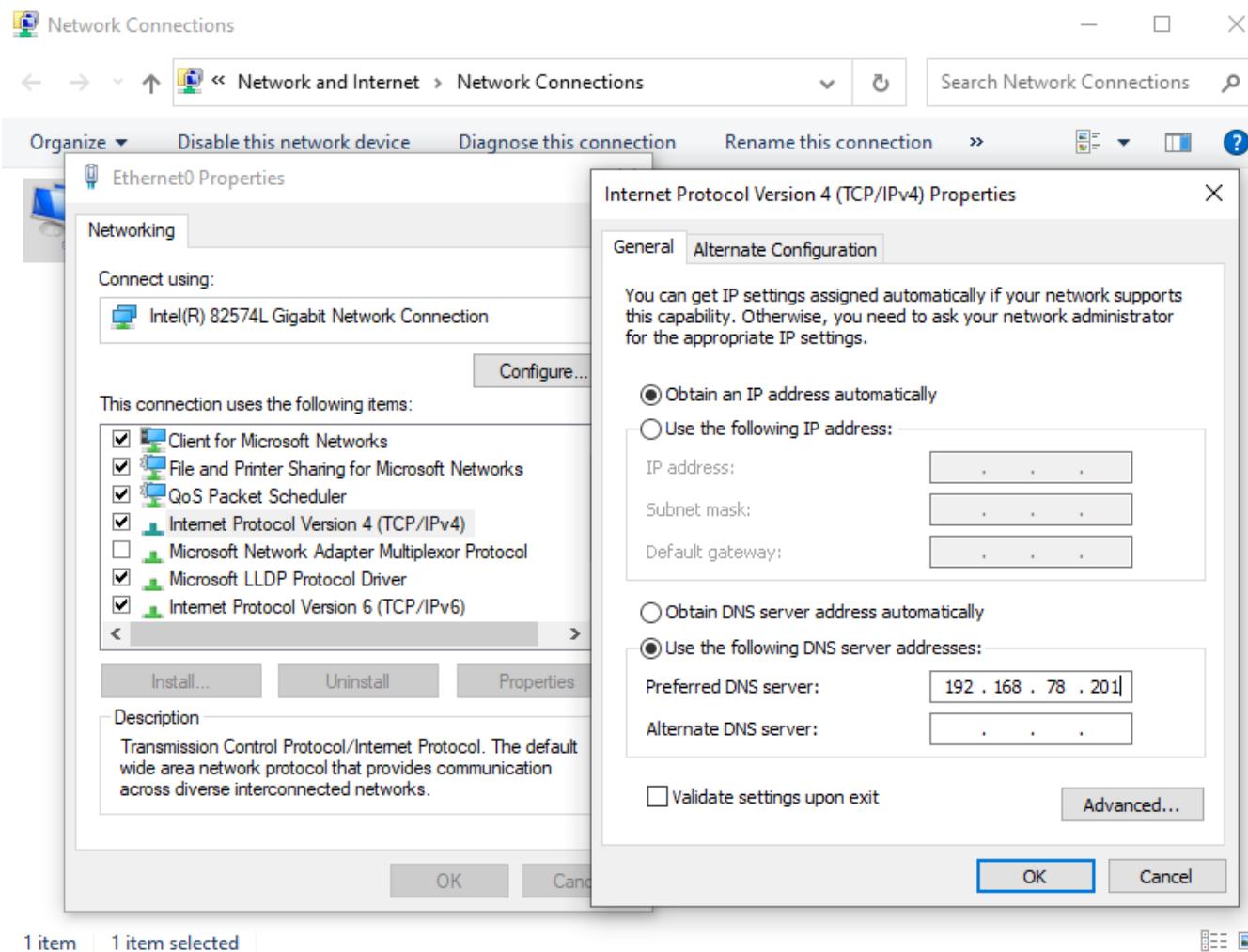


JANSSENS BART 27/03/2023

OPGAVE 1



System Properties

Computer Name

Hardware

Advanced

System Protection

Remote



Windows uses the following information to identify your computer on the network.

Computer description:

For example: "Kitchen Computer" or "Mary's Computer".

Full computer name: PFWS2BJ

Workgroup: WORKGROUP

To use a wizard to join a domain or workgroup, click Network ID.

Network ID...

To rename this computer or change its domain or workgroup, click Change.

Change...

OK

Cancel

Apply

Computer name and protected.

Computer Name/Domain Changes

You can change the name and the membership of this computer. Changes might affect access to network resources.

Computer name:

PFWS2BJ

Full computer name:

PFWS2BJ

More...

Member of

Domain:

Workgroup:

WORKGROUP

OK

Cancel

Command Prompt - powershell

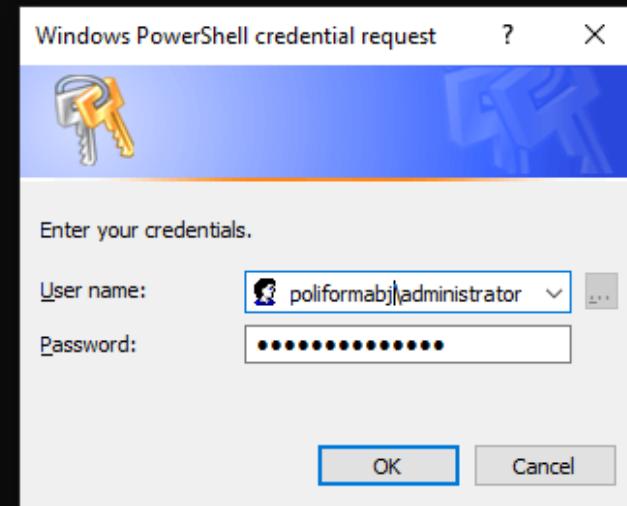
```
Microsoft Windows [Version 10.0.19043.928]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Bart>powershell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Bart> Add-Computer -DomainName Poliforma.local -Restart

cmdlet Add-Computer at command pipeline position 1
Supply values for the following parameters:
Credential
```



Administrator: Command Prompt

Windows IP Configuration

```
Host Name . . . . . : PFWS2BJ
Primary Dns Suffix . . . . . : PoliformaBJ.local
Node Type . . . . . : Hybrid
IP Routing Enabled. . . . . : No
WINS Proxy Enabled. . . . . : No
DNS Suffix Search List. . . . . : PoliformaBJ.local
```

Ethernet adapter Ethernet0:

```
Connection-specific DNS Suffix . : PoliformaBJ.local
Description . . . . . : Intel(R) 82574L Gigabit Network Connection
Physical Address. . . . . : 00-0C-29-FE-EA-9D
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . . : Yes
Link-local IPv6 Address . . . . . : fe80::58ff:654f:1acb:b5e2%8(Preferred)
IPv4 Address. . . . . : 192.168.78.33(Preferred)
Subnet Mask . . . . . : 255.255.255.0
Lease Obtained. . . . . : Monday, 27 March 2023 09:35:25
Lease Expires . . . . . : Tuesday, 28 March 2023 09:35:25
Default Gateway . . . . . : 192.168.78.201
DHCP Server . . . . . : 192.168.78.201
DHCPv6 IAID . . . . . : 134220841
DHCPv6 Client DUID. . . . . : 00-01-00-01-2B-B2-FB-E3-00-0C-29-FE-EA-9D
DNS Servers . . . . . : 192.168.78.201
NetBIOS over Tcpip. . . . . : Enabled
```

C:\Users\Administrator>

OPGAVE 2

Active Directory Users and Computers

File Action View Help

Back Forward Refresh Stop Find Filter

Active Directory Users and Computers [PFSV1BJ.PoliformaBJ.local]

Saved Queries

PoliformaBJ.local

- Builtin
- Computers
- DfsUsers
- Domain Controllers
- ForeignSecurityPrincipals
- Managed Service Accounts
- PFAfdelingen
- Users

Bert Bibber DL_Read DL_ReadW... G_Piet G_readWrite Piet Pienter

New Object - Organizational Unit

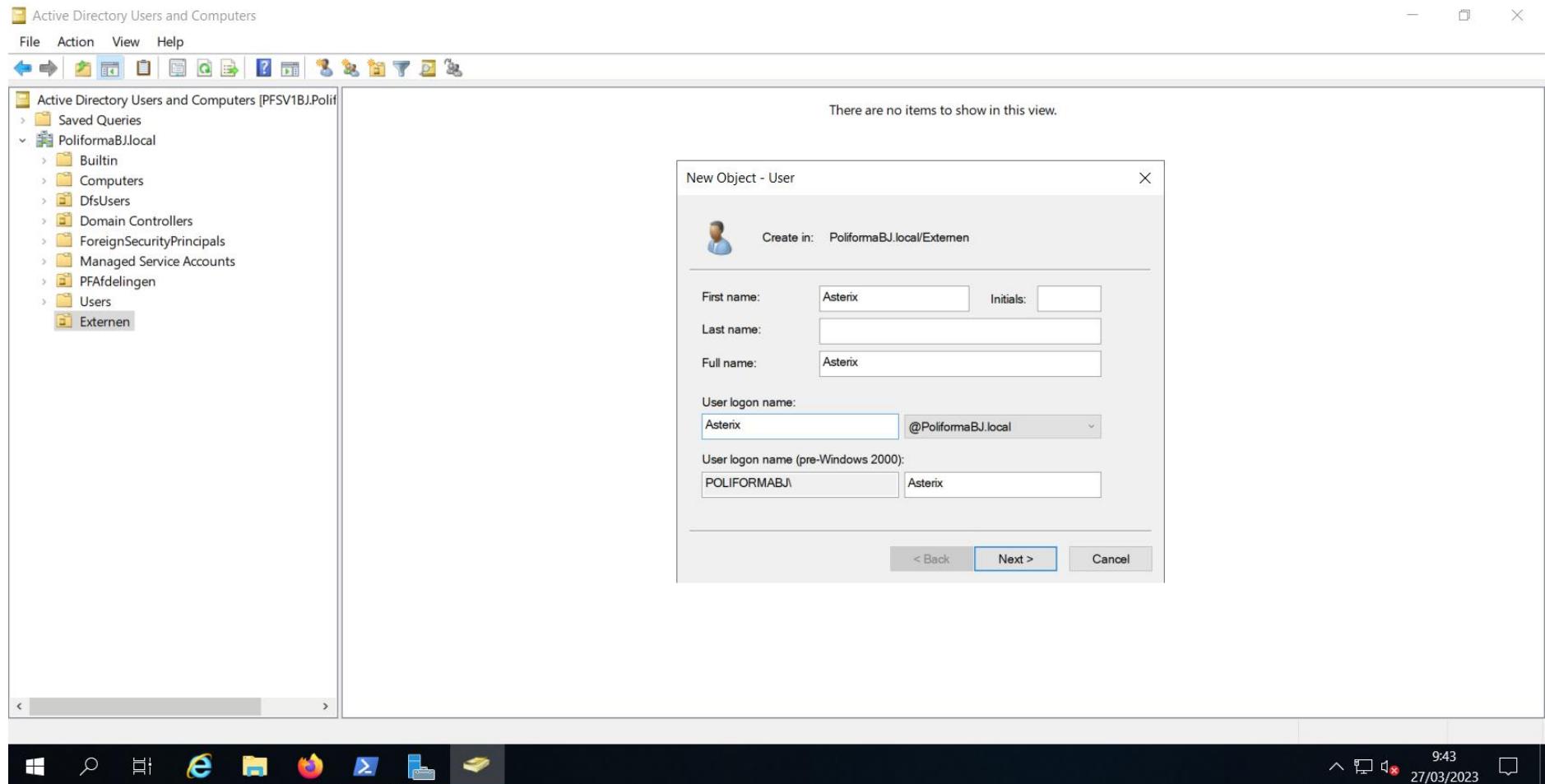
Create in: PoliformaBJ.local/

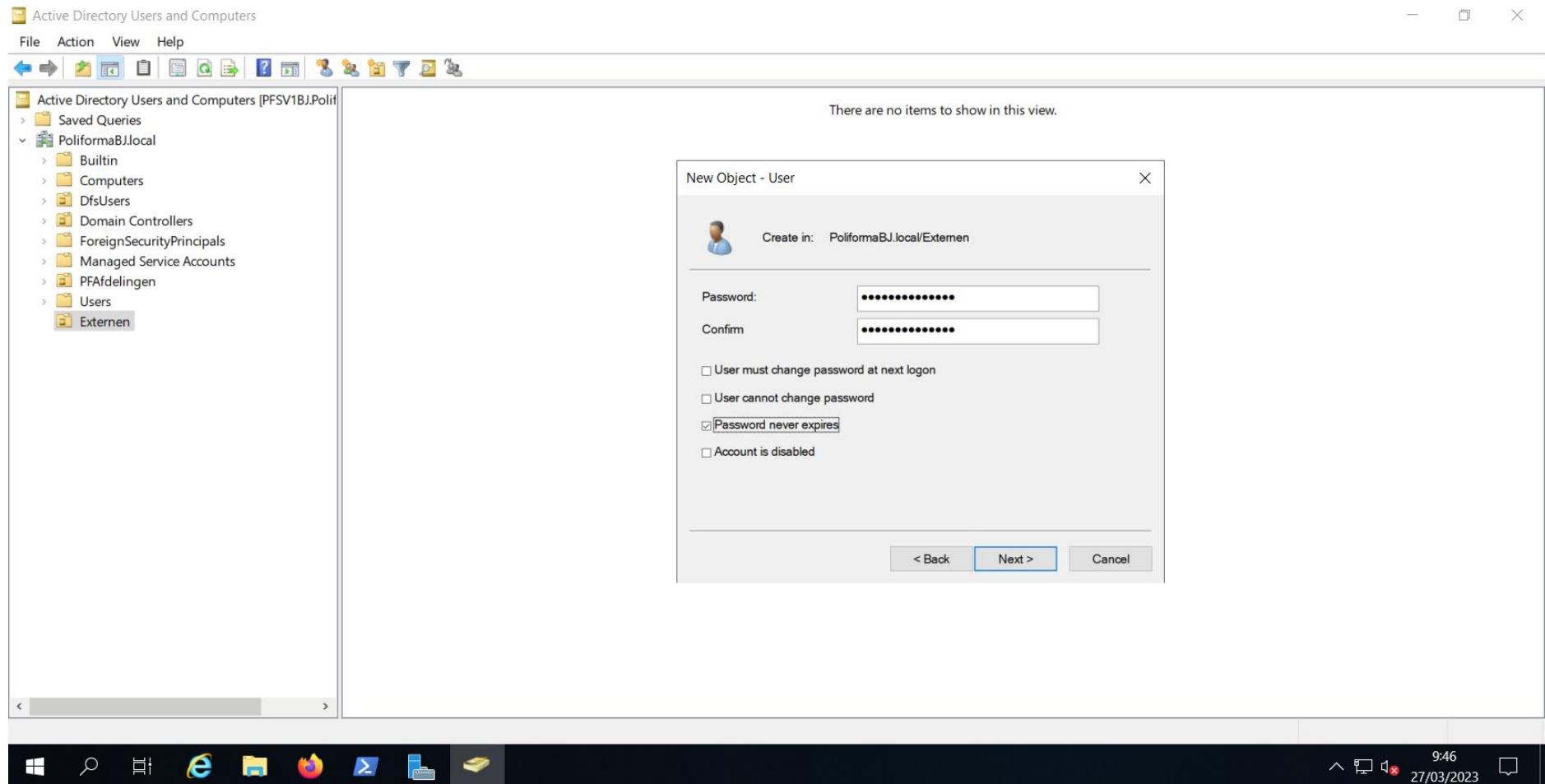
Name: Externel

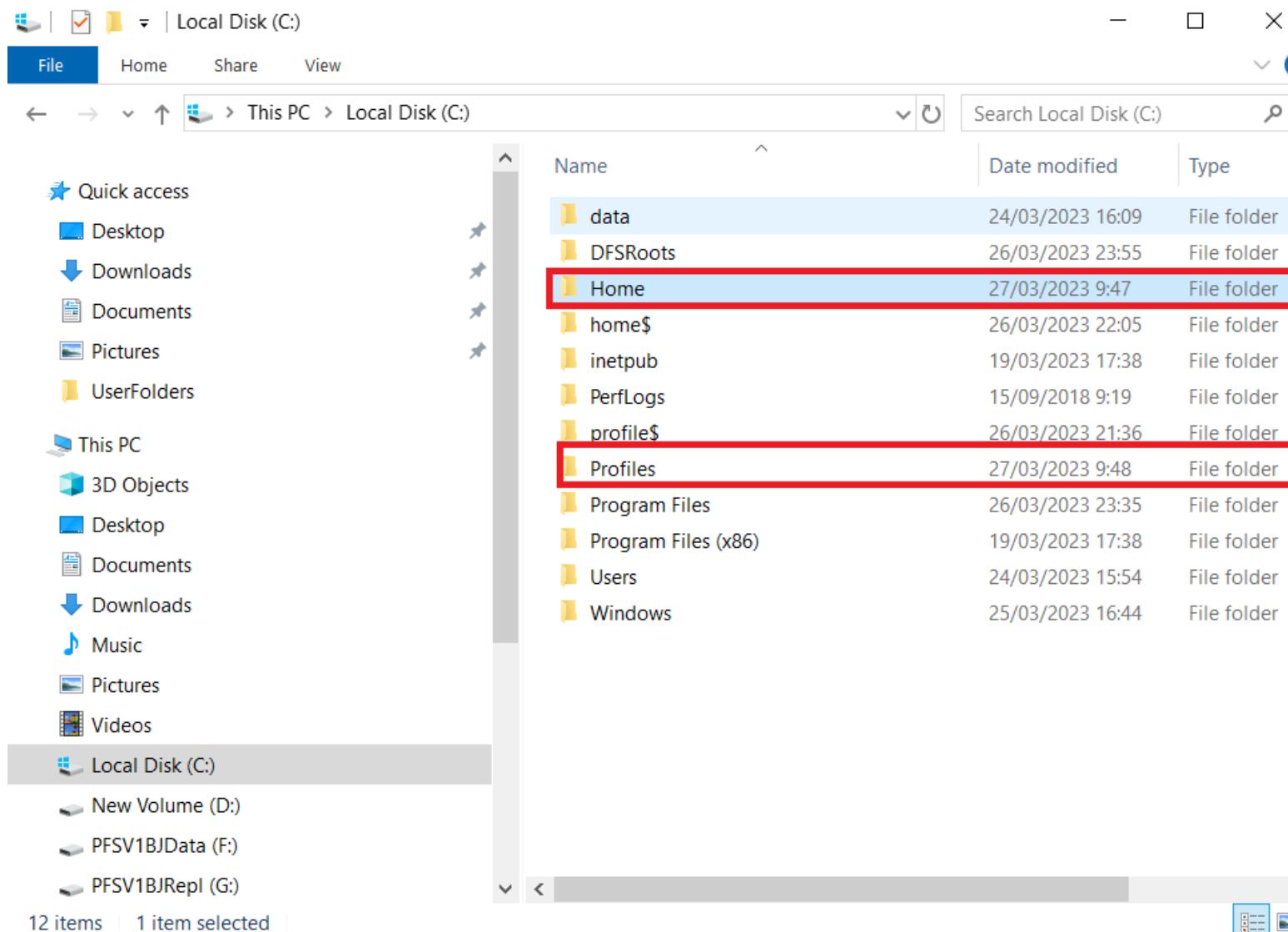
Protect container from accidental deletion

OK Cancel Help

Windows Start Internet Explorer File Mozilla Firefox Task View File 9:42 27/03/2023







SHARES
All shares | 9 total

Share	Local Path
afdelingadministratie	F:\afdelingadministratie
DataBJ	D:\DataBJ
DFS1REPBJ	C:\DFSRoots\DFS1REPBJ
home\$	C:\home\$
NETLOGON	C:\Windows\SYSVOL\sys
profile\$	C:\profile\$
SYSVOL	C:\Windows\SYSVOL\sys
Userfolders	F:\userfolders
Userprofiles	F:\userprofiles

New Share Wizard

Select the server and path for this share

Select Profile: Share Location

Server:

Server Name	Status	Cluster Role	Owner Node
PFSV1BJ	Online	Not Clustered	

Share location:

Select by volume:

Volume	Free Space	Capacity	File System
C:	46,8 GB	59,4 GB	NTFS
D:	3,43 GB	3,98 GB	NTFS
F:	9,26 GB	9,77 GB	NTFS

Type a custom path:
C:\profiles

< Previous

- [Servers](#)
- [Volumes](#)
- [Disks](#)
- [Storage Pools](#)
- [Shares](#)
- [iSCSI](#)
- [Work Folders](#)

SHARES

All shares | 9 total

Share	Local Path
afdelingadministratie	F:\afdelingadministratie
DataBJ	D:\DataBJ
DFS1REPBJ	C:\DFSRoots\DFS1REPBJ
home\$	C:\home\$
NETLOGON	C:\Windows\SYSVOL\sys
profile\$	C:\profile\$
SYSVOL	C:\Windows\SYSVOL\sys
Userfolders	F:\userfolders
Userprofiles	F:\userprofiles

New Share Wizard

Specify share name

- [Select Profile](#)
- [Share Location](#)
- [Share Name](#)
- [Other Settings](#)
- [Permissions](#)
- [Confirmation](#)
- [Results](#)

Share name: Share description:

Local path to share:

Remote path to share:

[< Previous](#)[Next >](#)[Create](#)[Cancel](#)

Server Manager

Server Manager ▶ File and Storage Services ▶ Shares

New Share Wizard

Configure share settings

SHARES All shares | 9 total

Share	Local Path
PFSV1BJ (9)	
afdelingadministratie	F:\afdelingadministratie
DataBJ	D:\DataBJ
DFS1REPBJ	C:\DFSRoots\DFS1REPBJ
home\$	C:\home\$
NETLOGON	C:\Windows\SYSVOL\sys
profile\$	C:\profile\$
SYSVOL	C:\Windows\SYSVOL\sys
Userfolders	F:\userfolders
Userprofiles	F:\userprofiles

Select Profile
Share Location
Share Name
Other Settings
Permissions
Confirmation
Results

Enable access-based enumeration
Access-based enumeration displays only the files and folders that a user has permissions to access. If a user does not have Read (or equivalent) permissions for a folder, Windows hides the folder from the user's view.

Allow caching of share
Caching makes the contents of the share available to offline users. If the BranchCache for Network Files role service is installed, you can enable BranchCache on the share.

Enable BranchCache on the file share
BranchCache enables computers in a branch office to cache files downloaded from this share, and then allows the files to be securely available to other computers in the branch.

Encrypt data access
When enabled, remote file access to this share will be encrypted. This secures the data against unauthorized access while the data is transferred to and from the share. If this box is checked and grayed out, an administrator has turned on encryption for the entire server.

< Previous **Next >** Create Cancel

9:56 27/03/2023

Server Manager

Server Manager ▶ File and Storage Services ▶ Shares

New Share Wizard

SHARES All shares | 9 total

Share	Local Path
afdelingadministratie	F:\afdelingadministratie
DataBJ	D:\DataBJ
DFS1REPBJ	C:\DFSRoots\DFS1REPBJ
home\$	C:\home\$
NETLOGON	C:\Windows\SYSVOL\sys
profile\$	C:\profile\$
SYSVOL	C:\Windows\SYSVOL\sys
Userfolders	F:\userfolders
Userprofiles	F:\userprofiles

Specify permissions to control access

Select Profile
Share Location
Share Name
Other Settings
Permissions
Confirmation
Results

Permissions to access the files on a share are set using a combination of folder permissions, share permissions, and, optionally, a central access policy.

Share permissions: Everyone Full Control

Folder permissions:

Type	Principal	Access	Applies To
Allow	CREATOR OWNER	Full Control	Subfolders and files only
Allow	BUILTIN\Users	Special	This folder and subfolders
Allow	BUILTIN\Users	Read & execute	This folder, subfolders, and fil...
Allow	BUILTIN\Administrators	Full Control	This folder, subfolders, and fil...
Allow	NT AUTHORITY\SYSTEM	Full Control	This folder, subfolders, and files

Customize permissions...

< Previous Next > Create Cancel

9:56 27/03/2023

- [Servers](#)
- [Volumes](#)
- [Disks](#)
- [Storage Pools](#)
- [Shares](#)
- [iSCSI](#)
- [Work Folders](#)

SHARES	
All shares 9 total	
Share	Local Path
▲ PFSV1BJ (9)	
afdelingadministratie	F:\afdelingadministratie
DataBJ	D:\DataBJ
DFS1REPBJ	C:\DFSRoots\DFS1REPBJ
home\$	C:\home\$
NETLOGON	C:\Windows\SYSVOL\sys
profile\$	C:\profile\$
SYSVOL	C:\Windows\SYSVOL\sys
Userfolders	F:\userfolders
Userprofiles	F:\userprofiles

New Share Wizard

Confirm selections

Confirm that the following are the correct settings, and then click Create.

SHARE LOCATION

Server:	PFSV1BJ
Cluster role:	Not Clustered
Local path:	C:\profiles

SHARE PROPERTIES

Share name:	profiles
Protocol:	SMB
Access-based enumeration:	Disabled
Caching:	Disabled
BranchCache:	Disabled
Encrypt data:	Disabled

< Previous Next > **Create** Cancel

- [Servers](#)
- [Volumes](#)
- [Disks](#)
- [Storage Pools](#)
- [Shares](#)
- [iSCSI](#)
- [Work Folders](#)

SHARES

All shares | 10 total

Filter



Share Local Path

▲ PFSV1BJ (10)

Share	Local Path
afdelingadministratie	F:\afdelingadministratie
DataBJ	D:\DataBJ
DFS1REPBJ	C:\DFSRoots\DFS1REPBJ
home\$	C:\home\$
NETLOGON	C:\Windows\SYSVOL\sys
profile\$	C:\profile\$
SYSVOL	C:\Windows\SYSVOL\sys
Userfolders	F:\userfolders
Userprofiles	F:\userprofiles
profiles	C:\profiles

New Share Wizard

View results

- [Select Profile](#)
- [Share Location](#)
- [Share Name](#)
- [Other Settings](#)
- [Permissions](#)
- [Confirmation](#)
- [Results](#)

The share was successfully created.

Task	Progress	Status
Create SMB share	<div style="width: 100%; background-color: #00A0A0; height: 10px;"></div>	Completed
Set SMB permissions	<div style="width: 100%; background-color: #00A0A0; height: 10px;"></div>	Completed

[< Previous](#)[Next >](#)[Close](#)[Cancel](#)

Server Manager

Server Manager ▶ File and Storage Services ▶ Shares

New Share Wizard

Select the server and path for this share

SHARES

Shares

Share Location

Share Name

Other Settings

Permissions

Confirmation

Results

Server:

Server Name	Status	Cluster Role	Owner Node
PFSV1BJ	Online	Not Clustered	

Share location:

Select by volume:

Volume	Free Space	Capacity	File System
C:	46,8 GB	59,4 GB	NTFS
D:	3,43 GB	3,98 GB	NTFS
F:	9,26 GB	9,77 GB	NTFS

The location of the file share will be a new folder in the \Shares directory on the selected volume.

Type a custom path:

C:\home

< Previous Create Cancel

VOLUME

Used Space
Free Space

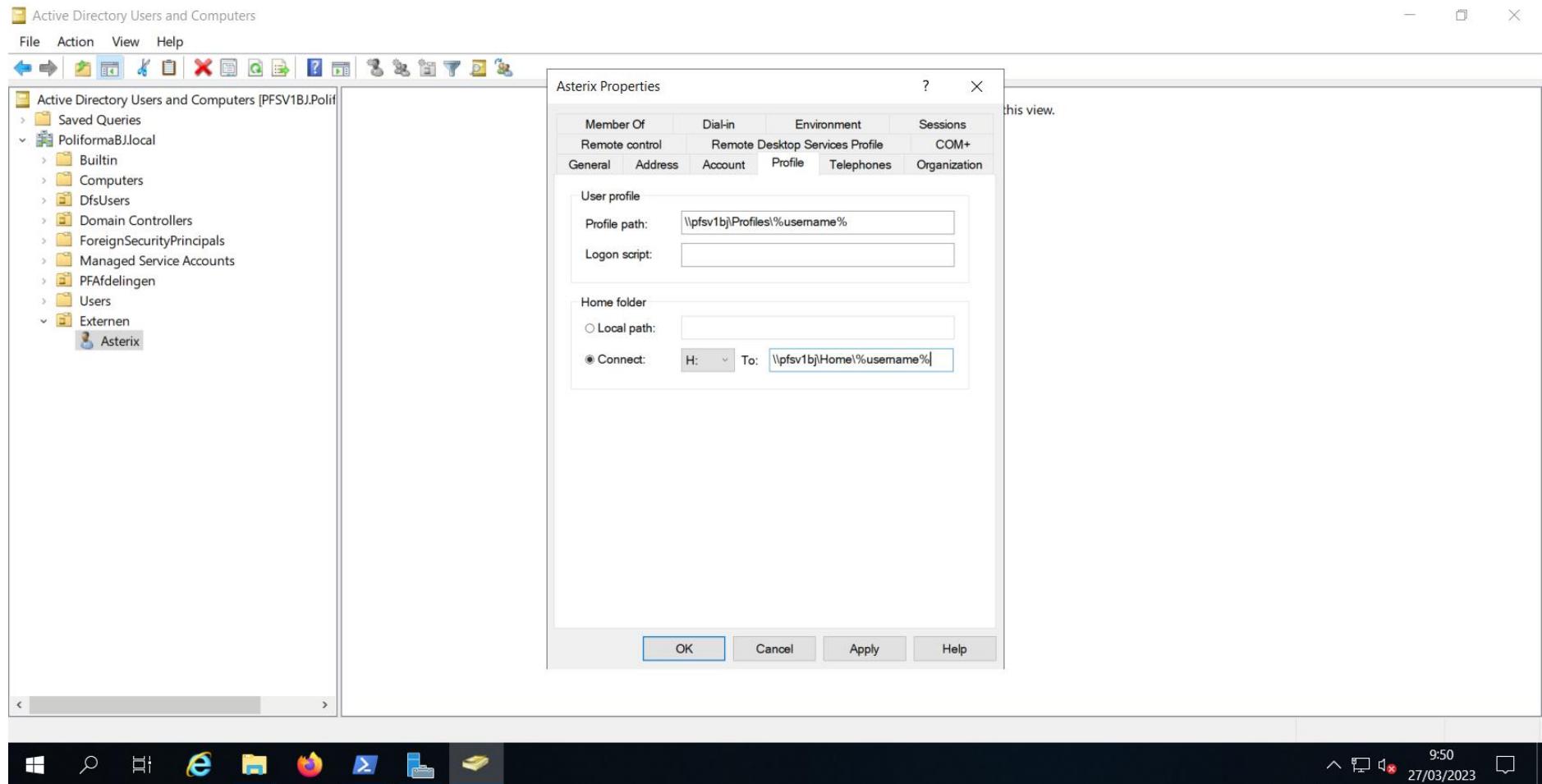
TASKS

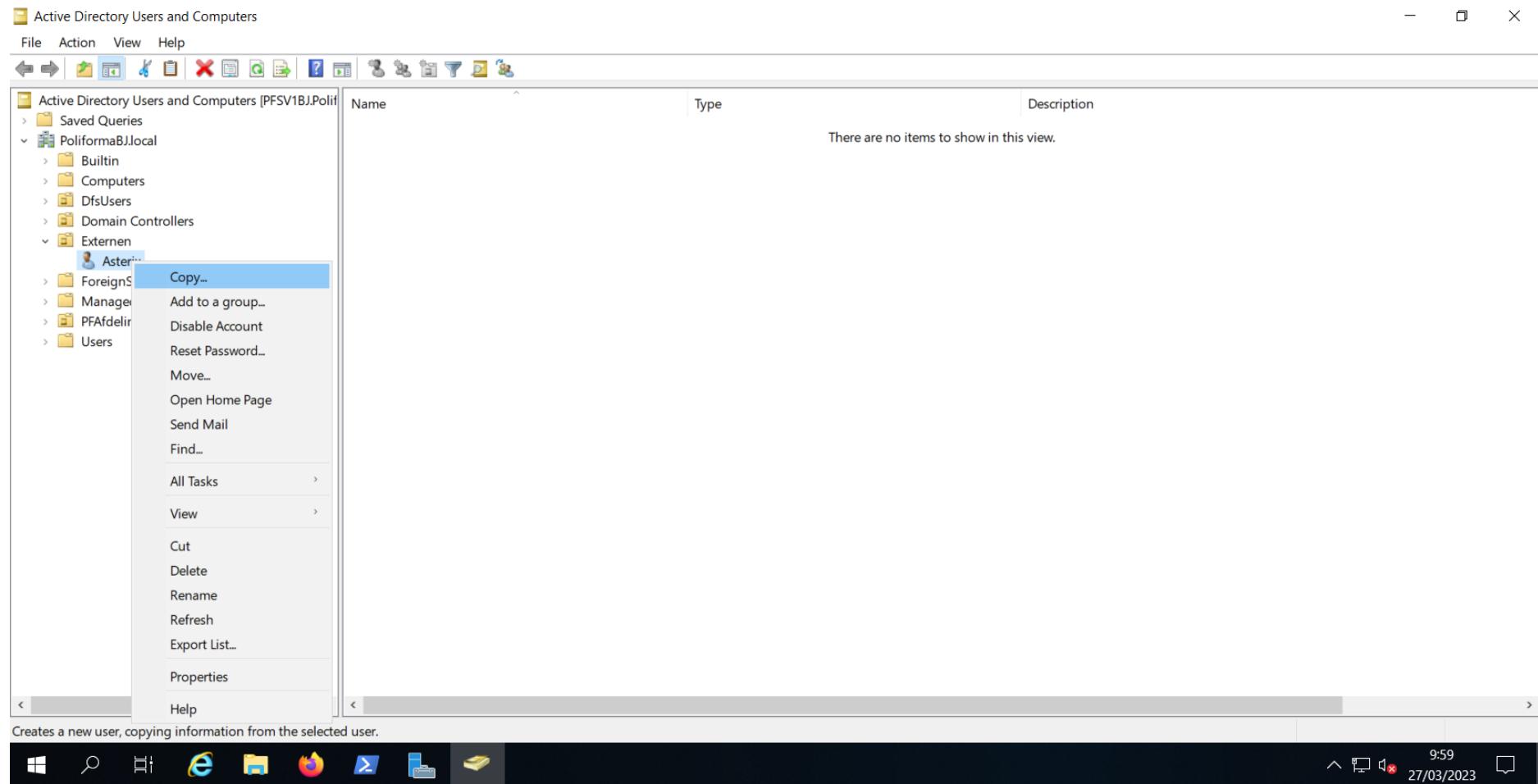
er Resource Manager must be installed.

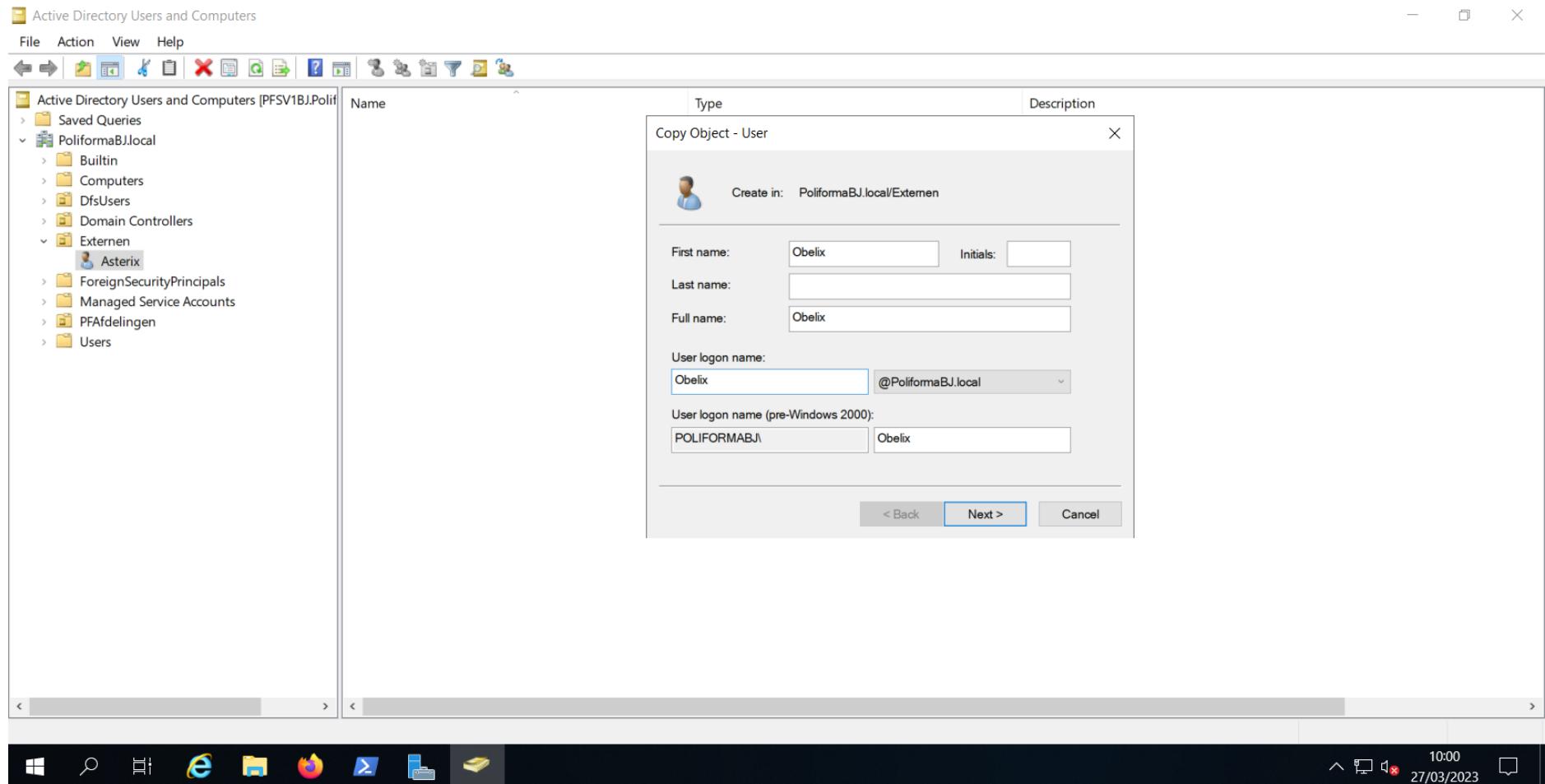
In Manager, start the Add Roles and Features Wizard.

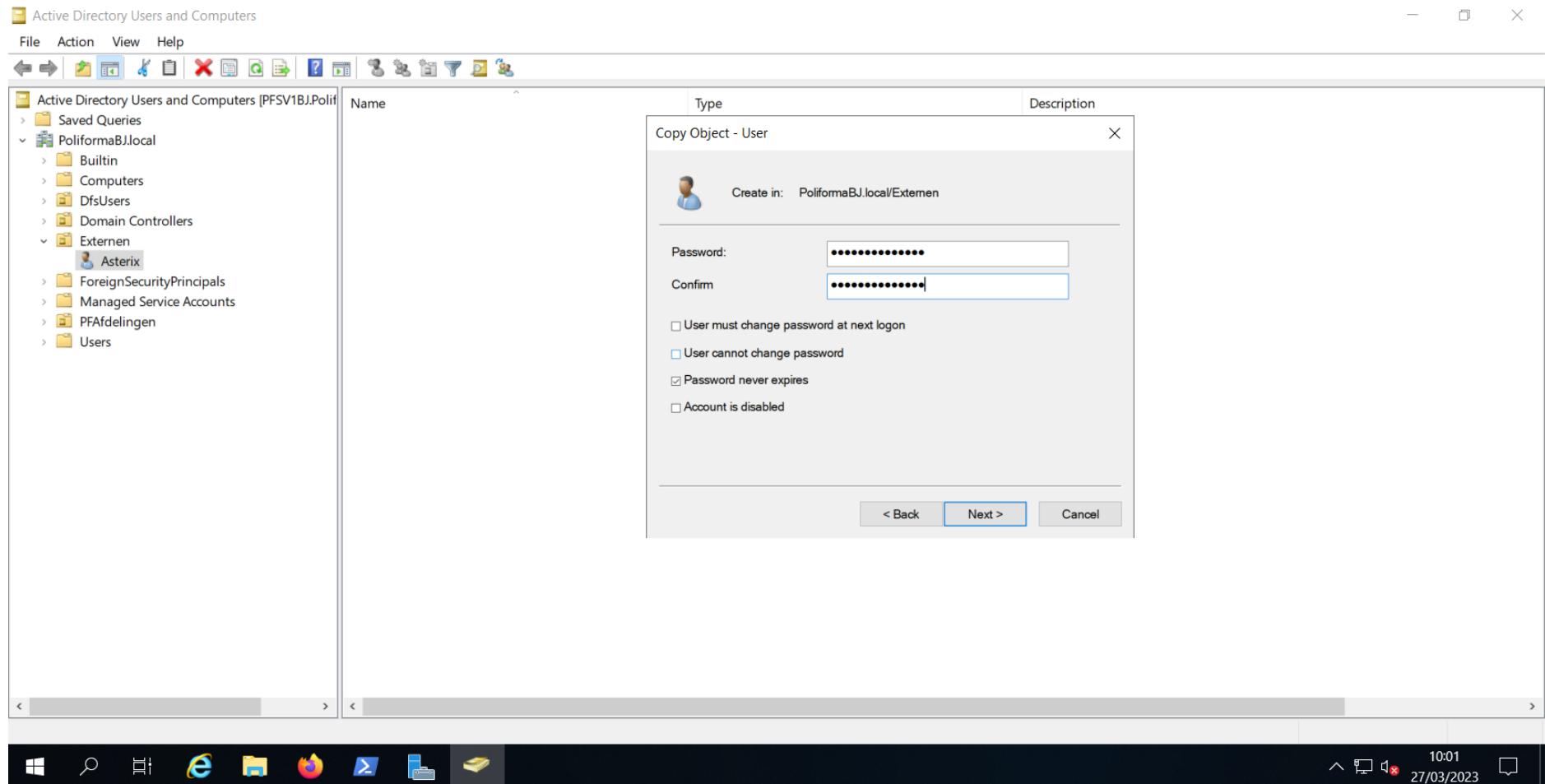
9:57 27/03/2023

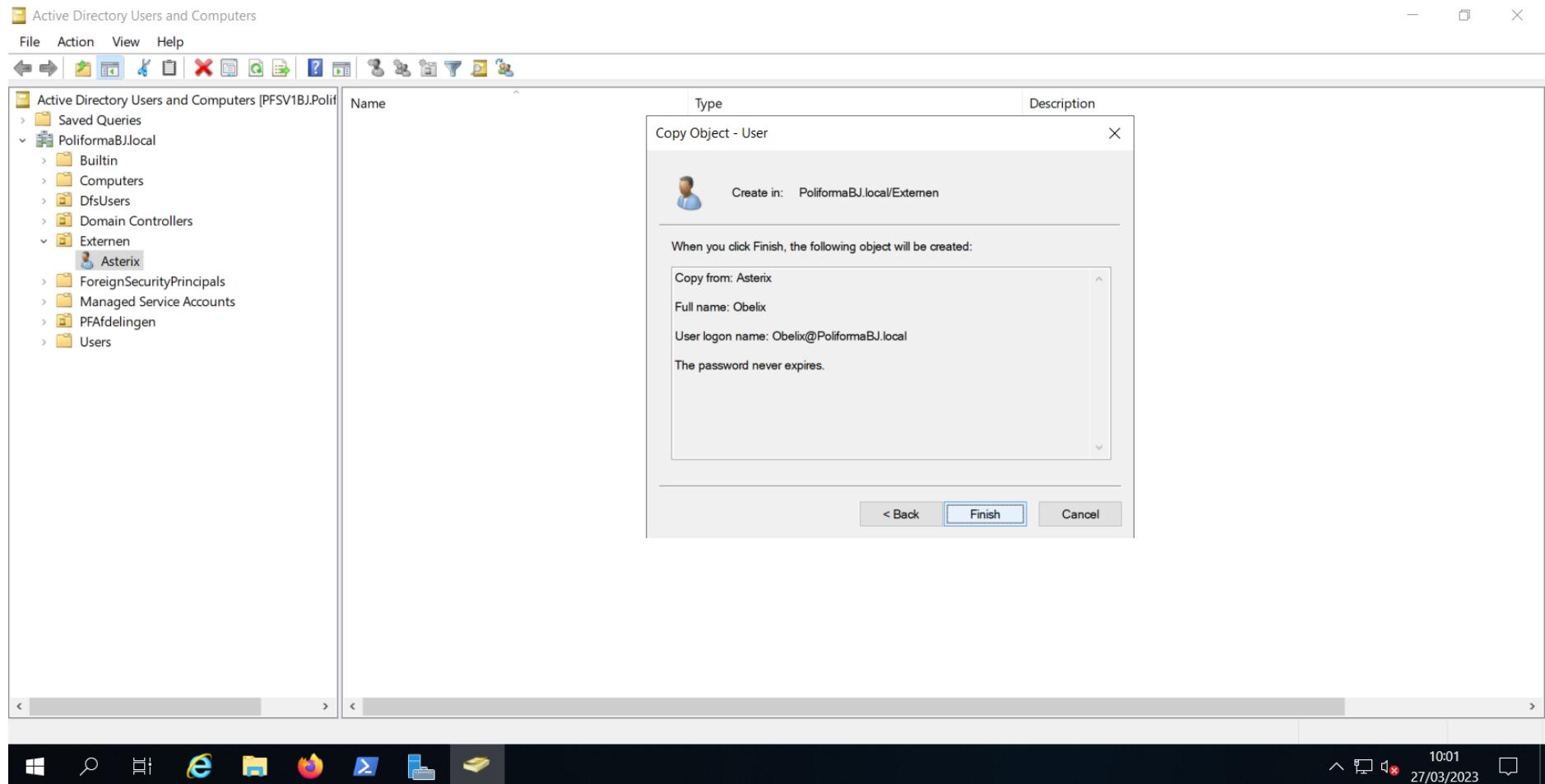
ZELFDE STAPPEN MAAR DAN VOOR HOME











Active Directory Users and Computers

File Action View Help

Active Directory Users and Computers [PFSV1BJ.Polif

Active Directory Users and Computers [PFSV1BJ.Polif

Saved Queries

PoliformaBJ.local

Builtin

Computers

DfsUsers

Domain Controllers

Externen

Asterix

Obelix

ForeignSecurityPrincipals

Managed Service Accounts

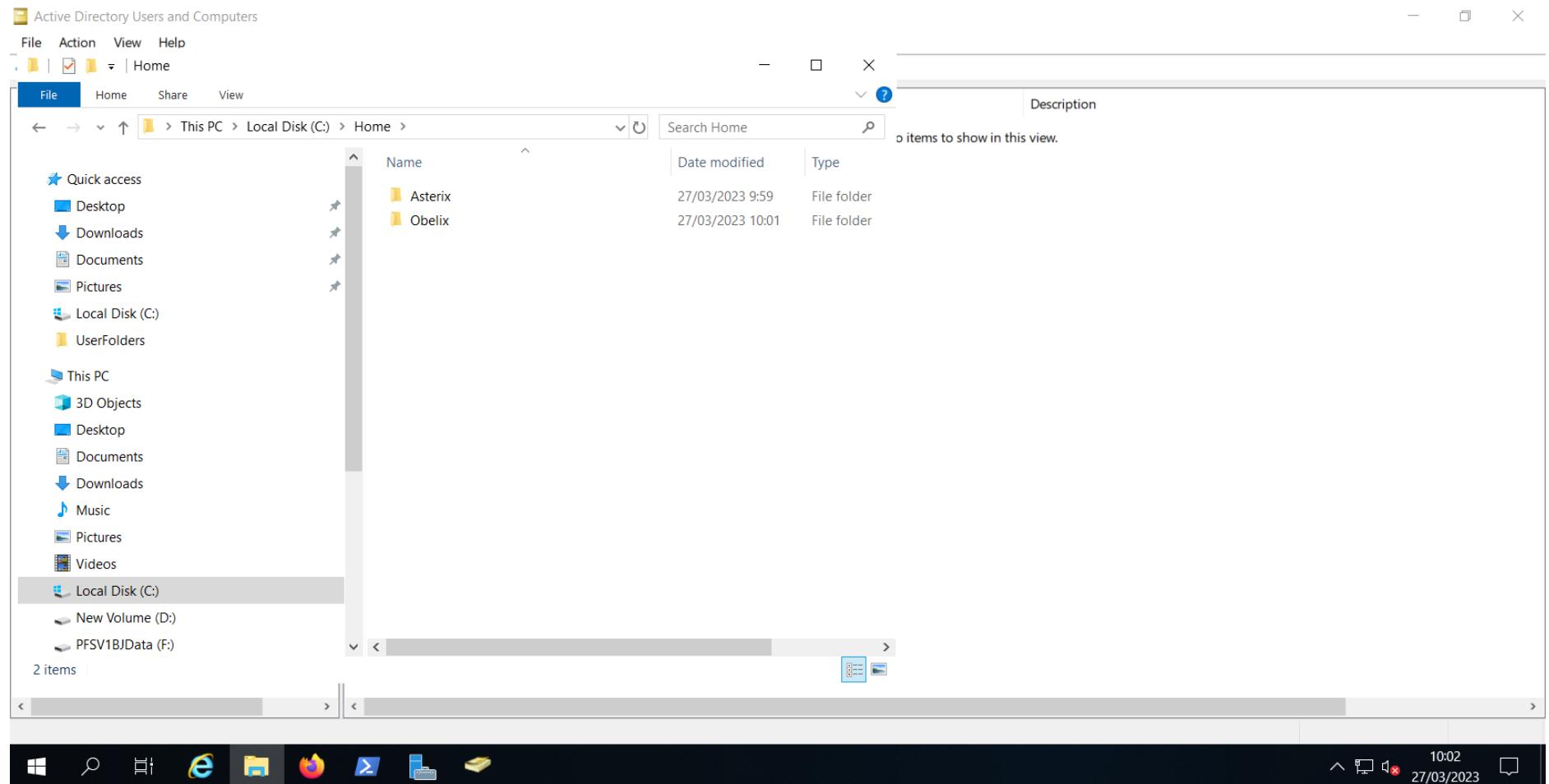
PFAfdelingen

Users

Name Type Description

There are no items to show in this view.

10:01 27/03/2023



```
Administrator: Windows PowerShell
PS C:\Users\Administrator> get-acl c:\home,c:\profiles | format-list

Path      : Microsoft.PowerShell.Core\FileSystem::C:\home
Owner     : BUILTIN\Administrators
Group    : POLIFORMABJ\Domain Users
Access   : NT AUTHORITY\SYSTEM Allow FullControl
          BUILTIN\Administrators Allow FullControl
          BUILTIN\Users Allow ReadAndExecute, Synchronize
          BUILTIN\Users Allow AppendData
          BUILTIN\Users Allow CreateFiles
          CREATOR OWNER Allow 268435456
Audit    :
Sddl     : O:BAG:DUD:AI(A;OICIID;FA;;;SY)(A;OICIID;FA;;;BA)(A;OICIID;0x1200a9;;;BU)(A;CIID;LC;;;BU)(A;CIID;DC;;;BU)(A;OICIIOID;GA;;;CO)

Path      : Microsoft.PowerShell.Core\FileSystem::C:\profiles
Owner     : BUILTIN\Administrators
Group    : POLIFORMABJ\Domain Users
Access   : NT AUTHORITY\SYSTEM Allow FullControl
          BUILTIN\Administrators Allow FullControl
          BUILTIN\Users Allow ReadAndExecute, Synchronize
          BUILTIN\Users Allow AppendData
          BUILTIN\Users Allow CreateFiles
          CREATOR OWNER Allow 268435456
Audit    :
Sddl     : O:BAG:DUD:AI(A;OICIID;FA;;;SY)(A;OICIID;FA;;;BA)(A;OICIID;0x1200a9;;;BU)(A;CIID;LC;;;BU)(A;CIID;DC;;;BU)(A;OICIIOID;GA;;;CO)

PS C:\Users\Administrator>
```

OPGAVE 3

The screenshot shows a Windows 10 desktop environment. At the top is the Start button, followed by the Windows logo and the text "Type here to search". Below this is the taskbar with several pinned icons: File Explorer, Edge browser, File History, Mail, Settings, Task View, and a system tray icon.

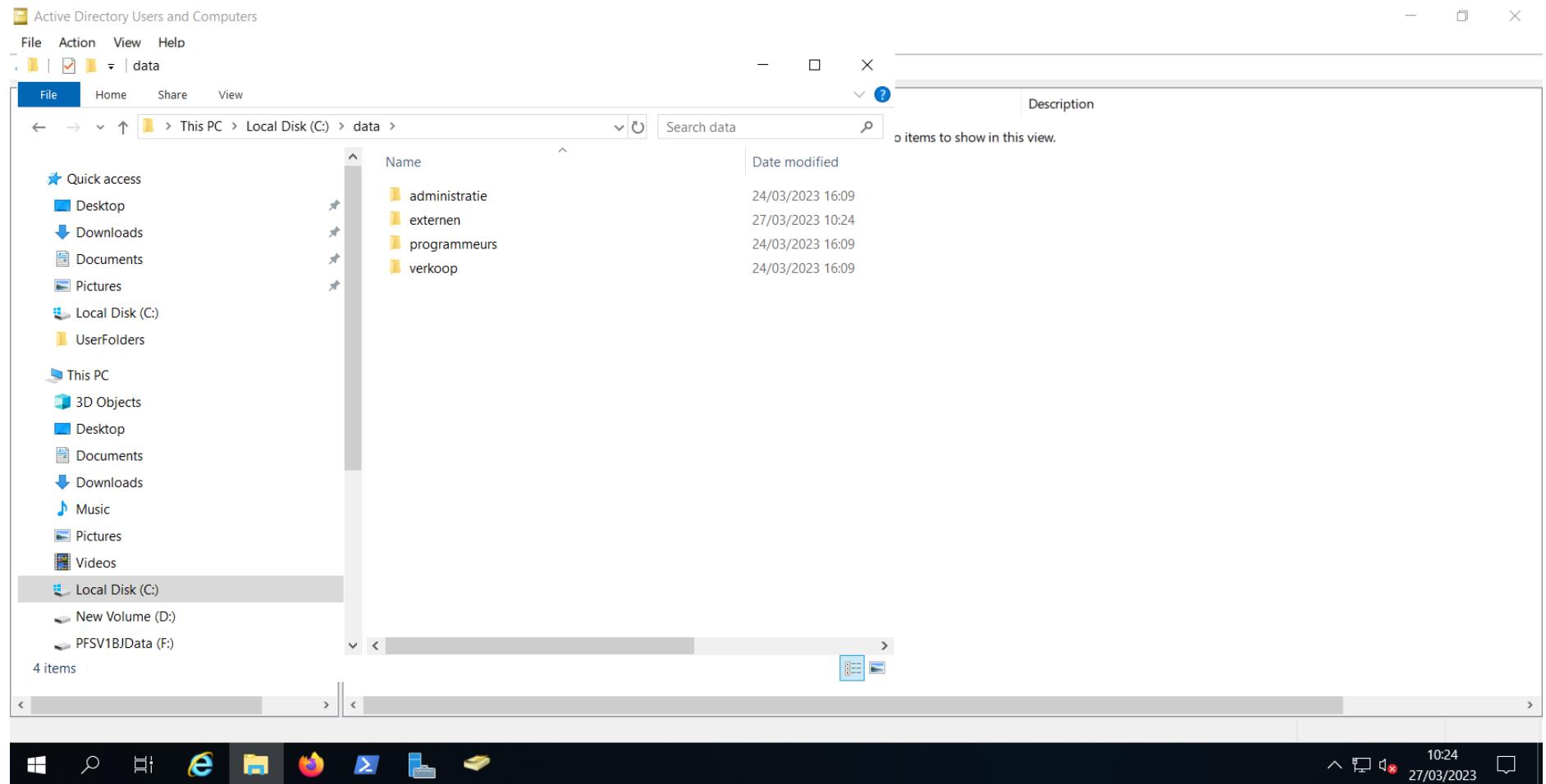
The main area of the screen displays the Windows Settings app under the "System" category. It includes sections for "About", "Device specifications", and "Windows specifications". A "User Profiles" dialog box is open, listing profiles stored on the computer:

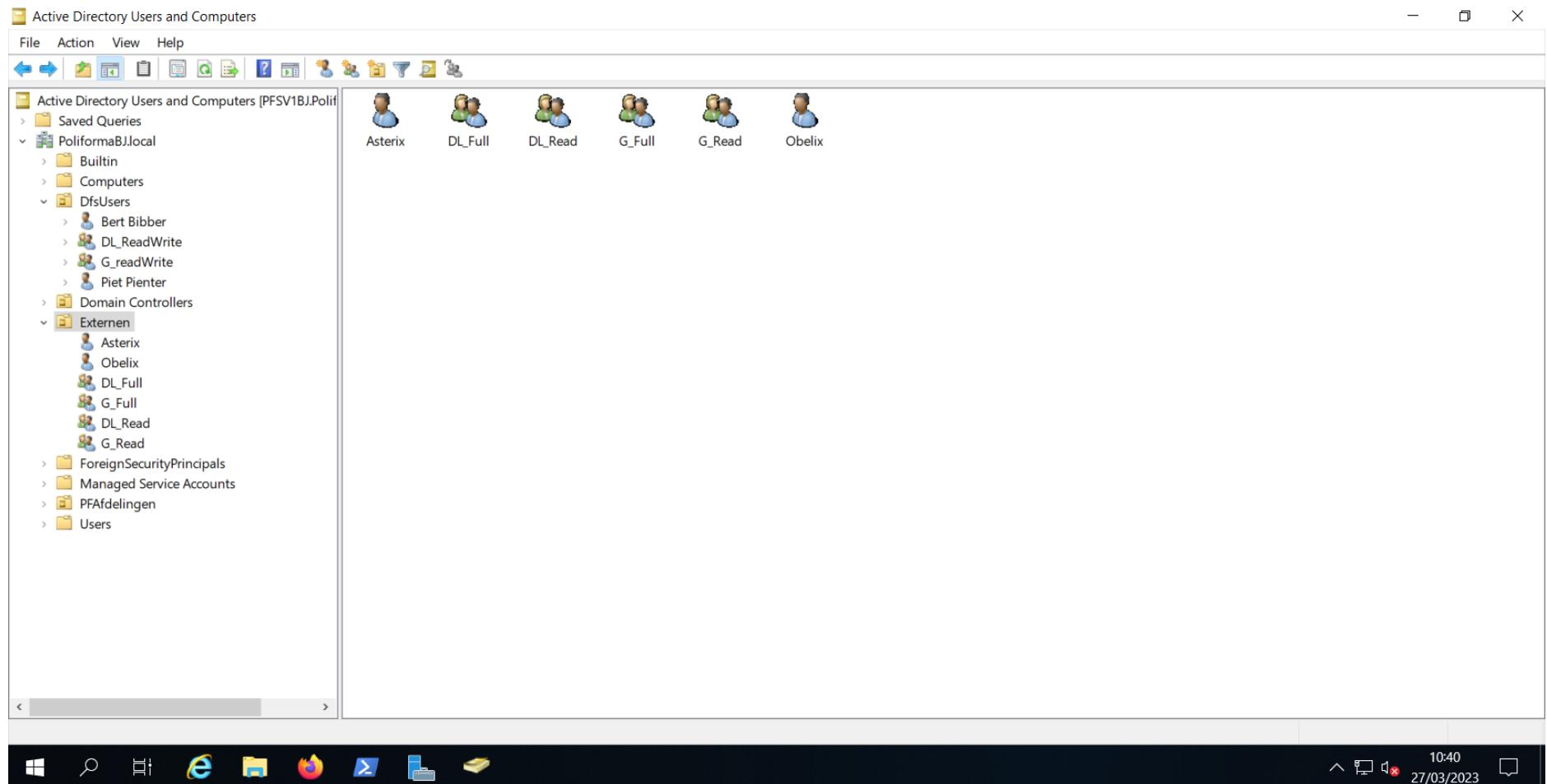
Name	Size	Type	Status	Mod...
Default Profile	1,49 MB	Local	Local	27/0...
PFWS2B\Bart	209 MB	Local	Local	27/0...
POLIFORMAB\Administra...	1,48 MB	Local	Local	27/0...
POLIFORMAB\Asterix	2,05 MB	Roam...	Roam...	27/0...
POLIFORMAB\Obelix	2,05 MB	Roam...	Roam...	27/0...

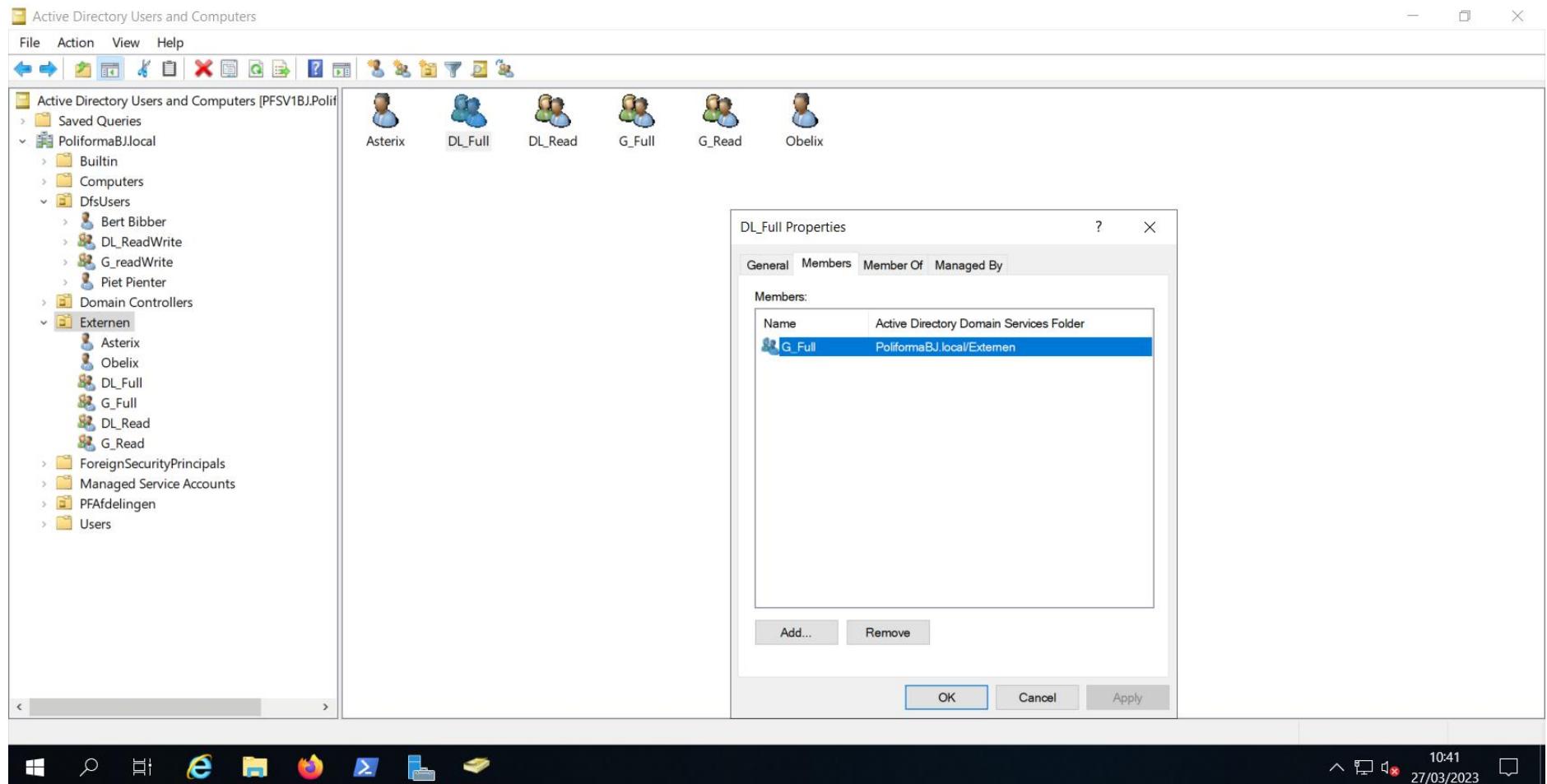
Below the table are buttons for "Change Type...", "Delete", and "Copy To...". A note at the bottom says "To create new user accounts, open [User Accounts](#) in Control Panel." At the bottom right of the dialog are "OK" and "Cancel" buttons.

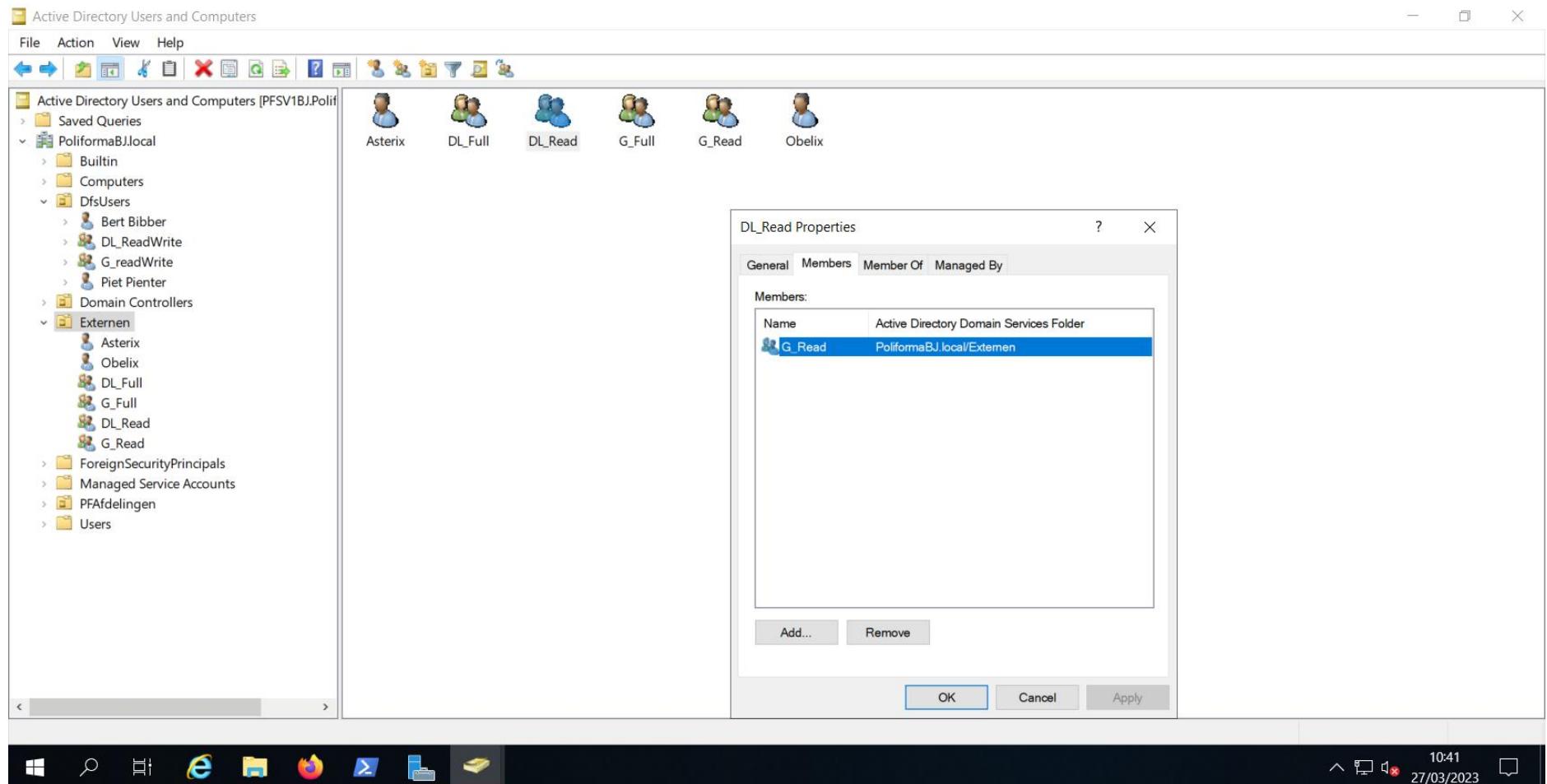
To the right of the Settings app, there is a vertical sidebar with "Related settings" links: BitLocker settings, Device Manager, Remote desktop, System protection, Advanced system settings, and Rename this PC (advanced). At the bottom of this sidebar are "Get help" and "Give feedback" links.

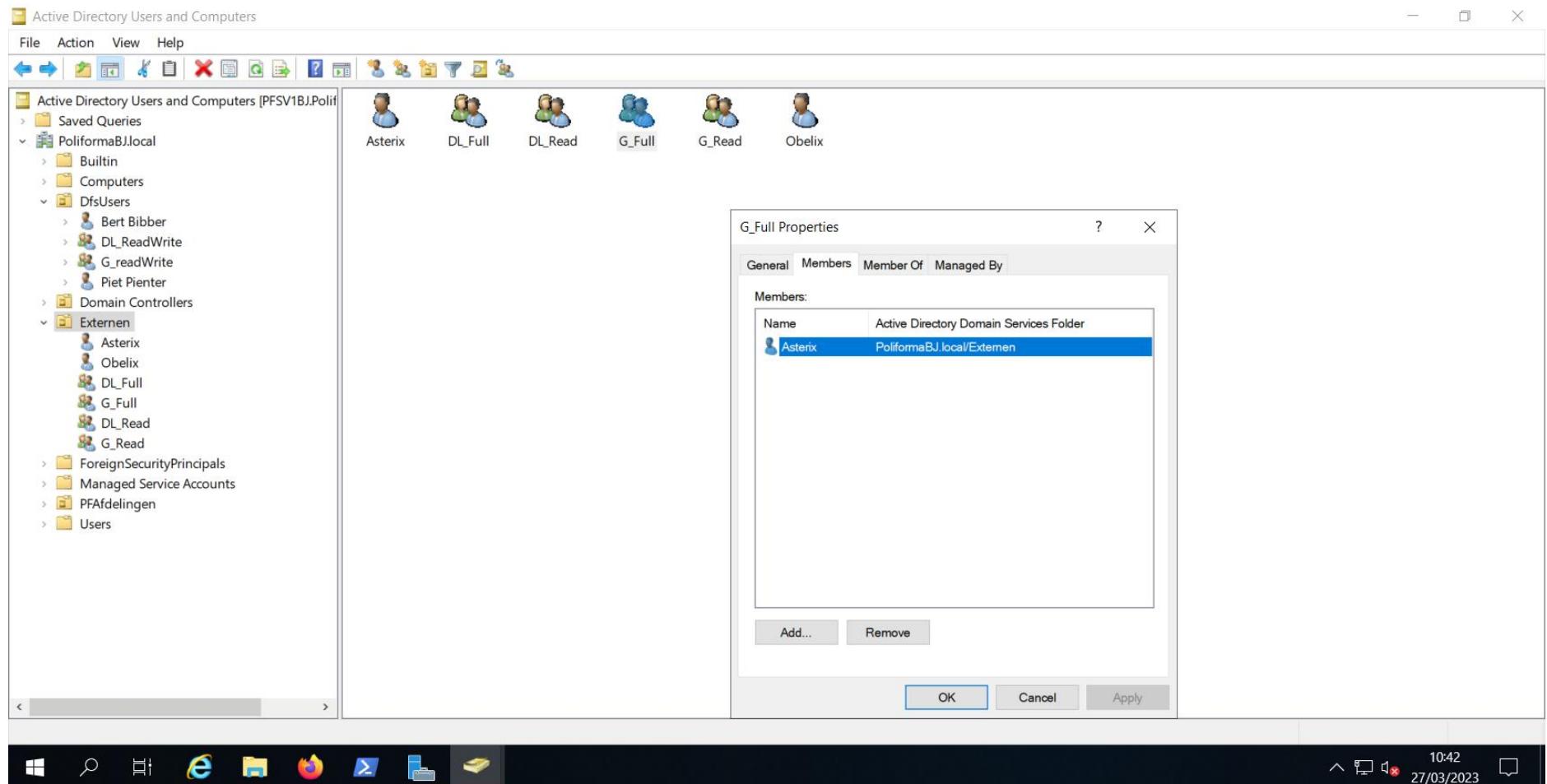
OPGAVE 4

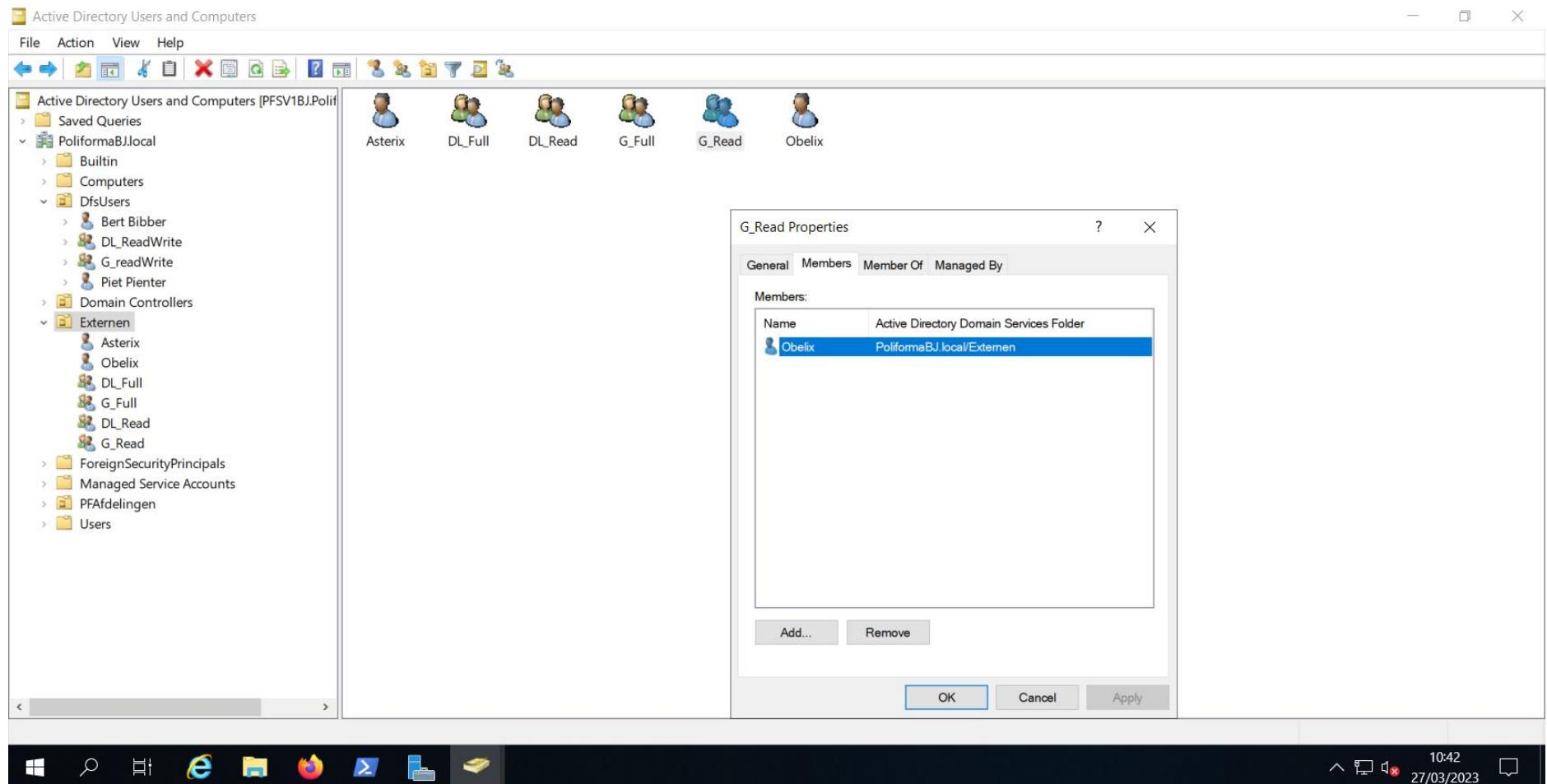




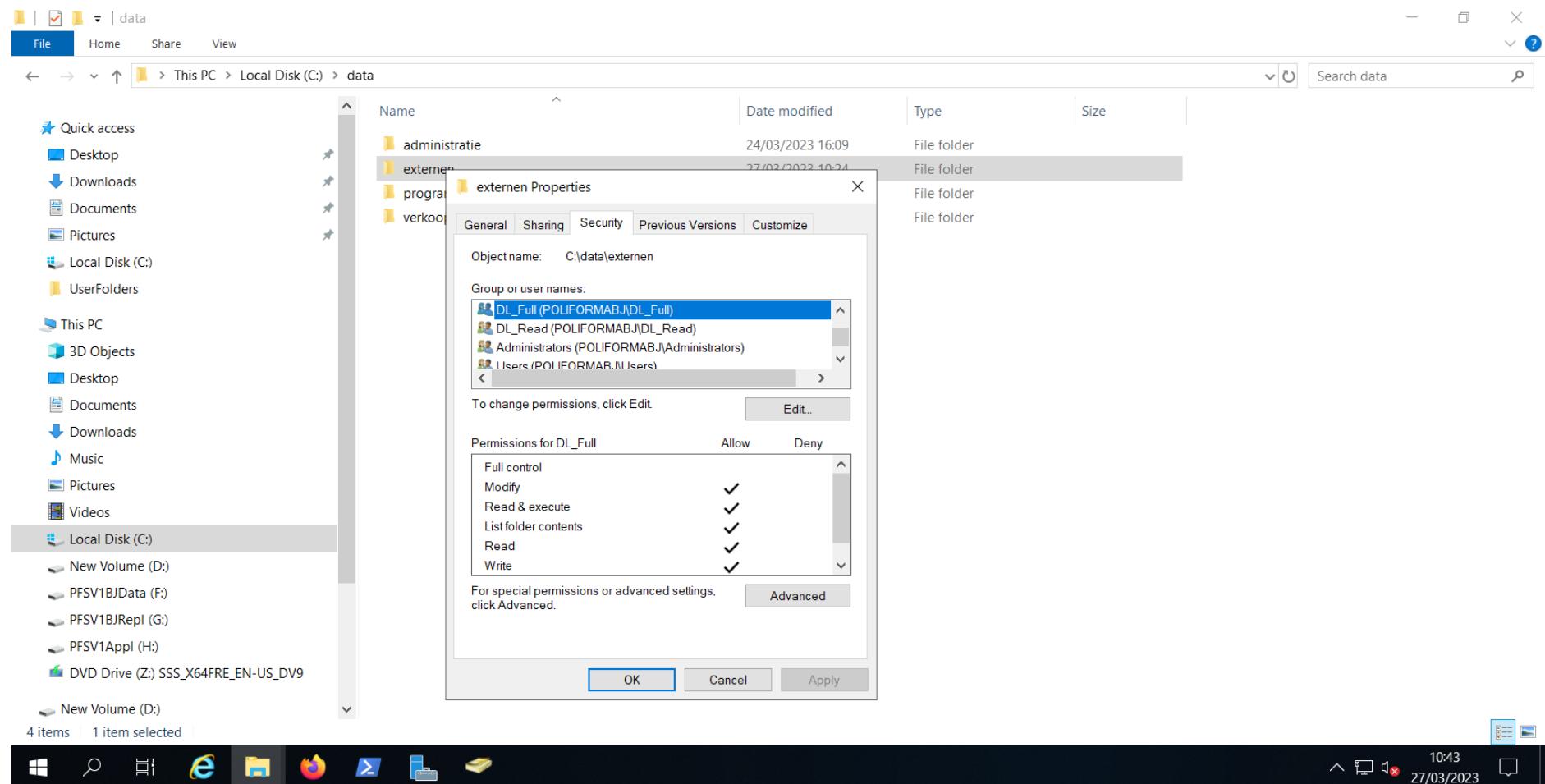




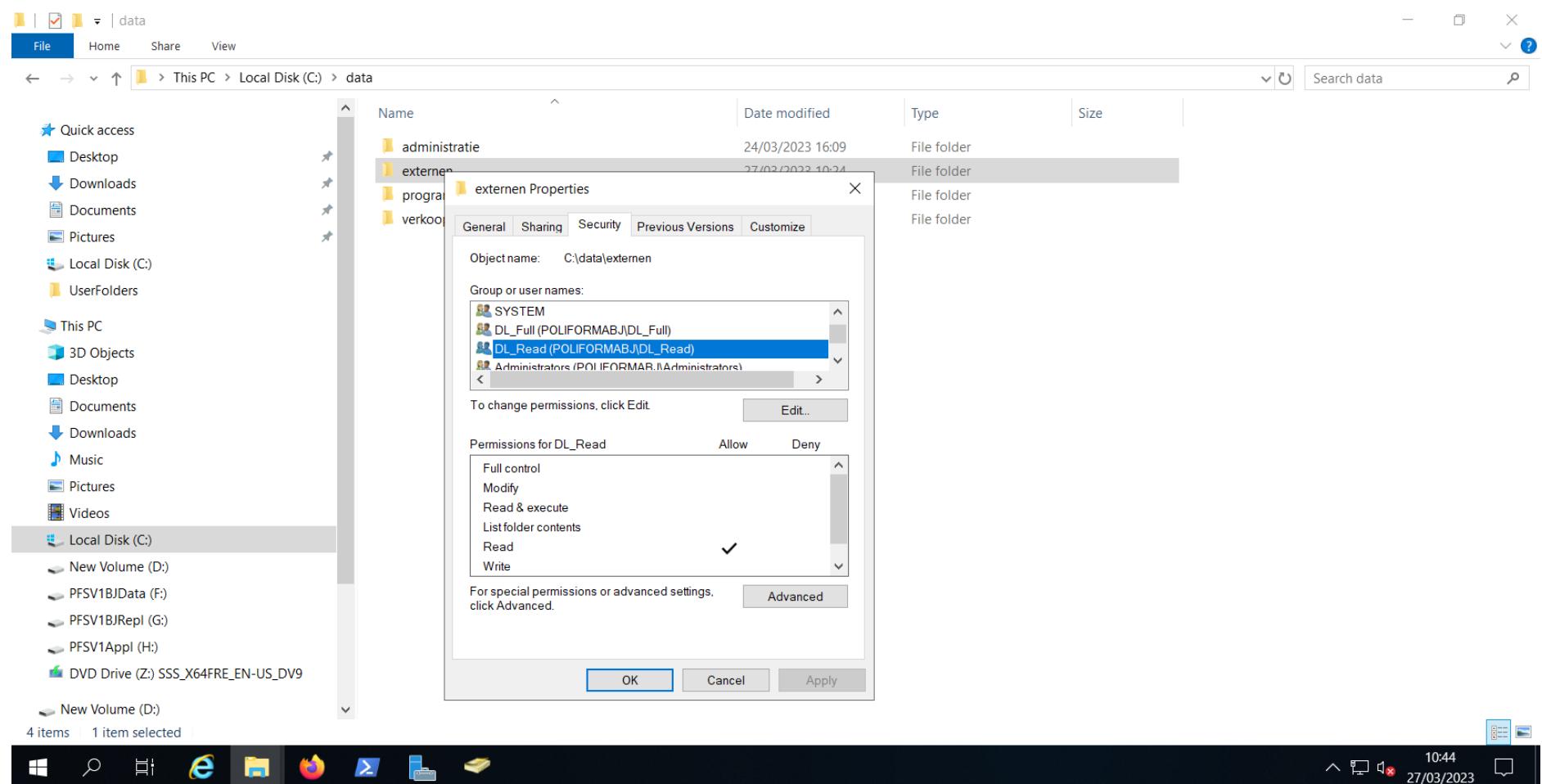




WORKSTATION - ASTERIX



WORKSTATION - obelix



OPGAVE 5

DNS Manager

File Action View Help

New Zone Wizard

Welcome to the New Zone Wizard

This wizard helps you create a new zone for your DNS server.

A zone translates DNS names to related data, such as IP addresses or network services.

To continue, click Next.

< Back Next > Cancel

DNS

PFSV1BJ.PoliformaBJ.local

- Forward Lookup Zones
- Reverse Lookup Zones
- Trust Points
- Conditional Forwarders

Name	Type	Status	DNSSEC Status	Key Master
_msdcs.PoliformaBJ.local	Active Directory-Integrated Primary	Running	Not Signed	
Janssens.local	Standard Primary	Running	Not Signed	
PoliformaBJ.local	Active Directory-Integrated Primary	Running	Not Signed	

11:02 27/03/2023

DNS Manager

File Action View Help

New Zone Wizard

Zone Type

The DNS server supports various types of zones and storage.

Select the type of zone you want to create:

Primary zone
Creates a copy of a zone that can be updated directly on this server.

Secondary zone
Creates a copy of a zone that exists on another server. This option helps balance the processing load of primary servers and provides fault tolerance.

Stub zone
Creates a copy of a zone containing only Name Server (NS), Start of Authority (SOA), and possibly glue Host (A) records. A server containing a stub zone is not authoritative for that zone.

Store the zone in Active Directory (available only if DNS server is a writeable domain controller)

< Back Next > Cancel

Name	Type	Status	DNSSEC Status	Key Master
_msdc.s.PoliformaBJ.local	Active Directory-Integrated Pri...	Running	Not Signed	
Janssens.local	Standard Primary	Running	Not Signed	
PoliformaBJ.local	Active Directory-Integrated Pri...	Running	Not Signed	

11:03 27/03/2023

DNS Manager

File Action View Help

New Zone Wizard

Zone Name

What is the name of the new zone?

The zone name specifies the portion of the DNS namespace for which this server is authoritative. It might be your organization's domain name (for example, microsoft.com) or a portion of the domain name (for example, newzone.microsoft.com). The zone name is not the name of the DNS server.

Zone name: dagelijkswerk

< Back Next > Cancel

PFSV1BJ.PoliformaBJ.local

Forward Lookup Zones

Reverse Lookup Zones

Trust Points

Conditional Forwarders

Name Type Status DNSSEC Status Key Master

Name	Type	Status	DNSSEC Status	Key Master
_msdc.s.PoliformaBJ.local	Active Directory-Integrated Primary	Running	Not Signed	
Janssens.local	Standard Primary	Running	Not Signed	
PoliformaBJ.local	Active Directory-Integrated Primary	Running	Not Signed	

11:05 27/03/2023

DNS Manager

File Action View Help

New Zone Wizard

Zone File

You can create a new zone file or use a file copied from another DNS server.

Do you want to create a new zone file or use an existing file that you have copied from another DNS server?

Create a new file with this file name:

dagelijkswerk.dns

Use this existing file:

To use this existing file, ensure that it has been copied to the folder %SystemRoot%\system32\dns on this server, and then click Next.

< Back Next > Cancel

DNS

Name Type Status DNSSEC Status Key Master

Name	Type	Status	DNSSEC Status	Key Master
_msdc.s.PoliformaBJ.local	Active Directory-Integrated Primary	Running	Not Signed	
Forward Lookup Zones				
Janssens.local	Standard Primary	Running	Not Signed	
PoliformaBJ.local	Active Directory-Integrated Primary	Running	Not Signed	
Reverse Lookup Zones				
Trust Points				
Conditional Forwarders				

Windows Start Task View Internet Explorer File Explorer Control Panel Network

11:05 27/03/2023

DNS Manager

File Action View Help

New Zone Wizard

Dynamic Update

You can specify that this DNS zone accepts secure, nonsecure, or no dynamic updates.

Dynamic updates enable DNS client computers to register and dynamically update their resource records with a DNS server whenever changes occur.

Select the type of dynamic updates you want to allow:

Allow only secure dynamic updates (recommended for Active Directory)
This option is available only for Active Directory-integrated zones.

Allow both nonsecure and secure dynamic updates
Dynamic updates of resource records are accepted from any client.
⚠️ This option is a significant security vulnerability because updates can be accepted from untrusted sources.

Do not allow dynamic updates
Dynamic updates of resource records are not accepted by this zone. You must update these records manually.

< Back Next > Cancel

Name	Type	Status	DNSSEC Status	Key Master
_msdc.s.PoliformaBJ.local	Active Directory-Integrated Primary	Running	Not Signed	
Janssens.local	Standard Primary	Running	Not Signed	
PoliformaBJ.local	Active Directory-Integrated Primary	Running	Not Signed	

11:05 27/03/2023

DNS Manager

File Action View Help

New Zone Wizard

Completing the New Zone Wizard

You have successfully completed the New Zone Wizard. You specified the following settings:

Name:	dagelijkswerk
Type:	Standard Primary
Lookup type:	Forward
File name:	dagelijkswerk.dns

Note: You should now add records to the zone or ensure that records are updated dynamically. You can then verify name resolution using nslookup.

To close this wizard and create the new zone, click Finish.

< Back Finish Cancel

DNS Manager window showing the completed New Zone Wizard. The wizard summary shows the zone was created with the name 'dagelijkswerk', type 'Standard Primary', lookup type 'Forward', and file name 'dagelijkswerk.dns'. A note says to add records or verify resolution using nslookup. Buttons for Back, Finish, and Cancel are at the bottom.



11:05
27/03/2023