

Honor.Verse Enterprise Server Deployment

Full Technical Documentation

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This document contains the complete technical documentation including configuration steps, server administration processes, and annotated screenshots.

G_TreeCats: Users Added to Groups

The screenshot displays three windows illustrating the process of adding users to a group:

- Active Directory Domain Services**: A modal window titled "The Add to Group operation was successfully completed." with an "OK" button.
- File Explorer**: A file named "cvusers.csv" is shown, containing the following CSV data:

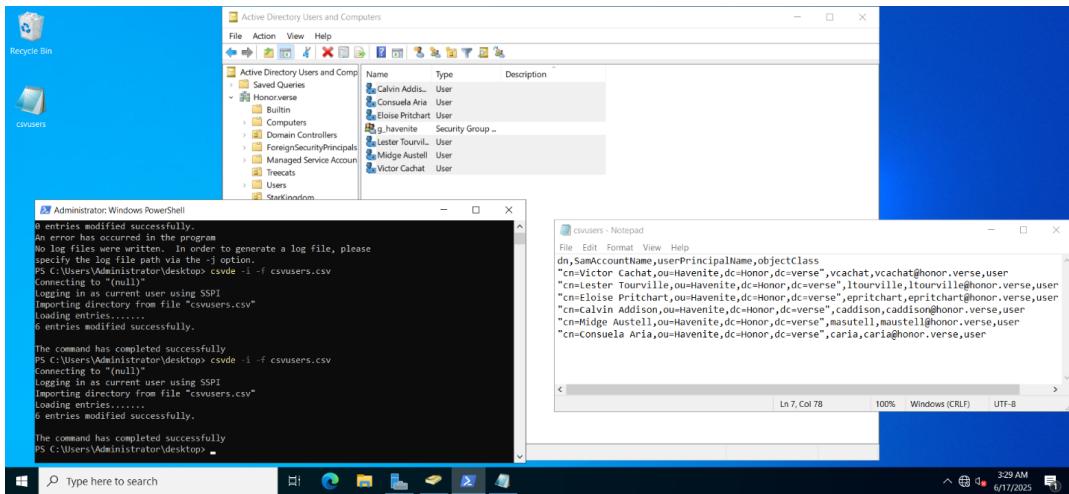
Name	Type	Description
Ariel	User	
Dianchect	User	
Farragut	User	
g_treecats	Security Group	group for the treecats ou
Lionheart	User	
Monroe	User	
Nimitz	User	

g_StarKingdom: CSV Proper File Execution

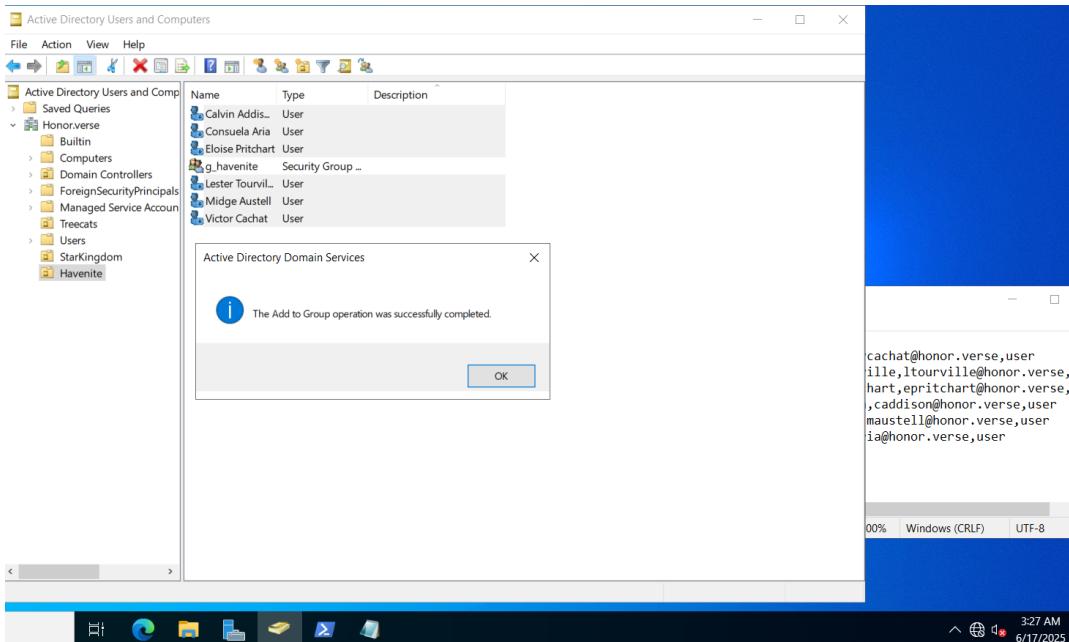
The screenshot shows the execution of a CSV file to update Active Directory users:

- Administrator: Windows PowerShell**: The command `Import-CSV .\cvusers.csv | Add-Member -InputObject \$_ -MemberType NoteProperty -Name department -Value "Trekkies" | Set-ADUser` is run, resulting in 6 entries modified successfully.
- Active Directory Users and Computers**: A list of users in the "StarKingdom" OU, including Alice Truman, Andrew LaFoe, Carolyn Wolcott, g.StarKingdom, Honor Harrington, Mark Sarrow, and Scotty Tremain.
- Administrator: Windows PowerShell**: The command `Import-CSV .\cvusers.csv | Add-Member -InputObject \$_ -MemberType NoteProperty -Name department -Value "Trekkies" | Set-ADUser` is run again, resulting in 6 entries modified successfully.
- Notepad**: The "cvusers.csv" file is displayed, showing the CSV data used for the update.

g_Havenite: CSV Proper File Execution



g_Havente: User Added to Group



DHCP Server: Assigning Local Server Roles

```

Administrator: C:\Windows\system32\cmd.exe
Add-dhcpserver : The term 'Add-dhcpserver' is not recognized as the name of a cmdlet, function, script file, or
operable program. Check the spelling of the name, or if a path was included, verify that the path is correct and try
again.
At line:1 char:1
+ Add-dhcpserver -dnsname ManticoreDr.Honor.verse -ipaddress 172.16.66. ...
+ ~~~~~~ + Add
+ Category1 + FullyQualified
nfo : ObjectNotFound : (Add-dhcpserver:String) [], CommandNotFoundException
+ Category1
nfo : ObjectNotFound : (Add-dhcpserver:String) [], CommandNotFoundException
PS C:\Users\Administrator.HONOR> add-dhcpserver\Indc -dnsname ManticoreDR.Honor.verse -ipaddress 172.16.66.102
PS C:\Users\Administrator.HONOR> Get-dhcpserver\Indc

IPAddress DnsName
----- -----
172.16.66.102 manticoredr.honor.verse

PS C:\Users\Administrator.HONOR> Get-windowsfeature

Display Name Name Install State
----- -----
[ ] Active Directory Certificate Services AD-Certificate Available
[ ] Certification Authority ADCS-Cert-Authority Available
[ ] Certificate Enrollment Policy Web Service ADCS-Enroll-Web-Pol Available
[ ] Certificate Enrollment Web Service ADCS-Enroll-Web-Svc Available
[ ] Certification Authority Web Enrollment ADCS-Web-Enrollment Available
[ ] Network Device Enrollment Service ADCS-Device-Enrollment Available
[ ] Remote Helpdesk Service ADCS-Remote-Helpdesk Available
[X] Active Directory Domain Services AD-Domain-Services Installed
[ ] Active Directory Federation Services ADFS-Federation Available
[ ] Active Directory Lightweight Directory Services ADLDS Available
[ ] Active Directory Rights Management Services AD RMS Available
[ ] Active Directory Rights Management Server AD RMS-Server Available
[ ] Identity Federation Support AD RMS-Identity Available
[ ] Device Health Attestation DeviceHealthAttestation...
[X] DHCP Server DHCP Installed
[X] DNS Server DNS Installed
[X] File and Storage Services FileAndStorage-Services Installed
[ ] File and iSCSI Services File-Services Installed
[ ] File and iSCSI Target Server FS-File-Service Installed
[ ] BranchCache for Network Files FS-BranchCache Available
[ ] Data Deduplication FS-Data-Deduplication Available
[ ] DFS Namespaces FS-DFS-Namespace Available
[ ] DFS Replication FS-DFS-Replication Available
[ ] File Server Resource Manager FS-Resource-Manager Available
[ ] File Server VSS Agent Service FS-VSS-Agent Available
[ ] iSCSI Target Server FS-iSCSITarget-Server Available

PS C:\Users\Administrator.HONOR>

```

Command Prompt: Server Ping Test

```

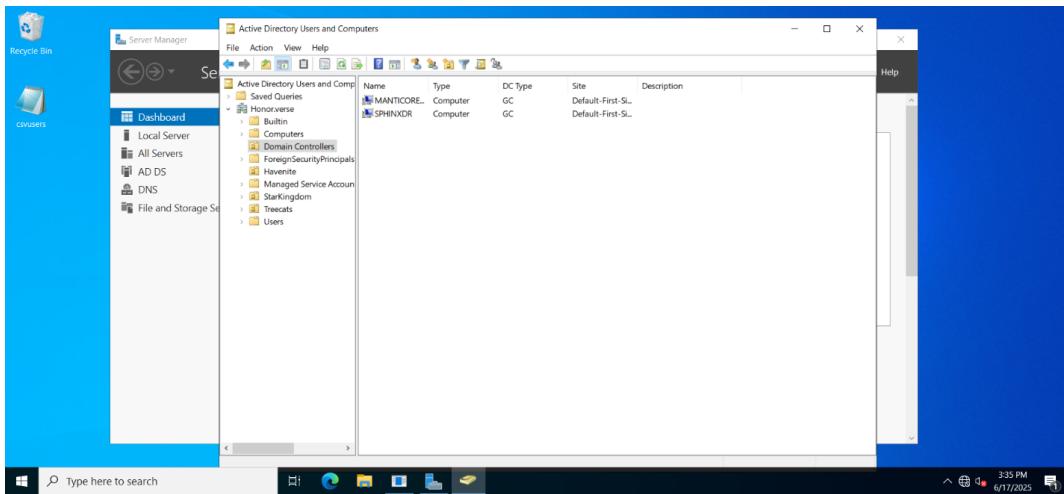
PS C:\Users\Administrator.HONOR> ping Sphinx0R

Pinging Sphinx0R.Honor.verse [172.16.66.101] with 32 bytes of data:
Reply from 172.16.66.101: bytes=32 time<1ms TTL=128

Ping statistics for 172.16.66.101:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms
PS C:\Users\Administrator.HONOR>

```

ADUC on Primary Domain Controller



Active DHCP Scope Process

```
PS C:\Users\Administrator.HONOR> get-dhcpserverinfo
IPAddress          DnsName
-----          -----
172.16.66.102      manticoredr.honor.verse

PS C:\Users\Administrator.HONOR> add-dhcpserver4scope -name "EchoDR" -StartRange 172.16.66.150 -EndRange 172.16.66.159 -subnetmask 255.255.0.0
PS C:\Users\Administrator.HONOR> Get-DHCPserver4scope
ScopeId        SubnetMask      Name      State      StartRange      EndRange      LeaseDuration
-----        -----        -----      -----      -----        -----        -----
172.16.0.0    255.255.0.0   EchoDR    Active    172.16.66.150  172.16.66.159  8.00:00:00

PS C:\Users\Administrator.HONOR> get-windowsfeature -name dhcp
Display Name          Name          Install State
-----          -----          -----
[X] DHCP Server        DHCP          Installed

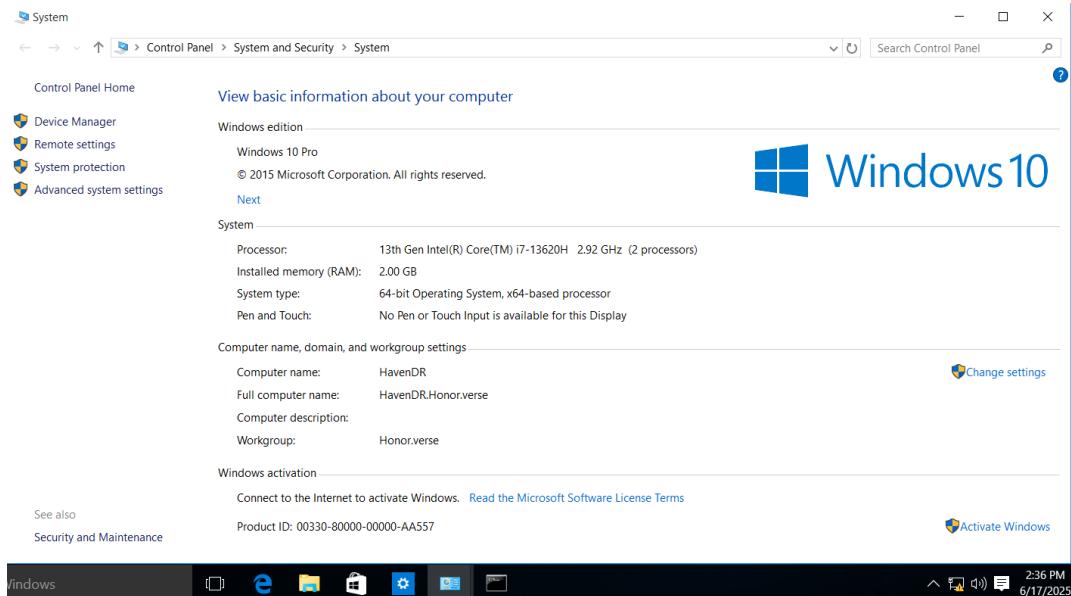
PS C:\Users\Administrator.HONOR>
```

DHCP Active Range

```
PS C:\Users\Administrator.HONOR> Get-DHCPserver4scope
ScopeId        SubnetMask      Name      State      StartRange      EndRange      LeaseDuration
-----        -----        -----      -----      -----        -----        -----
172.16.0.0    255.255.0.0   EchoDR    Active    172.16.66.150  172.16.66.159  8.00:00:00

PS C:\Users\Administrator.HONOR>
```

Client Machine Domain Configuration



Testing Connectivity

```
Administrator: C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.10240]
(c) 2015 Microsoft Corporation. All rights reserved.

C:\Windows\system32>ping sphinxDR

Pinging SphinxDR [fe80::10eb:8a00:f04:5191%3] with 32 bytes of data:
Reply from fe80::10eb:8a00:f04:5191%3: time=1ms
Reply from fe80::10eb:8a00:f04:5191%3: time=1ms
Reply from fe80::10eb:8a00:f04:5191%3: time=1ms
Reply from fe80::10eb:8a00:f04:5191%3: time=1ms

Ping statistics for fe80::10eb:8a00:f04:5191%3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 1ms, Maximum = 1ms, Average = 1ms

C:\Windows\system32>
```

DHCP Console on Windows Client

```

Administrator: C:\Windows\system32\cmd.exe
WARNING: To launch Server Configuration tool again, run "SConfig"
PS C:\Users\Administrator.HONOR> Get-DHCPServerv4Scope
ScopeId      SubnetMask     Name      State    StartRange      EndRange      LeaseDuration
----      -----     ----      ----    -----      -----      -----
172.16.0.0   255.255.0.0  EchoDR    Active   172.16.66.150  172.16.66.159  8:00:00:00

PS C:\Users\Administrator.HONOR> Get-dhcpserverv4lease -scopeID "172.16.0.0"
IPAddress    ScopeId      ClientId      HostName      AddressState      LeaseExpiryTime
-----      -----      -----      -----      -----
172.16.66.150 172.16.0.0  00-0c-29-a1-55-68  HavenDR.Honor.verse  Active      6/25/2025 5:55:13 PM

PS C:\Users\Administrator.HONOR>

```

FSRM Configuration on Local Server

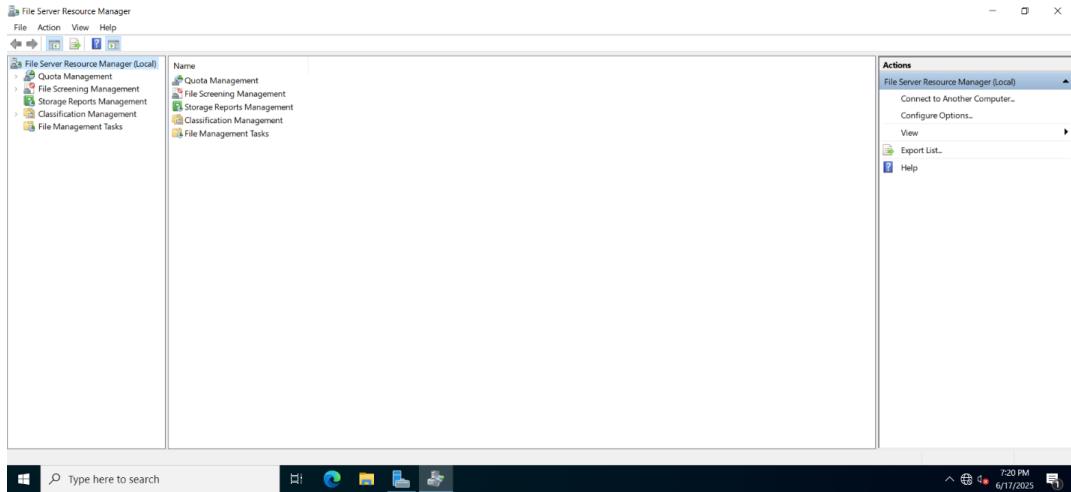
PROPERTIES
For GraysonDR

Computer name	GraysonDR	Last installed updates	Never
Domain	Honor.verse	Windows Update	Download updates only, using Windows Update
		Last checked for updates	Never
Microsoft Defender Firewall	Domain: On	Microsoft Defender Antivirus	Real-Time Protection: On
Remote management	Enabled	Feedback & Diagnostics	Settings
Remote Desktop	Disabled	IE Enhanced Security Configuration	Off
NIC Teaming	Disabled	Time zone	(UTC-05:00) Eastern Time (US & Canada)
Ethernet0	172.16.66.103, IPv6 enabled	Product ID	Not activated
Operating system version	Microsoft Windows Server 2022 Datacenter Evaluation	Processors	13th Gen Intel(R) Core(TM) i7-13620H
Hardware information	VMware, Inc. VMware Virtual Platform	Installed memory (RAM)	2 GB
		Total disk space	59.39 GB

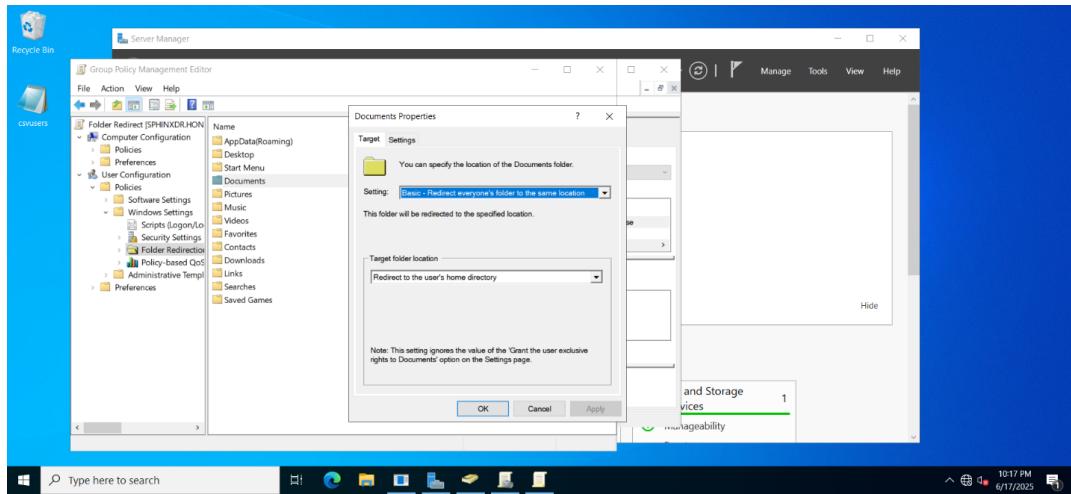
EVENTS
All events | 57 total

Server Name	ID	Severity	Source	Log	Date and Time
GRAYSONDR-8192	1	Information	Microsoft-Windows-Security-CPP	Application	6/17/2025 6:22:05 PM

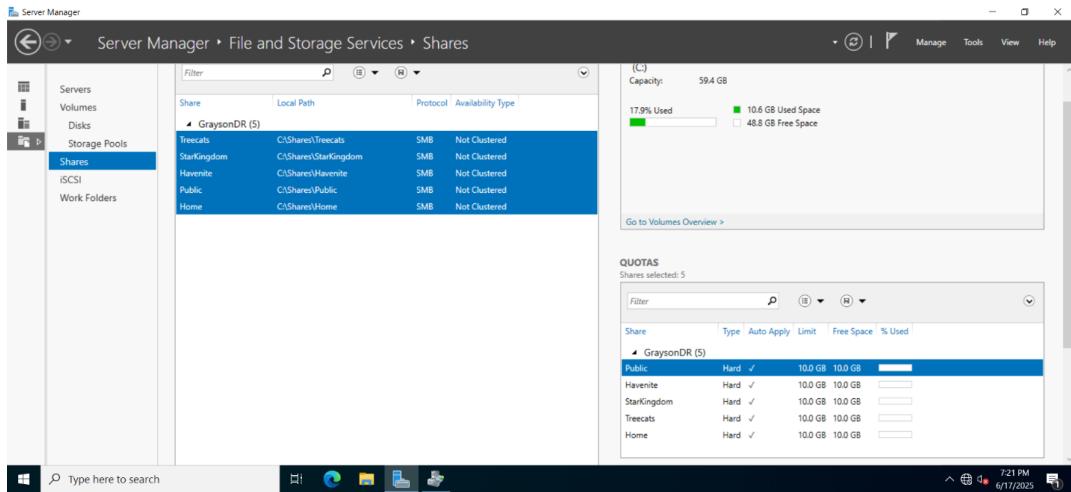
FSRM Confirmation Page



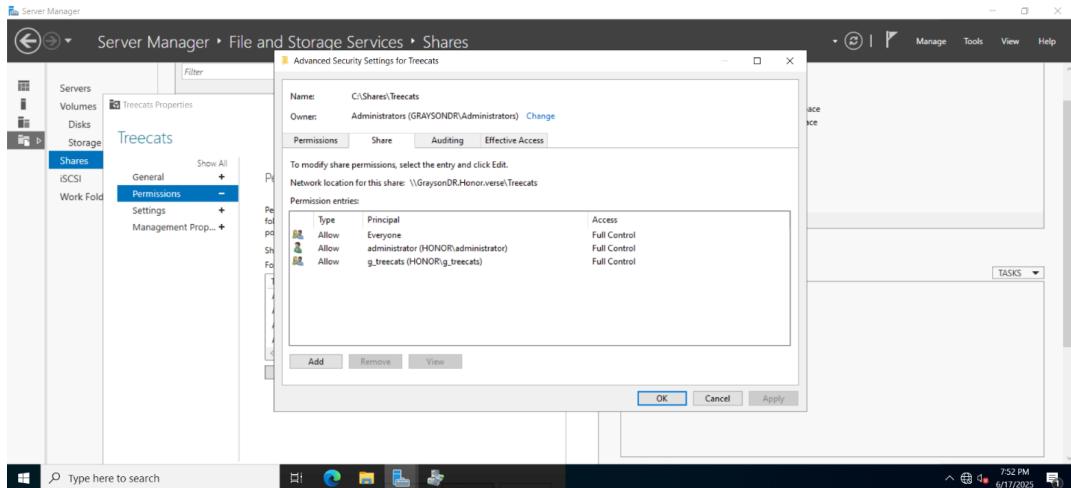
Folder Redirect on FSRM Server



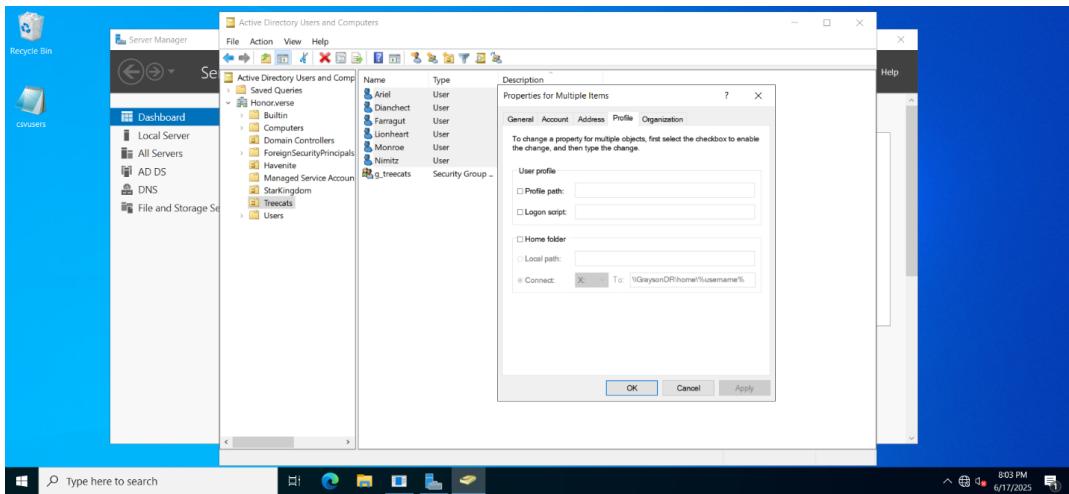
Shared Folders / Quotas Setup



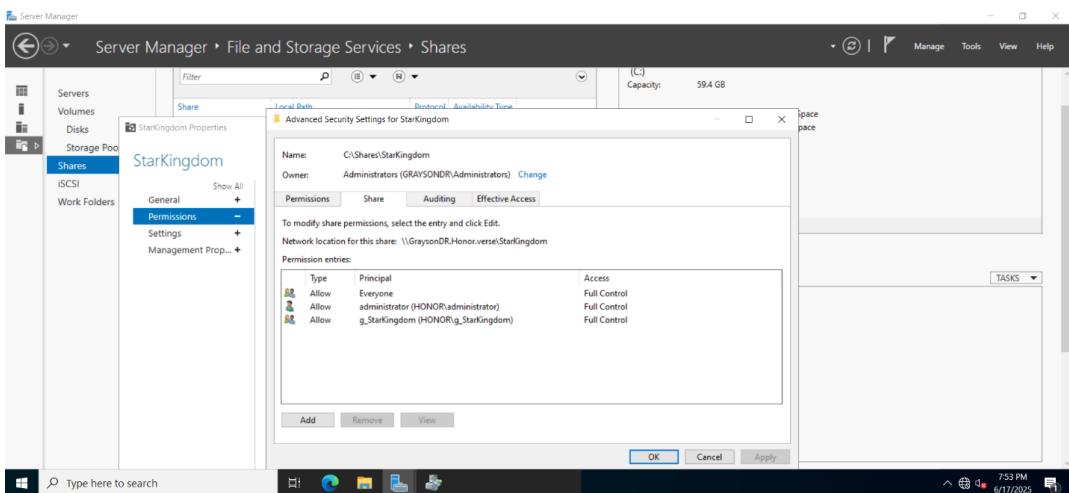
TreeCatsDR: Shared Folder Permissions



User Properties Settings



StarKingdomDR: Shared Folder Permissions



User Properties Settings

