans des environnements hybrides. Avec des options flexibles de gestion et une automatisation avancée, Veeam réduit les risques de perte de données tout en minimisant les interruptions. Facile à déployer, il constitue une solution stratégique pour protéger efficacement les données modernes.

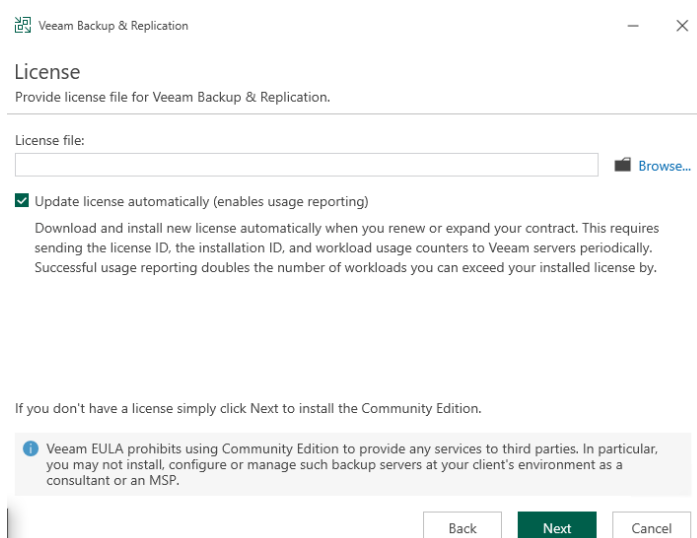
Choisissez « Install Veeam Backup & Replication ».



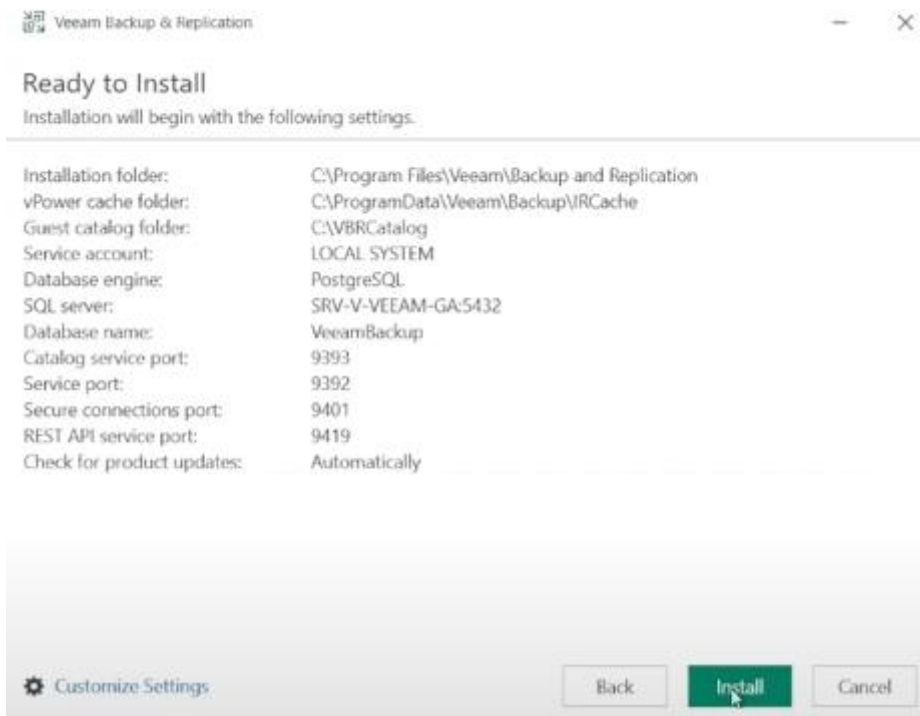
Cliquez sur « I Accept » pour accepter les termes et continuer.



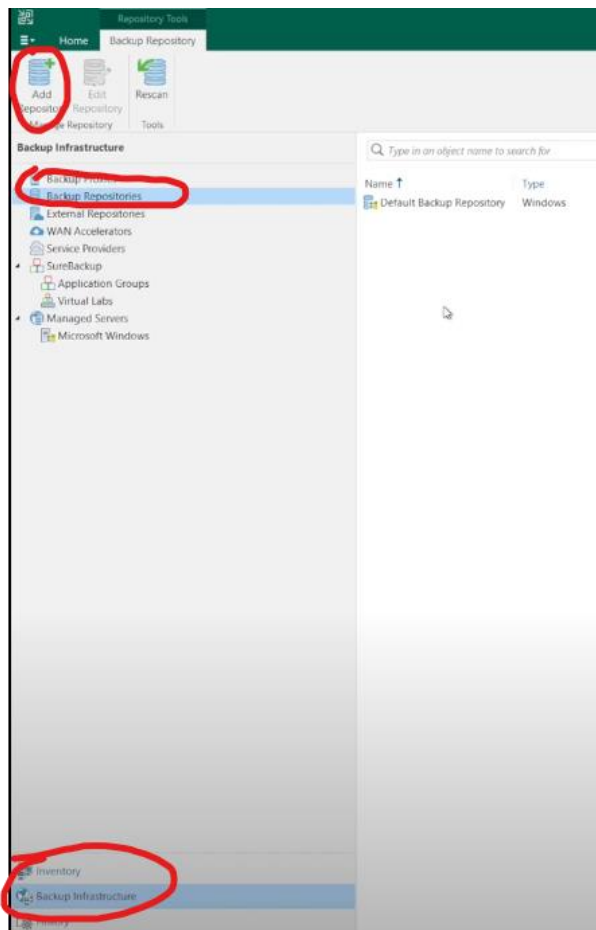
Cochez « Update license automatically », cliquez sur « Next », puis terminez avec « Install ».



Puis terminez en sélectionnant « Install ».




Rendez-vous dans « Backup Infrastructure », puis dans « Backup Repositories » et sélectionnez « Add Repository »





Choisissez « Network Attached Storage ».


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.

Cancel



Network Attached Storage
Select the type of a shared folder you want to use as a backup repository.

 **NFS share**
Adds an NFS share. This is the recommended configuration for leveraging storage capacity provided by NAS devices.

 **SMB share**
Adds an SMB (CIFS) share. For reliability reasons, this configuration is recommended for continuously available (CA) network shares only.

Cancel

Donnez un nom au repository et cliquez sur « Next ».

New Backup Repository

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

Name: SRV-V-FS1-GA

Description: Created by SRV-V-VEEAM-GA\Administrateur at 08/03/2023 14:07.

< Previous Next > Finish Cancel

Indiquez le chemin d'accès du fichier de destination et cochez « This share requires access credentials » pour spécifier un utilisateur et un mot de passe.

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.

Shared folder: \\srv-v-fs1-ga\Sauvegarde Browse...

Use \\server\folder format

☒ This share requires access credentials:
GEEK-ADVISOR\Administrateur (GEEK-ADVISOR\Administrateur, last edited: less than 1 minute ago) Add... Manage accounts

Gateway server: Automatic selection Choose...

< Previous Next > Finish Cancel

Cliquez sur « Next », sélectionnez les options nécessaires, puis validez avec « Apply » pour sauvegarder le répertoire de backup.

New Backup Repository X

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 SRV-V-VEEAM-GA:

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

Accédez à l'onglet « Home », cliquez sur « Backup Job », puis sur « Windows computer ».

Sélectionnez « Windows computer », cochez « Server » et « Managed by Backup server », puis cliquez sur « Next »


Home **View**

Backup Job Replication Job CDP Policy Backup Copy

Secondary Jobs

- Virtual machine...
- Windows computer...**
- Linux computer...
- Mac computer...
- Unix computer...
- File share...

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

Donnez un nom à la sauvegarde et cliquez sur « Next ».

New Agent Backup Job


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

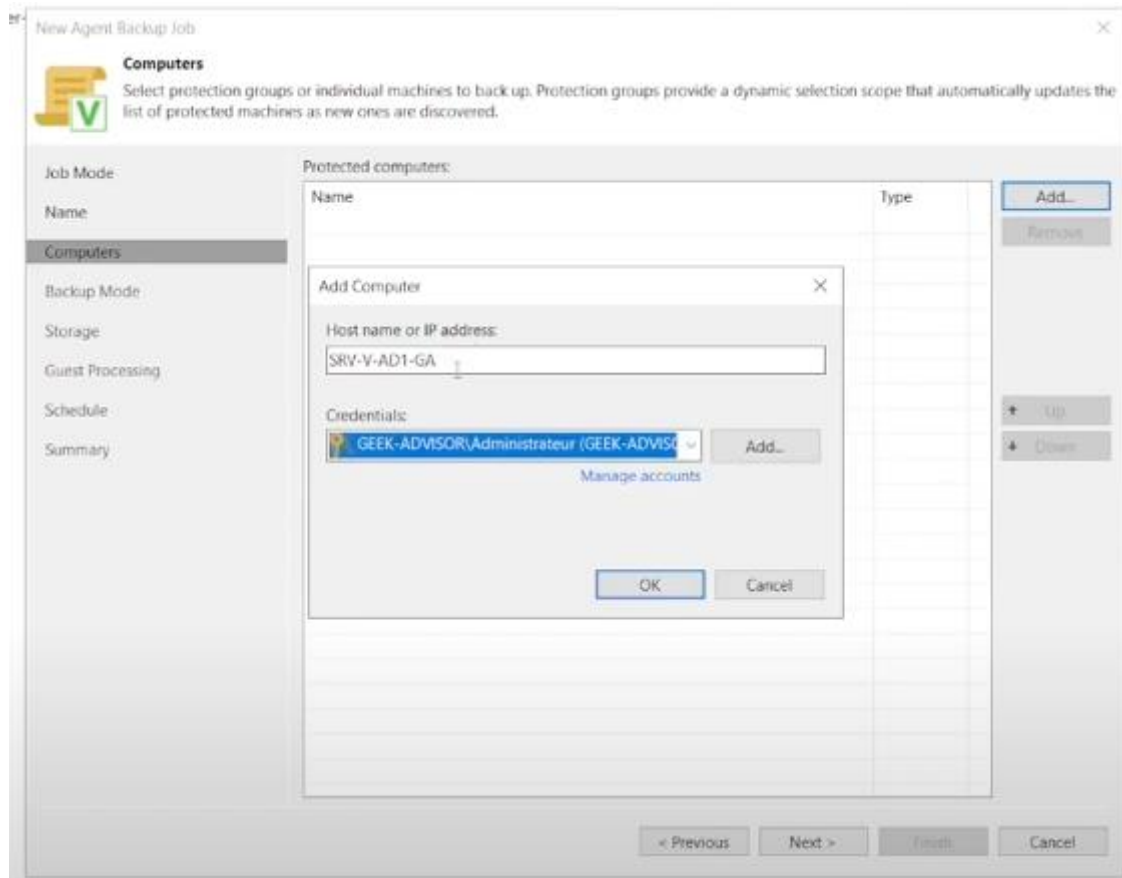
Job Mode
Name
Computers
Backup Mode
Storage
Guest Processing
Schedule
Summary

Name:
Sauvegarde_AD1
Description:
Created by SRV-V-VEEAM-GA\Administrateur at 08/03/2023 18:07.

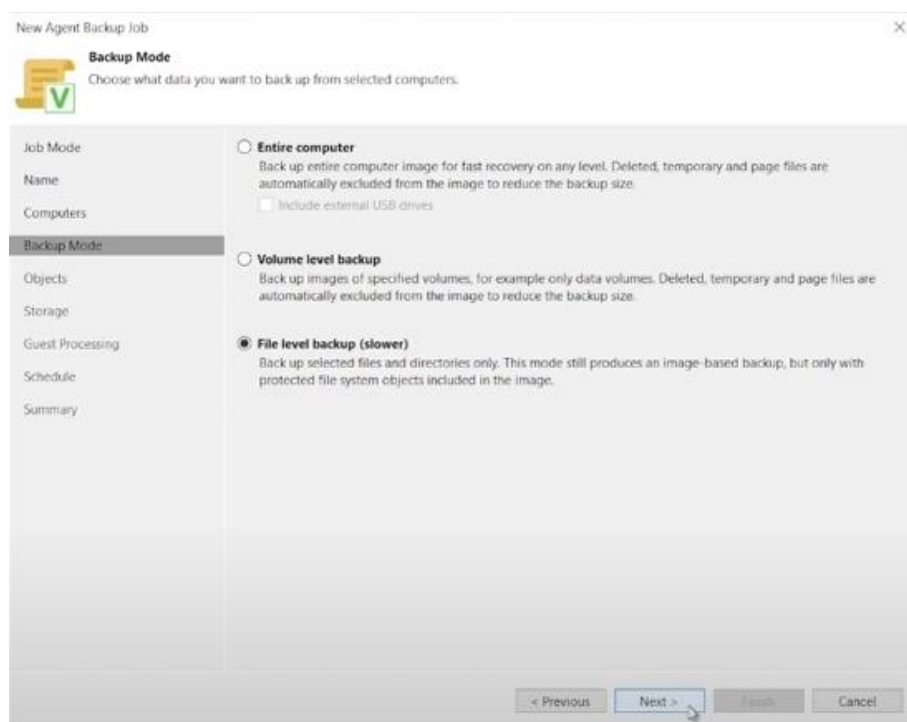
☐ High priority
Backup infrastructure resources are offered to high priority jobs first. Use this option for jobs sensitive to the start time, or jobs with strict RPO requirements.

< Previous
Next >
Finish
Cancel

Ajoutez un serveur individuel à protéger et renseignez les informations d'authentification (utilisateur et mot de passe).



Pour le test, sauvegardez un seul fichier en renseignant son chemin d'accès.



New Agent Backup Job

Objects
Specify objects you would like to include in the backup.

Job Mode
Name
Computers
Backup Mode
Objects
Storage
Guest Processing
Schedule
Summary

Objects to backup:
☐ Operating system
☐ Personal files
 Include: Desktop, Documents, Pictures, Video, Music, Favorites, Downloads, Other files and folders [Choose...](#)
☒ The following file system objects:

Object

Add Object

Volume name or path to a directory:

 Example: C:\Users

OK Cancel

[Add...](#)
[Edit...](#)
[Remove](#)

To specify file exclusion settings, click [Advanced](#)

[Advanced](#)

< Previous Next > Finish Cancel

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
Name
Computers
Backup Mode
Objects
Storage
Guest Processing
Schedule
Summary

Backup repository:
 Default Backup Repository (Created by Veeam Backup)
 74,8 GB free of 99,4 GB [Map backup](#)

Retention policy: 7 days

☐ Keep certain full backups longer for archival purposes [Configure...](#)
 GFS retention policy is not configured

☐ 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

Cochez la deuxième case en plus de la première, définissez la planification de la sauvegarde, cliquez sur « Apply », puis terminez avec « Finish ».

The screenshot shows the 'New Agent Backup Job' window with the 'Guest Processing' tab selected. The left sidebar lists 'Job Mode', 'Name', 'Computers', 'Backup Mode', 'Objects', 'Storage', 'Guest Processing' (highlighted), 'Schedule', and 'Summary'. The main area has a title bar 'Guest Processing' and a subtitle 'Choose application processing options.' Below this, there are two checked options: 'Enable application-aware processing' and 'Enable guest file system indexing'. Each option has a brief description and a 'Customize' button ('Applications...' and 'Indexing...' respectively). At the bottom, there are four buttons: '< Previous', 'Next >' (highlighted with a blue border), 'Finish', and 'Cancel'.

The screenshot shows the 'New Agent Backup Job' window with the 'Schedule' tab selected. The left sidebar lists 'Job Mode', 'Name', 'Computers', 'Backup Mode', 'Objects', 'Storage', 'Guest Processing', 'Schedule' (highlighted), and 'Summary'. The main area has a title bar 'Schedule' and a subtitle 'Specify the scheduling options. If you do not set the schedule, the job will need to be controlled manually.' Below this, there are several sections: 'Run the job automatically' with radio buttons for 'Daily at this time', 'Monthly at this time', 'Periodically every', and 'After this job'; 'Automatic retry' with a checked 'Retry failed items processing' option and a 'Wait before each retry attempt for' field; and 'Backup window' with an unchecked 'Terminate job outside of the backup window' option. At the bottom, there are four buttons: '< Previous', 'Apply' (highlighted with a blue border), 'Finish', and 'Cancel'.

Veeam Backup & Replication est un outil indispensable pour garantir la sécurité des données et la continuité des activités, qu'elles soient hébergées dans des environnements physiques ou virtuels. Avec ses fonctionnalités avancées, il offre une solution robuste et efficace contre les pertes de données, permettant une reprise rapide en cas de sinistre. pertes de données et de garantir une reprise rapide en cas de sinistre.