

EE399

Enterprise IT Infrastructure Term Project

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I downloaded the neccesery ISO from the internet than I checked the Virtual Network Editor the neccesery IP which I provie later screenshots

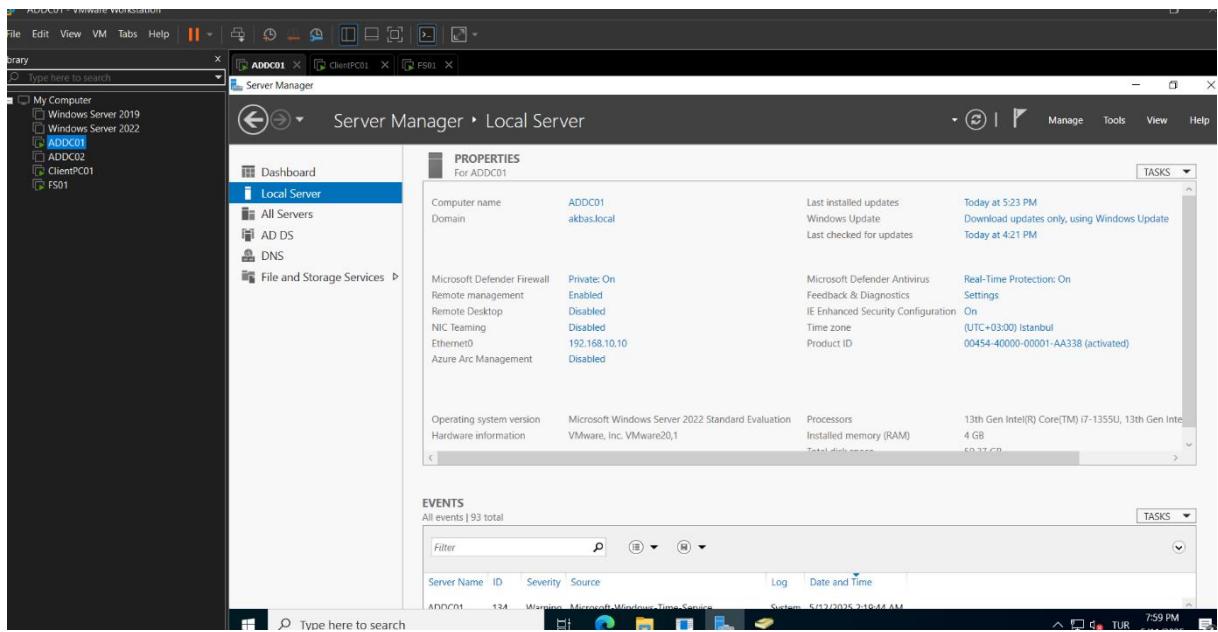


Figure 1 Server Manager of ADDC01

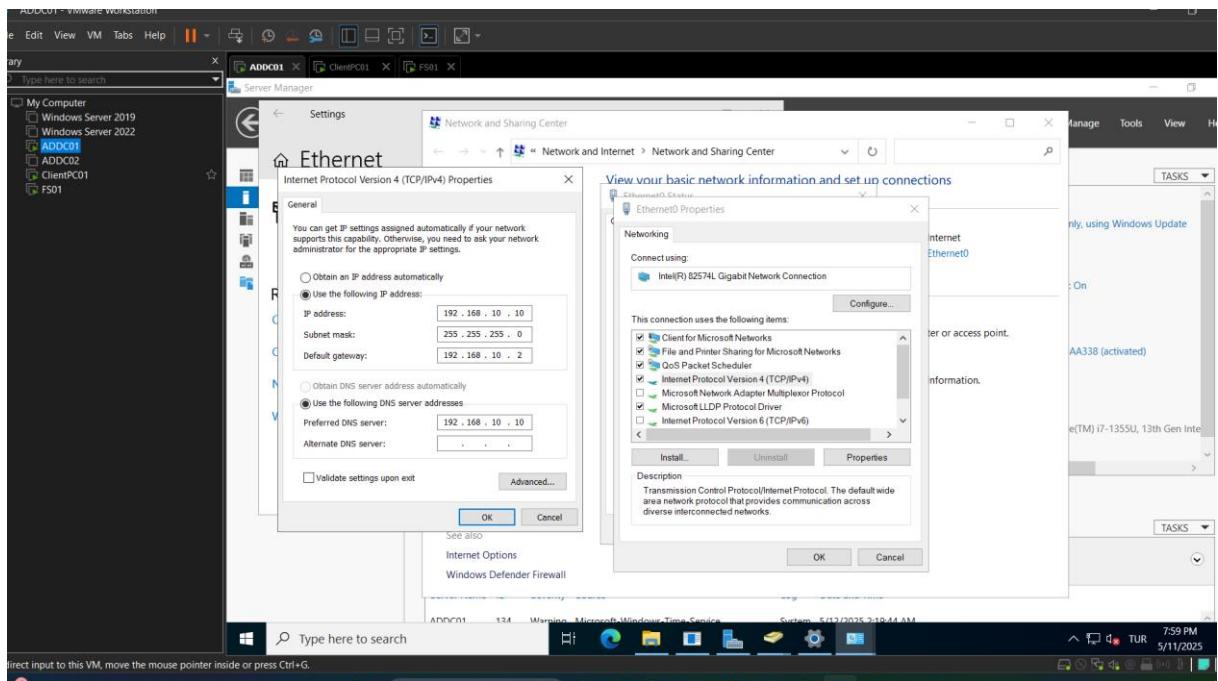


Figure 2 IP's of ADDC01

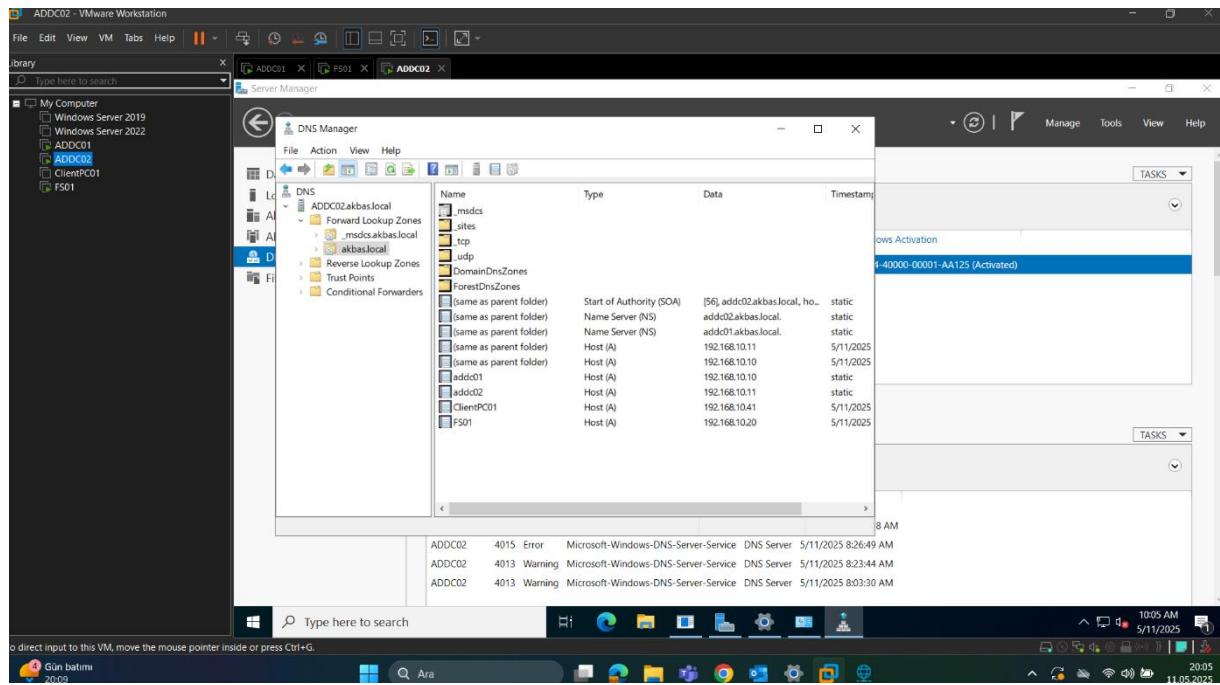


Figure 3 Checked that ADDS01 and ADDS02 aka Additional Active Directory is sync

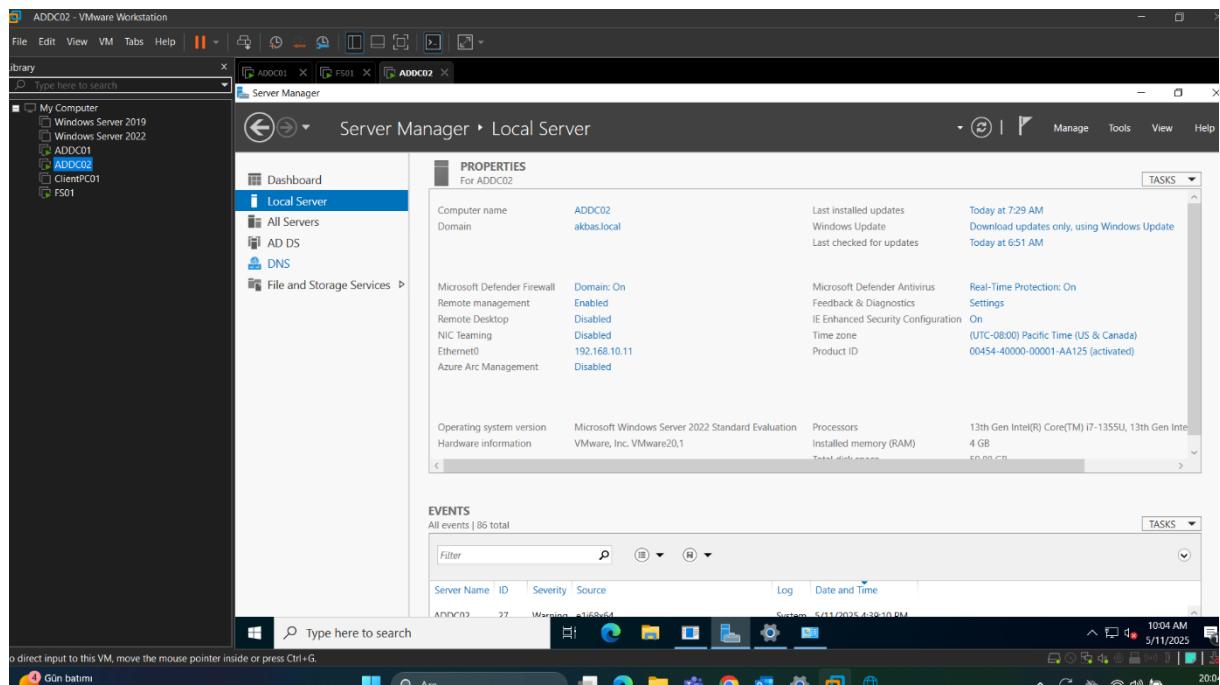


Figure 4 Server Manager of ADDS01

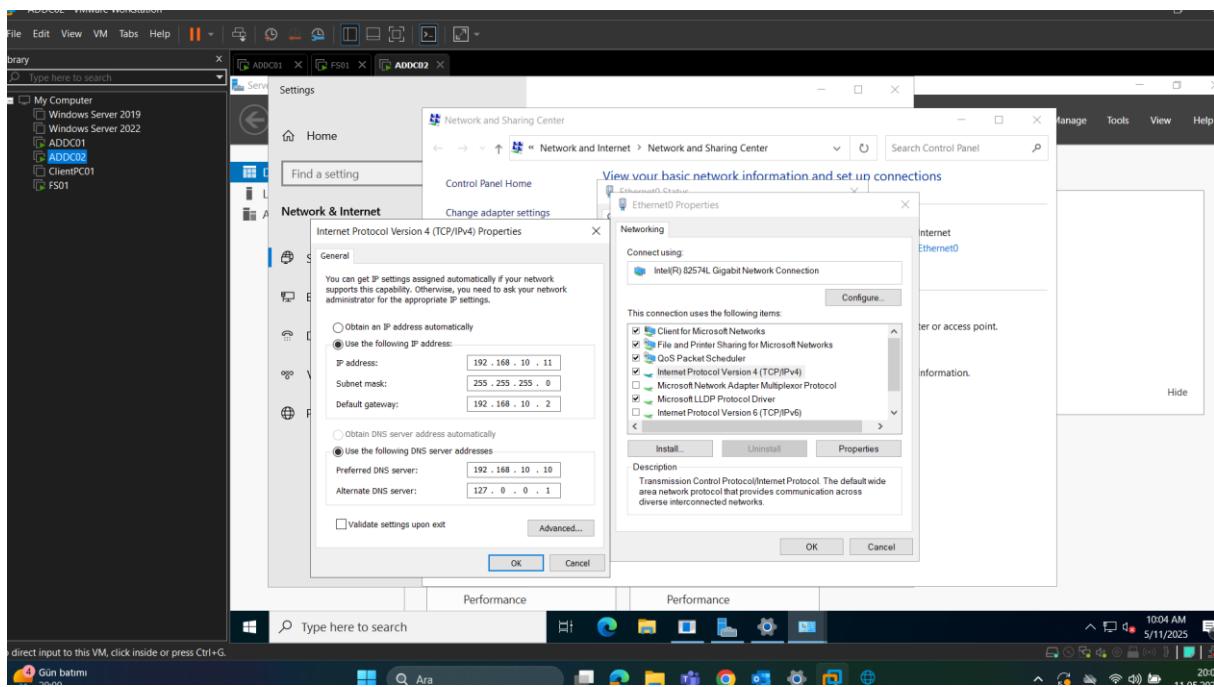


Figure 5 IP's ADDS02

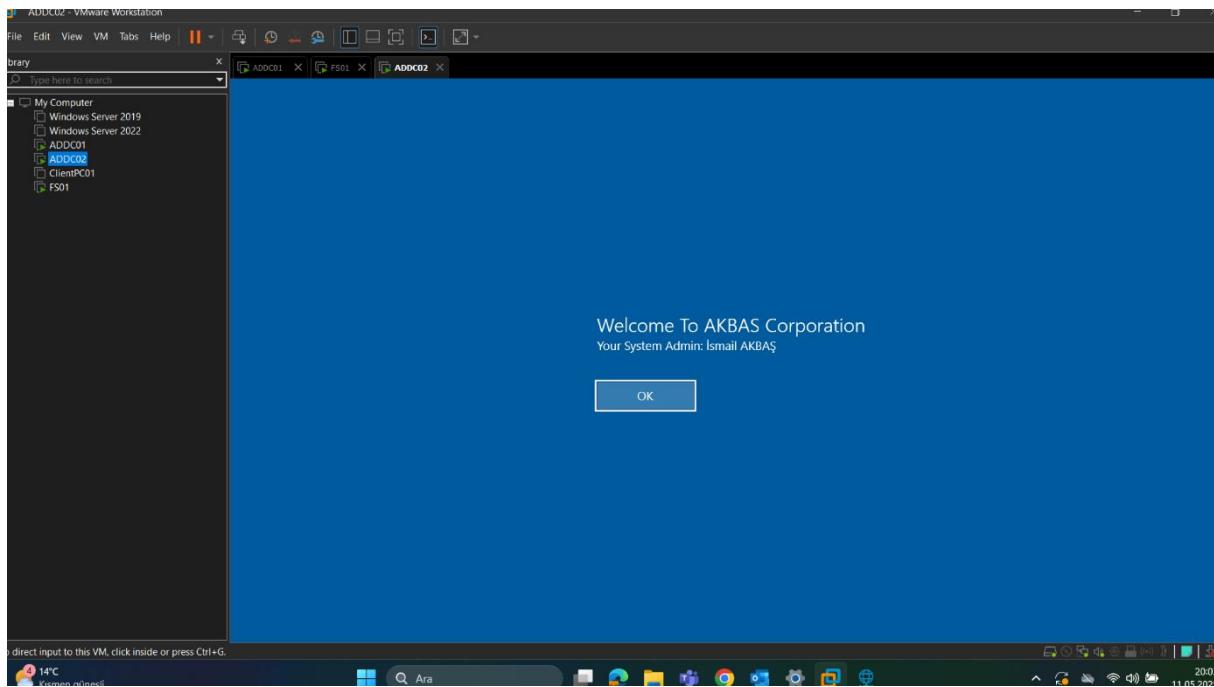


Figure 6 ADDS02 Opening Screen which I did via GPO

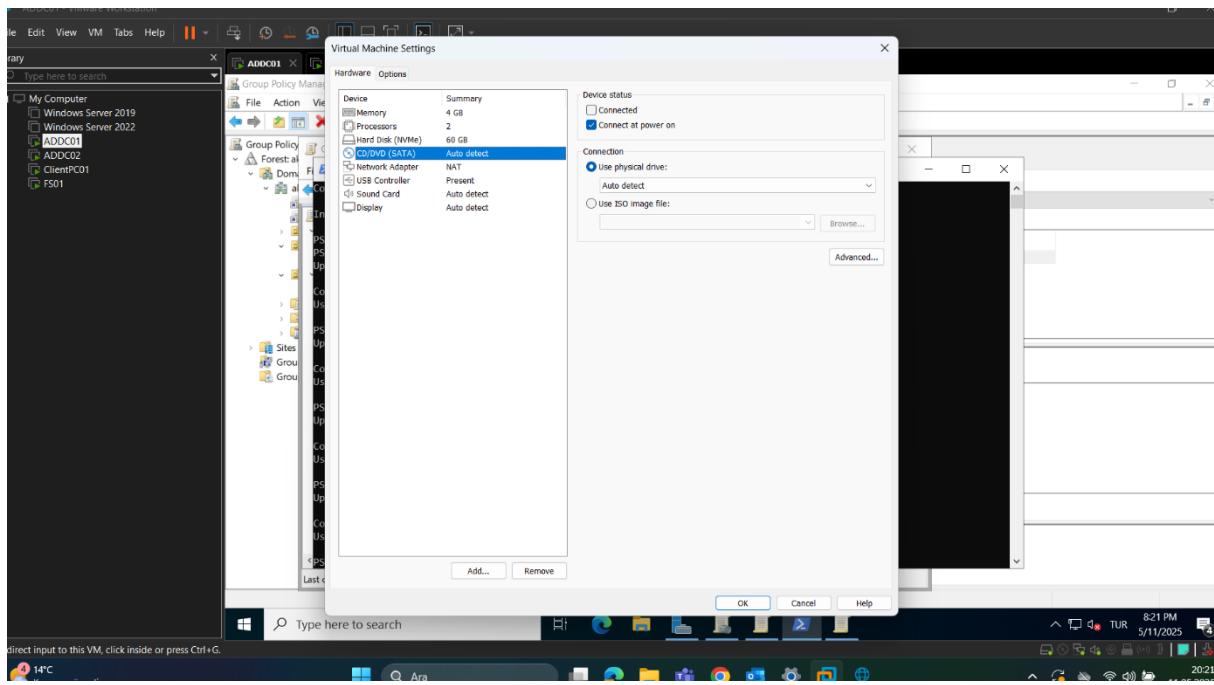


Figure 7 I removed to ISO image for every VM

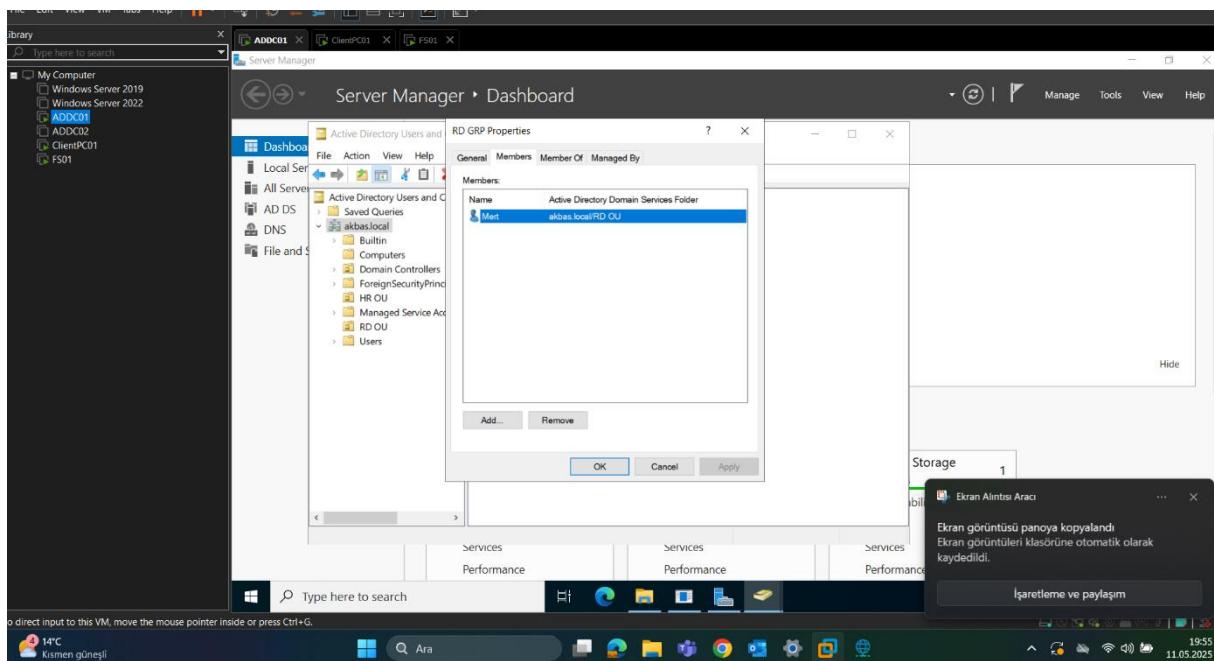


Figure 8 Mert User which I created on RD OU member of RD GRP

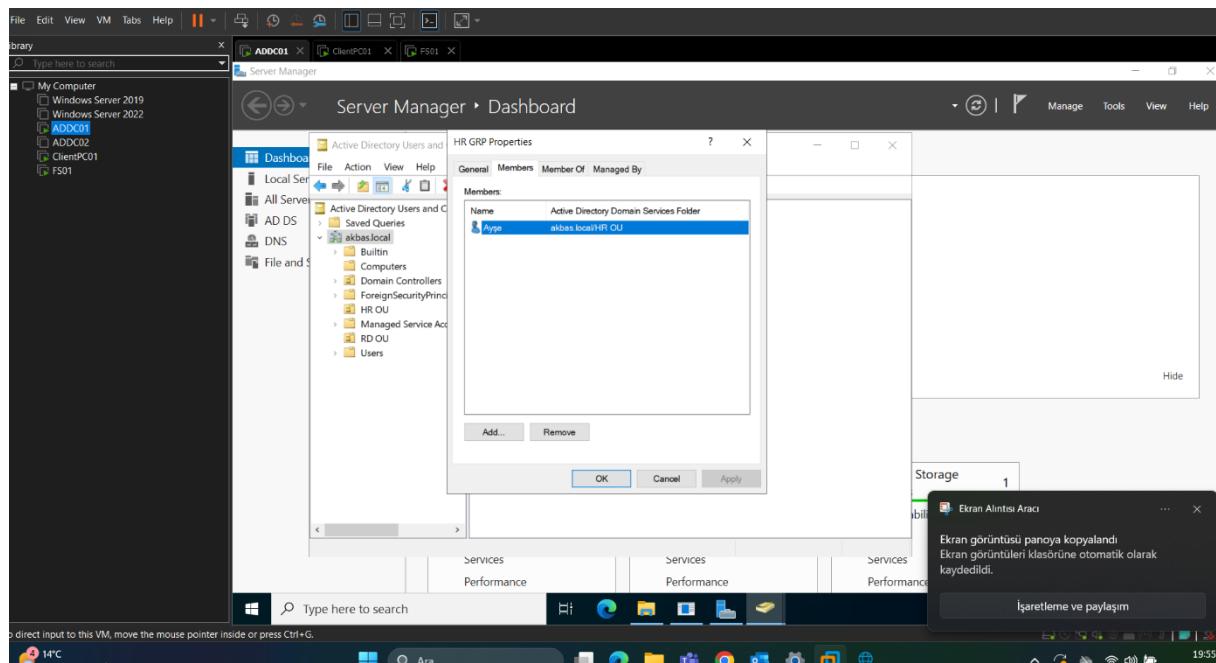


Figure 9 Ayşe User which I created on HR OU member of HR GRP

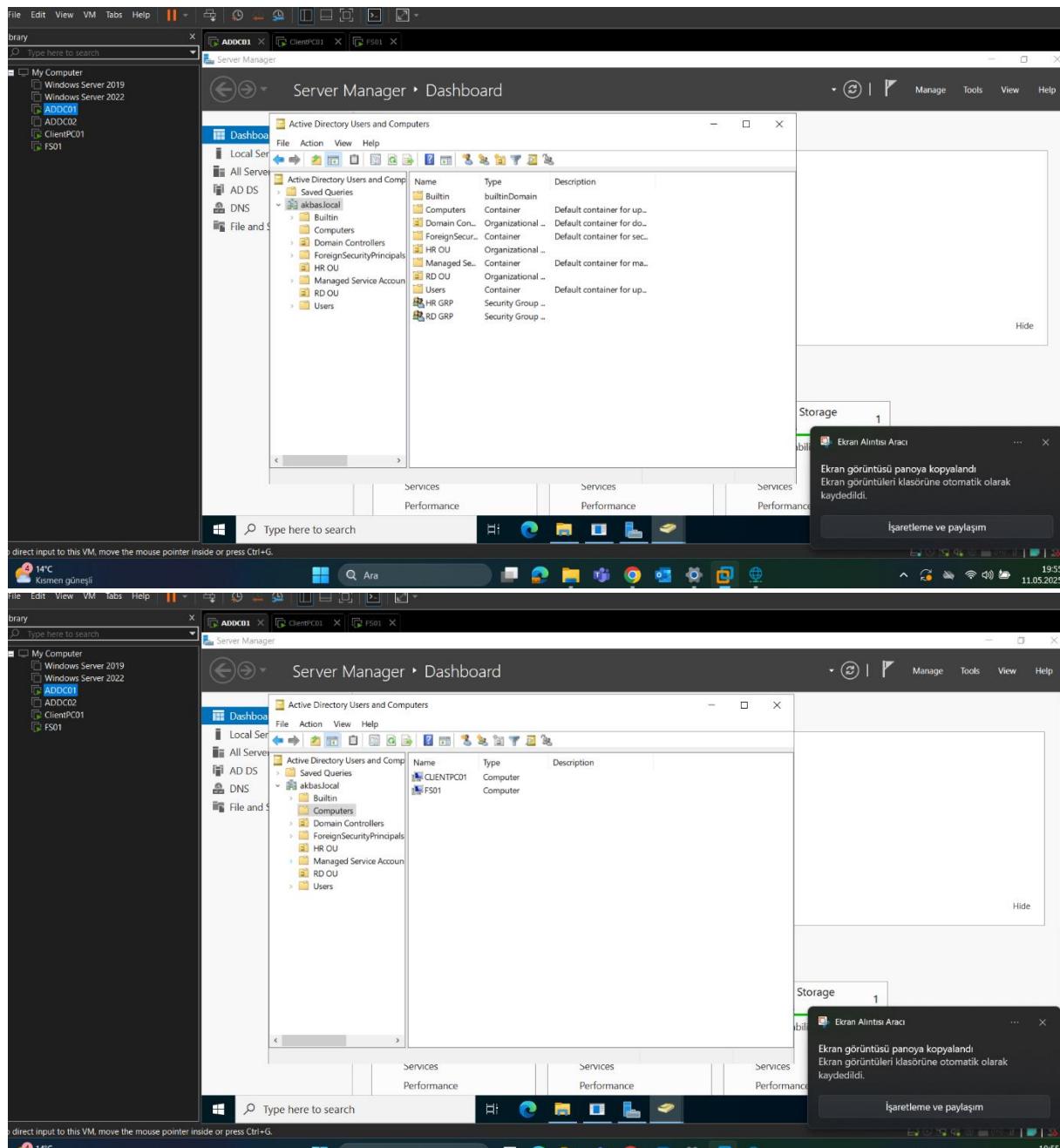


Figure 10 Computers on AD I have 2 computers first one is my client which is Windows 10 second one is Windows Server 2022 File Server

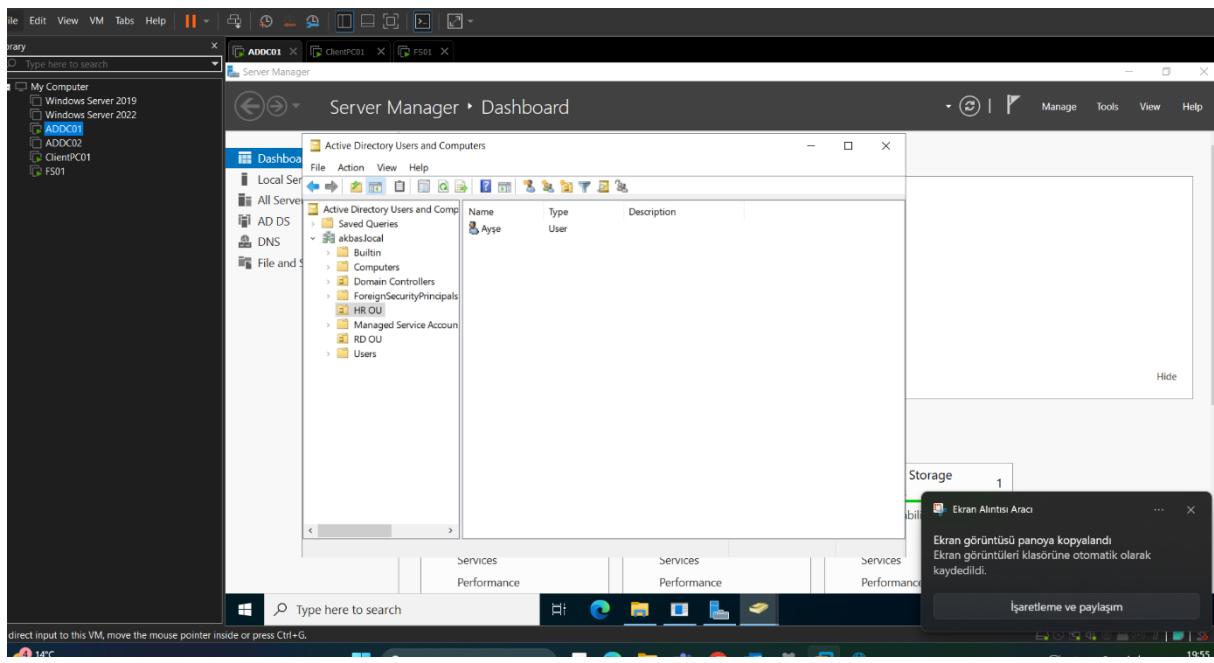


Figure 11 Ayşe User which I created on HR OU

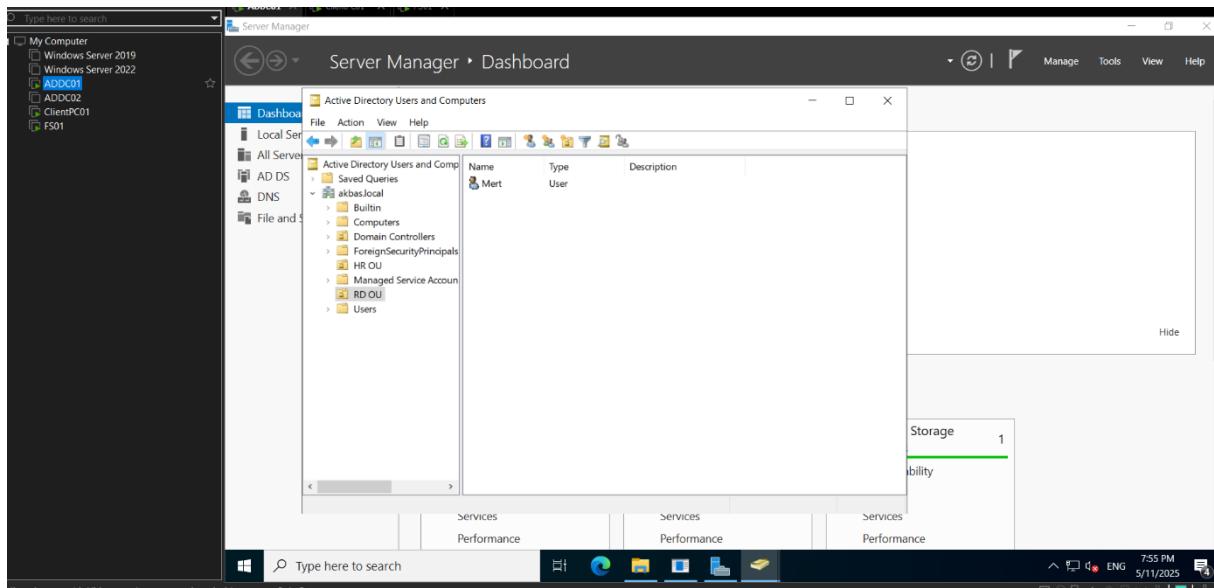


Figure 12 Mert User which I created on RD OU

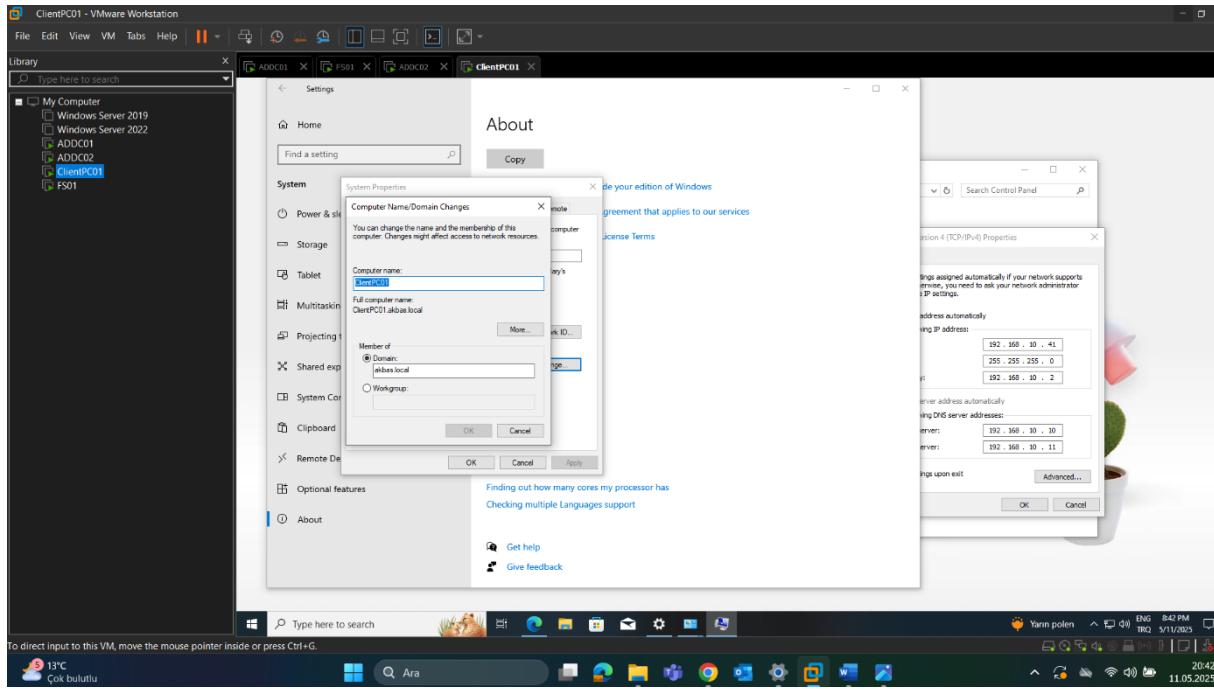


Figure 13 I added my Windows 10 client to my domain

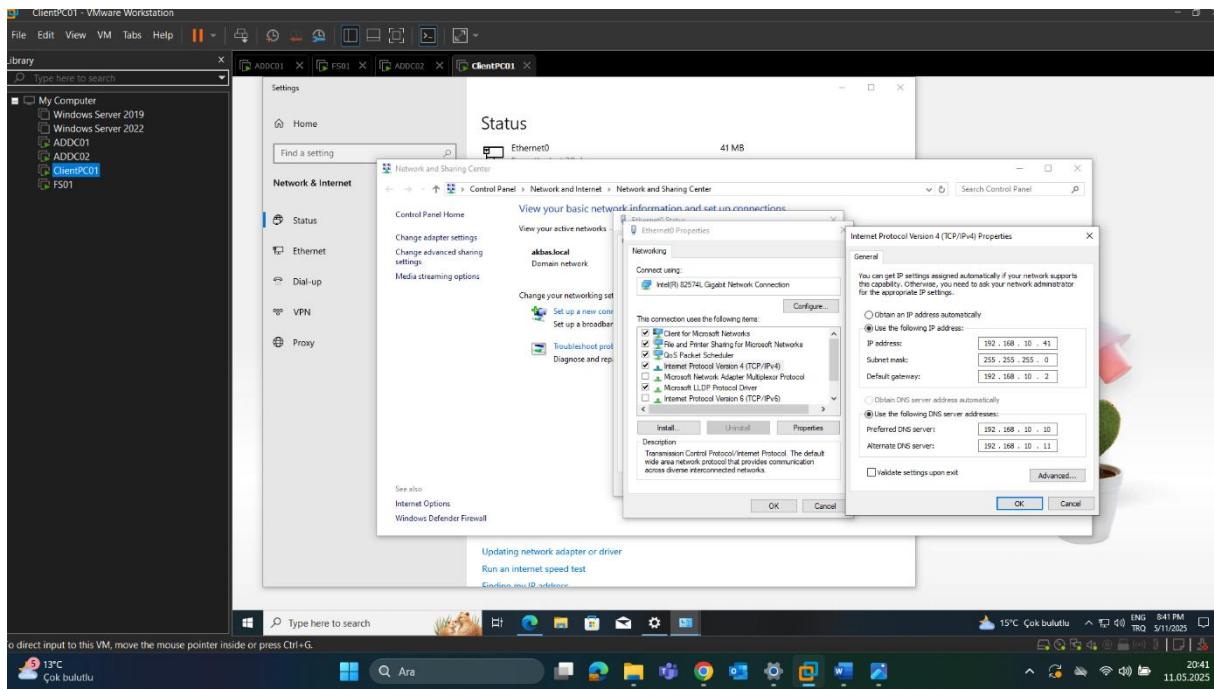


Figure 14 My Client's IPs

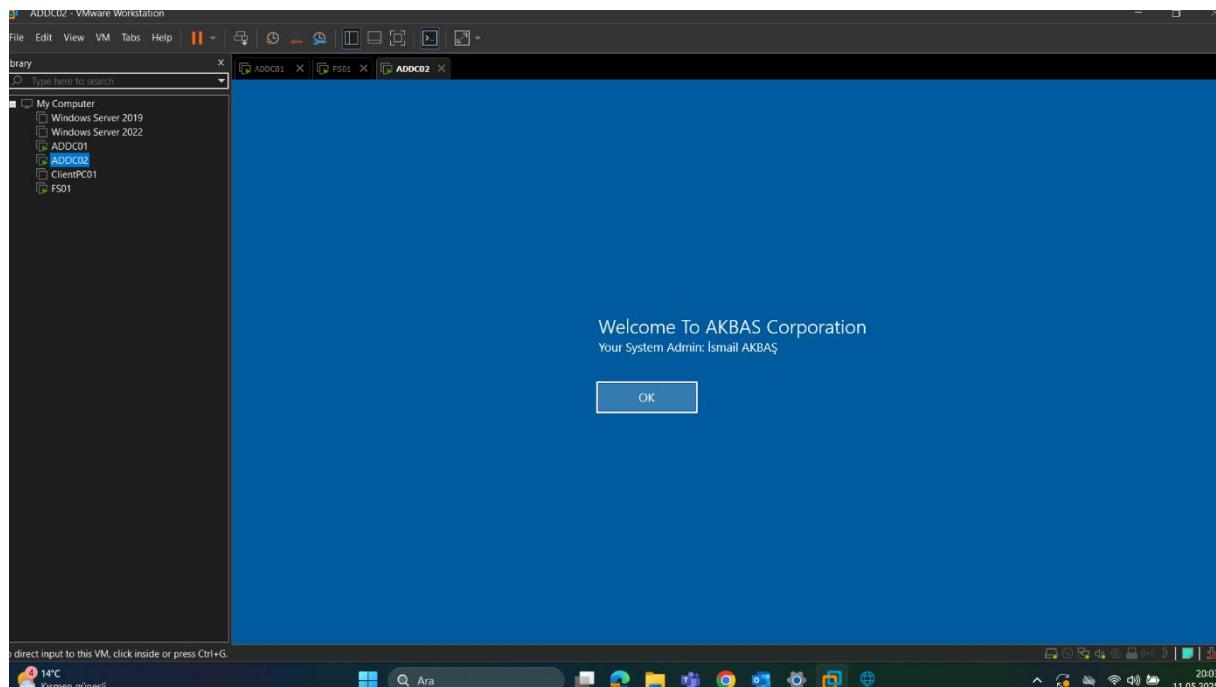


Figure 15 Again Opening Screen

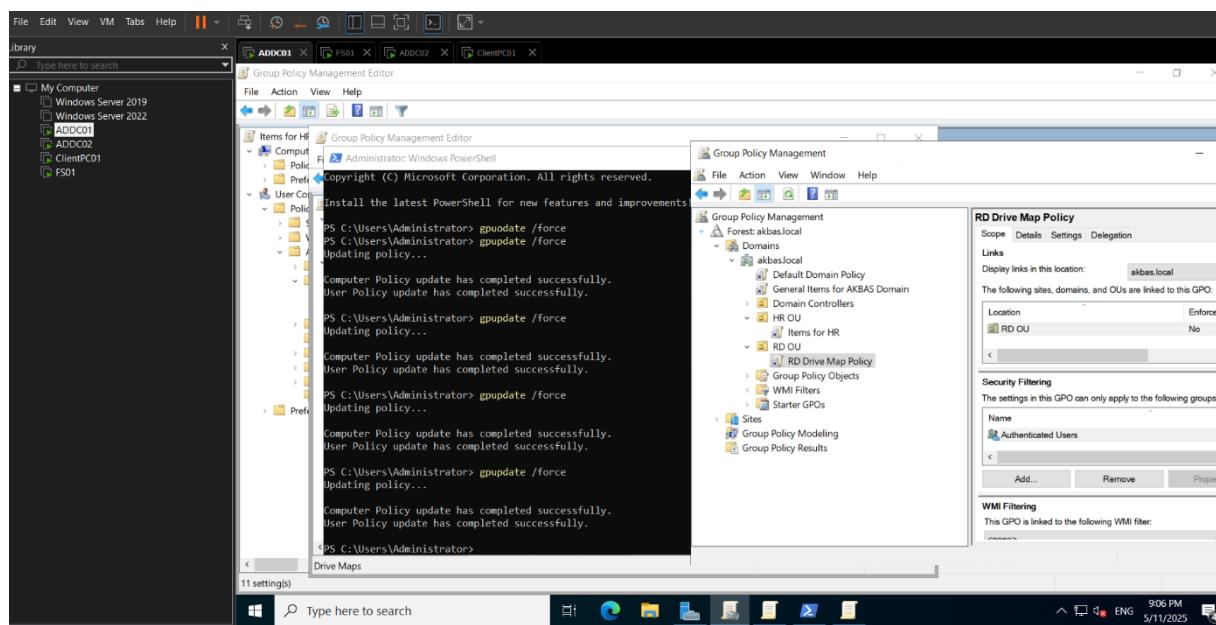


Figure 16 MY GPOs

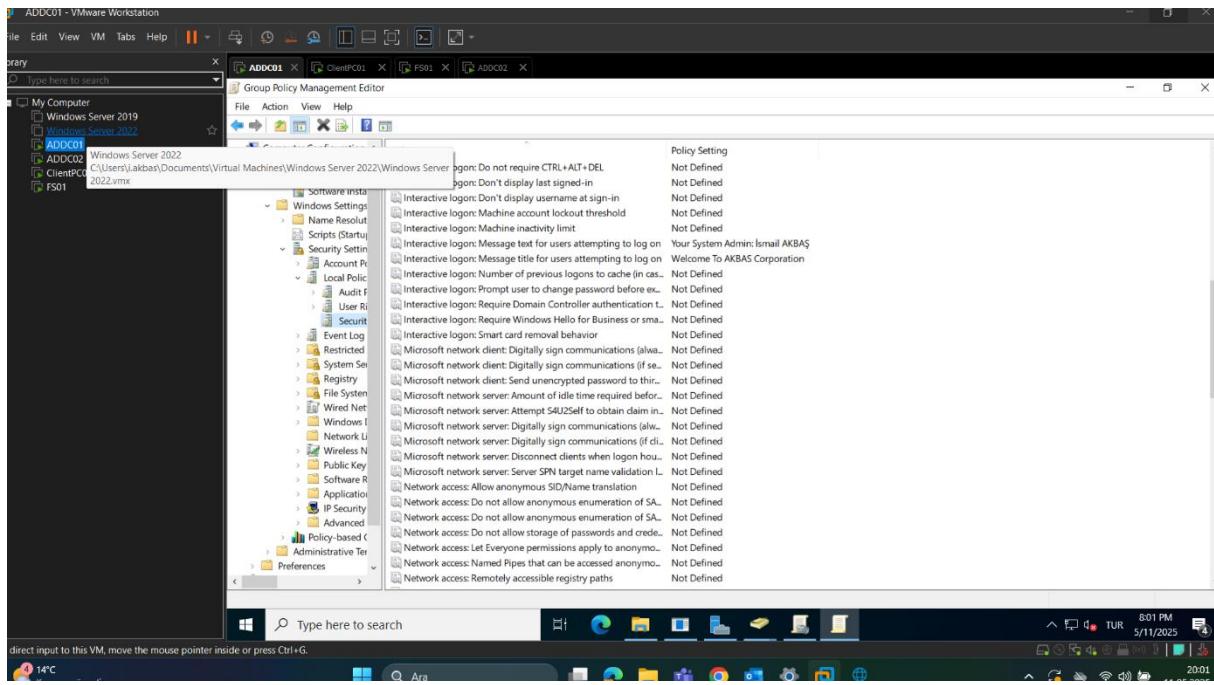


Figure 17 My First GPO which are set logon text and title

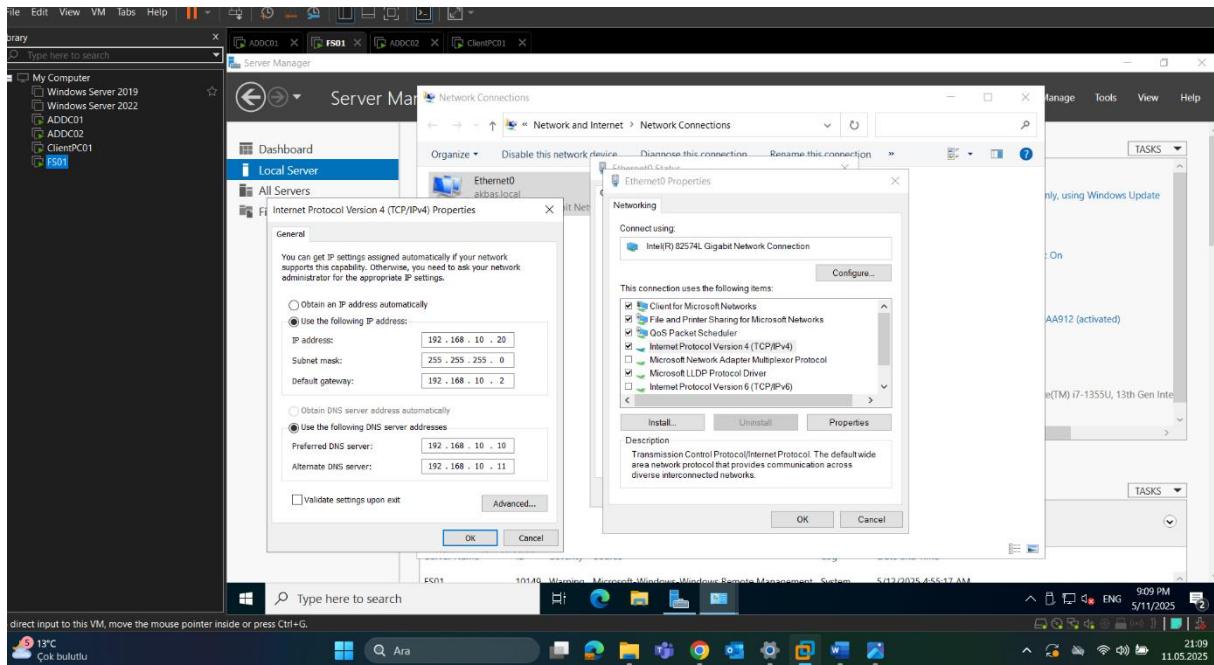


Figure 18 Windows Server 2022 my FS IPs

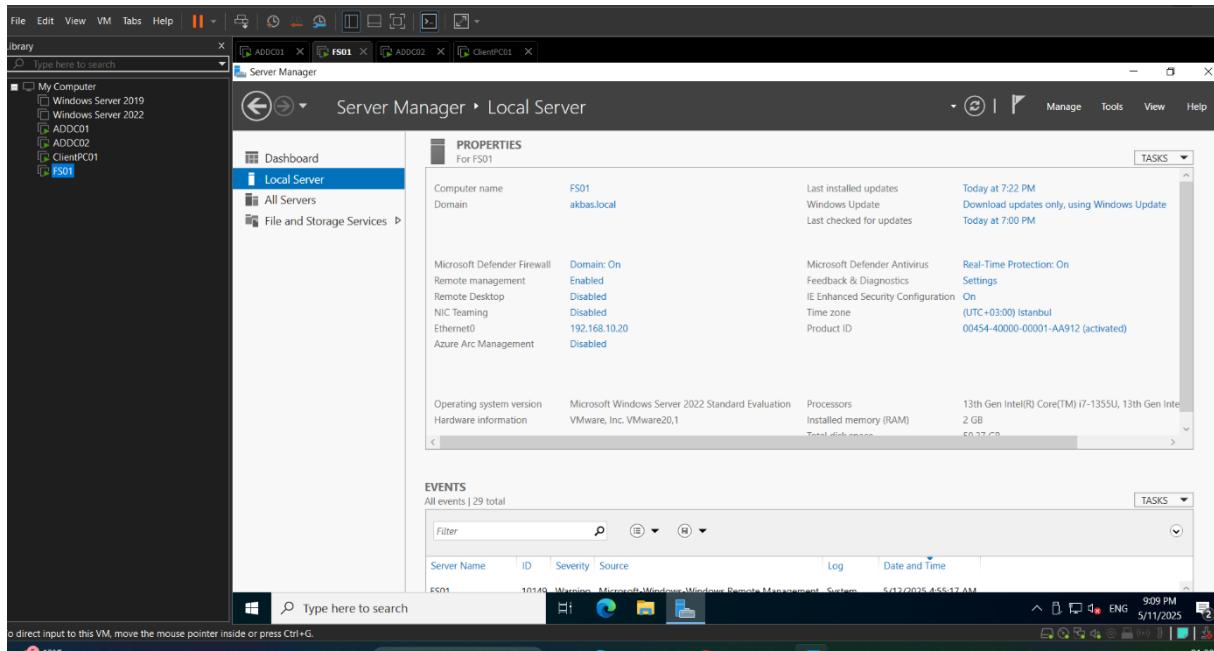


Figure 19 FS01's Server Manager

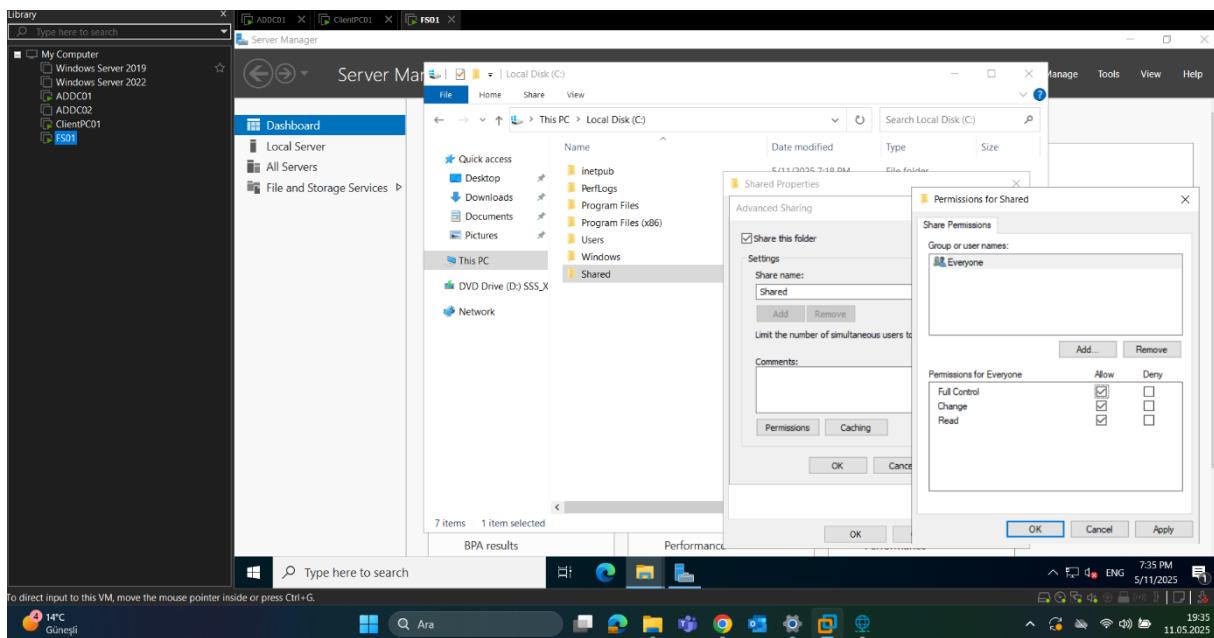
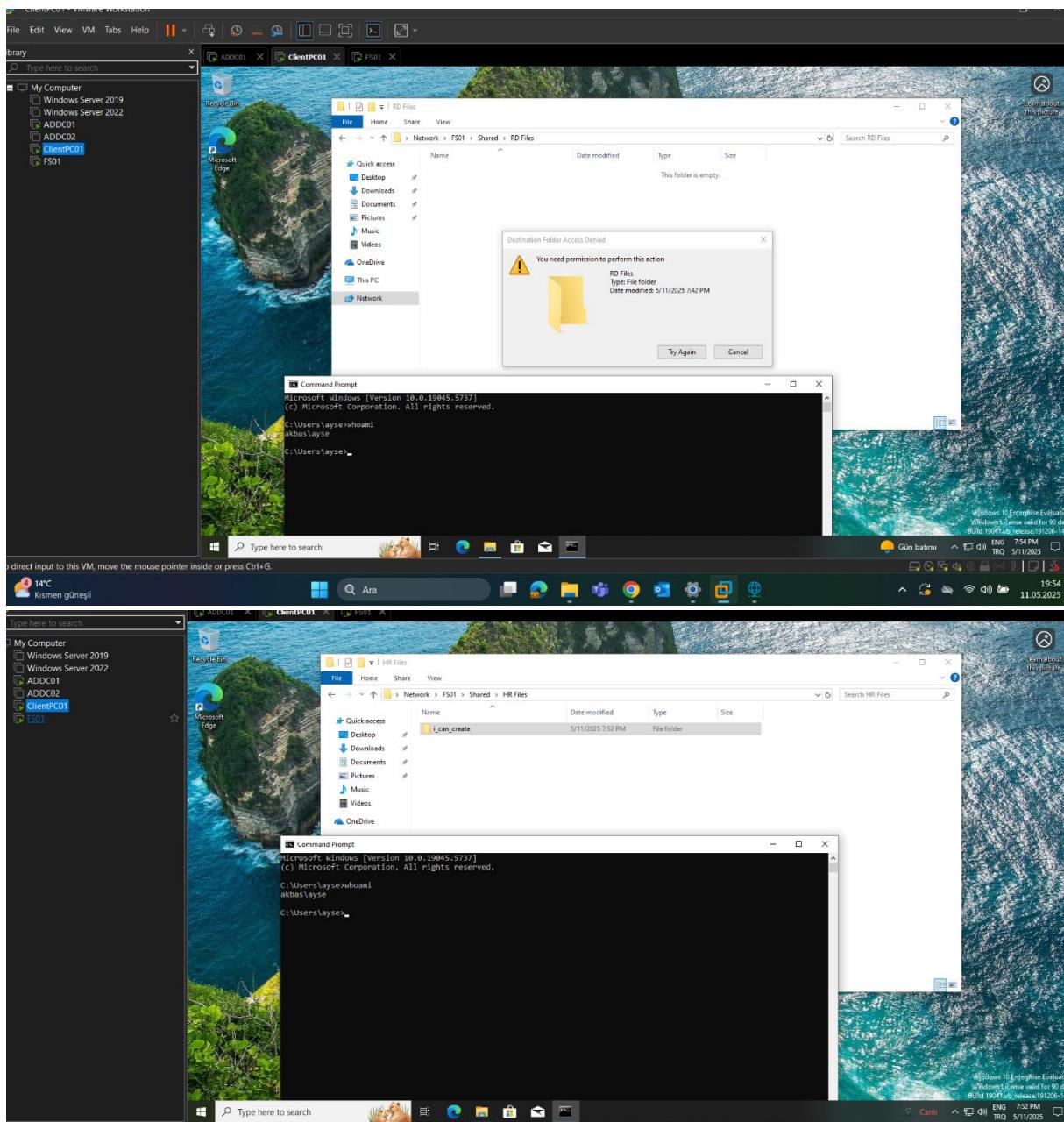
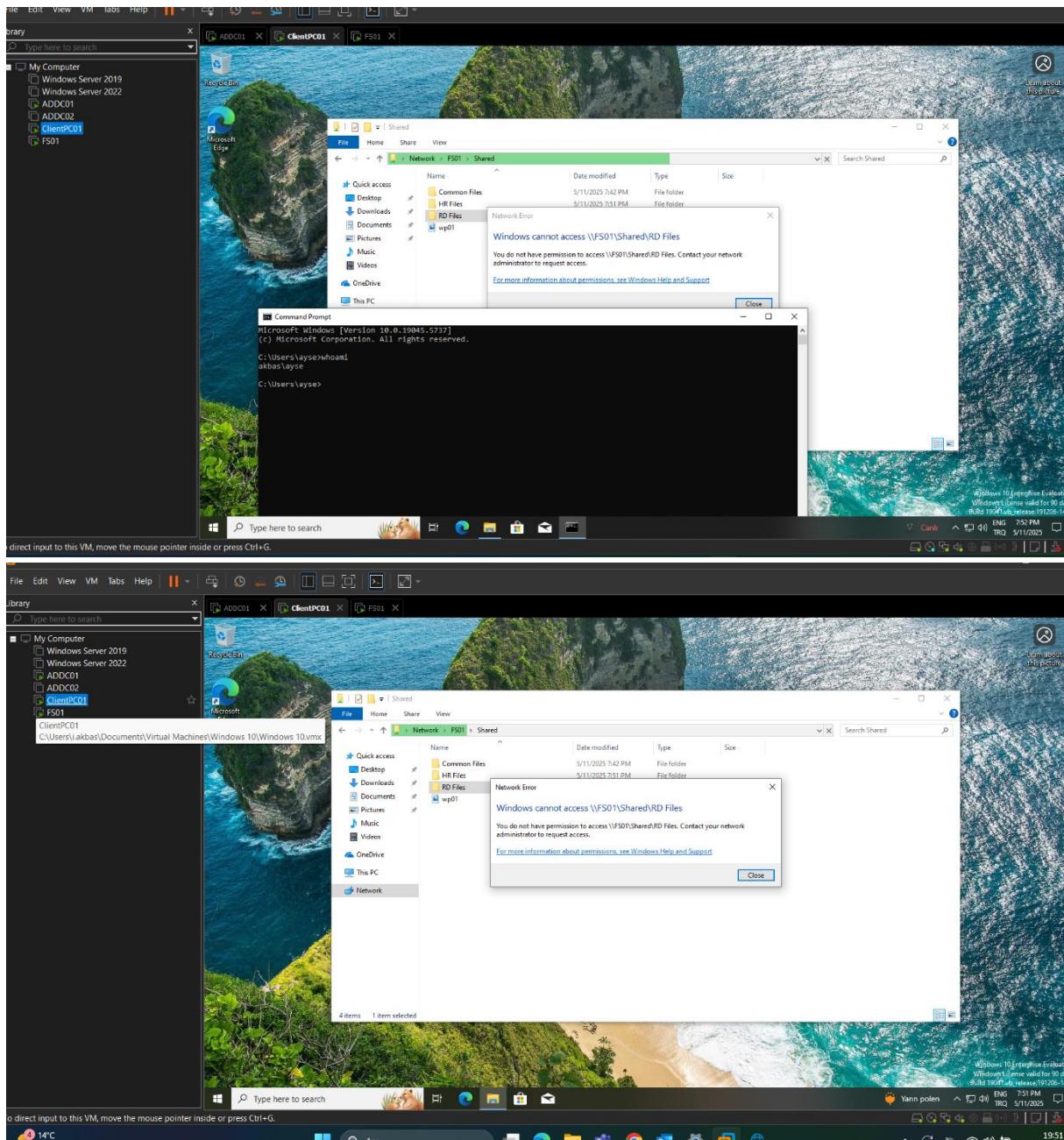
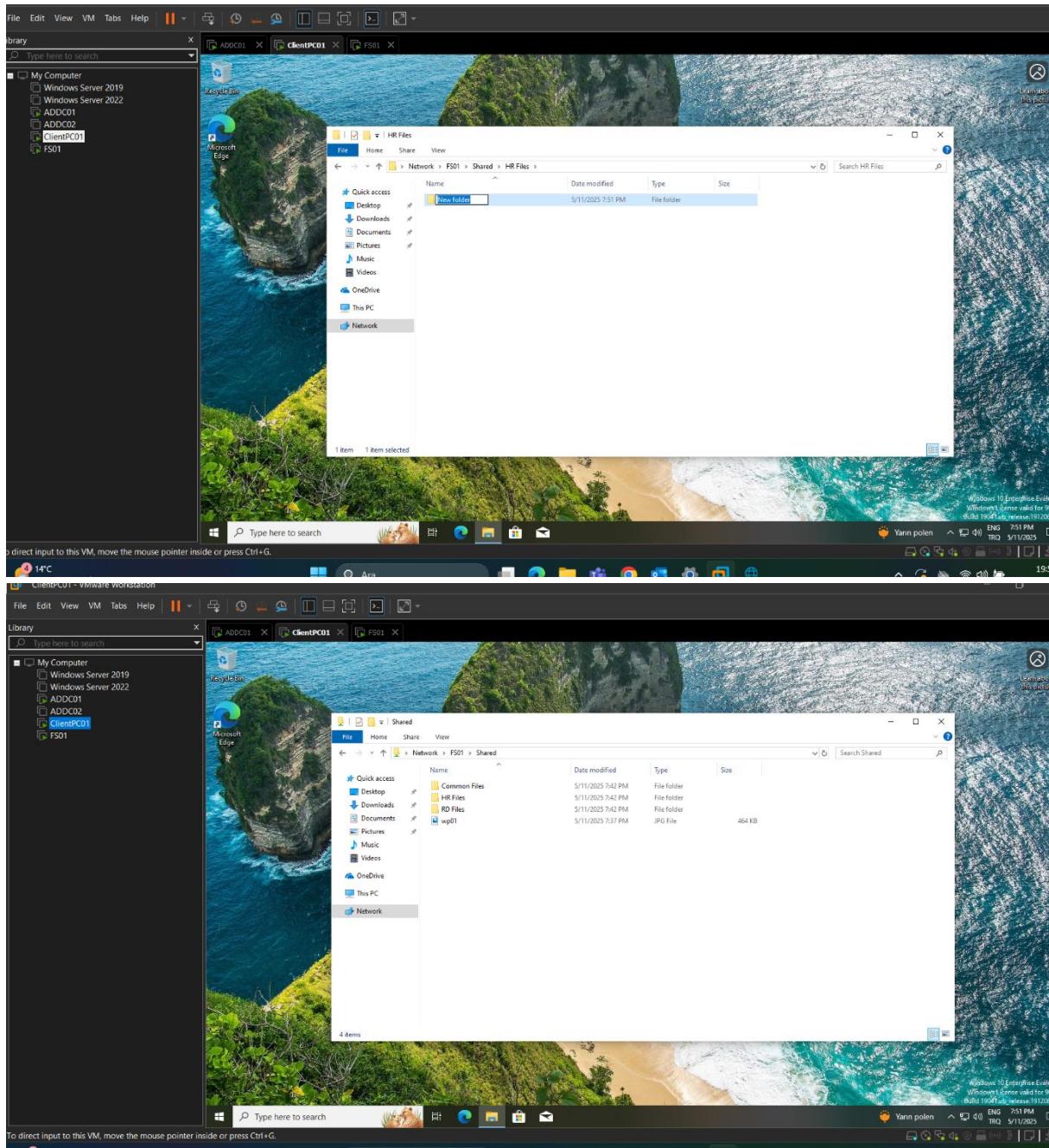


Figure 20 I created Shared file and gave the neccesery permissions







The image displays three screenshots of a Windows Server environment showing file and folder permission configurations.

Screenshot 1: Permission Entry for Common Files

This screenshot shows the "Permission Entry for Common Files" dialog box. The Principal is set to "Users (FS01\Users)". The Type is "Allow". The Applies to field is "This folder, subfolders and files".

Advanced permissions:

<input type="checkbox"/> Full control	<input checked="" type="checkbox"/> Write attributes
<input type="checkbox"/> Traverse folder / execute file	<input checked="" type="checkbox"/> Write extended attributes
<input checked="" type="checkbox"/> List folder / read data	<input type="checkbox"/> Delete subfolders and files
<input checked="" type="checkbox"/> Read attributes	<input type="checkbox"/> Delete
<input checked="" type="checkbox"/> Read extended attributes	<input checked="" type="checkbox"/> Read permissions
<input type="checkbox"/> Create files / write data	<input type="checkbox"/> Change permissions
<input type="checkbox"/> Create folders / append data	<input type="checkbox"/> Take ownership

Screenshot 2: Advanced Security Settings for RD Files

This screenshot shows the "Advanced Security Settings for RD Files" dialog box. The Name is "C:\Shared\RD Files". The Owner is "Administrators (FS01\Administrators)".

Permissions:

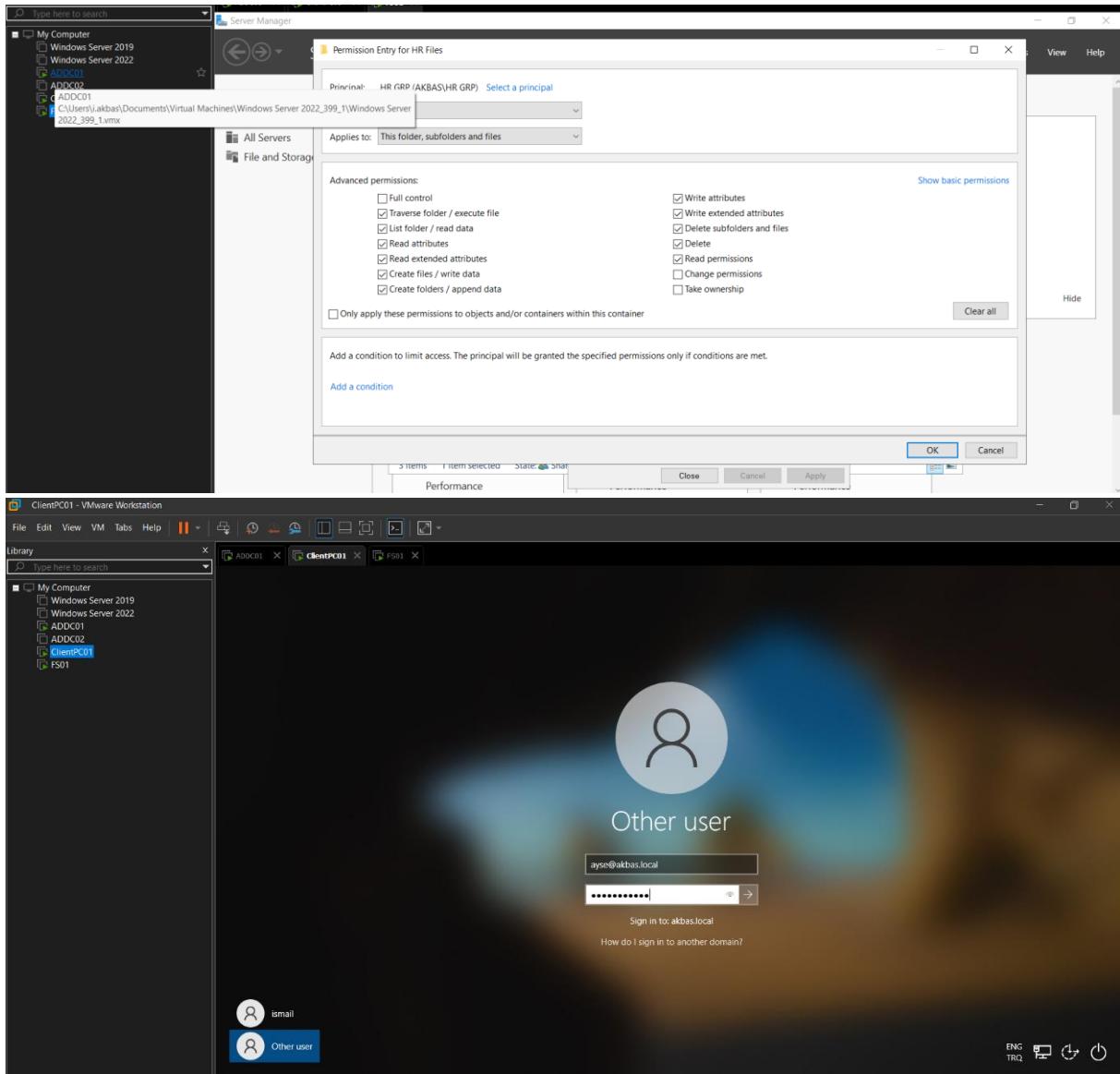
Type	Principal	Access	Inherited from	Applies to
Allow	SYSTEM	Full control	None	This folder, subfolders and files
Allow	Administrators (FS01\Administrators)	Full control	None	This folder, subfolders and files
Allow	CREATOR OWNER	Full control	None	Subfolders and files only
Allow	RD GRP (AKBAS\RD GRP)	Special	None	This folder, subfolders and files

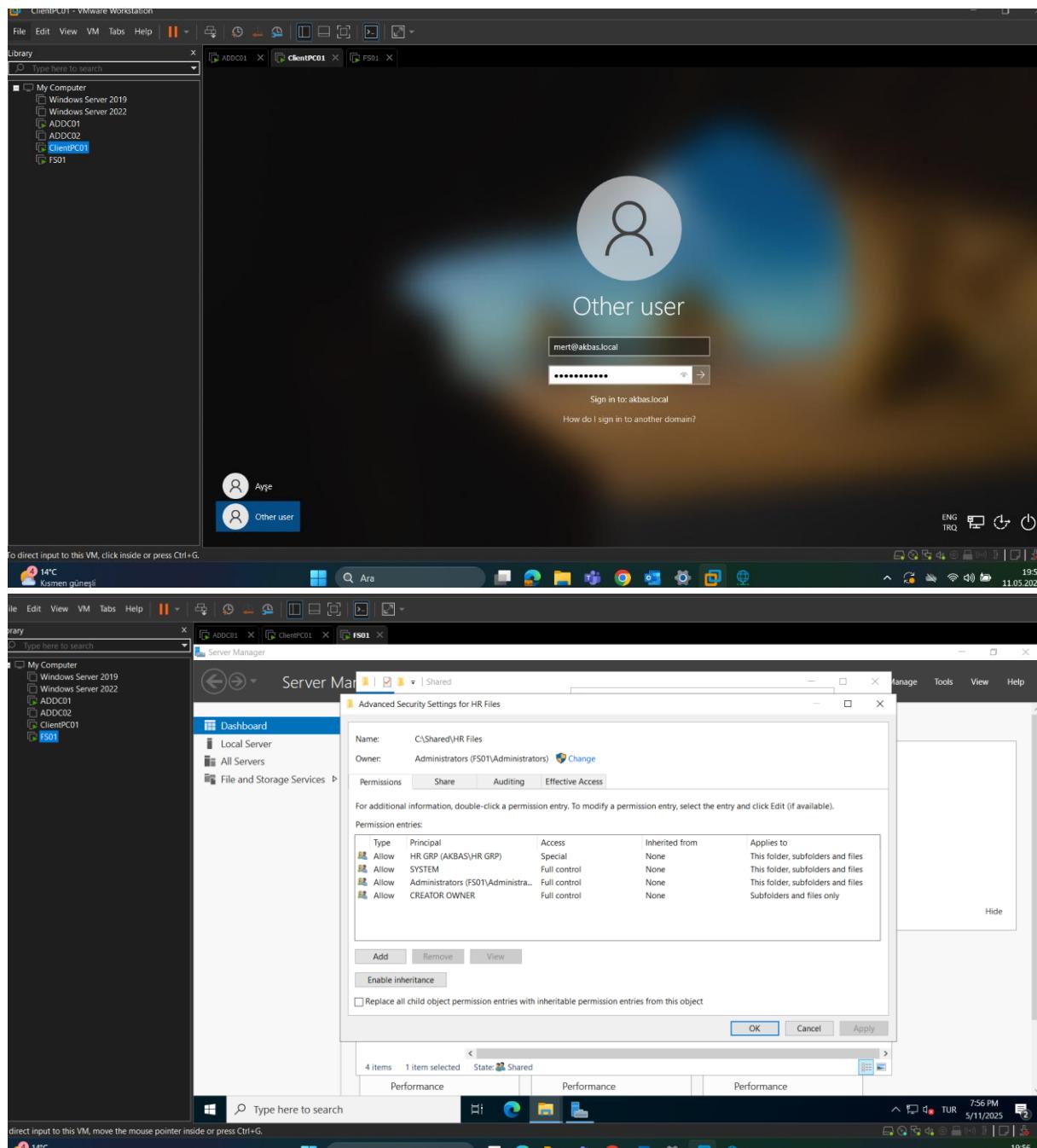
Screenshot 3: Permission Entry for RD Files

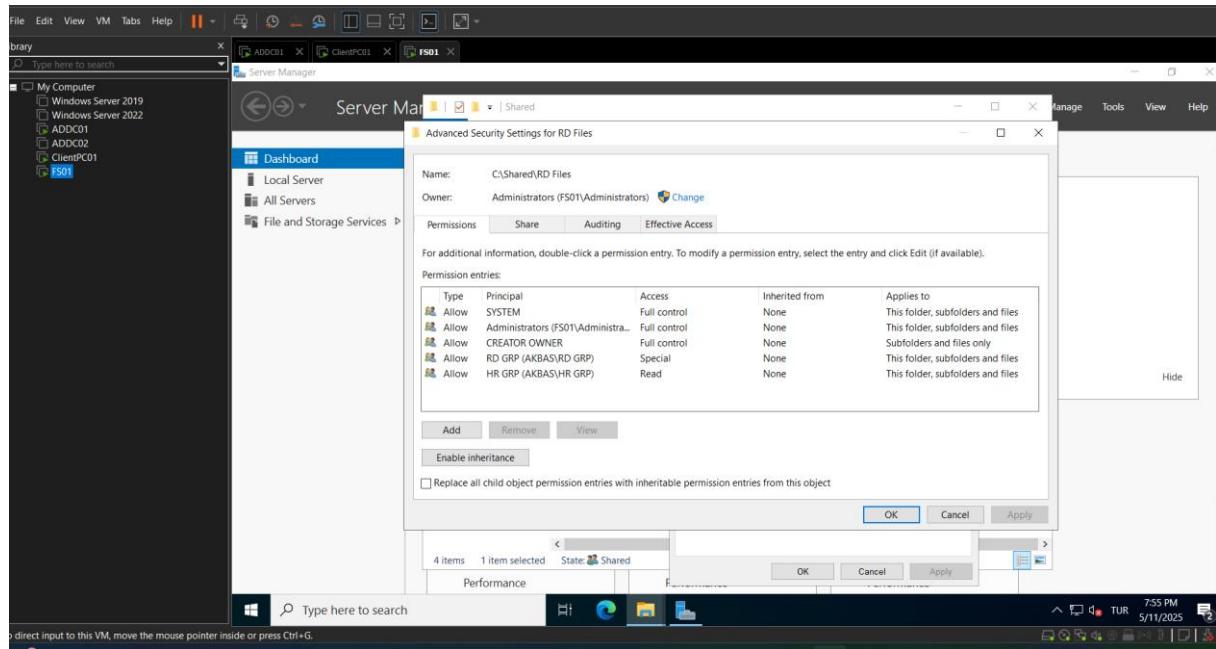
This screenshot shows the "Permission Entry for RD Files" dialog box. The Principal is "RD GRP (AKBAS\RD GRP)". The Type is "Allow". The Applies to field is "This folder, subfolders and files".

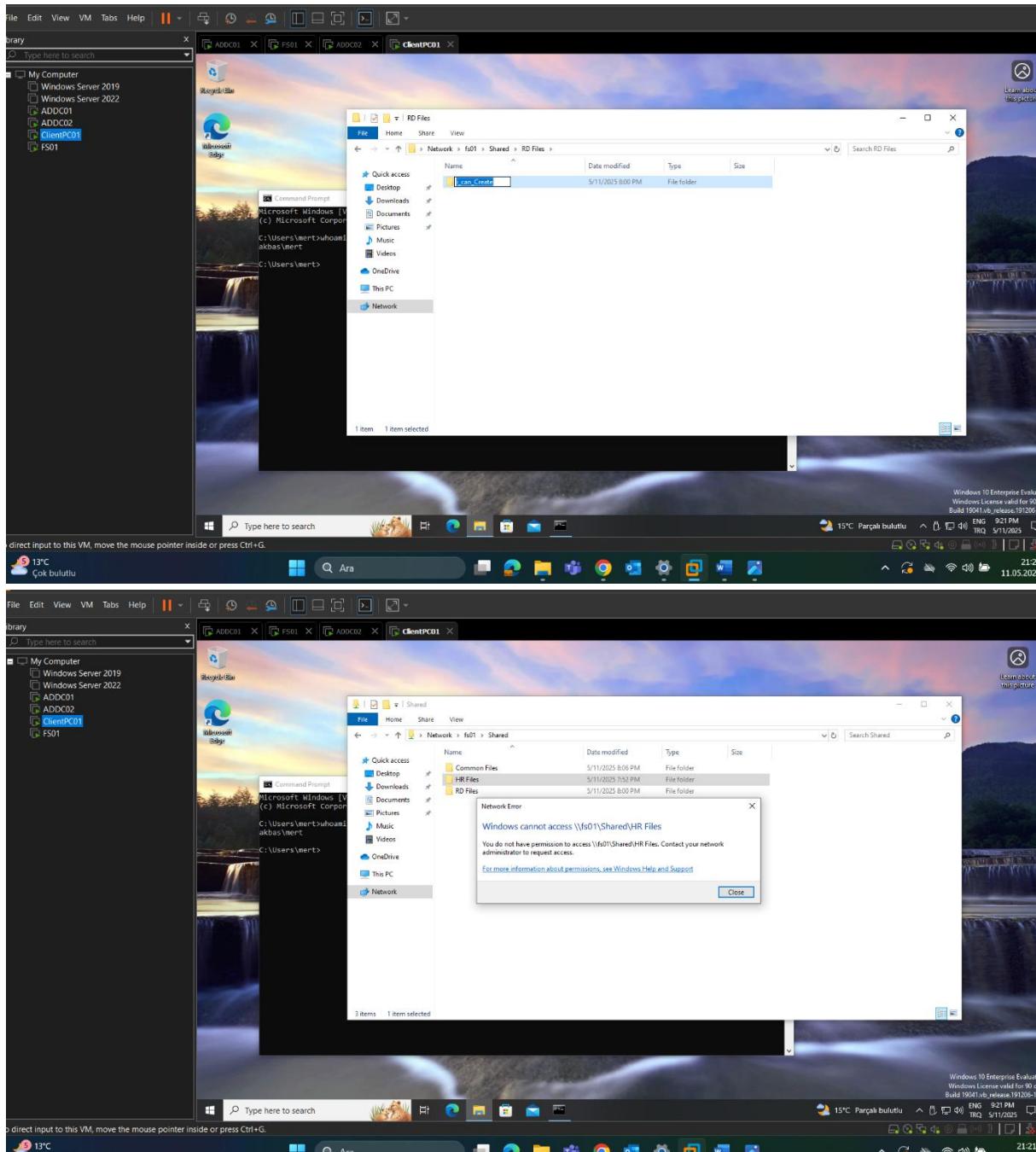
Advanced permissions:

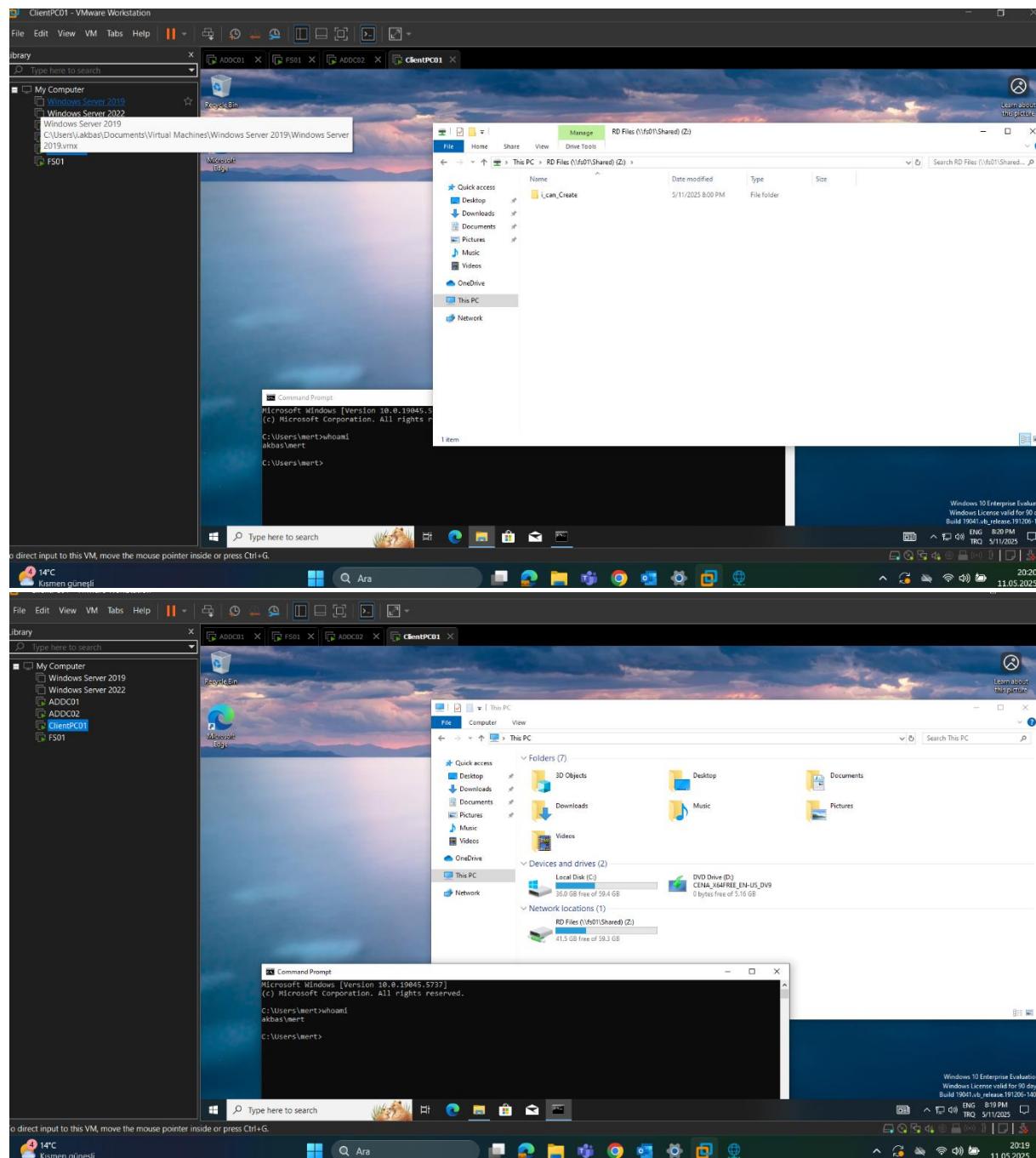
<input type="checkbox"/> Full control	<input checked="" type="checkbox"/> Write attributes
<input checked="" type="checkbox"/> Traverse folder / execute file	<input checked="" type="checkbox"/> Write extended attributes
<input checked="" type="checkbox"/> List folder / read data	<input checked="" type="checkbox"/> Delete subfolders and files
<input checked="" type="checkbox"/> Read attributes	<input checked="" type="checkbox"/> Delete
<input checked="" type="checkbox"/> Read extended attributes	<input checked="" type="checkbox"/> Read permissions
<input checked="" type="checkbox"/> Create files / write data	<input type="checkbox"/> Change permissions
<input checked="" type="checkbox"/> Create folders / append data	<input type="checkbox"/> Take ownership

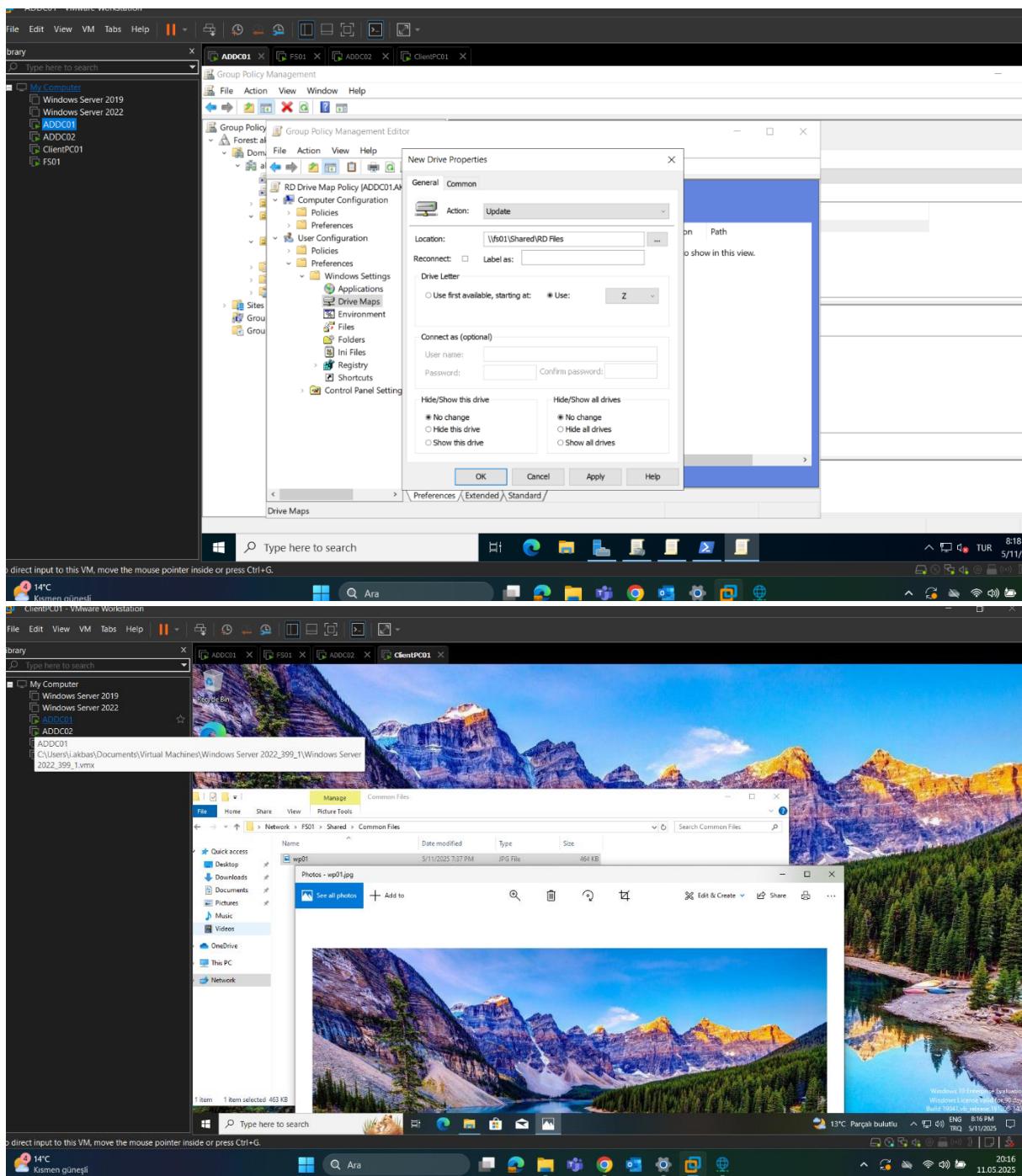












As a result, I created Redundant and Secure IT Infrastructure for a Small Business. I think screenshots are explaining everything that would be necessary. I couldn't take the earlier phases of screenshots such as installations. I hope it won't be a problem.