

# DFS, Server Shares and Network Mapped drives at Puffing Billy

The article is a quick guide to DFS, Server Shares and network mapped drives at Puffing Billy.

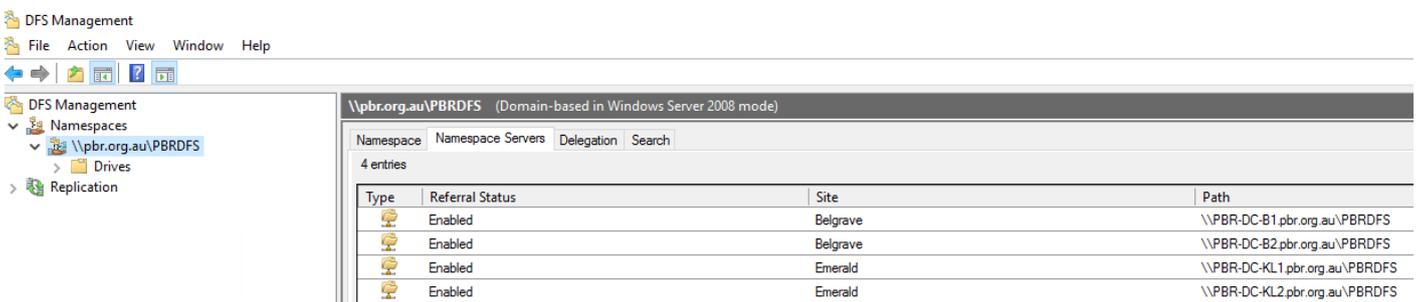
The DFS Namespace path for Puffing Billy is \\PBR.ORG.AU\PBRDFS.

Currently DFS Namespace and DFS Replication roles are installed on the following servers:

- PBR-DC-B1
- PBR-DC-B2
- PBR-DC-KL1
- PBR-DC-KL2
- PBR-FS-B1
- PBR-FS-KL1

The active namespace servers are currently:

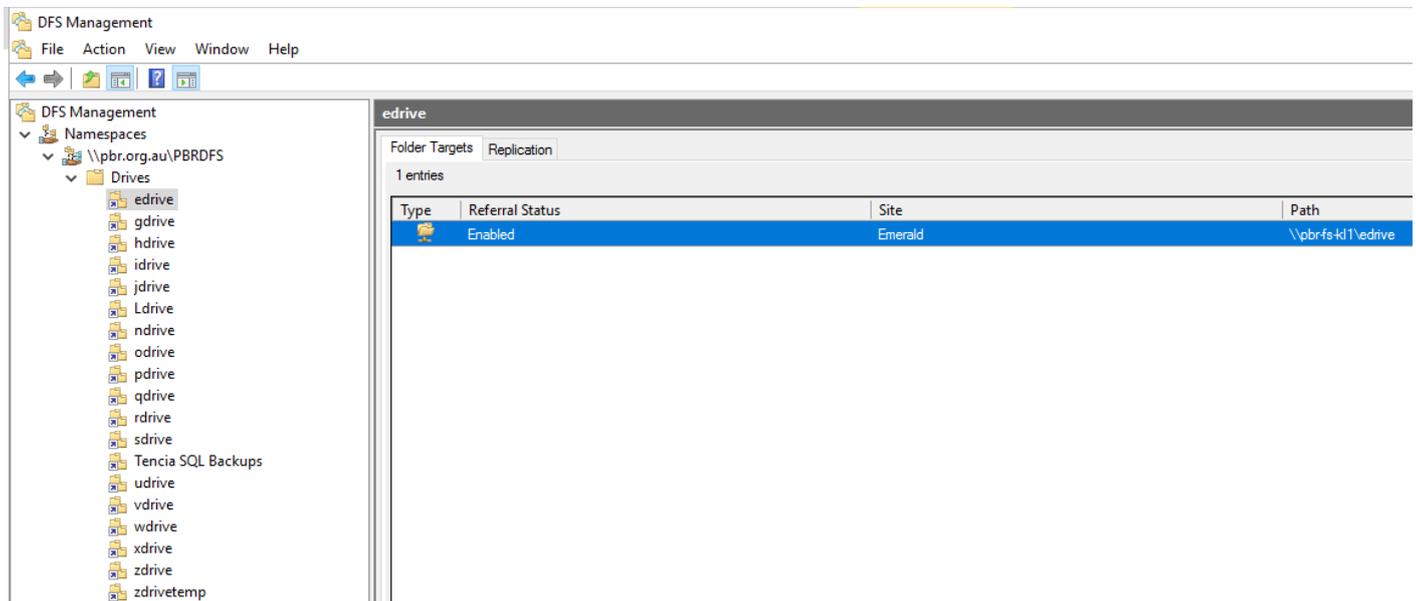
- PBR-DC-B1
- PBR-DC-B2
- PBR-DC-KL1
- PBR-DC-KL2



Having multiple namespace servers ensures the DFS paths are active in the event that one of the other DCs goes down.

There are a number of folder targets set under the DFS path \\pbr.org.au\pbrdfs\drives. The path \\pbr.org.au\pbrdfs\drives is essentially a fictional folder path. Under \\pbr.org.au\pbrdfs\drives are the actual folders and shares to other file servers and shares. All \\pbr.org.au\pbrdfs\drives does is redirect to point to these shares using this path.

For example, the below screenshot shows the edrive selected. The actual location of the edrive is \\pbr-fs-kl1\edrive and is a windows server share hosted on the Kilvington file server.



I have added the \\pbr-fs-kl1\edrive as a folder target to DFS so when i map to \\pbr.org.au\pbrdfs\drives\edrive I am essentially viewing files on \\pbr-fs-kl1\edrive.

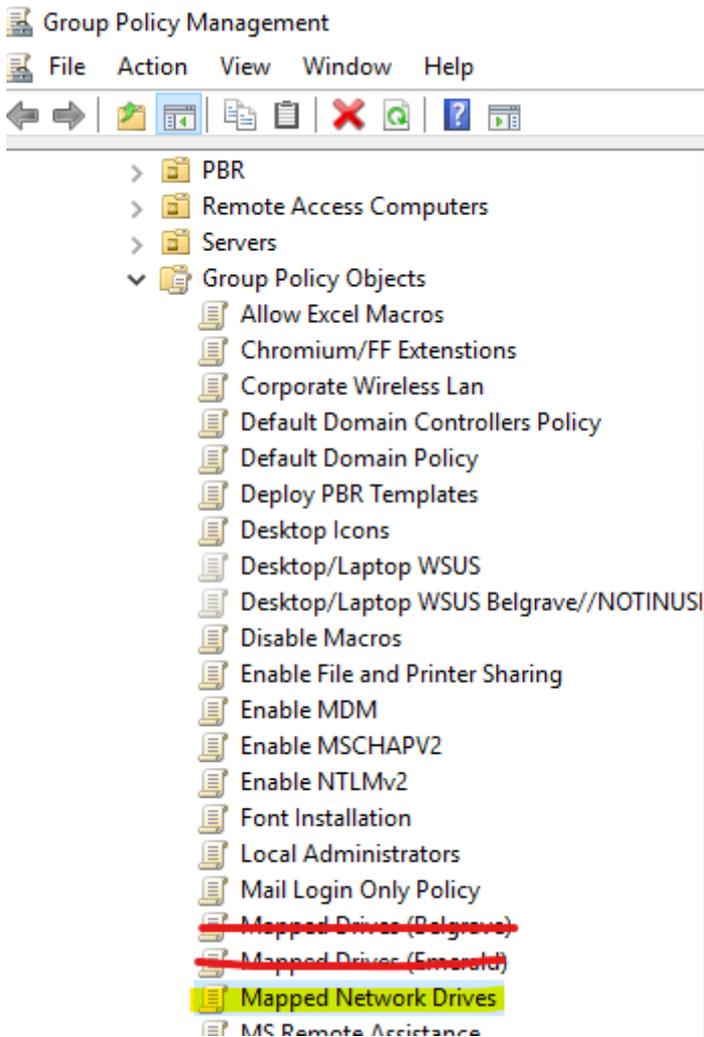
edrive

Share View

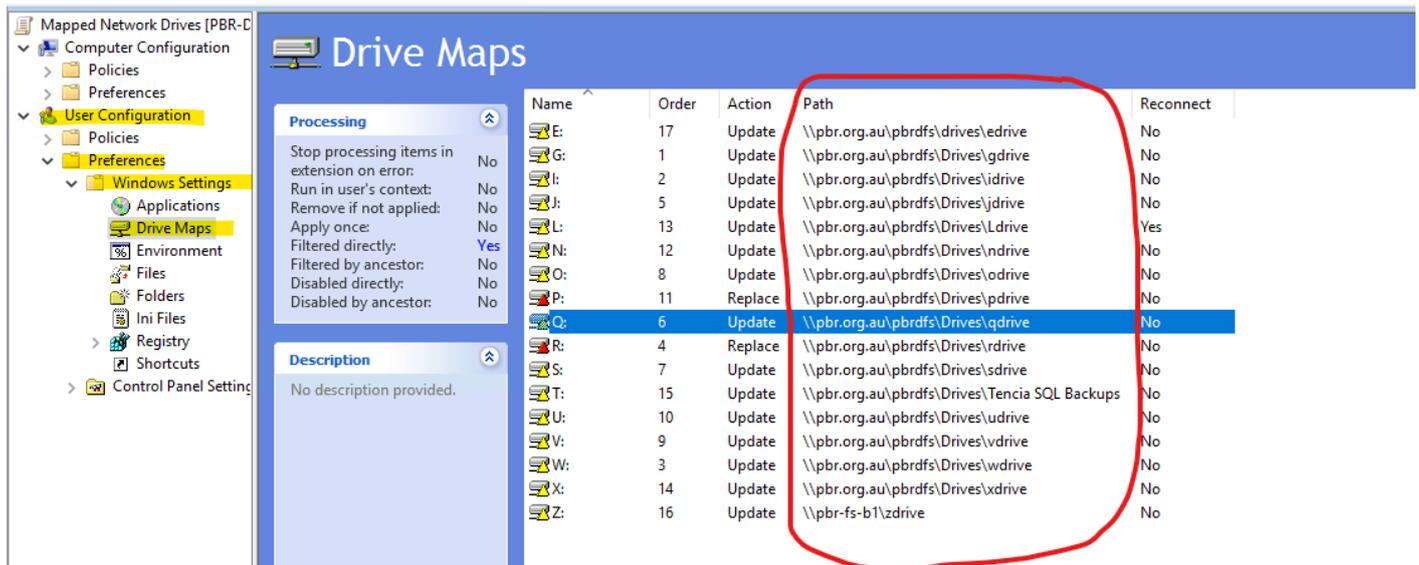
Network > pbr.org.au > pbrdfs > Drives > edrive

Name	Date modified	Type	Size
Computer management Lifecycle	18/02/2019 6:57 AM	File folder	
Documents	30/01/2024 8:22 AM	File folder	
Downloads	29/09/2018 10:41 ...	File folder	
Drawings	8/06/2022 12:22 PM	File folder	
Eagle PCB Software	8/10/2019 9:08 AM	File folder	
Electrical	22/12/2023 1:44 PM	File folder	
ElectrologIXS	22/04/2022 11:40 ...	File folder	
Emerald PA Automation	20/06/2022 10:53 ...	File folder	
Generators	6/07/2022 7:26 AM	File folder	
HXP-3 Files	24/01/2022 5:35 PM	File folder	
Level Crossing Logs	27/12/2021 9:53 AM	File folder	
Level Crossing Monitoring	8/06/2021 5:49 PM	File folder	
Level Crossings	17/12/2021 10:16 ...	File folder	
NEC MatworX	11/06/2016 4:53 PM	File folder	
Neil Lewis Pics etc	26/10/2023 8:33 AM	File folder	
NOOBS	17/09/2019 9:02 AM	File folder	
pbr-mdt-kl1 updates	30/11/2018 2:58 PM	File folder	
Pictures	31/07/2021 1:13 PM	File folder	
Putty	20/02/2018 3:42 PM	File folder	
Radios	2/10/2023 3:02 PM	File folder	
Raspian	29/11/2019 9:30 AM	File folder	
Relays	22/07/2022 12:06 ...	File folder	
ScreenCaptureFastStone	9/03/2017 12:37 PM	File folder	
Telephony	4/04/2023 10:13 AM	File folder	
USB Dump 2018 02 01	1/02/2018 5:53 PM	File folder	
VLine inv	11/05/2020 10:12 ...	File folder	
VYOS_VYATTA_configs	10/06/2016 5:30 PM	File folder	
3track	15/04/2013 10:36 ...	Application	24 KB
20161209-Beaconsfield-Rd	9/12/2016 2:42 PM	Text Document	34 KB
check_windows_ten	4/09/2017 3:00 PM	Windows Comma...	7 KB

Network mapped drives are set through Group Policy. The group Policy object which sets this is "Mapped Network Drives". Please ignore the other GPOs labelled Mapped Drives, these are legacy.



The Mapped drive will all reference DFS paths as shown below:



Revision #4

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