

Server Name	IPv4 Address	Manageability
AD01-DAVID	10.0.5.5	Online - Performance counters not started
DFS1-DAVID	10.0.5.16	Online - Performance counters not started
DFS2-DAVID	10.0.5.17	Online - Performance counters not started
MGMT01-DAVID	10.0.5.10	Online - Performance counters not started

```

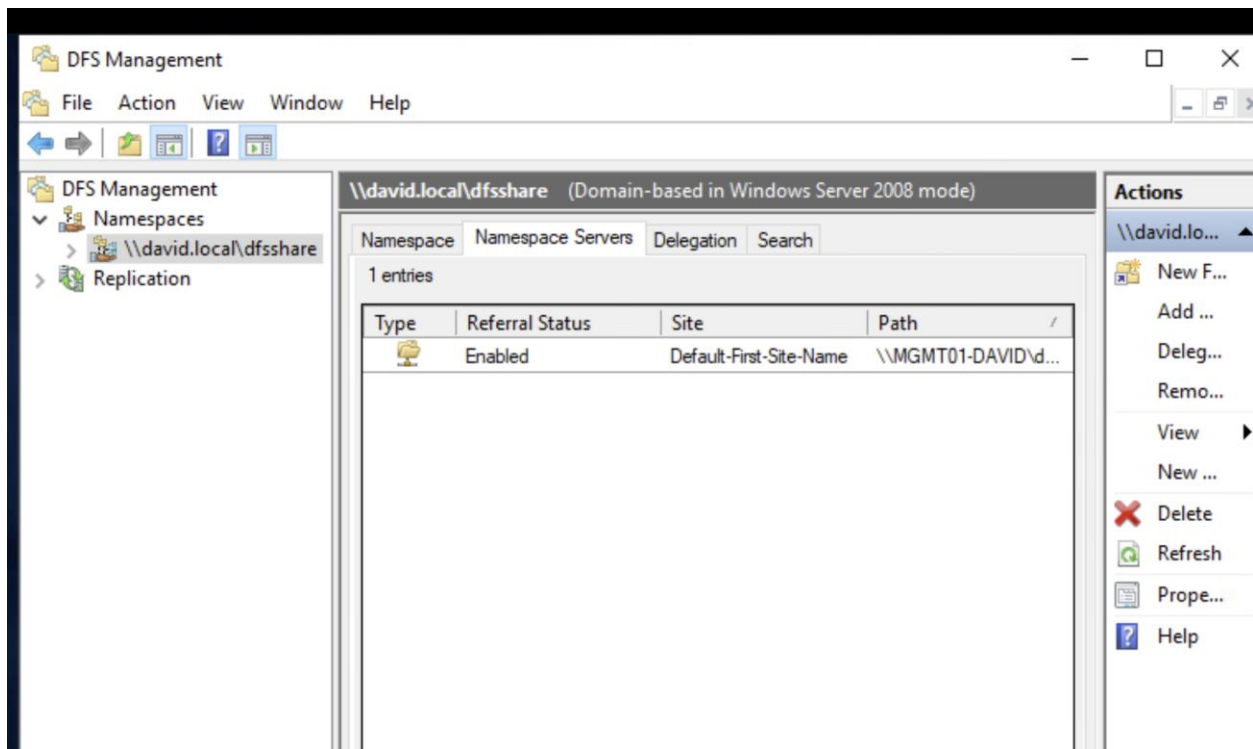
Windows PowerShell
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PS C:\Users\david-thomsen-adm> dir \\dfs1-david\dfs1\
PS C:\Users\david-thomsen-adm> echo "TESTFILE DFS1">\\dfs1-david\dfs1\dfs1.txt
PS C:\Users\david-thomsen-adm> dir \\dfs2-david\dfs2\
PS C:\Users\david-thomsen-adm> echo "TESTFILE DFS2">\\dfs2-david\dfs2\dfs2.txt
PS C:\Users\david-thomsen-adm> cat \\dfs2-david\dfs2\dfs2.txt
TESTFILE DFS2
PS C:\Users\david-thomsen-adm> cat \\dfs1-david\dfs1\dfs1.txt
TESTFILE DFS1
PS C:\Users\david-thomsen-adm> hostname
wks01-david
PS C:\Users\david-thomsen-adm> pwd

Path
----
C:\Users\david-thomsen-adm

PS C:\Users\david-thomsen-adm> whoami
david\david-thomsen-adm
PS C:\Users\david-thomsen-adm>

```



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PS C:\Users\david-thomsen-adm> echo "DFSSHARE FILE 1" >> \\david.local\dfsshare\SYS265\dfs-share1.txt
PS C:\Users\david-thomsen-adm> ls \\david.local\dfsshare\SYS265

Directory: \\david.local\dfsshare\SYS265

Mode                LastWriteTime         Length Name
----                -
-a----           3/5/2022   4:06 PM             104 dfs-share1.txt
-a----           3/5/2022   3:29 PM              32 dfs1.txt

PS C:\Users\david-thomsen-adm> ls \\dfs1-david\dfs1

Directory: \\dfs1-david\dfs1

Mode                LastWriteTime         Length Name
----                -
-a----           3/5/2022   4:06 PM             104 dfs-share1.txt
-a----           3/5/2022   3:29 PM              32 dfs1.txt

PS C:\Users\david-thomsen-adm> ls \\dfs2-david\dfs2

Directory: \\dfs2-david\dfs2

Mode                LastWriteTime         Length Name
----                -
-a----           3/5/2022   4:06 PM             104 dfs-share1.txt
-a----           3/5/2022   3:29 PM              32 dfs1.txt

PS C:\Users\david-thomsen-adm>

```

```
Windows PowerShell
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PS C:\Users\david-thomsen-adm> ls \\dfs2-david\dfs2

Directory: \\dfs2-david\dfs2

Mode                LastWriteTime         Length Name
----                -
-a----            3/5/2022   4:06 PM           104 dfs-share1.txt
-a----            3/5/2022   3:29 PM           32 dfs1.txt

PS C:\Users\david-thomsen-adm> ls \\david.local\dfsshare\SYS265

Directory: \\david.local\dfsshare\SYS265

Mode                LastWriteTime         Length Name
----                -
-a----            3/5/2022   4:06 PM           104 dfs-share1.txt
-a----            3/5/2022   3:29 PM           32 dfs1.txt

PS C:\Users\david-thomsen-adm> ls \\dfs1-david\dfs1
ls : Cannot find path '\\dfs1-david\dfs1' because it does not exist.
At line:1 char:1
+ ls \\dfs1-david\dfs1
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (\\dfs1-david\dfs1:String) [Get-ChildItem], ItemNotFoundException
+ FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.GetChildItemCommand
```

Deliverable 5.

a) Explain briefly why DFS1's local share is down and DFS2's share & the DFS share are online?

DFS1's Local share is down as it cannot communicate with MGMT01 where the DFS is being hosted. This is also why the DFS share is online, MGMT01 is still up and running which is where the Share is.

b) Also briefly explain why when the dfs share is initially assessed that only one of your test files appears? (2 pt.)

Honestly I do not really know.

```
Windows PowerShell
PS C:\Users\david-thomsen-adm> echo "DFS TEST 2 ON DFS2" >> \\dfs2-david\dfs2\dfs2-test2.txt
PS C:\Users\david-thomsen-adm> ls \\dfs2-david\dfs2

Directory: \\dfs2-david\dfs2

Mode                LastWriteTime         Length Name
----                -
-a----            3/5/2022   4:06 PM           104 dfs-share1.txt
-a----            3/5/2022   3:29 PM           32 dfs1.txt
-a----            3/5/2022   4:19 PM           42 dfs2-test2.txt

PS C:\Users\david-thomsen-adm> ls \\david.local\dfsshare\sys265

Directory: \\david.local\dfsshare\sys265

Mode                LastWriteTime         Length Name
----                -
-a----            3/5/2022   4:06 PM           104 dfs-share1.txt
-a----            3/5/2022   3:29 PM           32 dfs1.txt
-a----            3/5/2022   4:19 PM           42 dfs2-test2.txt

PS C:\Users\david-thomsen-adm> echo "Dfs1 has been reconnectd"
Dfs1 has been reconnectd
```

```
PS C:\Users\david-thomsen-adm> ls \\dfs1-david\dfs1

Directory: \\dfs1-david\dfs1

Mode                LastWriteTime         Length Name
----                -
-a----            3/5/2022   4:06 PM           104 dfs-share1.txt
-a----            3/5/2022   3:29 PM           32 dfs1.txt
-a----            3/5/2022   4:19 PM           42 dfs2-test2.txt
```