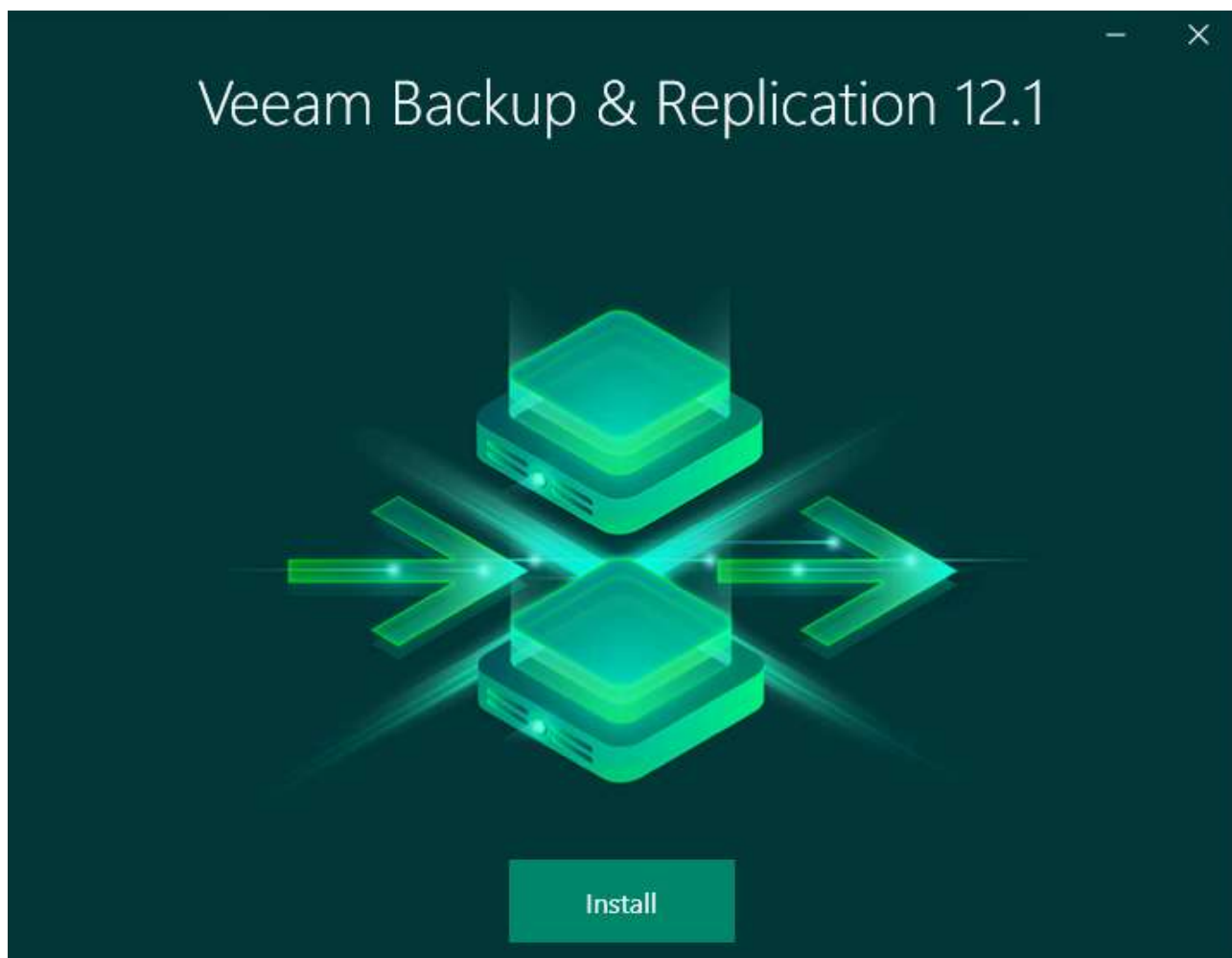


Veeam installatie

Download Veeam Backup & replication community edition van de officiële website.

<https://www.veeam.com/virtual-machine-backup-solution-free.html?ad=menu-products-vdp>

Dubbelklik op de gedownloade ISO file. Deze wordt vervolgens gemount als CD/DVD. Run setup.exe op de server waarop je het wilt installeren.



Klik install.



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.

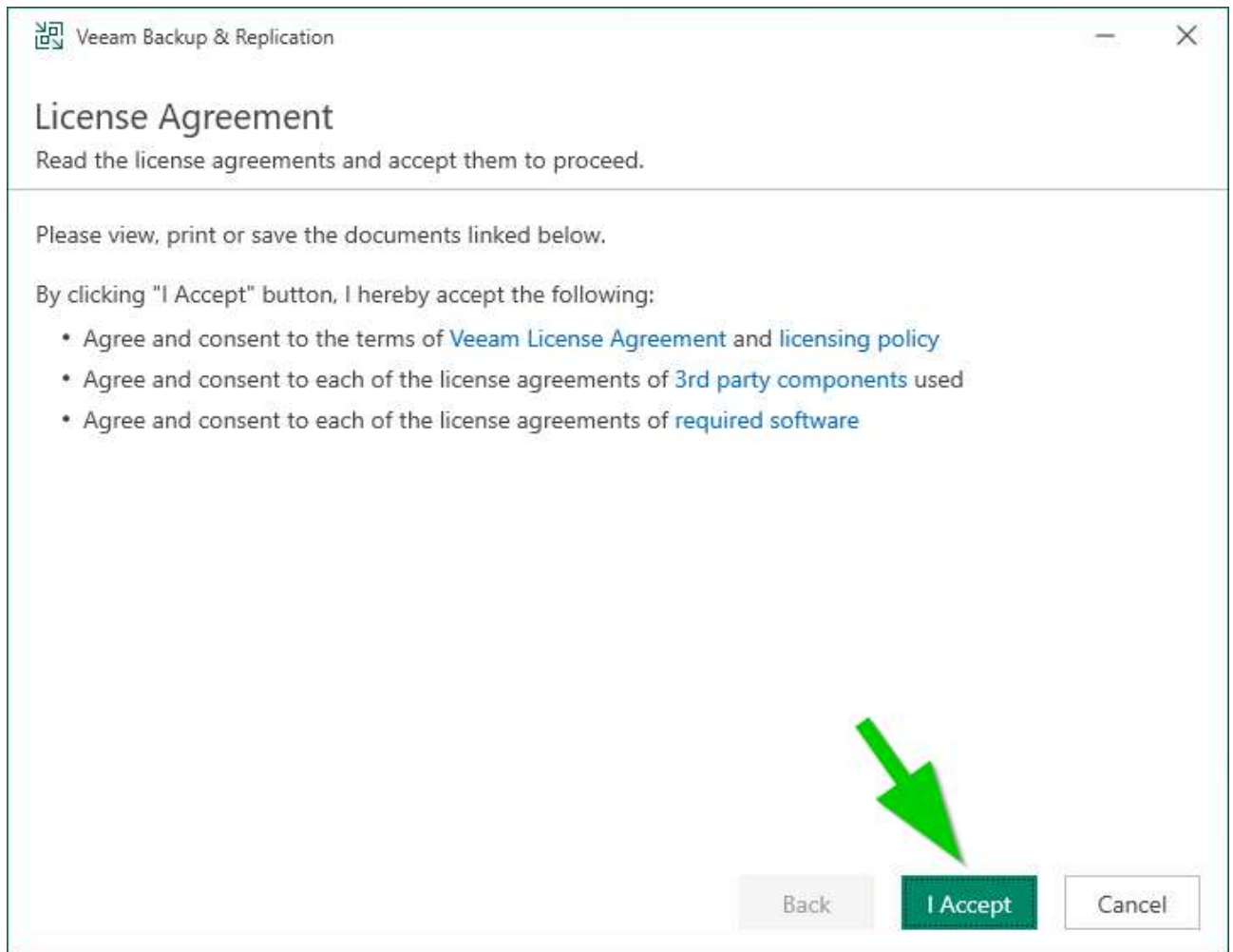


Install Veeam Backup & Replication Console

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

[View Documentation](#)

Kies voor Veeam Backup & Replication.



Klik I Accept.



Veeam Backup & Replication

— X

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)

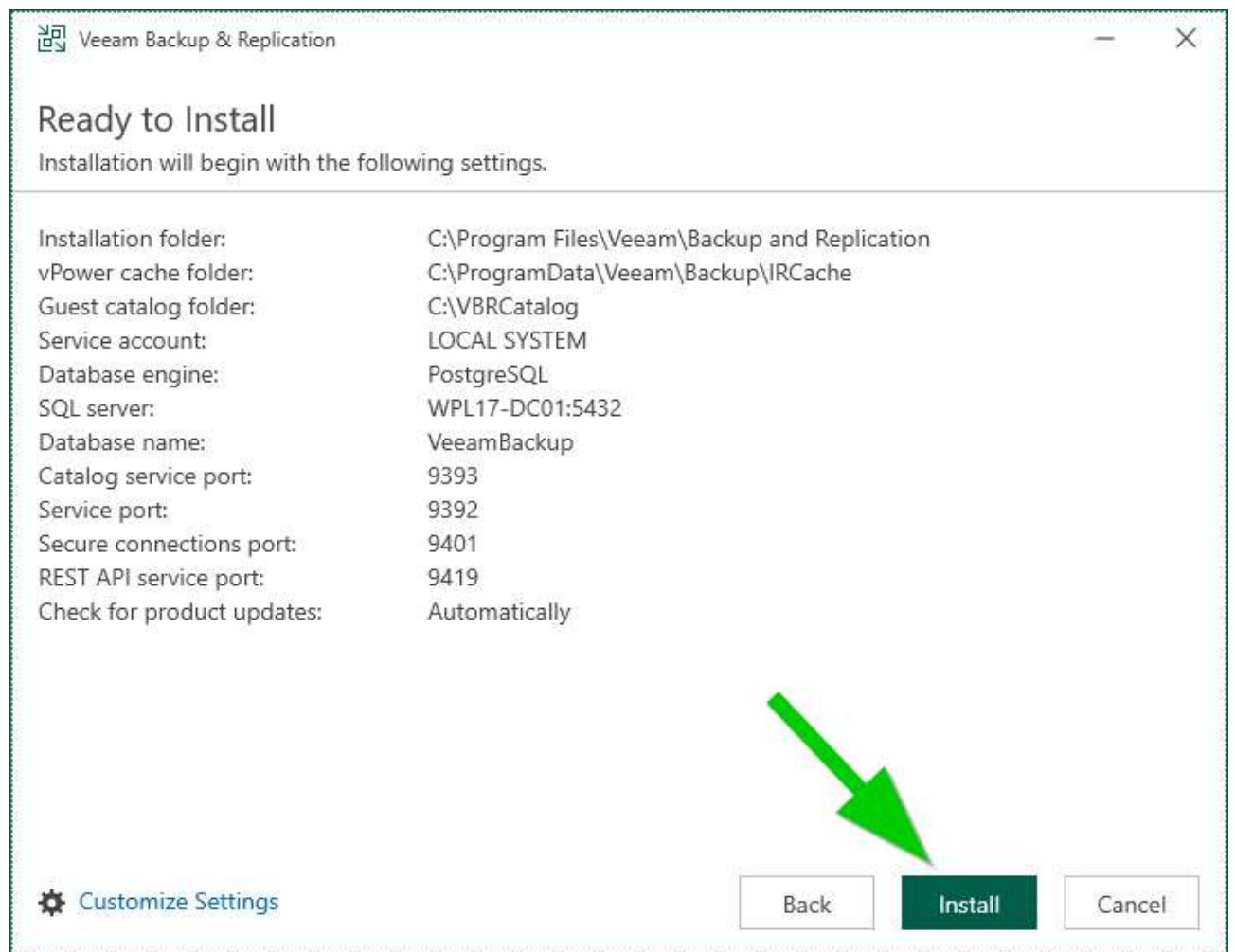
Download and install new license automatically when you renew or expand your contract. This requires sending the license ID, the installation ID, and workload usage counters to Veeam servers periodically. Successful usage reporting doubles the number of workloads you can exceed your installed license by.

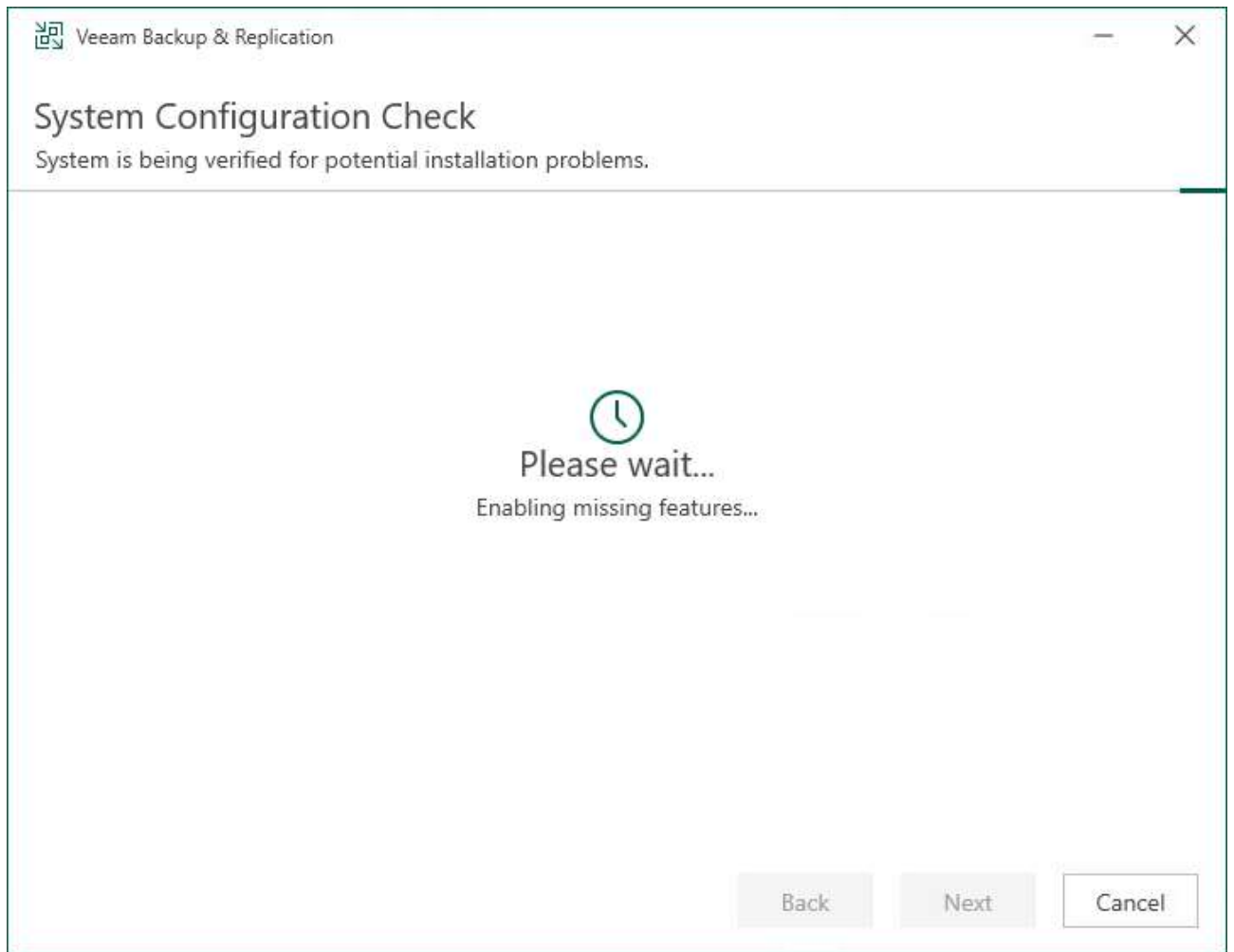
 Veeam EULA prohibits using Community Edition to provide any services to third parties. In particular, you may not install, configure or manage such backup servers at your client's environment as a consultant or an MSP.

Back

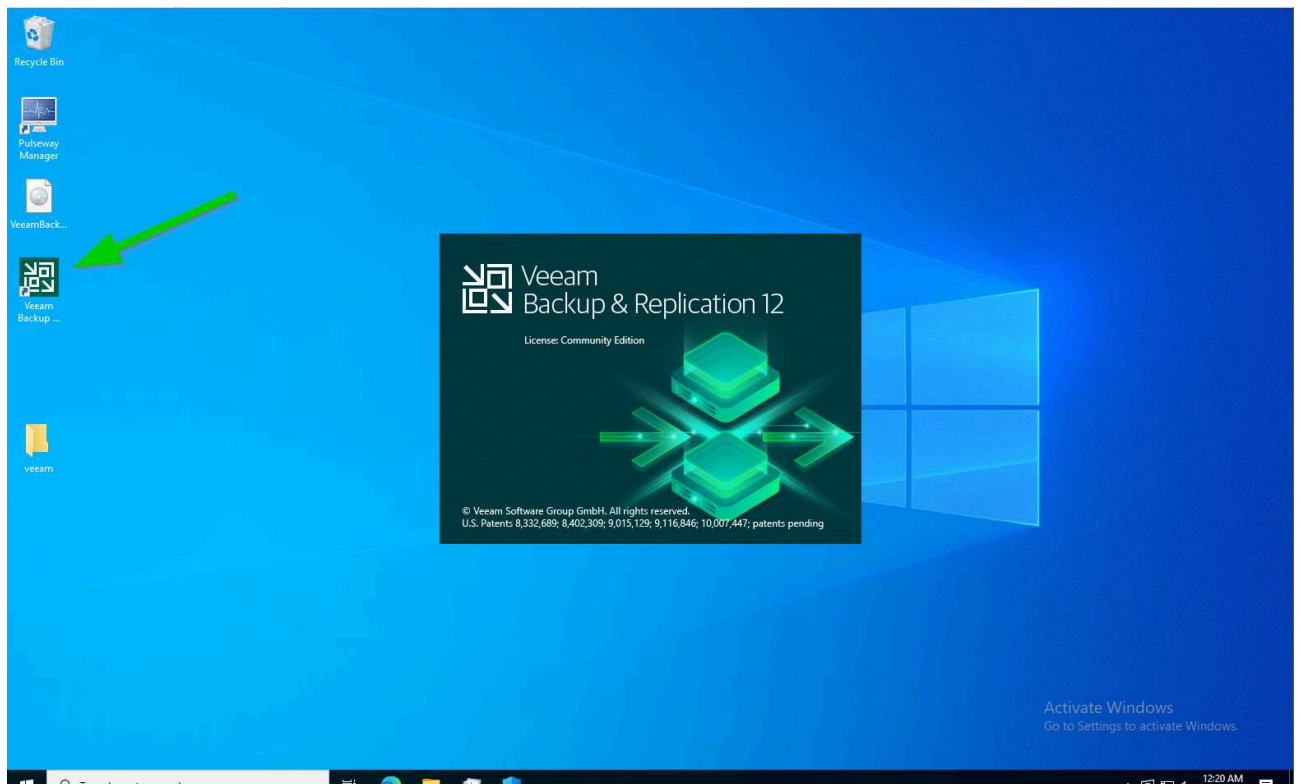
Next

Cancel

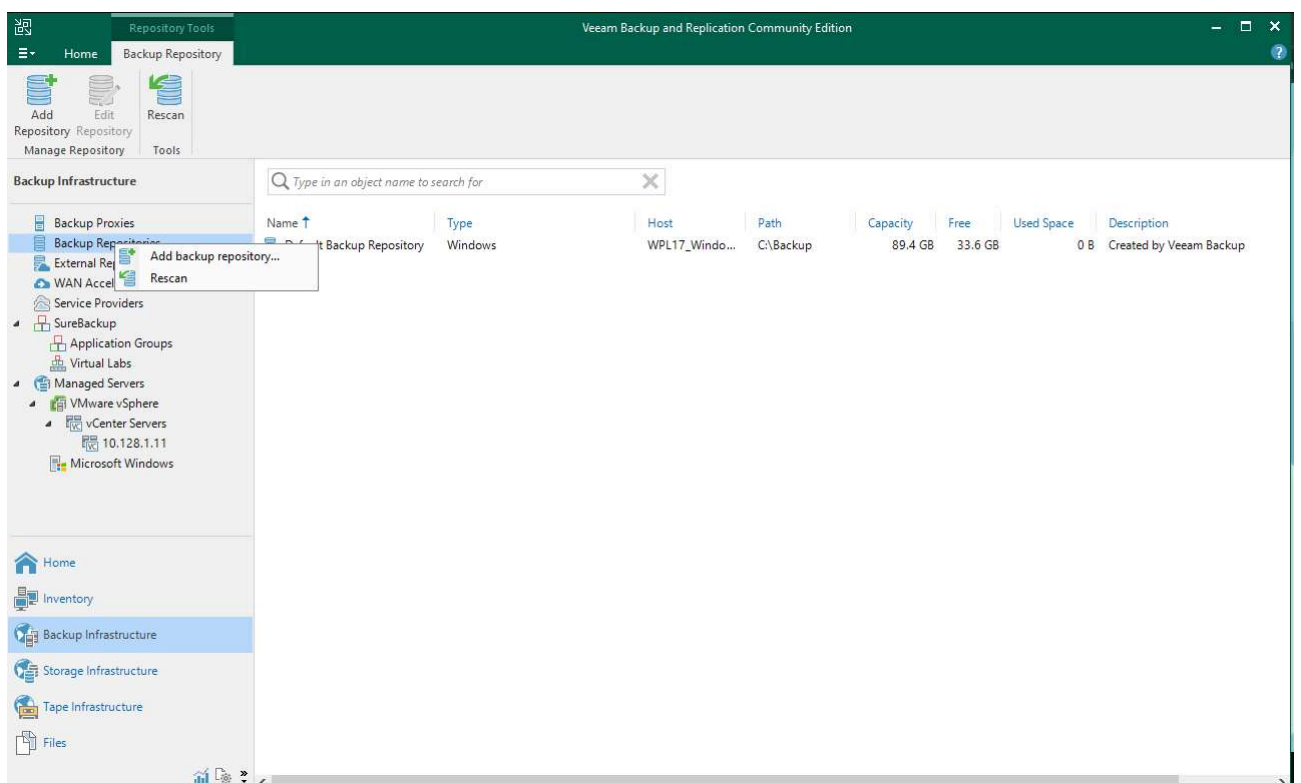




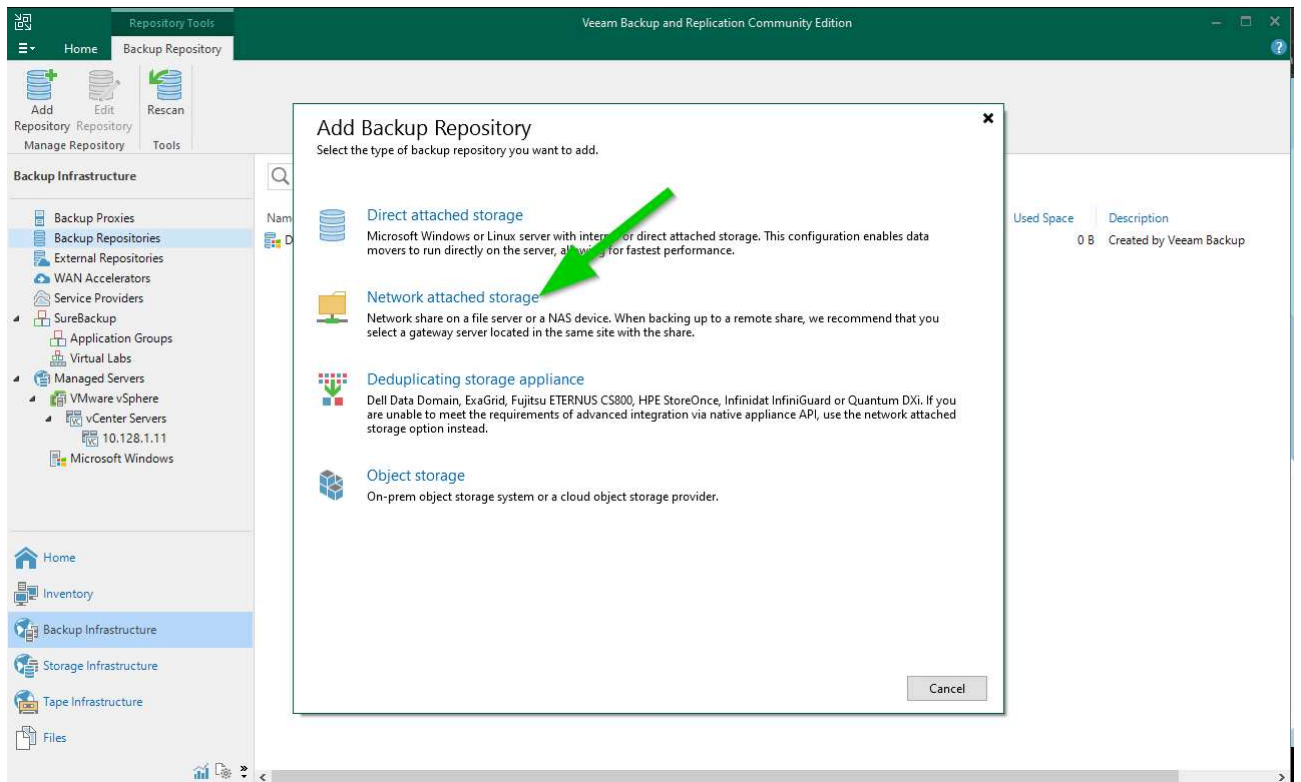
De installer zal nu een check uitvoeren om te kijken of alle dependencies zijn geïnstalleerd.



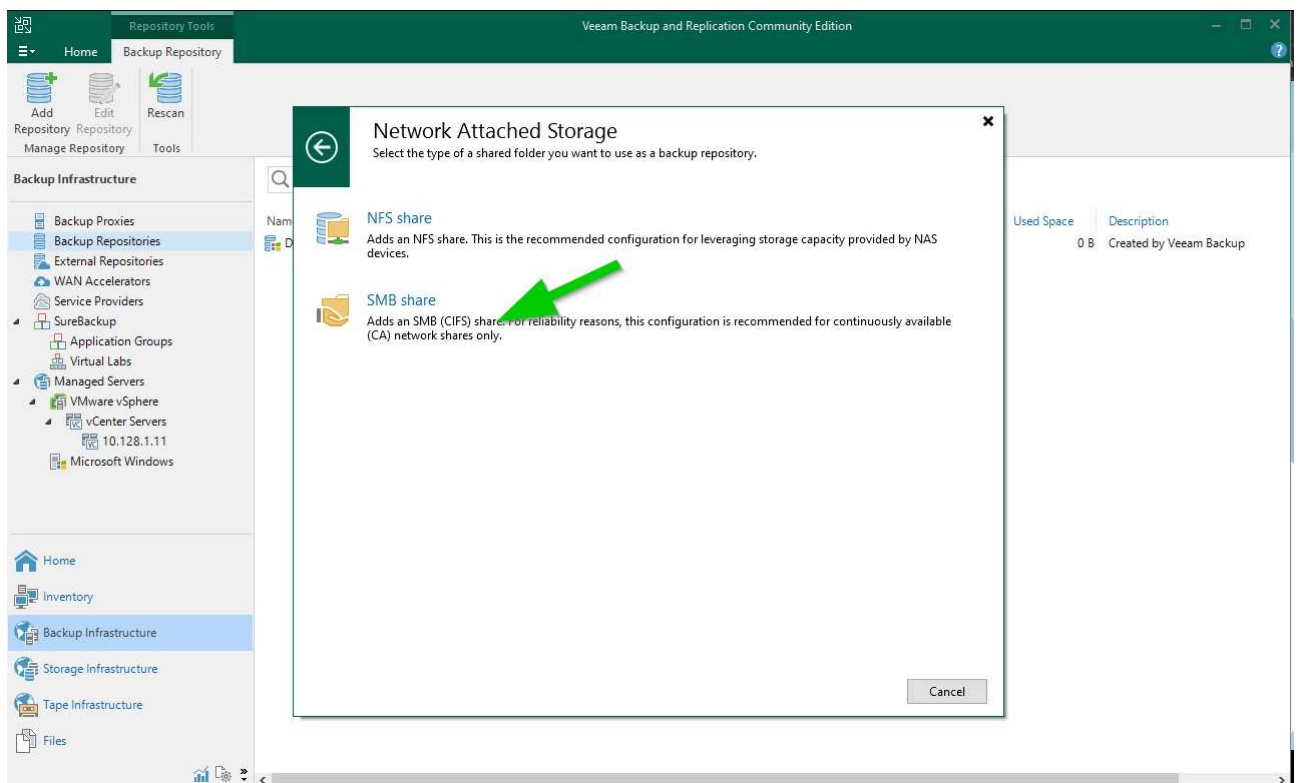
Na de installatie kan je Veeam openen.




Voeg een Backup repository toe. Hier gaan de backups worden opgeslagen.



We kiezen voor een netwerk Share.



New Backup Repository



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

Name

Share

Repository

Mount Server

Review

Apply

Summary

Name:

WPL17_Backup share

Description:

Created by WPL17_WINDOWSWE\Administrator at 5/22/2024 12:51 AM.


< Previous

Next >

Finish

Cancel

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.

Name

Share

Repository

Mount Server

Review

Apply

Summary


Shared folder:

\\10.17.1.102\WPL17-Backup

Browse...

Use \\server\folder format

☒ This share requires access credentials:

 Administrator (Administrator, last edited: less than a day ago)

Add...

Manage accounts

Gateway server:

Automatic selection

Choose...

< Previous

Next >

Finish

Cancel

Als locatie kiezen we de share op domain controller 2.

New Backup Repository

Repository

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

Name

Share

Repository

Mount Server

Review

Apply

Summary

Location

Path to folder:

Capacity: 297 GB
Free space: 287.4 GB

Populate

Load control

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:

☐ Limit read and write data rate to: MB/s

Click Advanced to customize repository settings.

Advanced...

< Previous

Next >

Finish

Cancel

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:

WPL17_WindowsWebserver.netwiseacademy.local (Backup server)

Add New...

Share

Instant recovery write cache folder:

C:\ProgramData\Veeam\Backup\IRCache\

Browse...

Repository

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.

Mount Server

☒ 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

New Backup Repository

Review

Please review the settings, and click Apply to continue.

Name

The following components will be processed on server WPL17_WindowsWebserver.netwiseacademy.local:

Share

Component name	Status
Transport	already exists
vPower NFS	already exists
Mount Server	already exists

Repository

Mount Server

Review

☐ Search the repository for existing backups and import them automatically

☐ Import guest file system index data to the catalog

Apply

Summary

< Previous

Apply

Finish

Cancel

2023-2024

SNE-WPL2

Teamnr 17

Pagina 395

New Backup Repository

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

Name

Share

Repository

Mount Server

Review

Apply

Summary

Message	Duration
Starting infrastructure item update process	0:00:06
[WPL17_WindowsWebserver] Discovering installed packages	
Registering client WPL17_WindowsWebserver for package Transport	
Registering client WPL17_WindowsWebserver for package vPower NFS	
Registering client WPL17_WindowsWebserver 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	0:00:02
Backup repository has been saved successfully	

< Previous

Next >

Finish

Cancel

New Backup Repository

Summary
You can copy the configuration information below for future reference.

Name

Share

Repository

Mount Server

Review

Apply

Summary

Summary:

SMB backup repository 'WPL17_Backup share' was successfully saved.

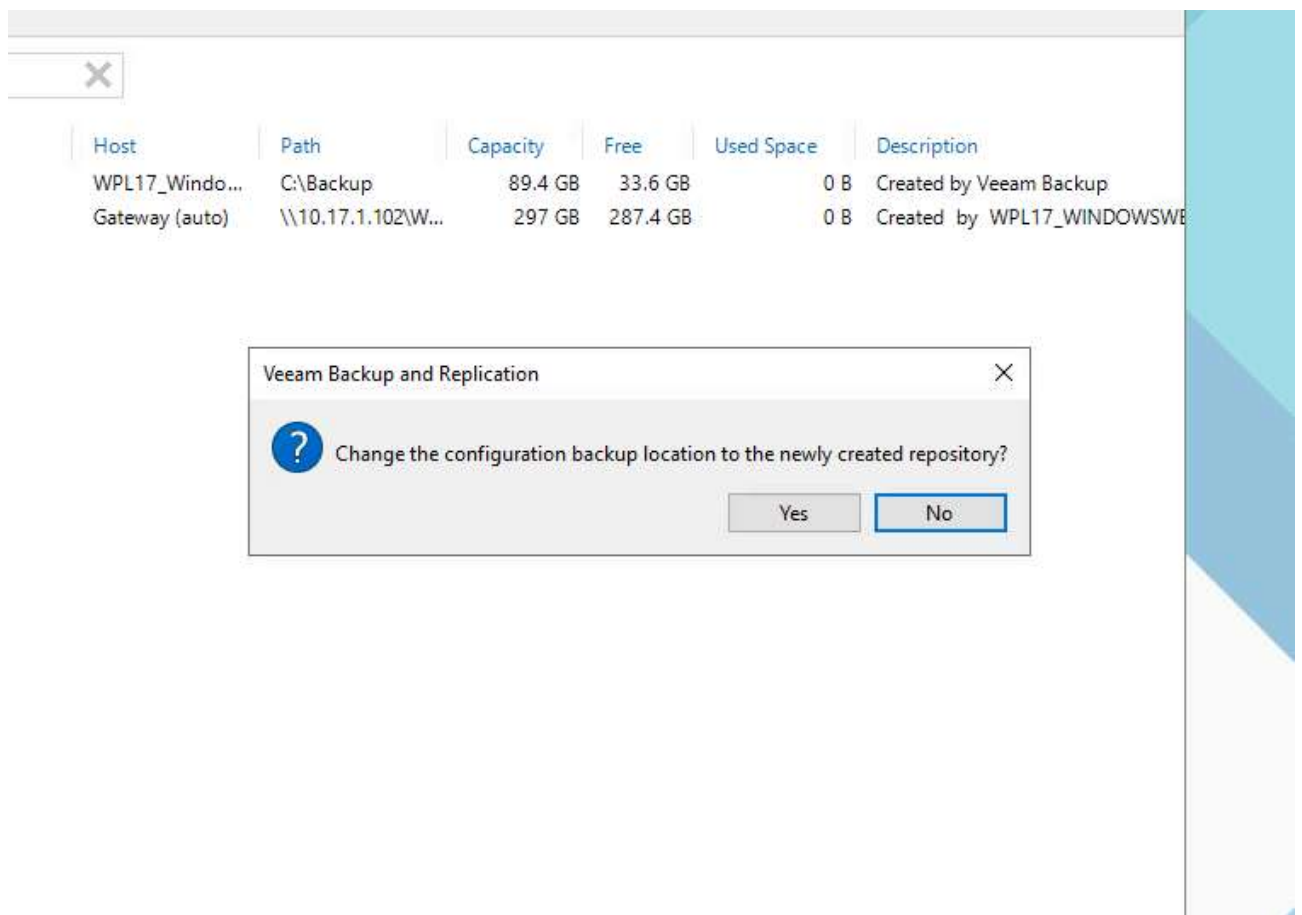
Mount host: WPL17_WindowsWebserver.netwiseacademy.local
Account: Administrator
Backup folder: \\10.17.1.102\WPL17-Backup
Write throughput: unlimited
Max parallel tasks: 4

< Previous

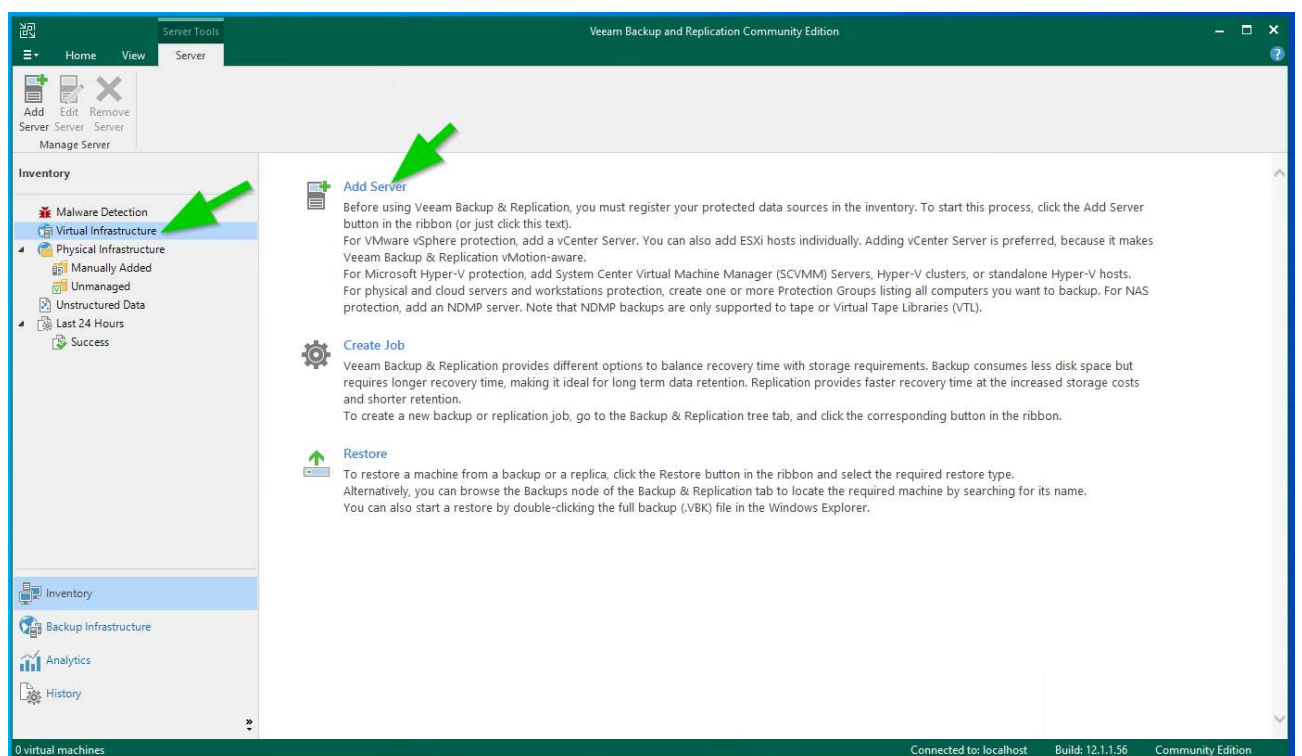
Next >

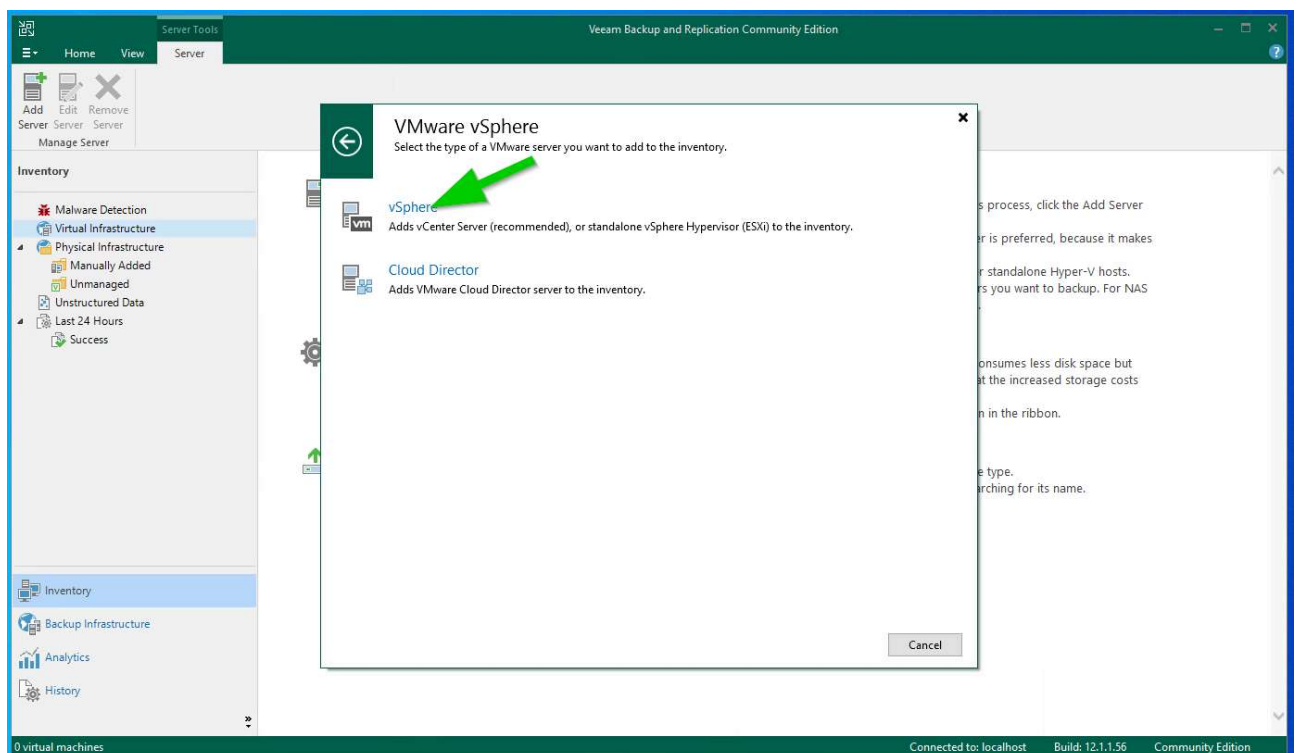
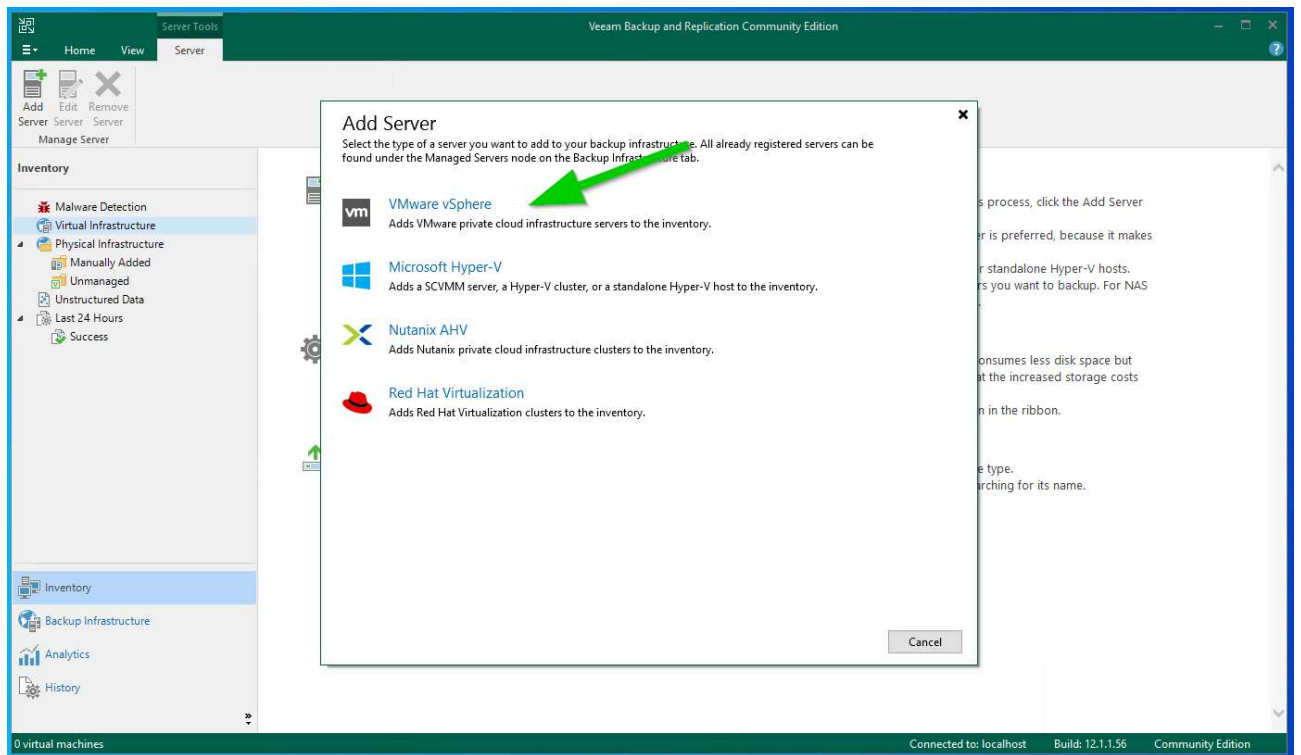
Finish

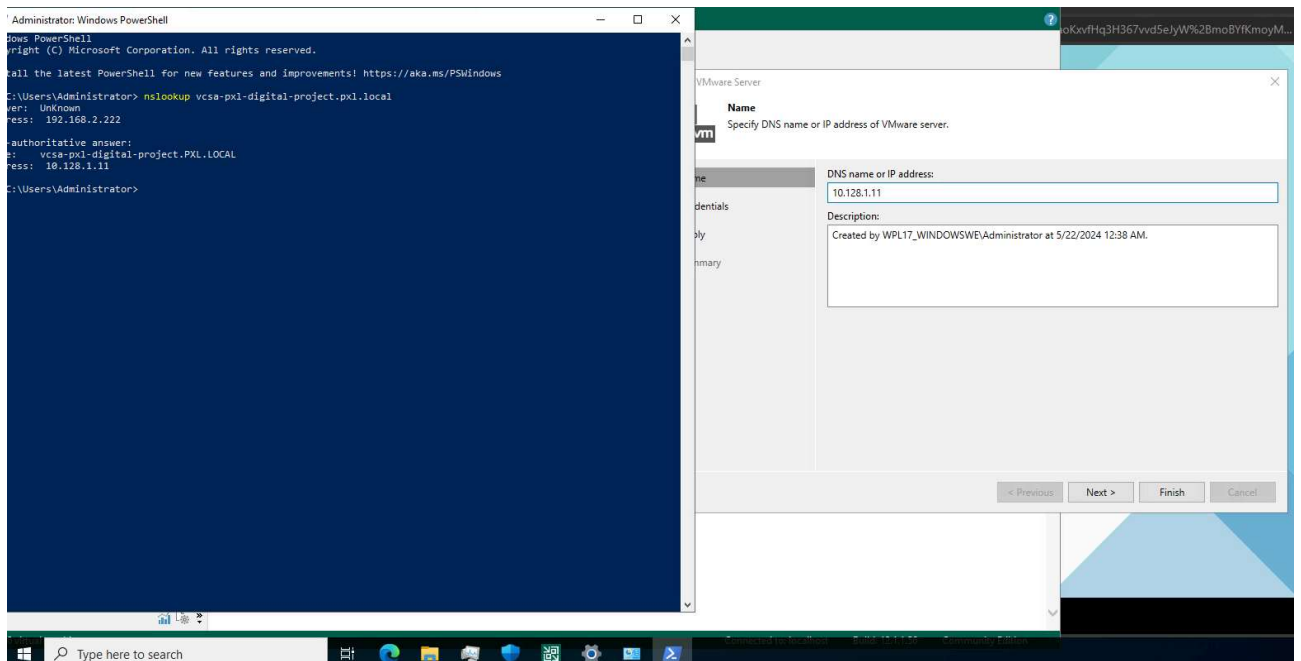
Cancel



Voeg de vsphere server toe.

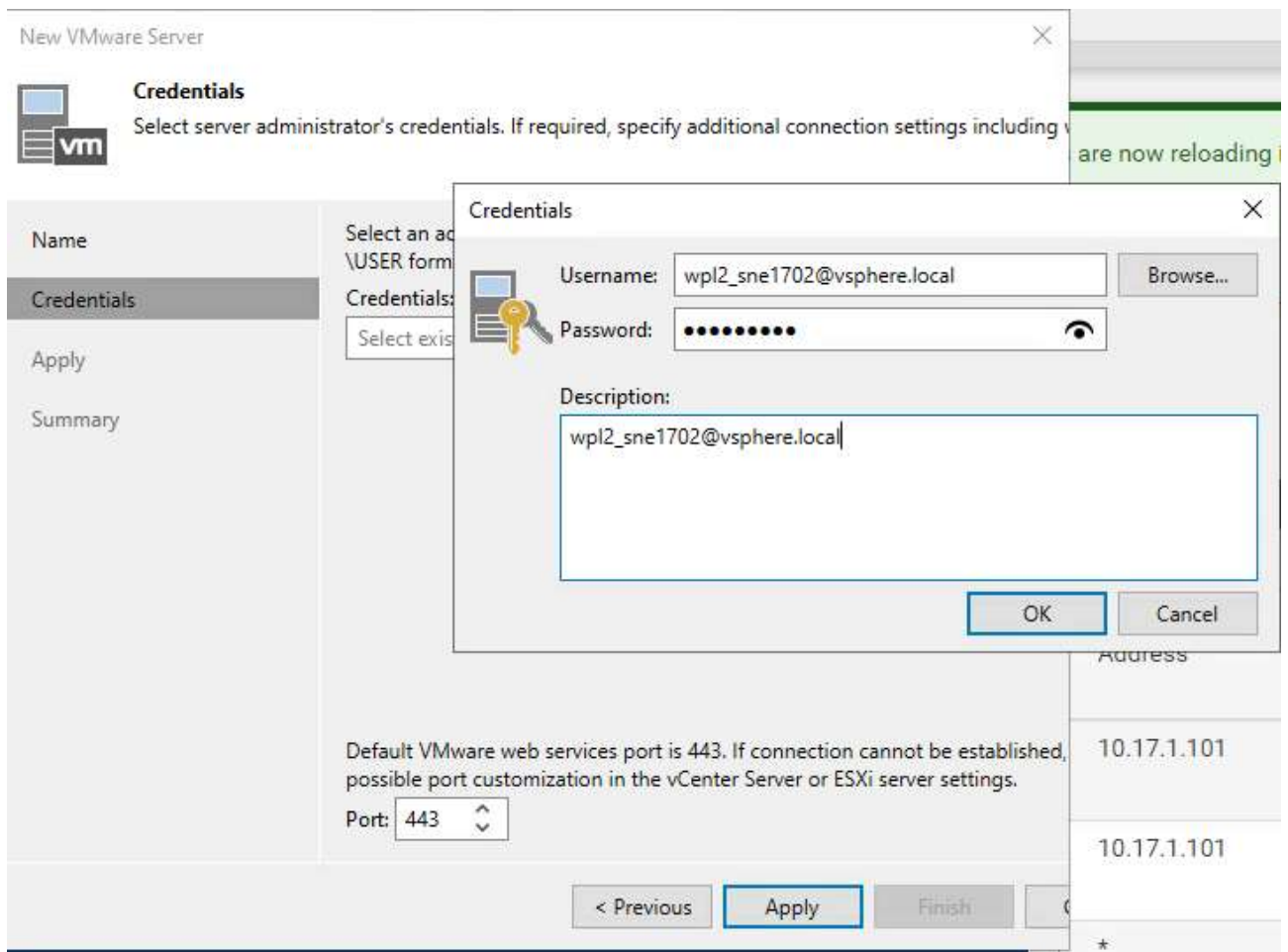




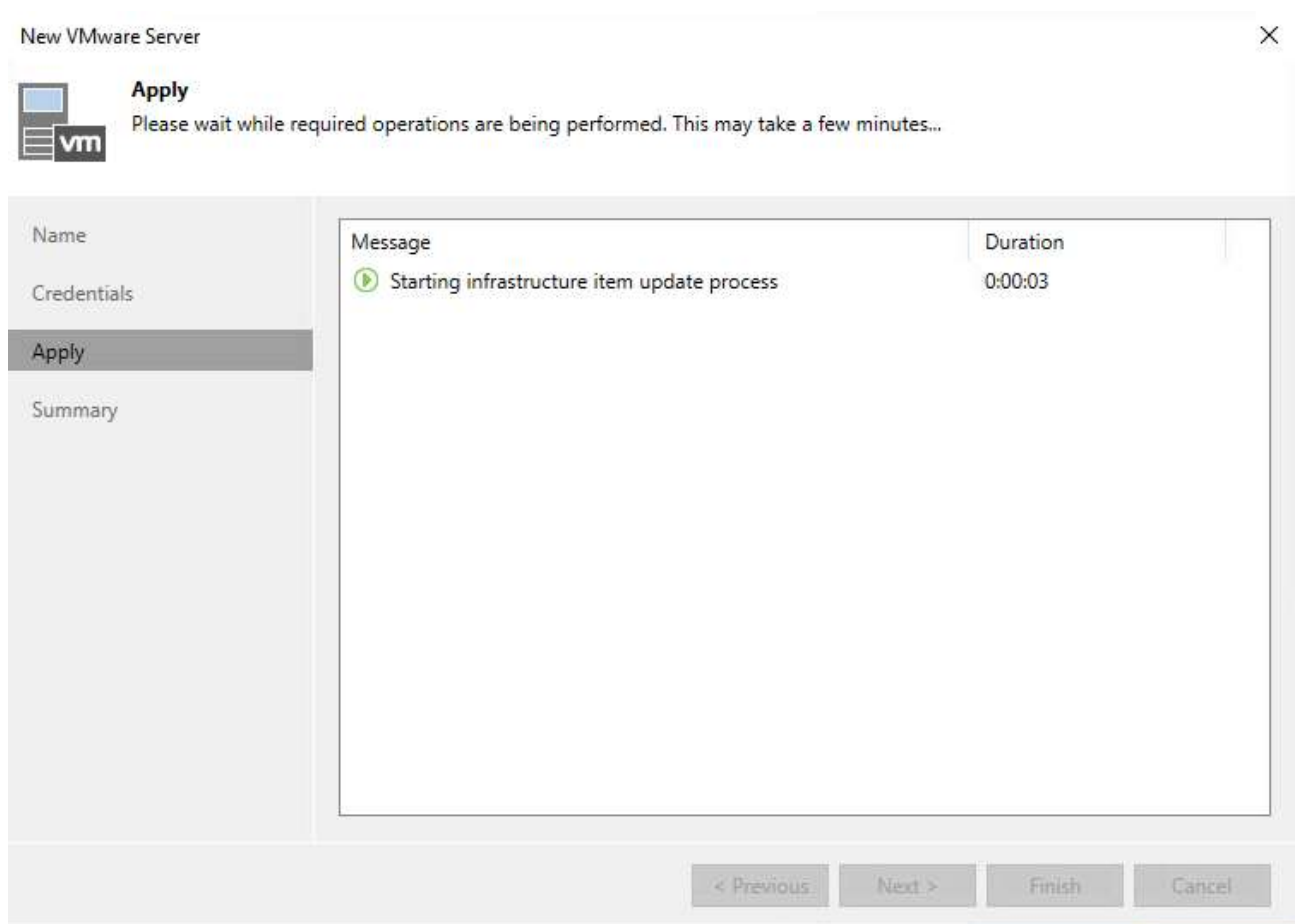
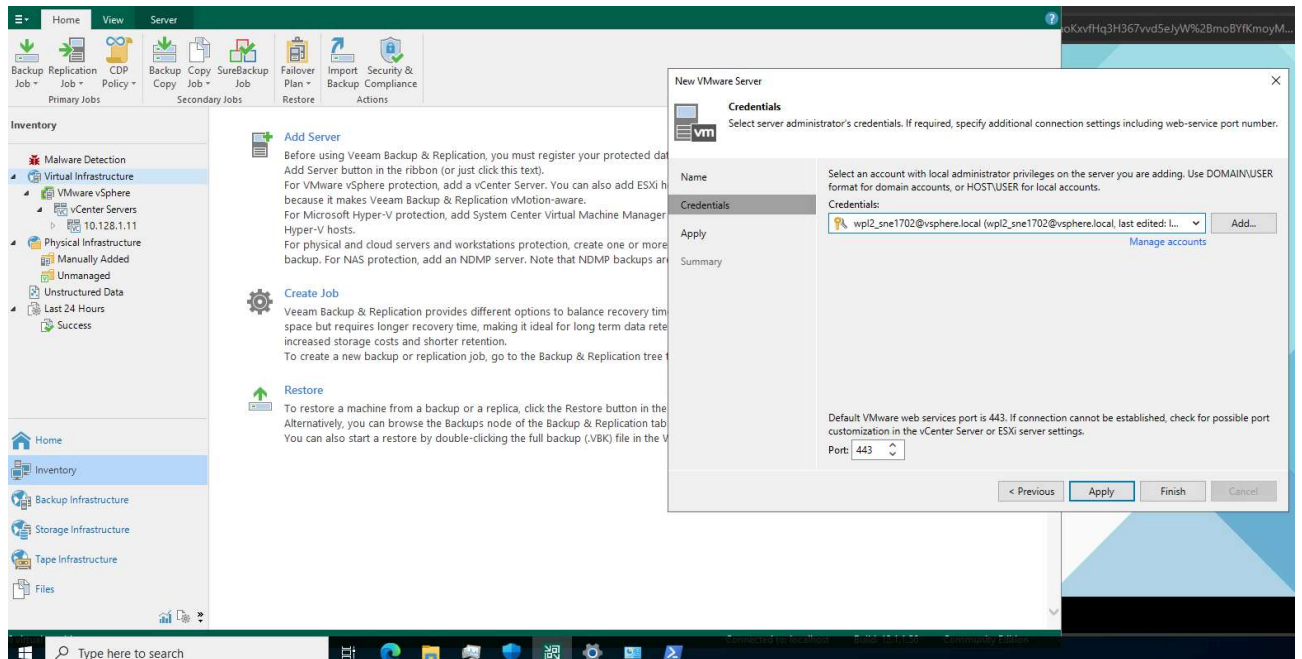


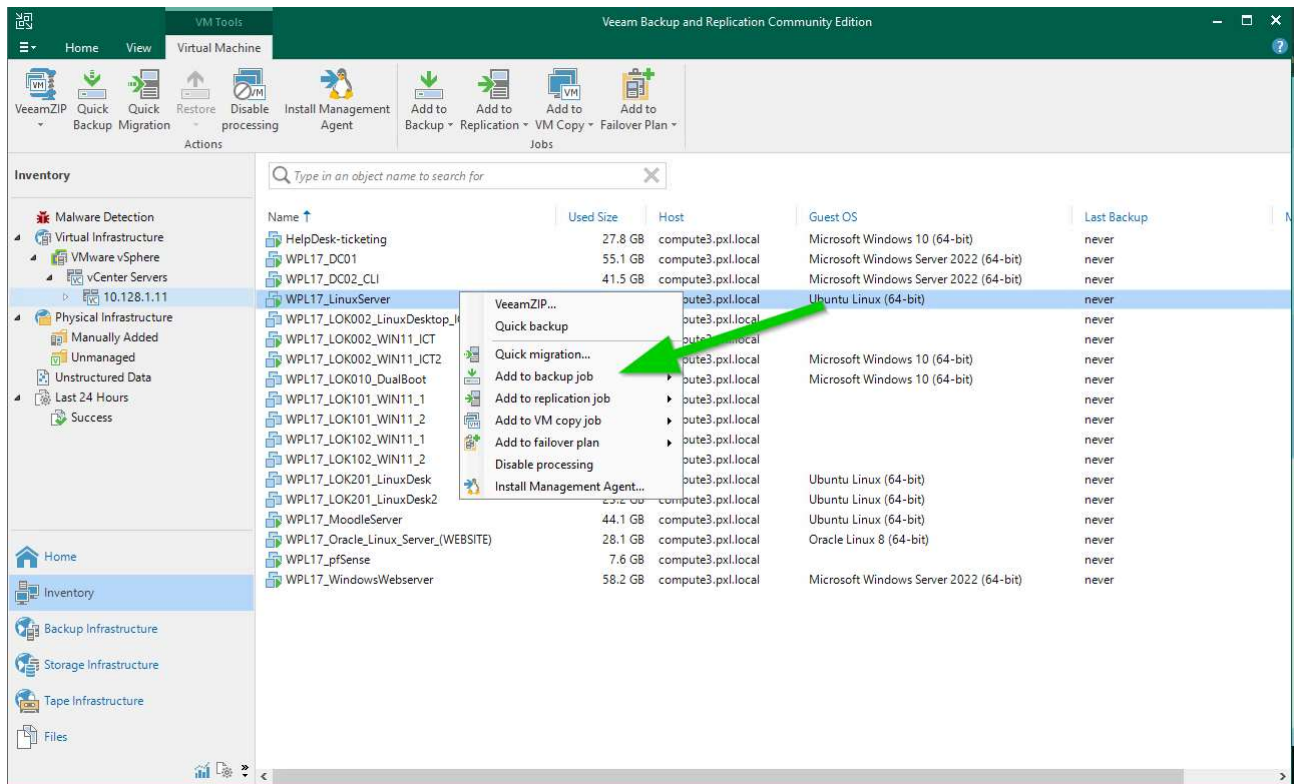
De IP van de server kunnen we bepalen door nslookup te doen. Verander eerst de dns van deze machine voorlopig naar 192.168.2.222. nslookup vcsa-pxl-digital-project.pxl.local

Dit ip kan je dan invullen in veeam

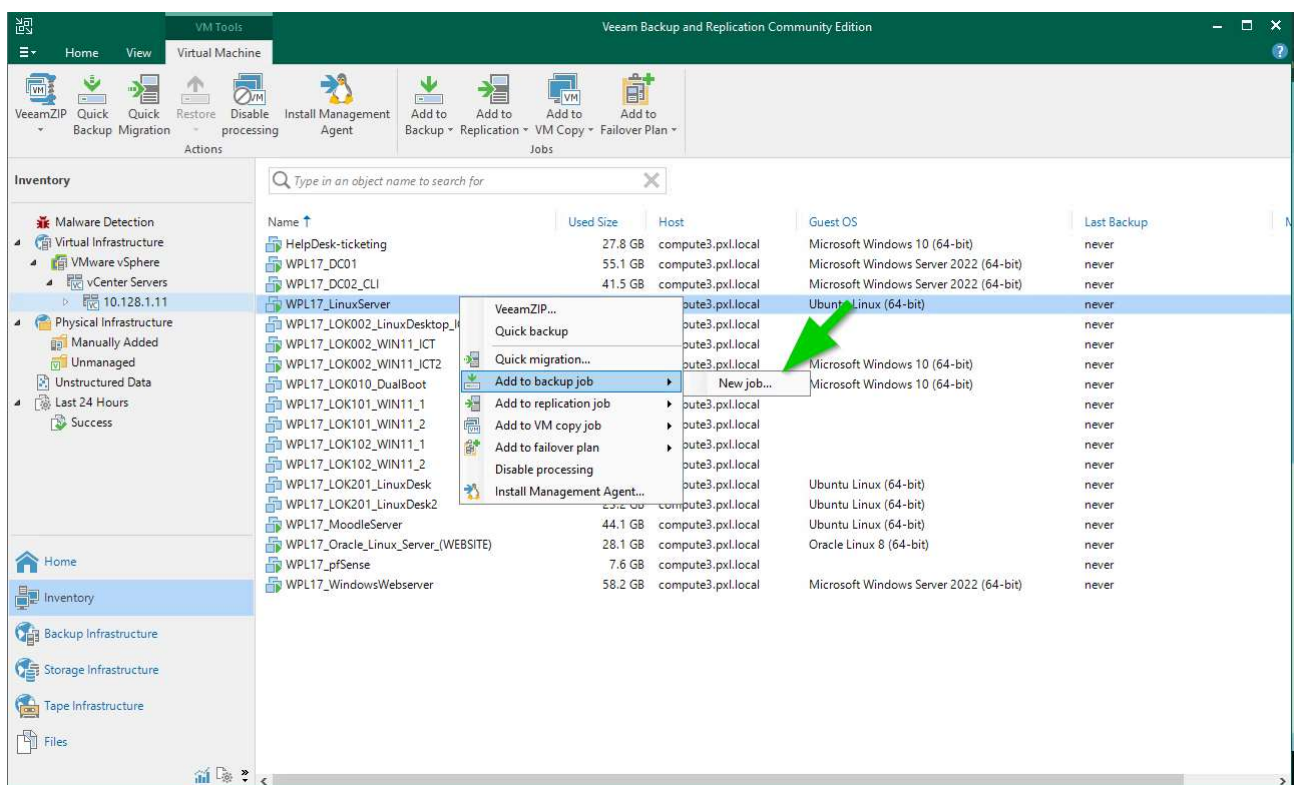


Log in met je vsphere credentials.






Voeg een backup job toe. Om te testen hebben we een backup van linux server gemaakt.



New Backup Job



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

Name

Virtual Machines

Storage

Guest Processing

Schedule

Summary

Name:

WPL17_LinuxServer Backup

Description:

Created by WPL17_WINDOWSWE\Administrator at 5/22/2024 12:47 AM.

☐ 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

New Backup Job



Virtual Machines
Select virtual machines to process via container, or granularly. Container provides dynamic selection that automatically changes as you add new VMs into the container.

Name

Virtual Machines


Storage

Guest Processing

Schedule

Summary

Virtual machines to backup:

Name	Type	Size
 WPL17_LinuxServer	Virtual machine	8.75 GB

Add...

Remove

Exclusions...

Up

Down

Recalculate

Total size:
8.75 GB

< Previous

Next >

Finish

Cancel

New Backup Job

vm

Storage

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.

Name

Virtual Machines

Storage

Guest Processing

Schedule

Summary

Backup proxy:

Automatic selection

Choose...

Backup repository:

WPL17_Backup share (Created by WPL17_WINDOWSWE\Administrator at 5/22/2024 12:51 AM.)

287 GB free of 296 GB

Map backup

Retention policy: 7 days

☐ Keep certain full backups longer for archival purposes

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.

Configure...

Advanced...

< Previous

Next >

Finish

Cancel

Kies de backup repository die we hebben aangemaakt.


2023-2024

SNE-WPL2

Teamnr 17

Pagina 403

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 and malware detection**
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

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

New Backup Job



Summary

You have successfully created the new backup job.

Name

Virtual Machines

Storage

Guest Processing

Schedule

Summary

Summary:

Configuration has been successfully saved.
Name: WPL17_Linux Server Backup
Target Path: \\10.17.1.102\WPL17-Backup
Type: VMware Backup
Source items:
WPL17_LinuxServer (10.128.1.11)

PowerShell cmdlet for starting the job:
Get-VBRJob -Name "WPL17_Linux Server Backup" | Start-VBRJob

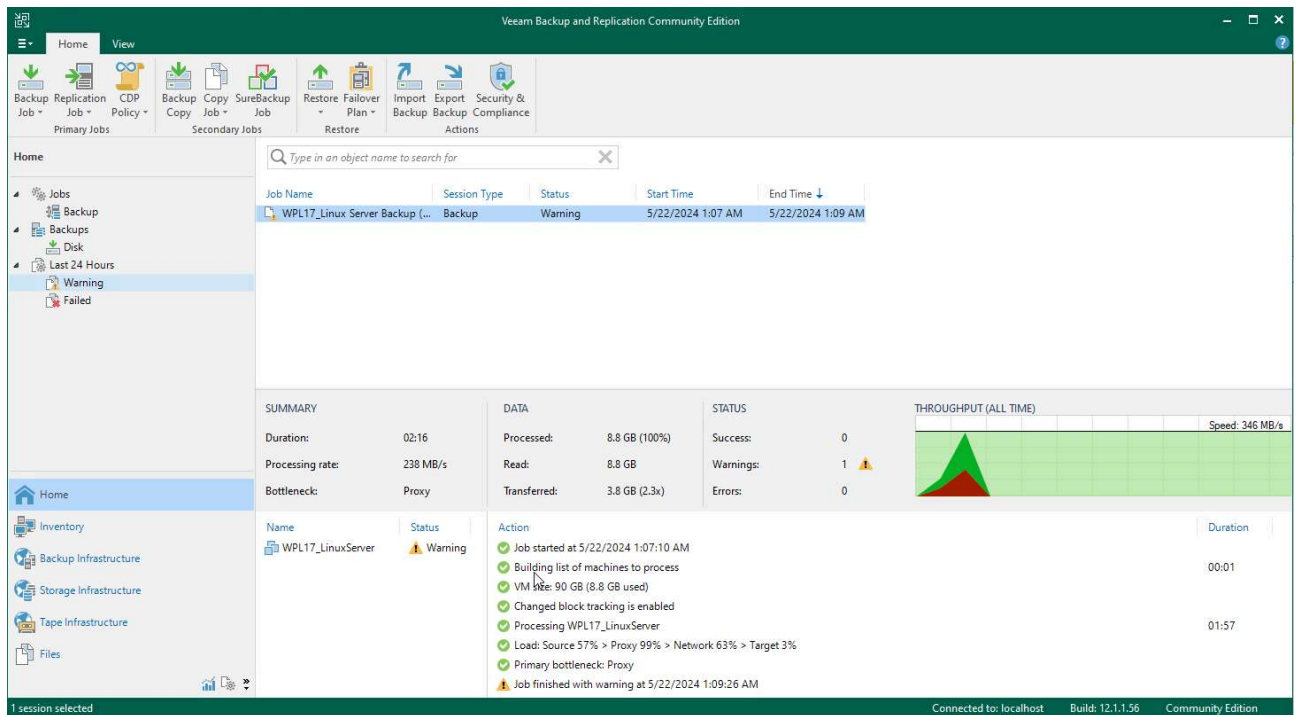
☐ Run the job when I click Finish

< Previous

Next >

Finish

Cancel



Je kan zien dat de backup job werkt. De waarschuwing is omdat onze opslag bijna vol is dus kan genegeerd worden.

