

FINAL PROJECT

Completed Documentation

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Original Planning Document Fact Sheet

Project Information

Project Theme: Dark Souls

Domain Name: DarkSouls.bz

Server Information

Server names must include 25+ Server names must include 25+ Your Initials. e.g., Tron25DrC

- Server #1
 - Name: Lordran25JJ
 - Roles: ADDS, DNS
 - IP address: 192.168.34.1
 - Subnet Mask: 255.255.255.0
 - DNS (same as Server #1's IP): 192.168.34.1
- Server #2
 - Name: Drangleic25JJ
 - Roles: ADDS, DHCP
 - IP address: 192.168.34.3
 - Subnet Mask: 255.255.255.0
 - DNS (same as Server #1's IP): 192.168.34.1
- Server #3
 - Name: Lothric25JJ
 - Roles: FRSM
 - IP address: 192.168.34.5
 - Subnet Mask: 255.255.255.0
 - DNS (same as Server #1's IP): 192.168.34.1

Object Information (Organizational Units, Groups, Usernames, Client PC Names)

All object names should include “25SP”, e.g. John Matthews/jmatthews25SP.

Objects are OUs, Groups, Usernames, and Client PC Names

- OU#1
 - Name: RosariasFingers25SP
 - Group Name: g_rosariasfingers25SP
 - User#1: Leonhard Ringfinger / lringlefinger25SP
 - User#2: Klimt Archdeacon / karchdeacon25SP
 - User#3: Heysel Yellowfinger / hyellowfinger25SP
- OU#2
 - Name: ForestHunters25SP
 - Group Name: g_foresthunters25SP
 - User#1: Alvina Darkroot / adarkroot25SP
 - User#2: Shiva East / seast25SP
 - User#3: Forest Mage / fimage25SP
- OU#3
 - Name: DarkmoonBlades25SP
 - Group Name: g_darkmoonblades25SP
 - User#1: Gwyndolin Darksun / gdarksun25SP
 - User#2: Darkmoon Knightess / dknightess25SP
 - User#3: Sirris Sunless / ssunless25SP

Client Information

- Name: Bonfire25SP
- OS: Windows 10
- IP Address: DHCP

DHCP Scope:

- Name: FirelinkShrine
- IP Address Range: 192.168.34.61-192.168.34.54
- Subnet Mask: 255.255.255.0

Network Shares

- Share #1
 - Name: RosariasFingers
- Share #2
 - Name: ForestHunters
- Share #3
 - Name: Darkmoon Blades

Network Equipment

2 Switches & 1 Router

Network & ADDS Diagram

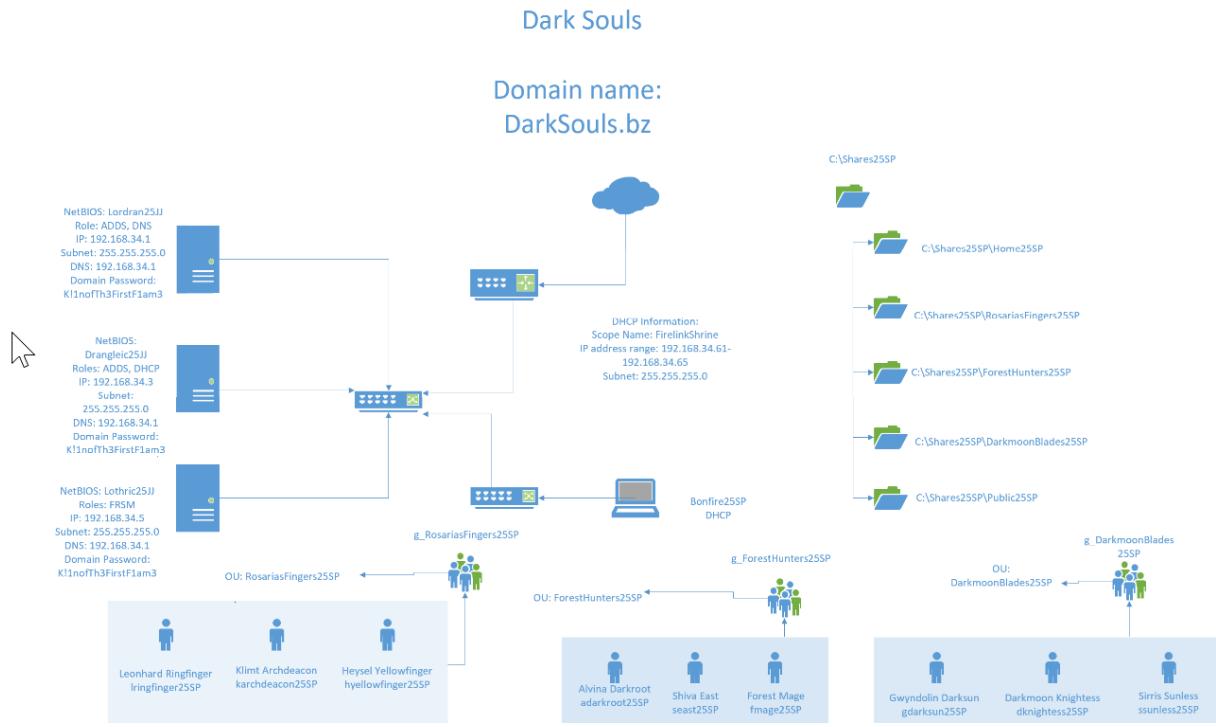


Figure 1: Network & ADDS Diagram

ADDS Server

ADDS and Domain Installation

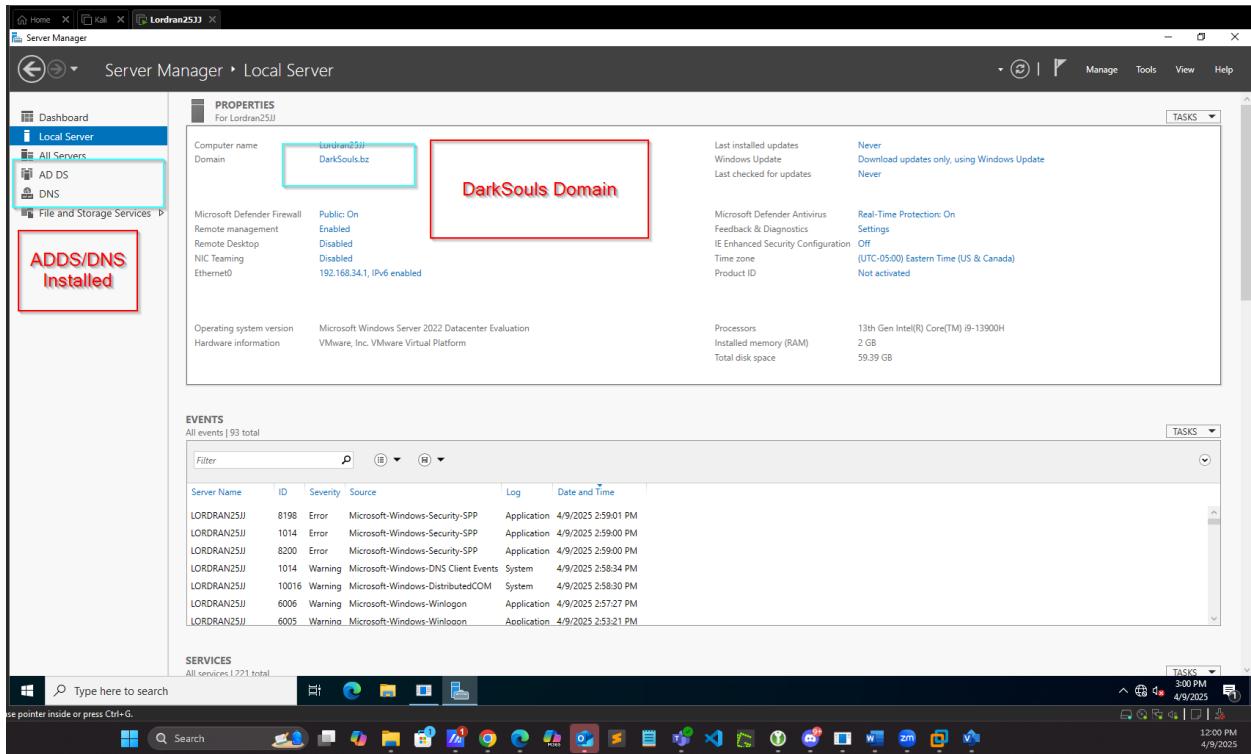


Figure 2: ADDS/DNS is installed and part of the domain

Organizational Units

RosariasFingers25SP

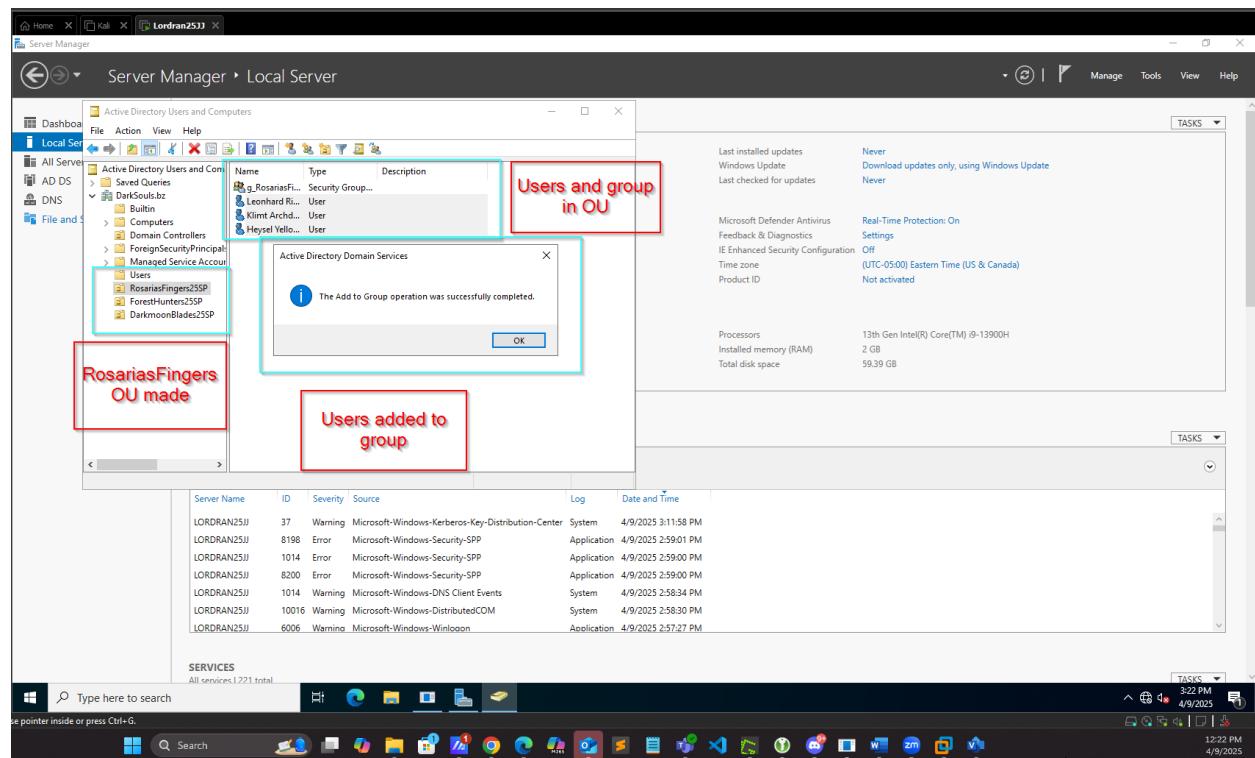


Figure 3: RosariasFingers25SP OU, Users, and Group Promotion

ForestHunters25SP

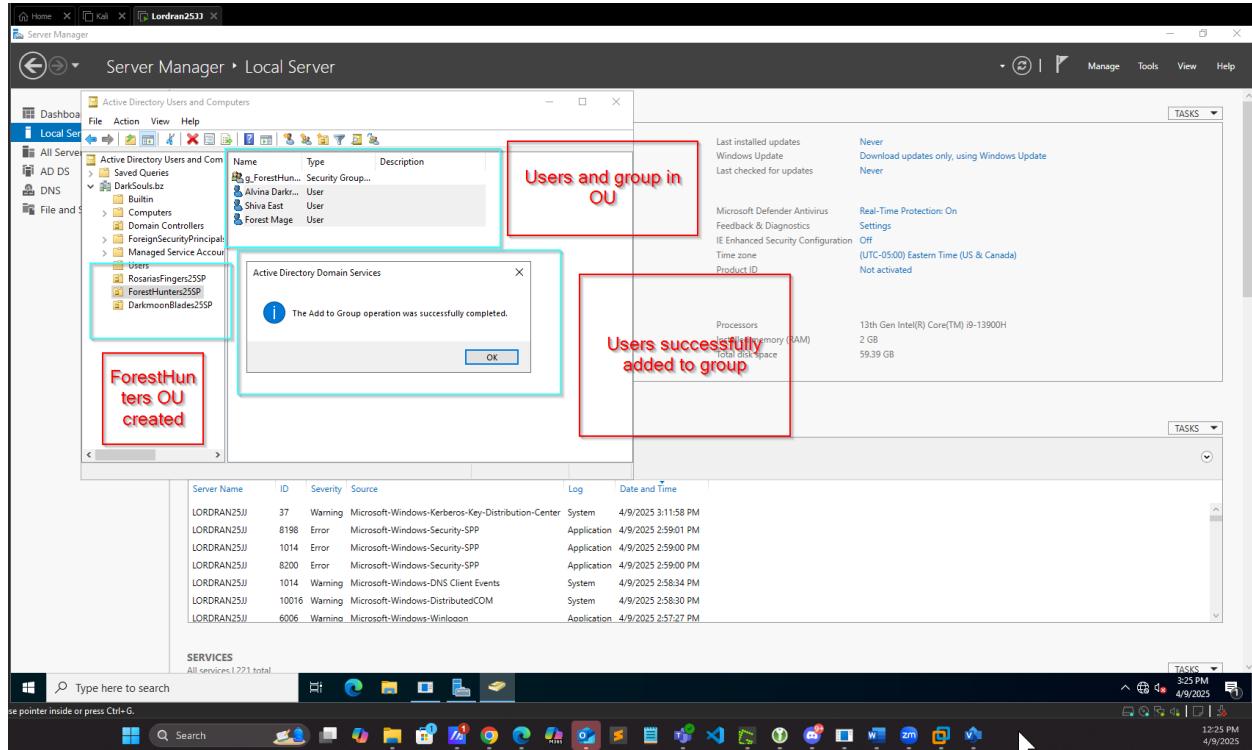


Figure 4: ForestHunters25SP OU, Users, and Group Promotion

DarkmoonBlades25SP

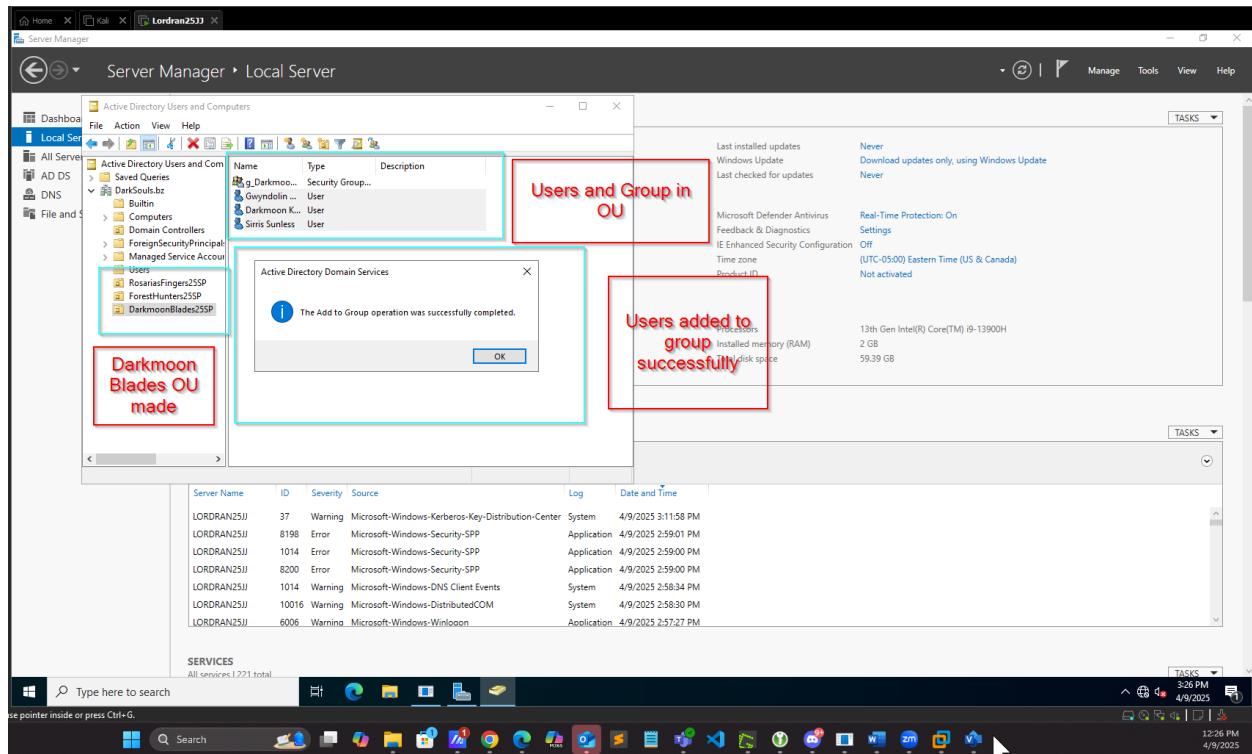


Figure 5: DarkmoonBlades25SP OU, Users, and Group Promotion

DHCP Server

DHCP and Domain Installation

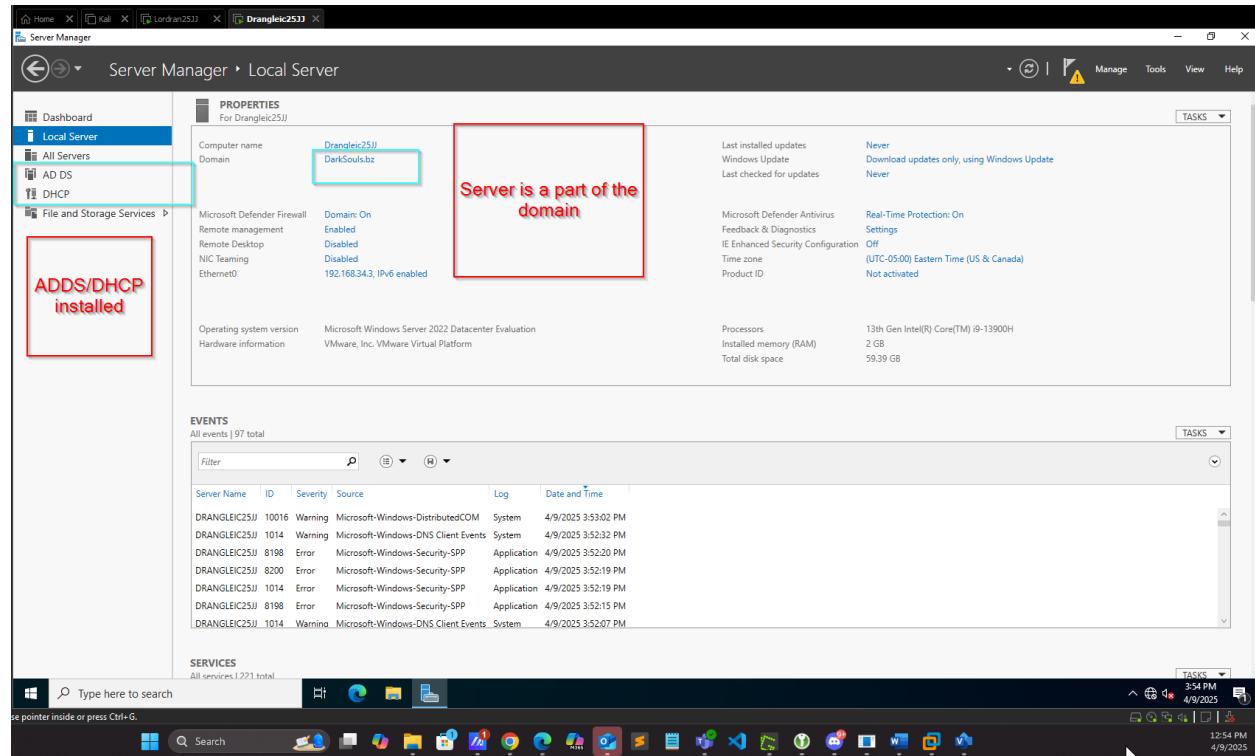
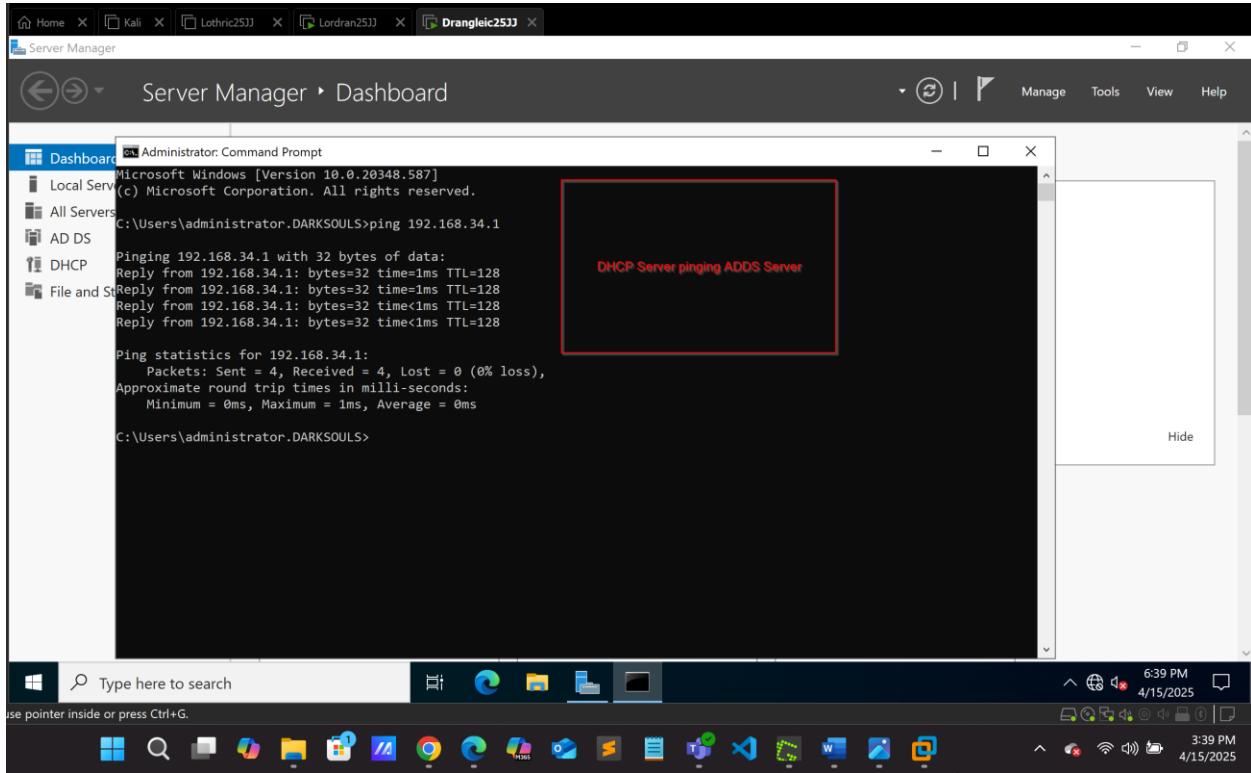


Figure 6: DHCP Server has ADDS/DHCP installed and is part of the domain

Ping Testing Between DHCP and ADDS



The screenshot shows a Windows Server 2022 desktop environment. At the top, there is a taskbar with several open windows: Home, Kali, Lothric25JJ, Lordran25JJ, and Drangleic25JJ. Below the taskbar is the Server Manager dashboard, which includes links for Dashboard, Local Services, All Servers, AD DS, and DHCP. A Command Prompt window titled "Administrator: Command Prompt" is open in the foreground. The command entered is "ping 192.168.34.1". The output of the ping command is displayed, showing four successful replies from the ADDS server at 192.168.34.1. A red rectangular box highlights the text "DHCP Server pinging ADDS Server" in the command output. The desktop background is black, and the system tray at the bottom right shows the date and time as 4/15/2025.

```
C:\Users\administrator.DARKSOULS>ping 192.168.34.1

Pinging 192.168.34.1 with 32 bytes of data:
Reply from 192.168.34.1: bytes=32 time=1ms TTL=128
Reply from 192.168.34.1: bytes=32 time=1ms TTL=128
Reply from 192.168.34.1: bytes=32 time<1ms TTL=128
Reply from 192.168.34.1: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.34.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\Users\administrator.DARKSOULS>
```

Figure 7: DHCP Server pinging ADDS Server

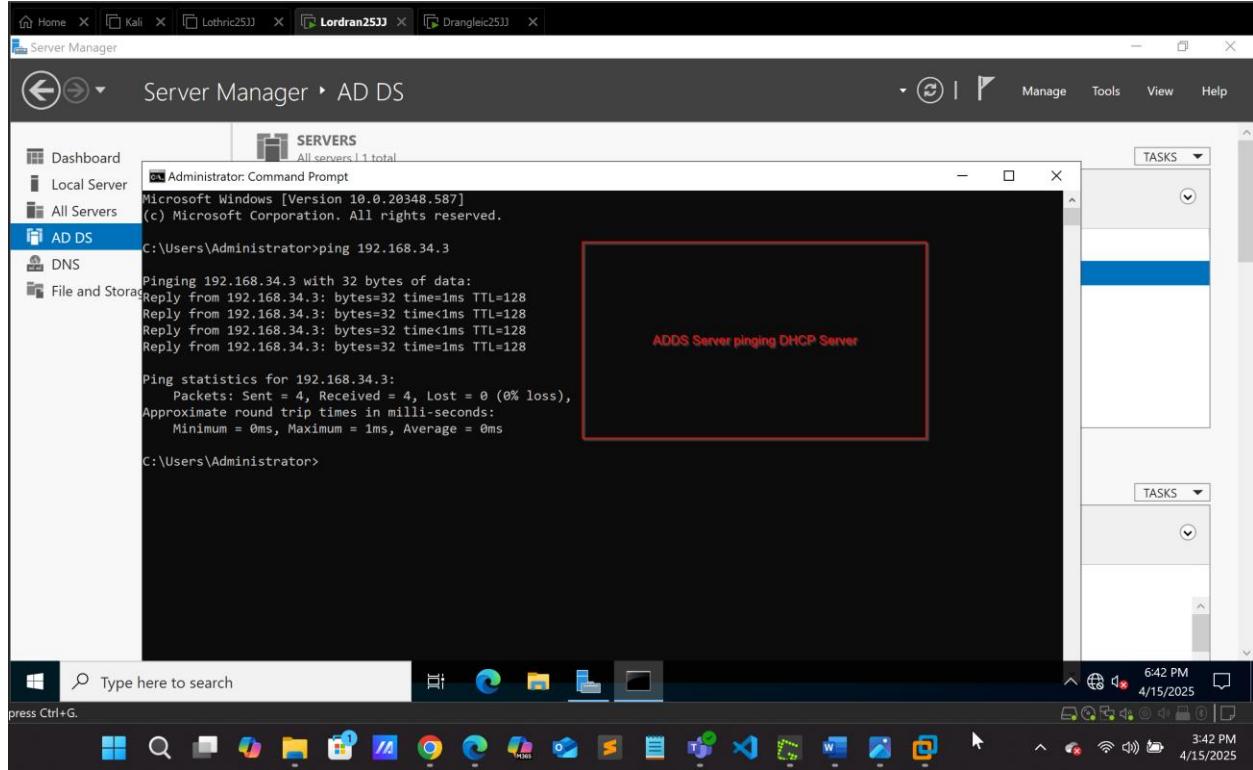


Figure 8: ADDS Server pinging DHCP Server

Domain Controllers

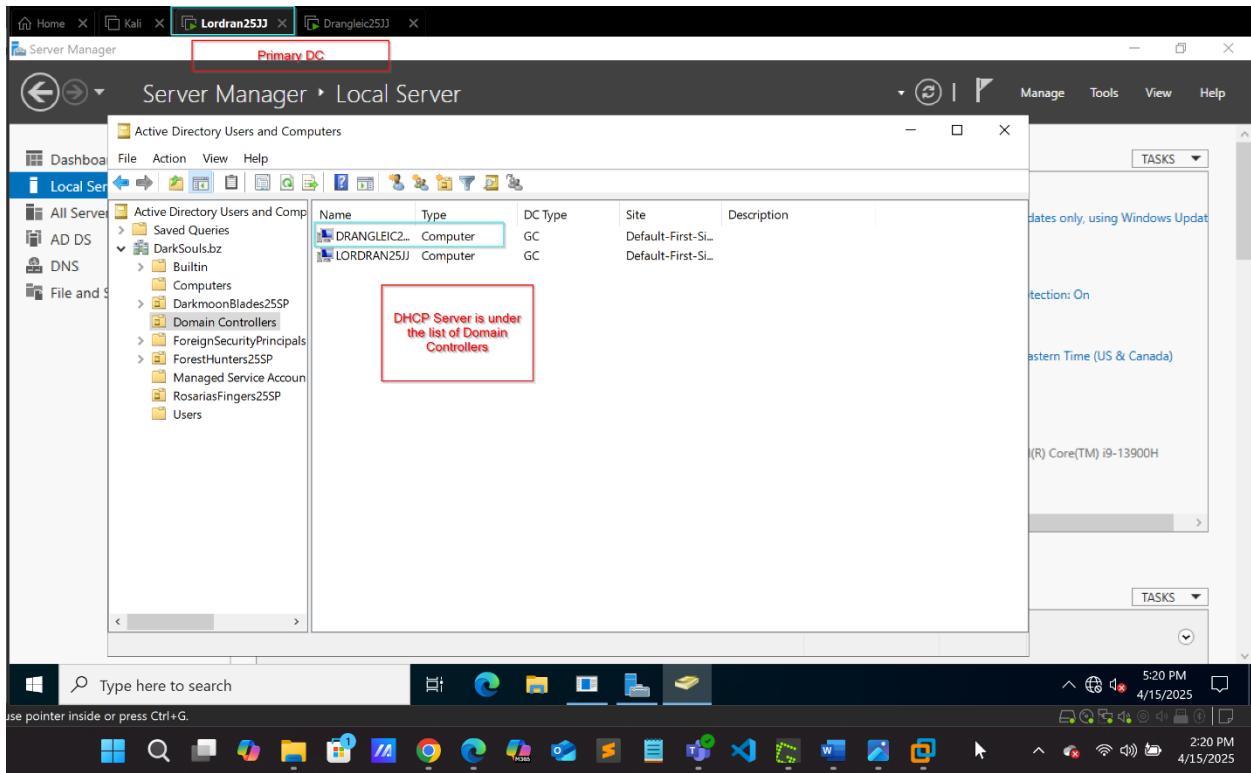


Figure 9: DHCP Server is under the list of Domain Controllers under the main DC

DHCP Scope Range

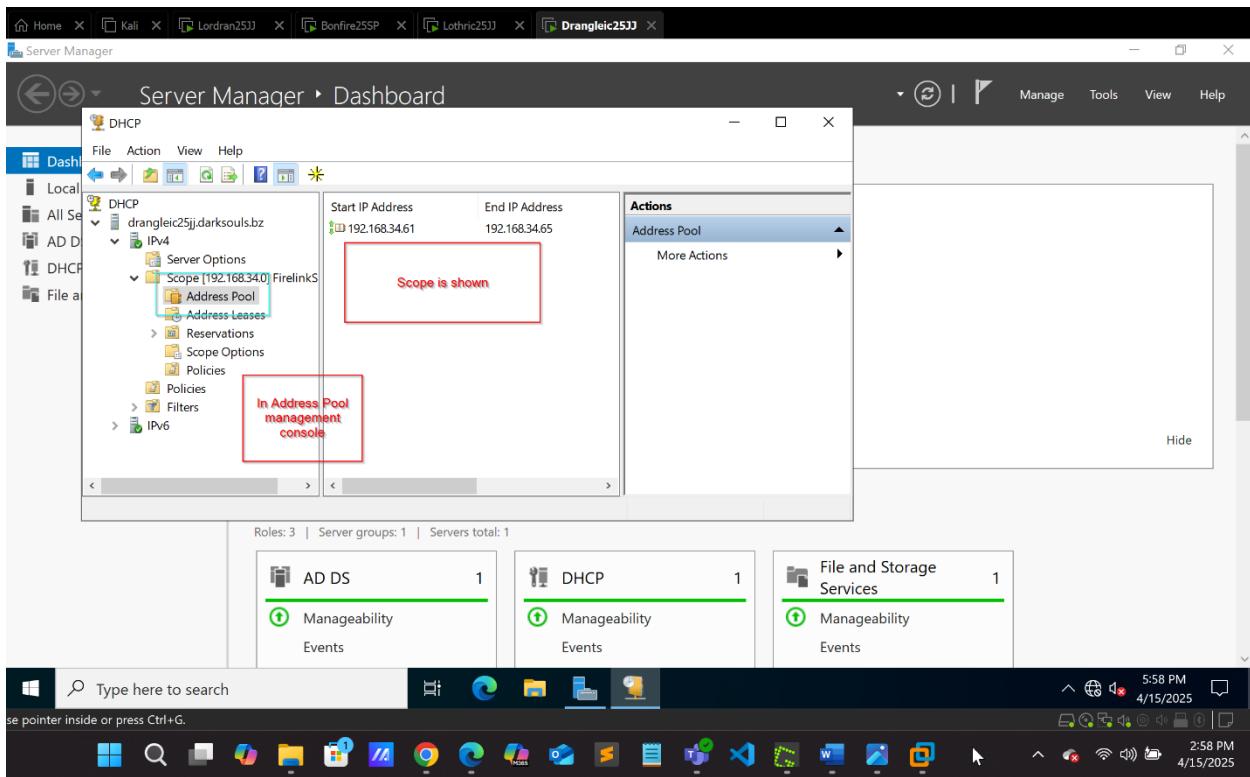


Figure 10: DHCP Server's Address Pool Range

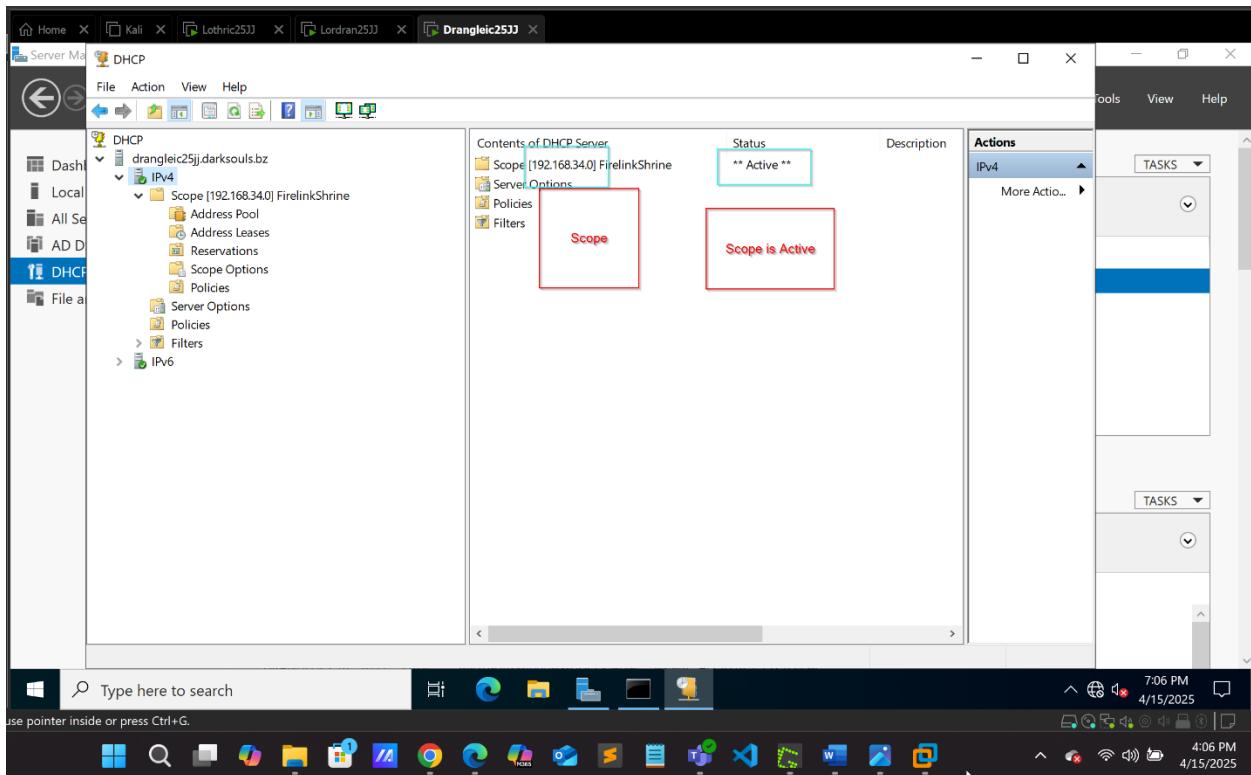


Figure 11: DHCP Scope Active and Range

Client Machine

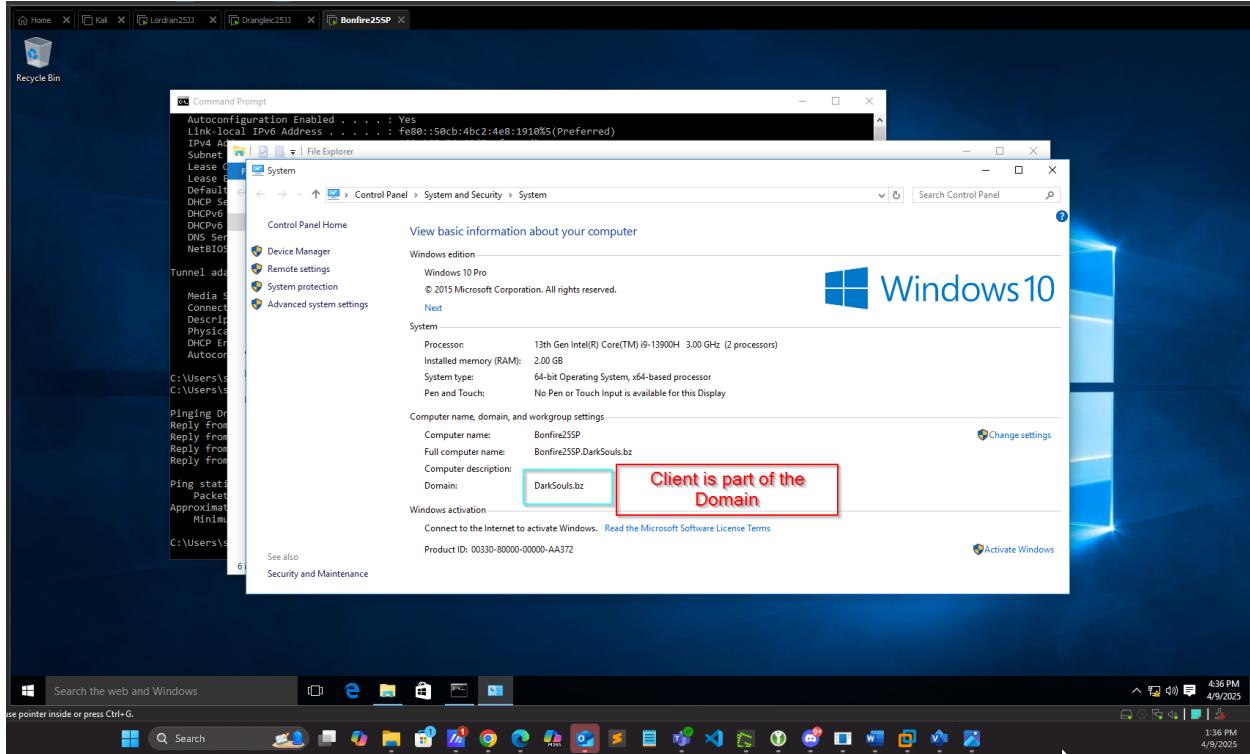


Figure 12: Client Machine is connected to the Domain

Client Pulling DHCP Address

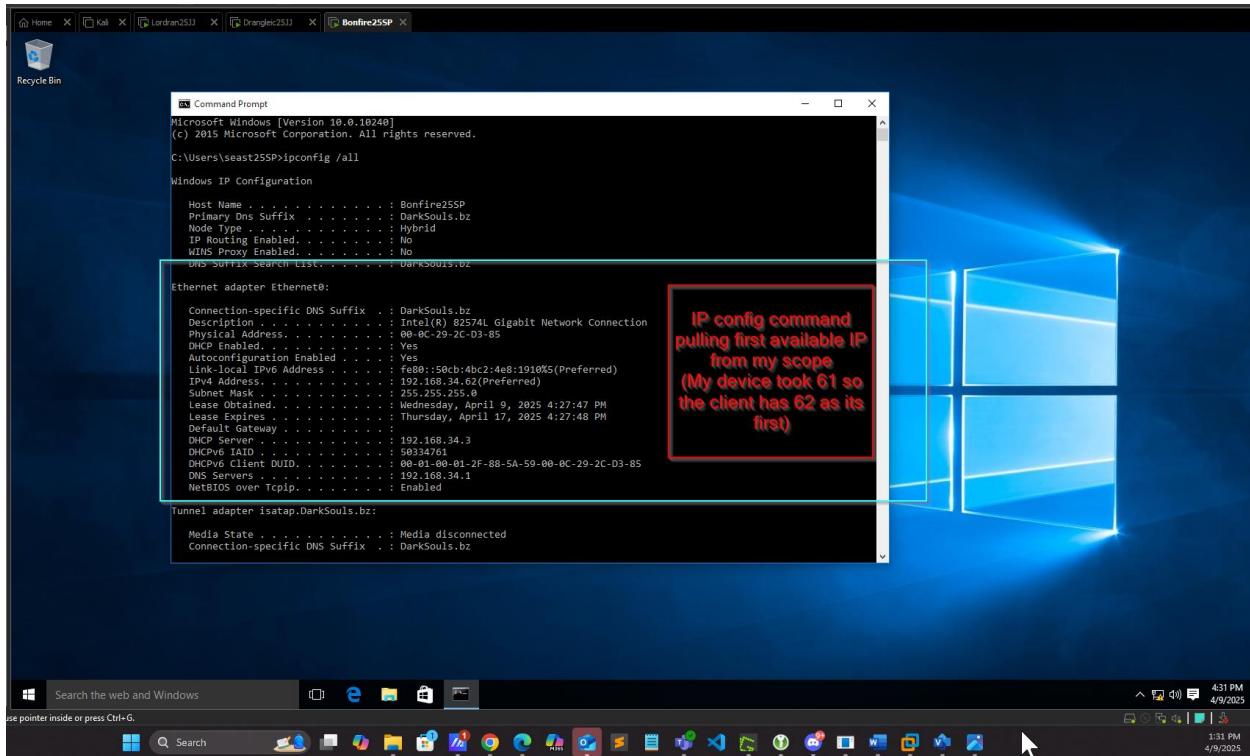


Figure 13: Client Machine is pulling IP from DHCP Scope

File Server

FRSM Installed

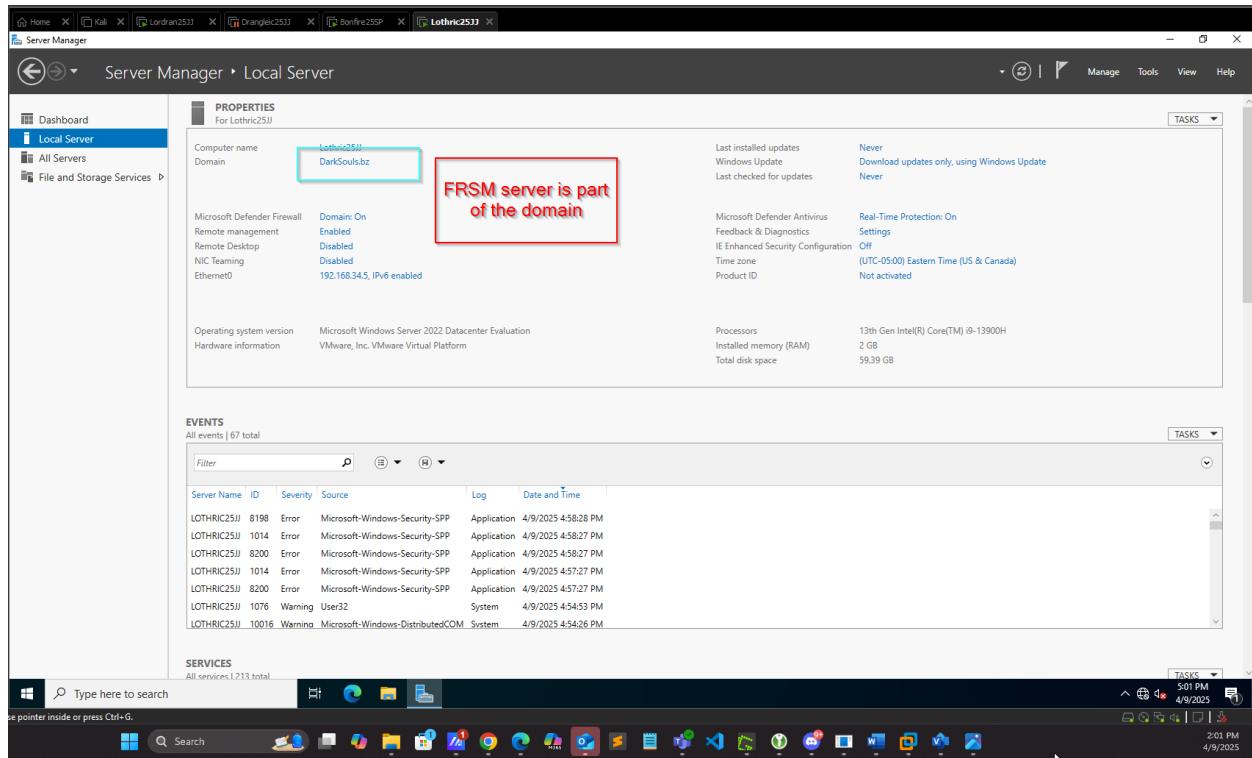


Figure 14: FRSM Server is part of the Domain

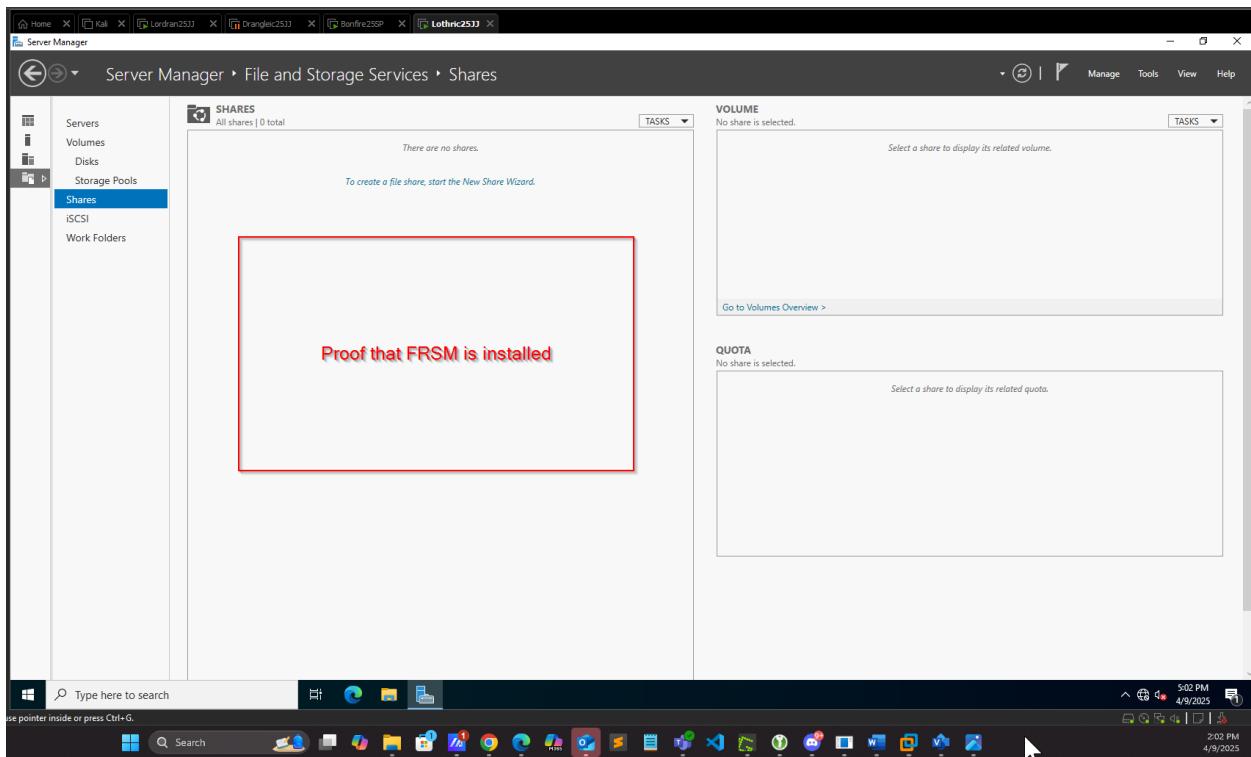


Figure 15: FRSM is installed on the server

Shared Folders

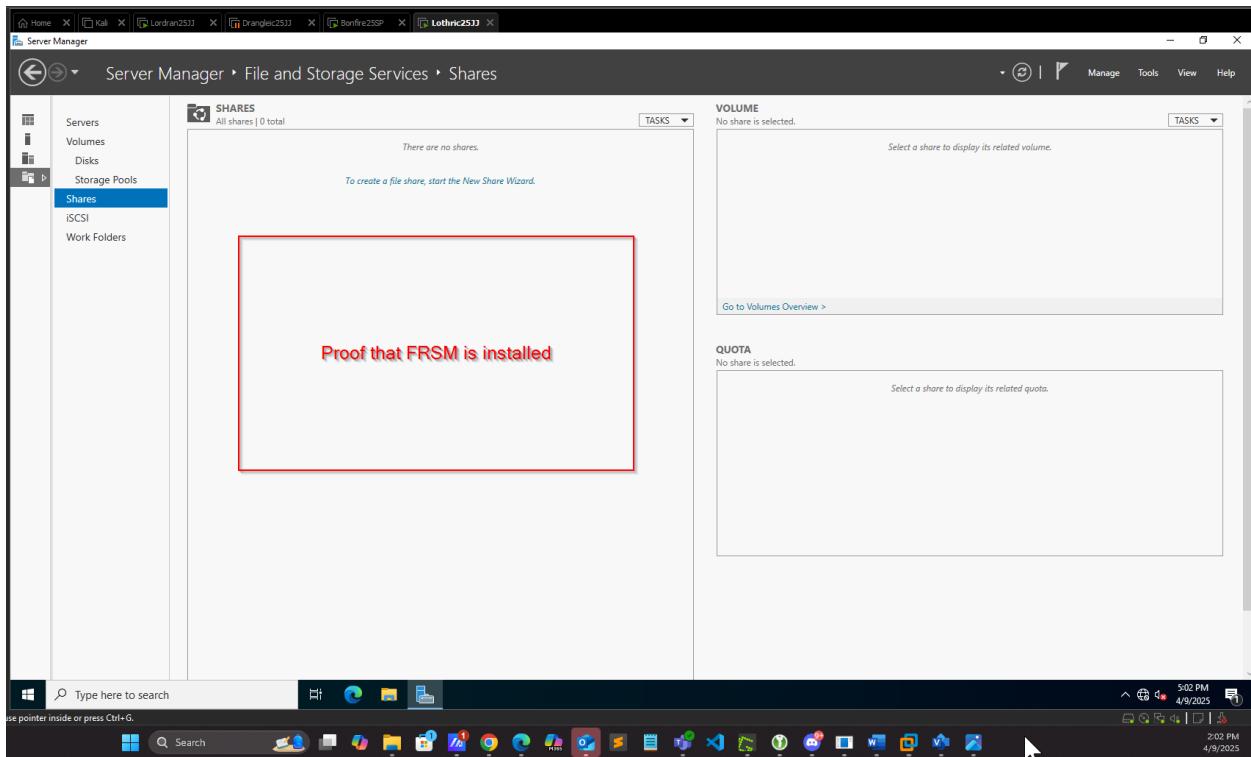


Figure 16: FRSM is installed

Folders on File Server and Client

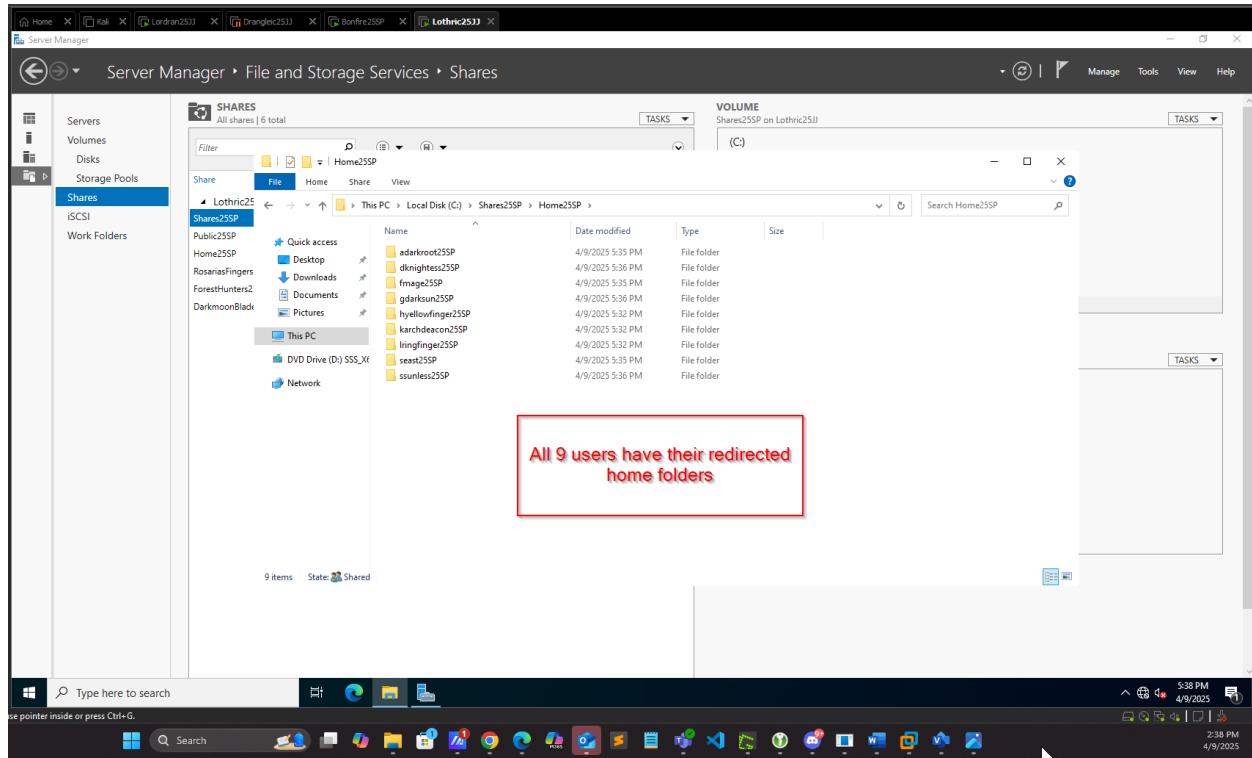


Figure 17: Folders on my File Server

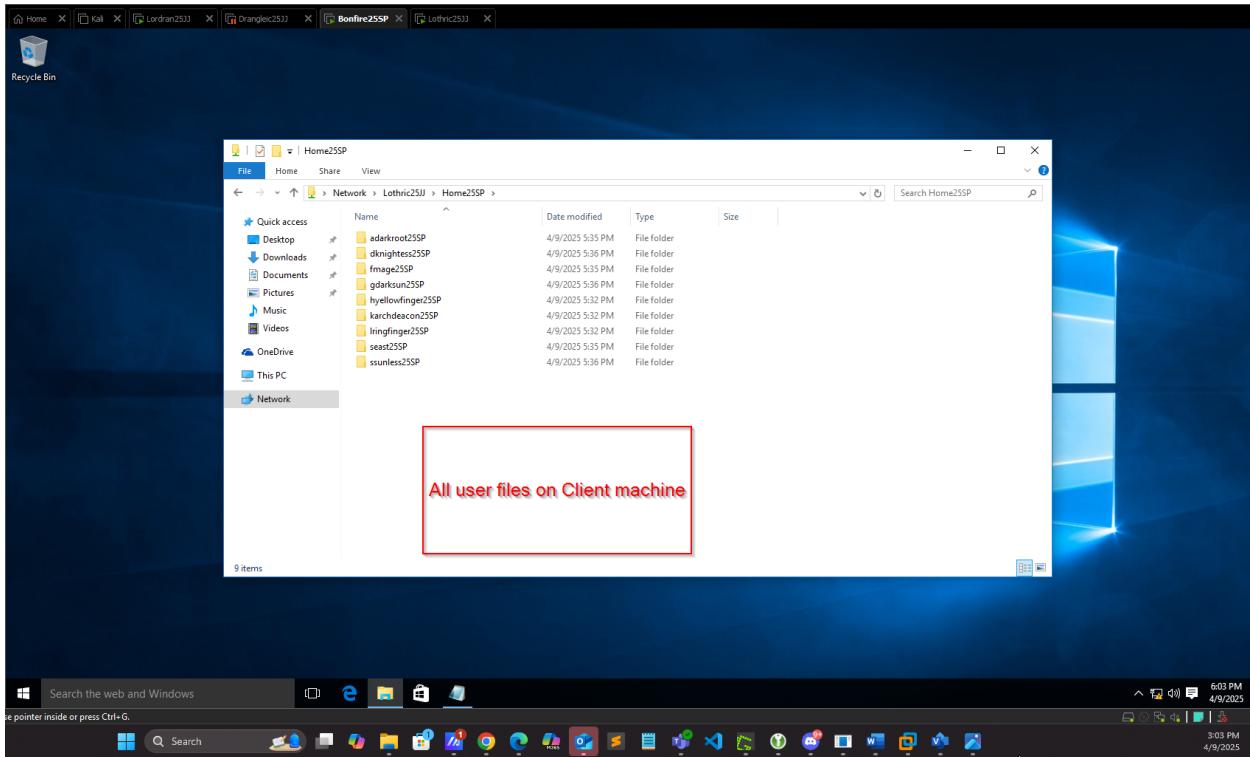


Figure 18: All user files on my Client Machine

Test Document on Client and File Server

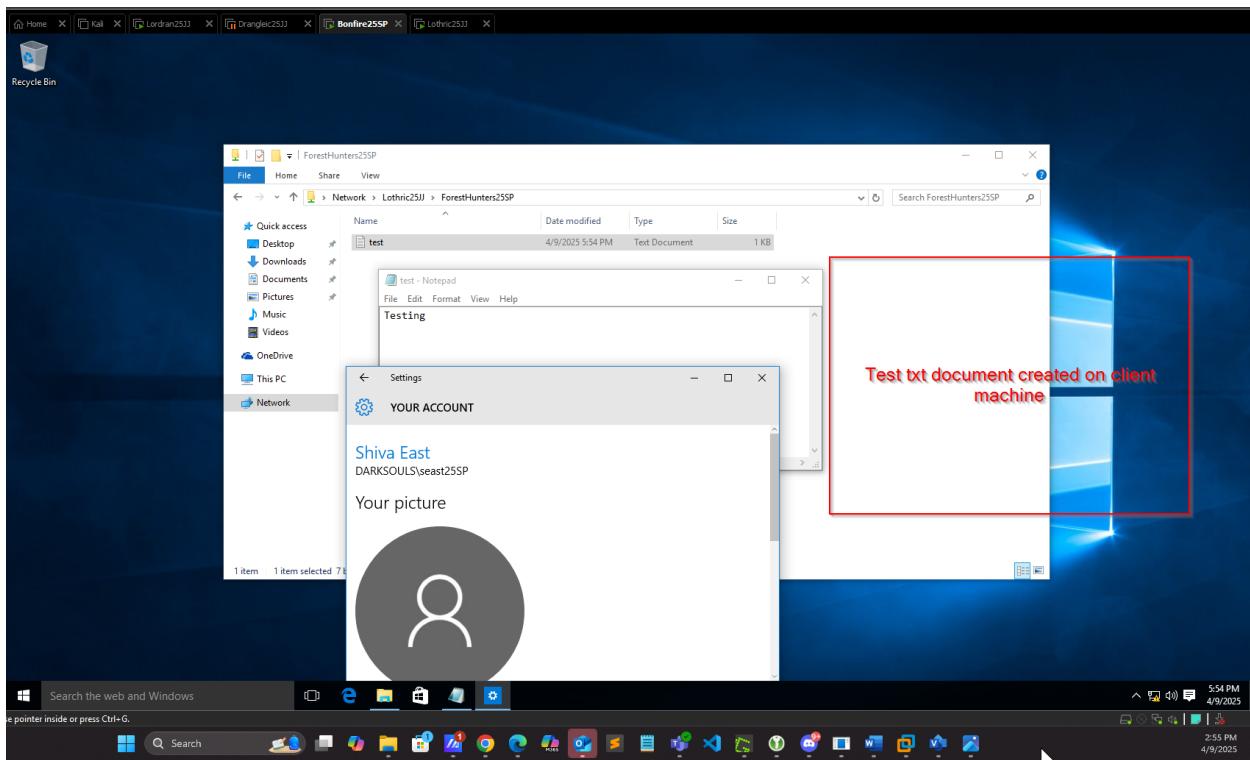


Figure 19: Testing document created on my Client Machine

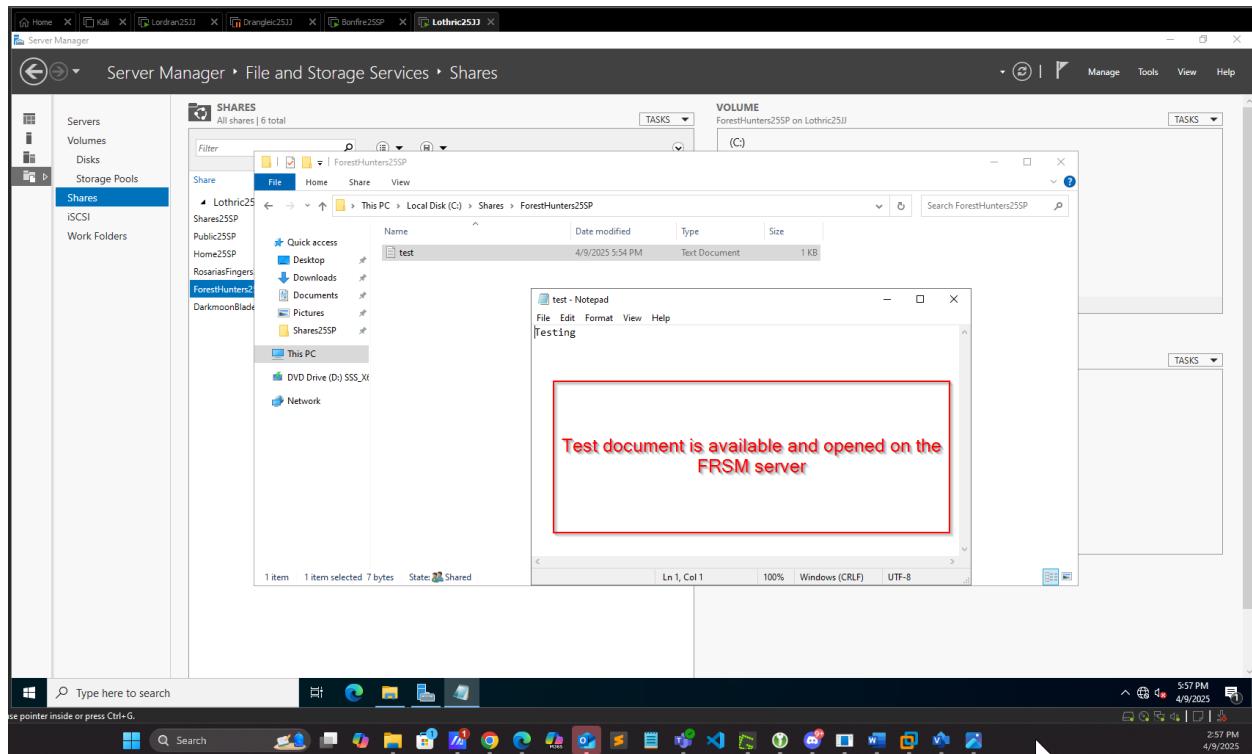


Figure 20: Test document is opened on FRSMServer

File Server Profile Path

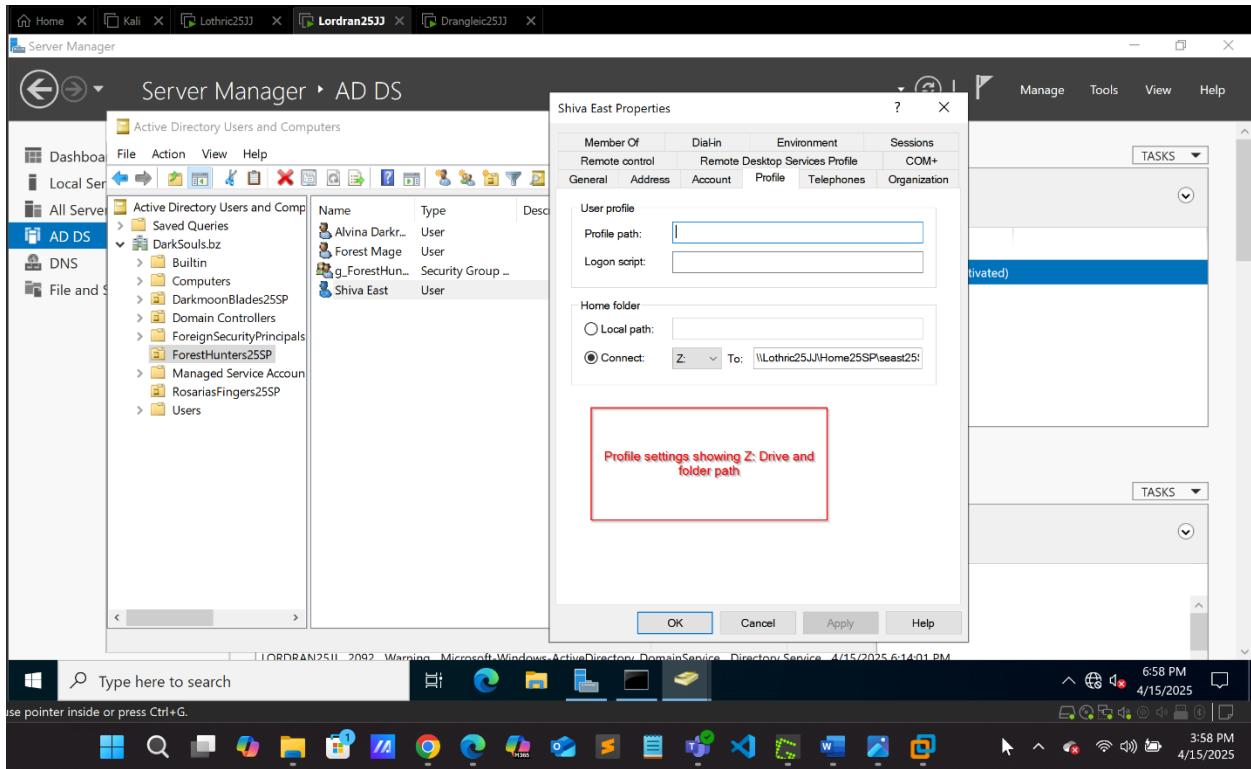


Figure 21: Profile settings showing drive letter and path for the shared folder

Redirected Home Folders

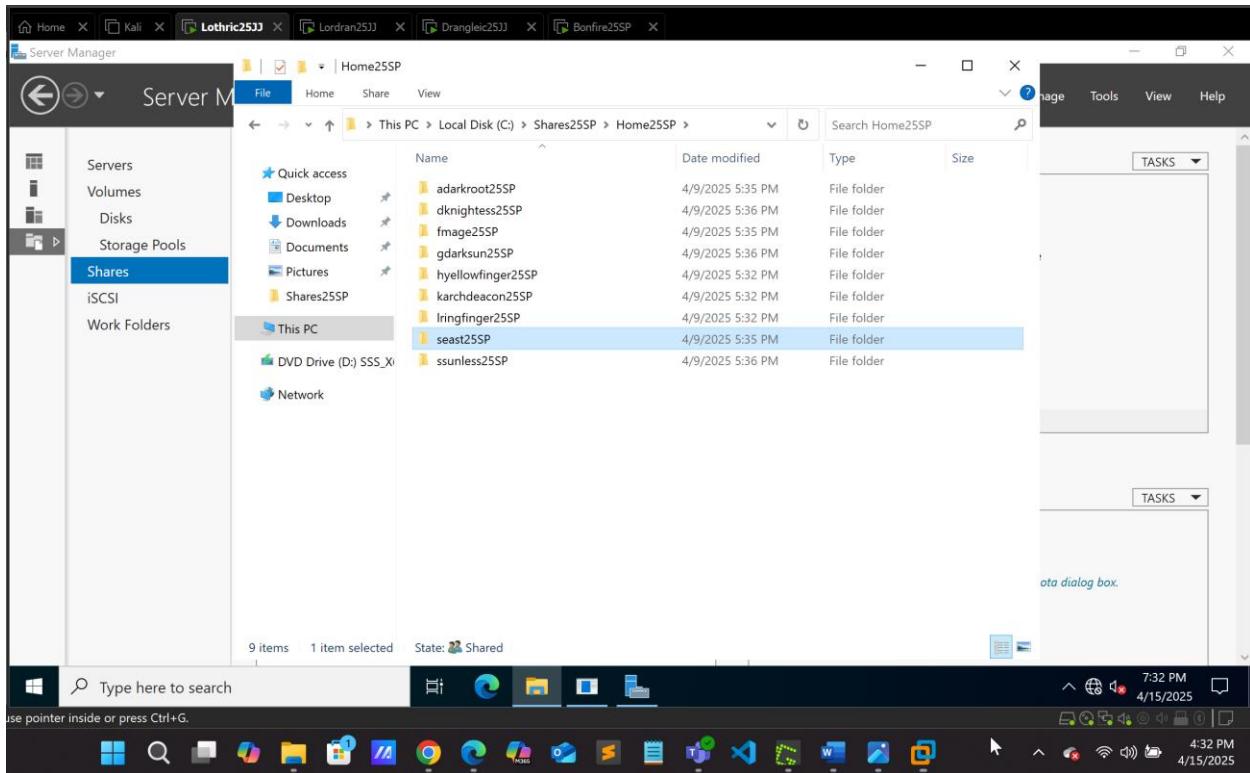


Figure 22: Redirected Folder(s) under Shares