

# Applying User Authentication and Access Controls (4e)

Fundamentals of Information Systems Security, Fourth Edition - Lab 04

Student:

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Time on Task:

5 hours, 53 minutes

Progress:

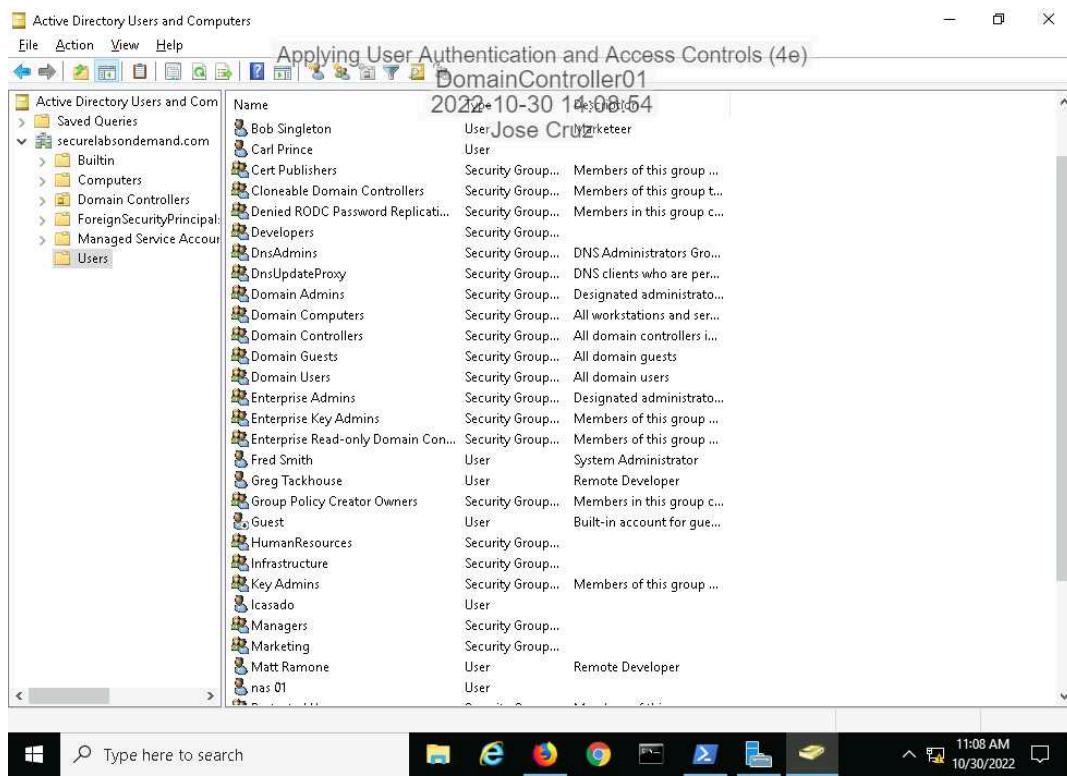
100%

Report Generated: Thursday, November 10, 2022 at 7:24 PM

## Section 1: Hands-On Demonstration

### Part 1: Create Users and Security Groups

31. Make a screen capture showing the new users and groups in Active Directory Users and Computers.

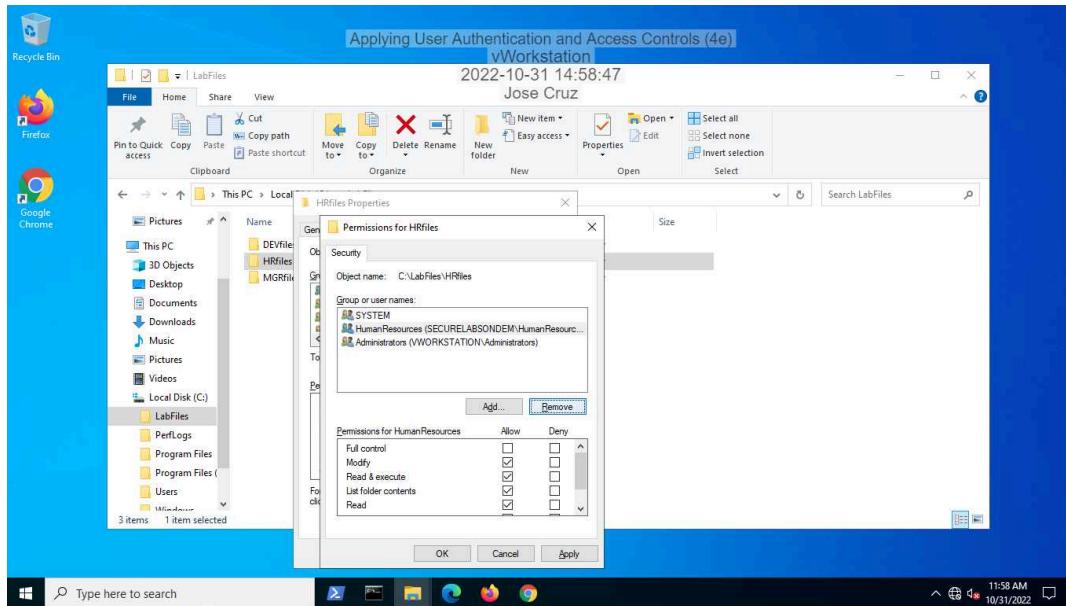


### Part 2: Create Folders and Configure Security Permissions

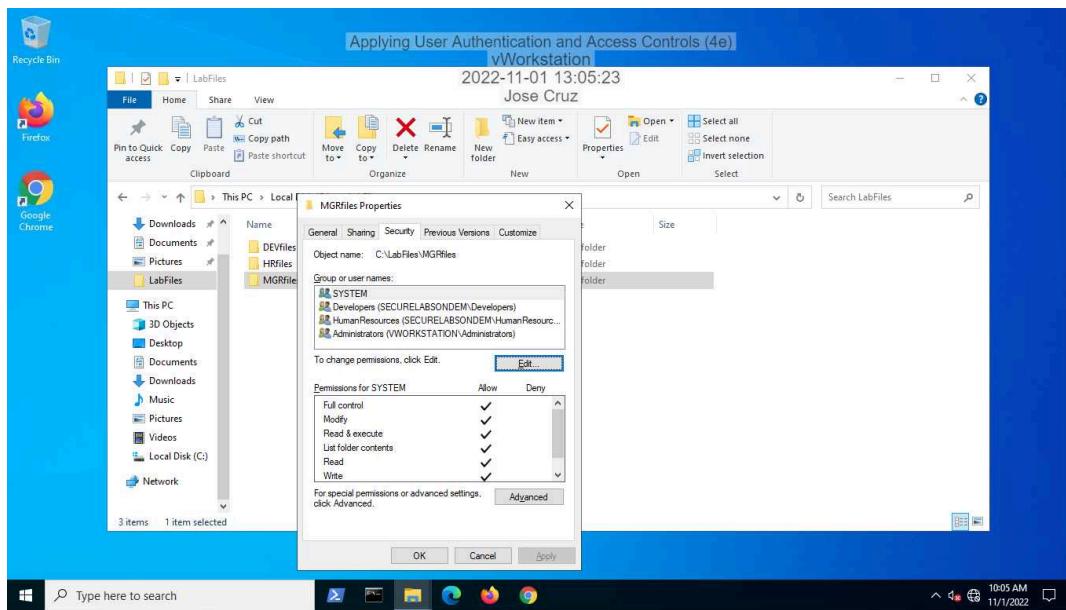
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34. Make a screen capture showing the updated Security permissions for the HRfiles folder.



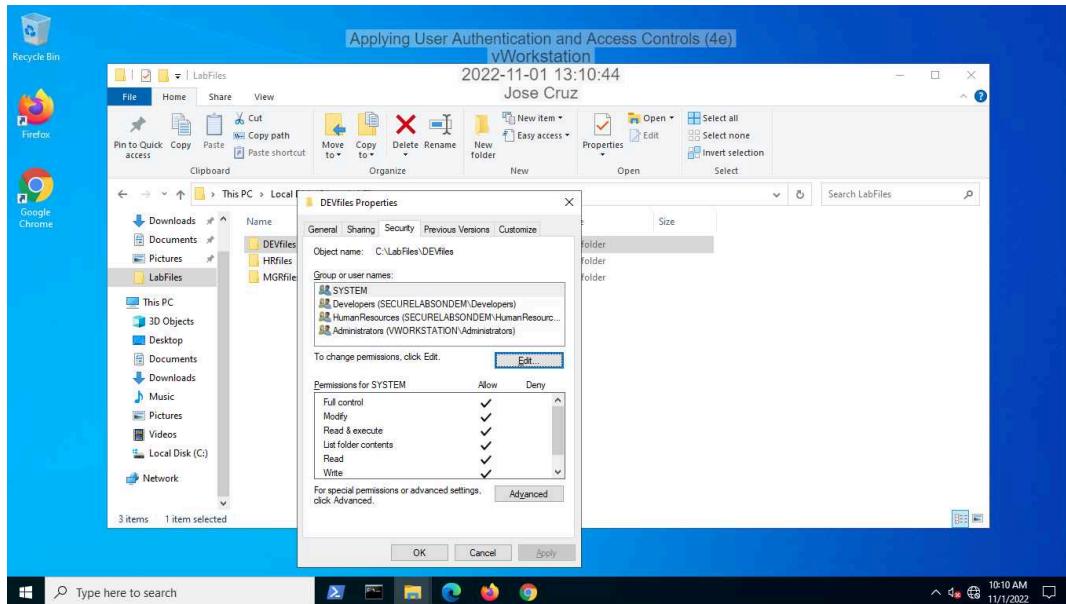
38. **Make a screen capture** showing the updated Security permissions for the MGRfiles folder.



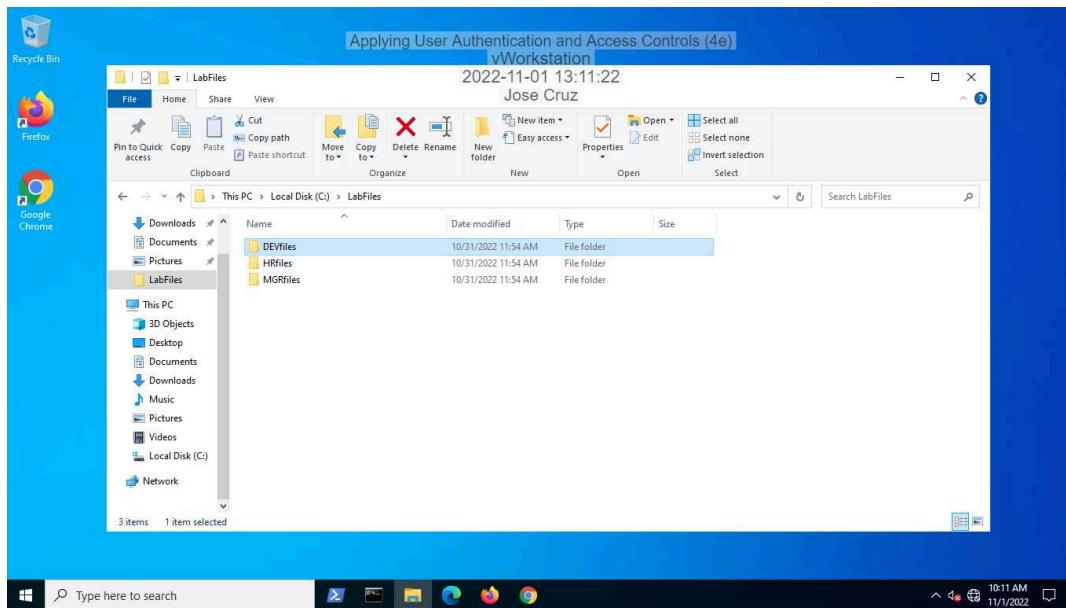
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41. Make a screen capture showing the updated Security permissions for the DEVfiles folder.



43. Make a screen capture showing the three folders within the LabFiles folder.

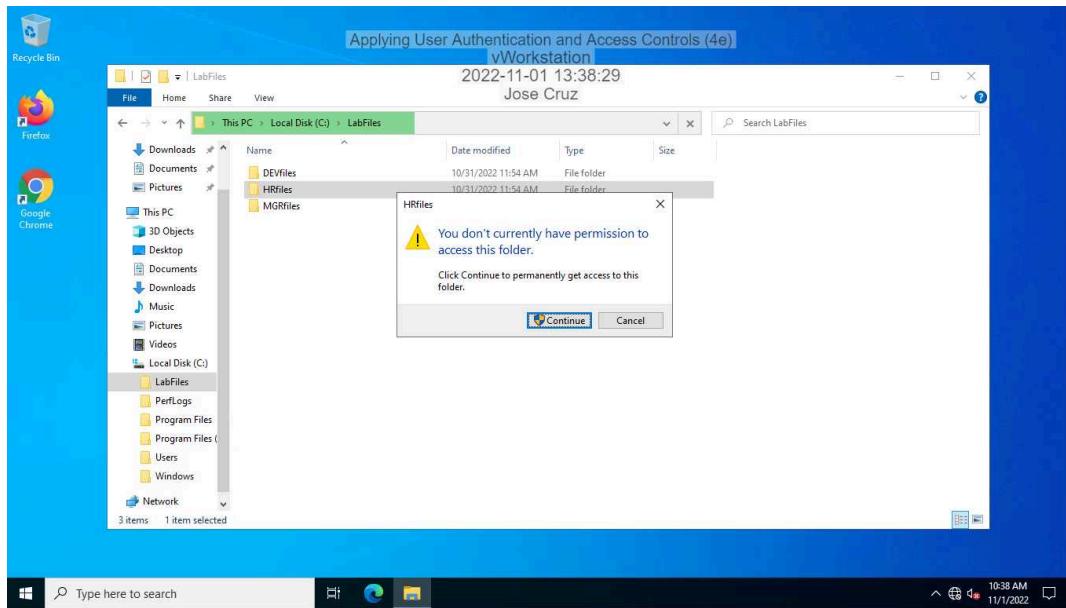


## Part 3: Verify Authentication and Access Controls

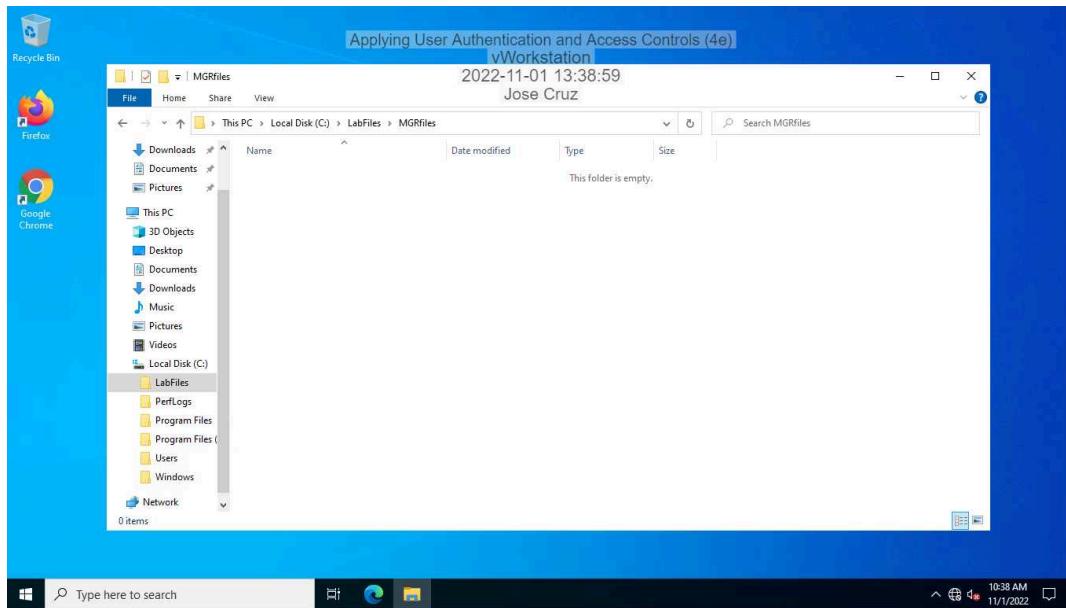
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6. Make a screen capture showing the unsuccessful access error message for the HRfiles folder as scarpenter.



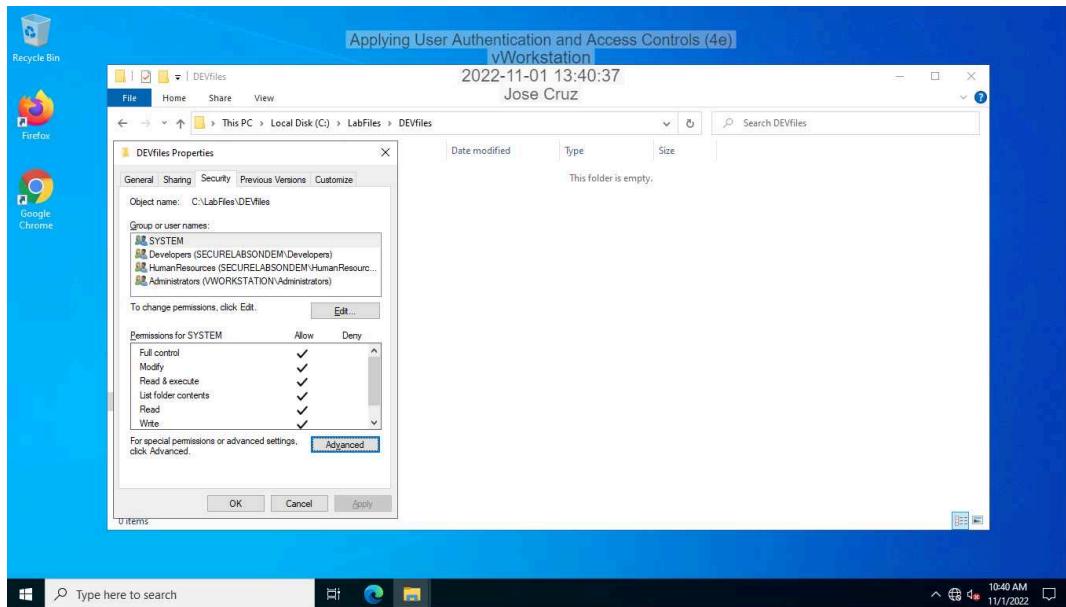
9. Make a screen capture showing the unsuccessful access error message for the MGRfiles folder as scarpenter.



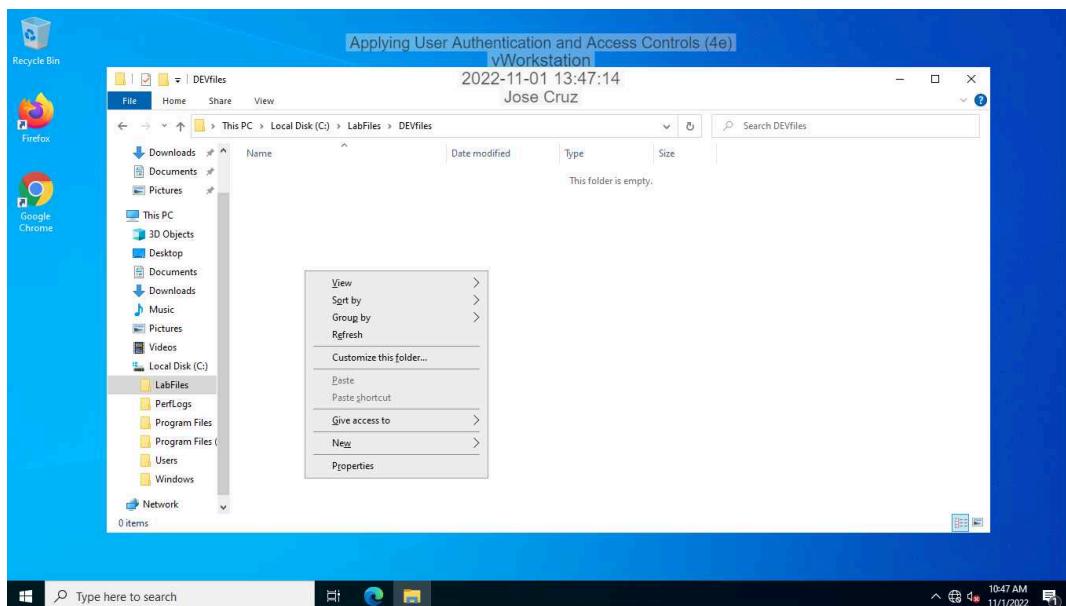
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15. Make a screen capture showing the **Properties dialog box** for the file created in the **DEVfiles** folder by **scarpenter**.



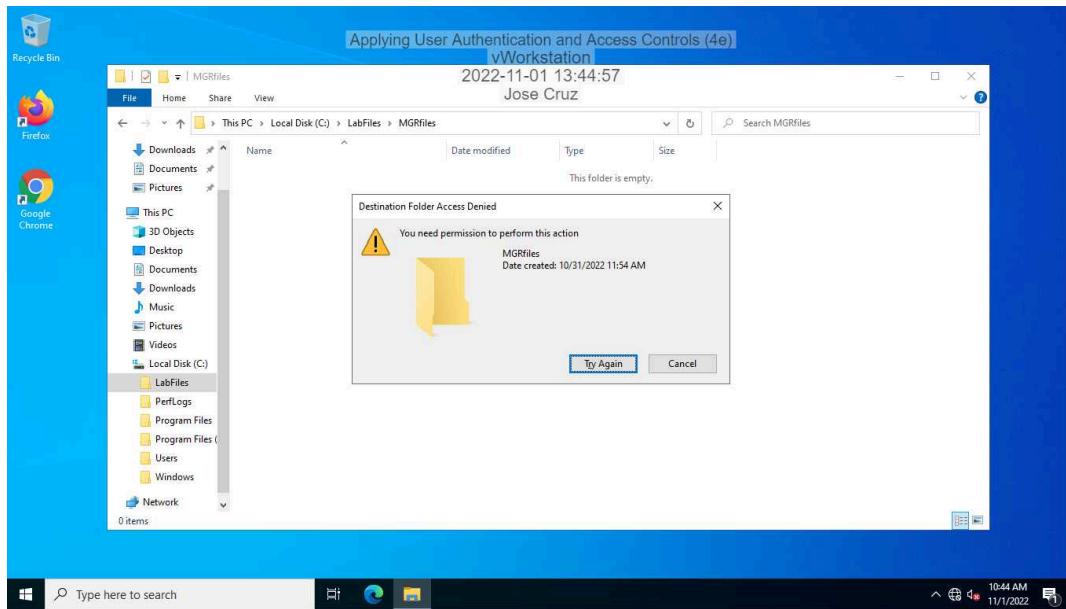
18. Make a screen capture showing the **Properties dialog box** for the file created in the **HRfiles** folder by **Icasado**.



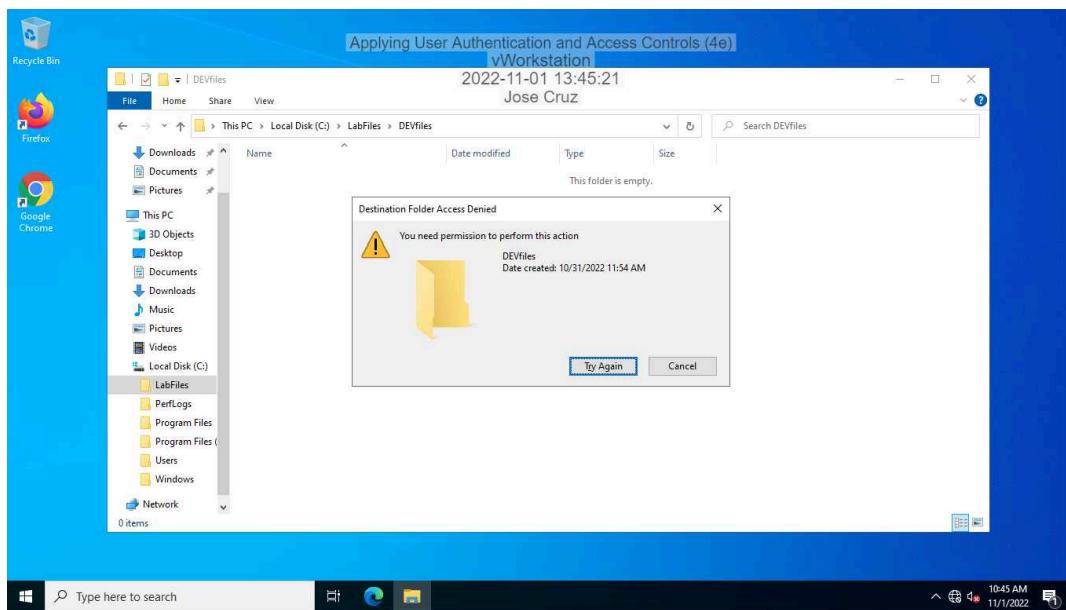
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19. Make a screen capture showing the unsuccessful access error message for the MGRfiles folder as Icasado.



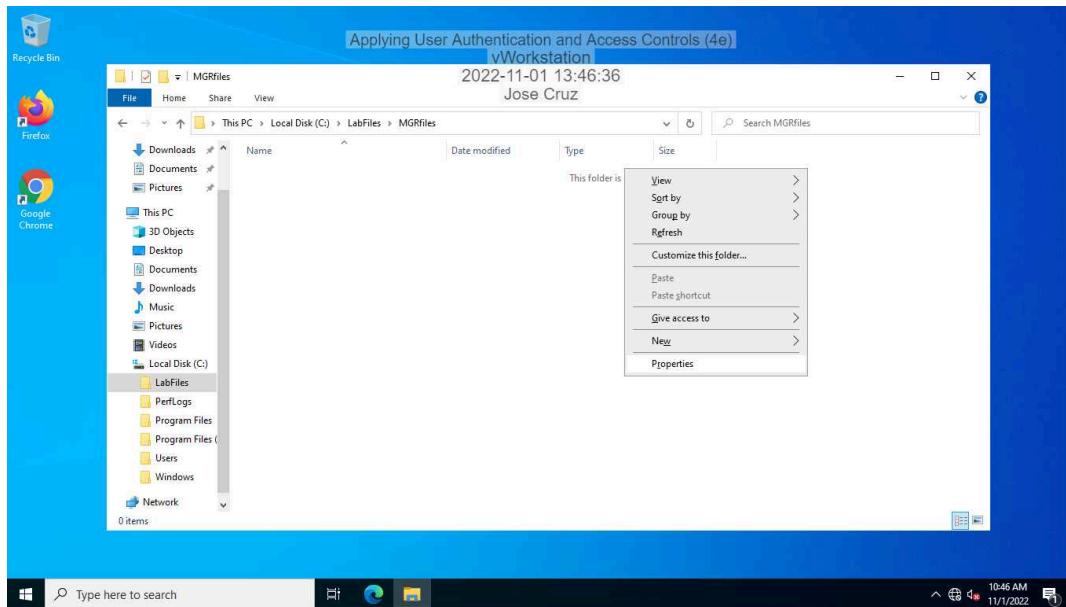
20. Make a screen capture showing the unsuccessful access error message for the DEVfiles folder as Icasado.



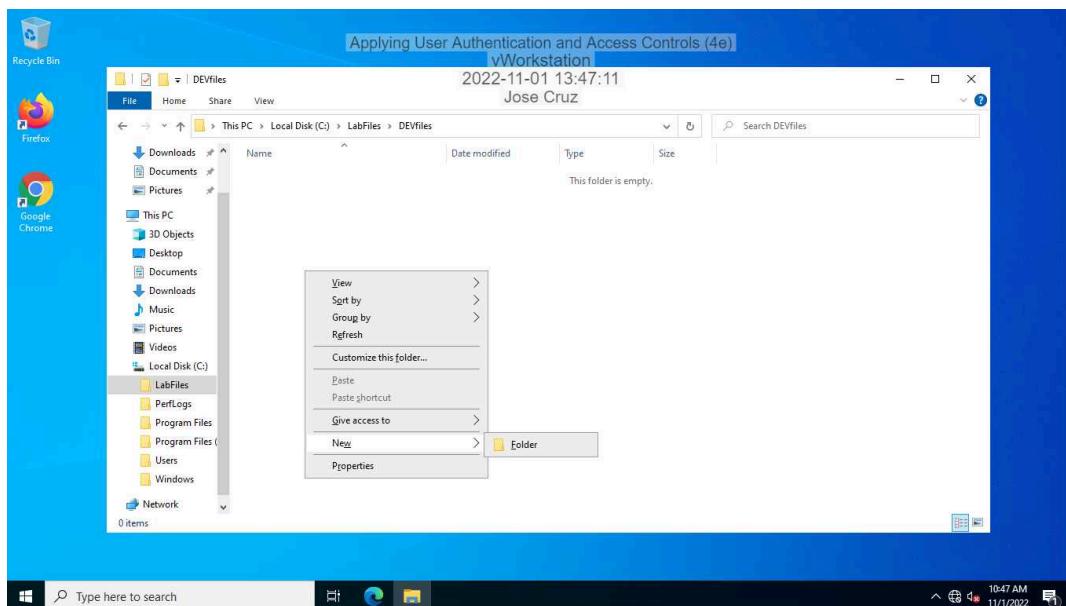
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21. Make a screen capture showing the **Properties dialog box** for the file created in the **MGRfiles** folder by cprince.



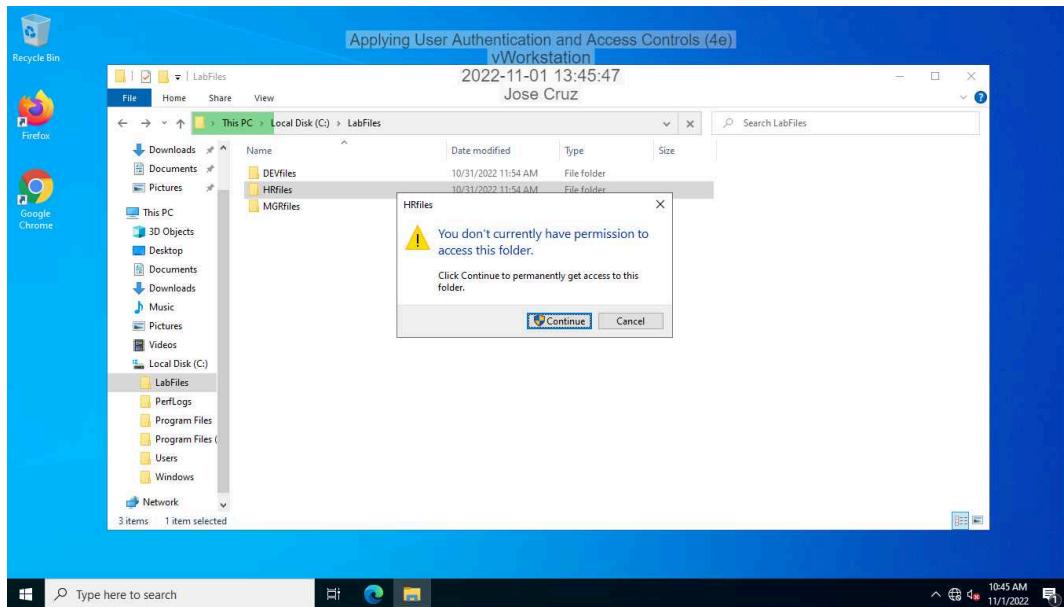
22. Make a screen capture showing the **Properties dialog box** for the file created in the **DEVfiles** folder by cprince.



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23. Make a screen capture showing the unsuccessful access error message for the HRfiles folder as cprince.



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## Section 2: Applied Learning

### Part 1: Create an SMB Share

19. Make a screen capture showing the Employees dataset on the TrueNAS Pools page.

The screenshot shows the TrueNAS web interface with the URL `172.30.0.5/ui/storage/pools`. The page title is "Storage / Pools". On the left sidebar, under the "Storage" section, "Pools" is selected. The main table displays the "tank" pool, which is "ONLINE" and has 21.76 MB used out of 2.6 GB free. A single dataset named "Employees" is listed under the tank pool, with its details: Type: FILESYSTEM, Used: 96 KB, Available: 2.6 GB, Compression: lz4, Compression Ratio: 11.19, Readonly: false, Dedup: OFF. The browser status bar at the bottom indicates the date and time as 11/1/2022 6:43 PM.

### Part 2: Create Shared Folders and Configure ACLs

9. Make a screen capture showing the three new datasets on the TrueNAS Pools page.

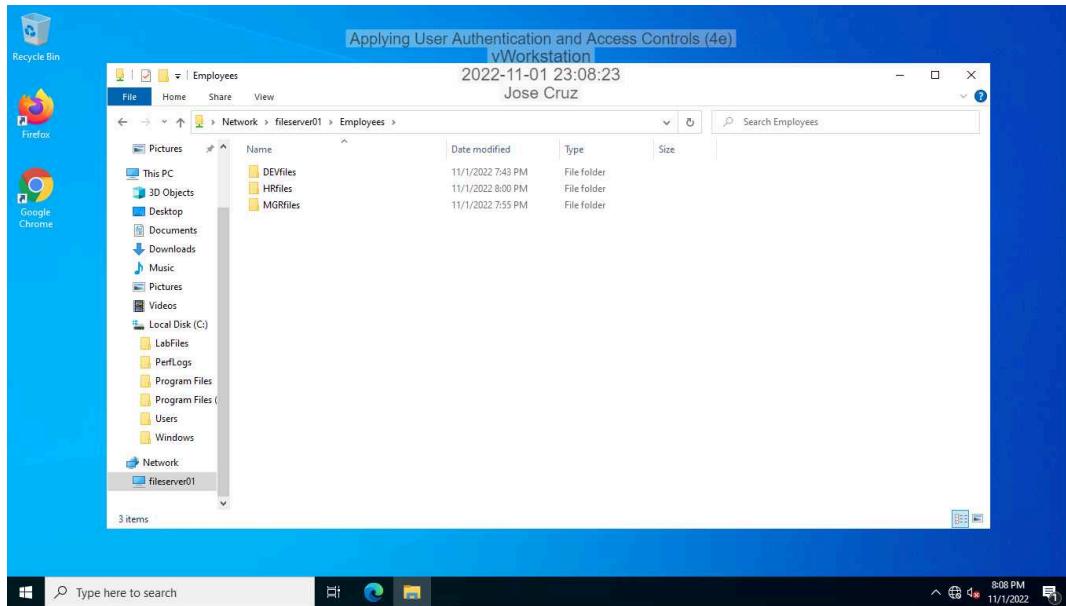
The screenshot shows the TrueNAS web interface with the URL `172.30.0.5/ui/storage/pools`. The page title is "Storage / Pools". On the left sidebar, under the "Storage" section, "Pools" is selected. The main table displays the "tank" pool, which is "ONLINE" and has 22.71 MB used out of 2.6 GB free. Five datasets are listed under the tank pool: "Employees", "DEVfiles", "HRfiles", "MGRfiles", and "SMBfiles". The "DEVfiles" dataset is currently selected, highlighted with a blue background. The browser status bar at the bottom indicates the date and time as 11/1/2022 8:01 PM.

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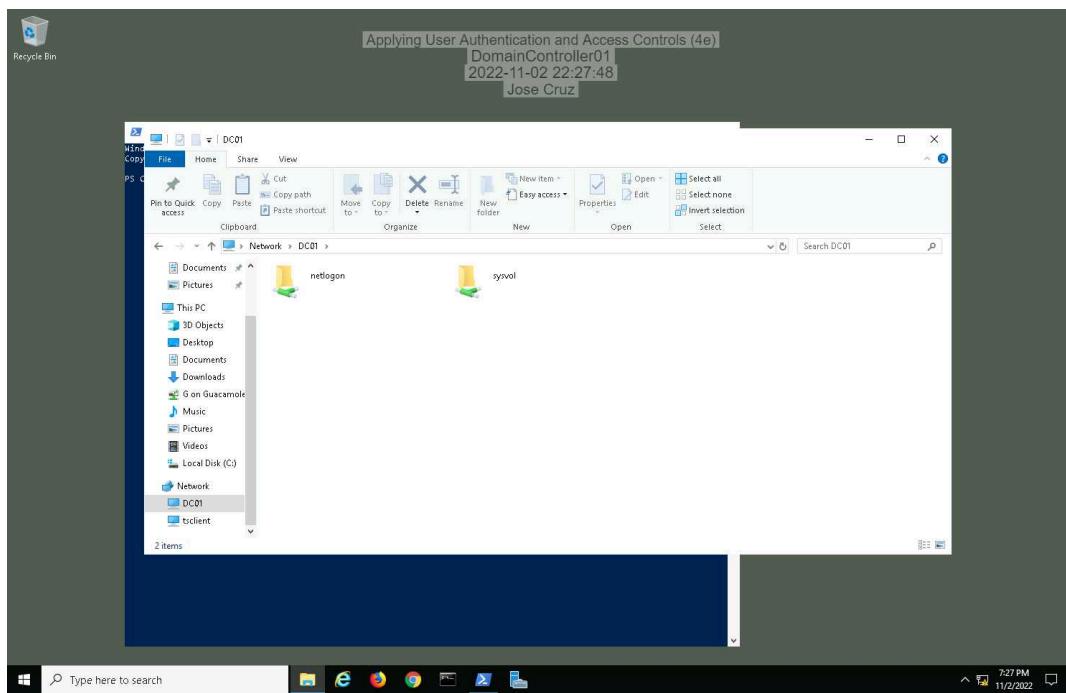
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## Part 3: Verify Access Controls

6. Make a screen capture showing the Employees folder while signed in as scarpenter.



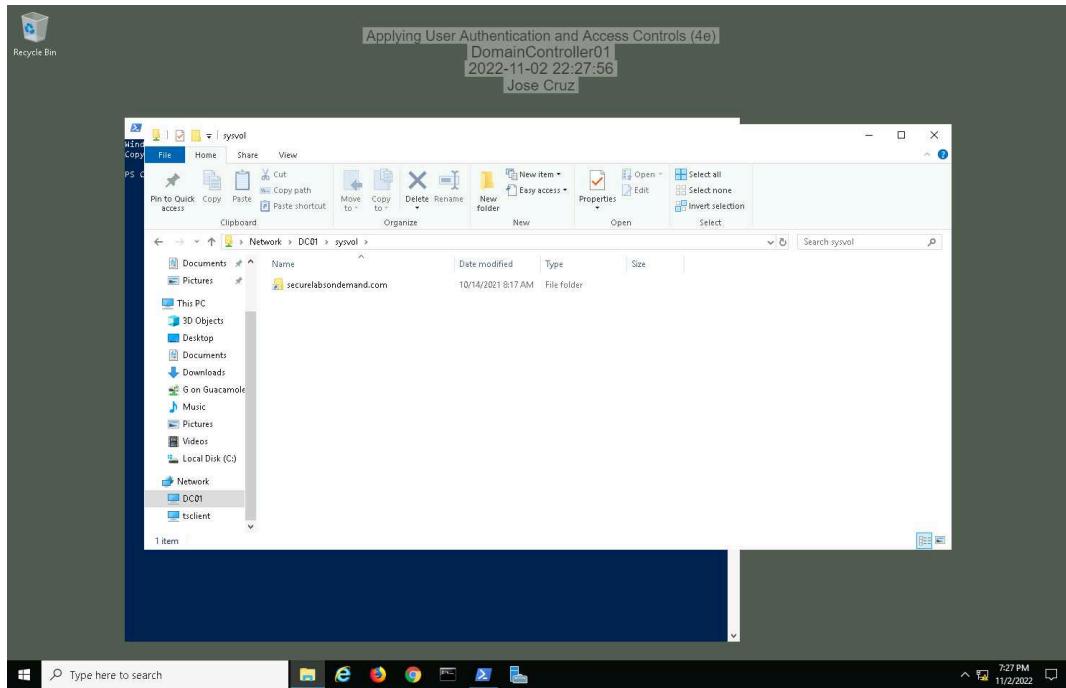
9. Make a screen capture showing the Employees folder while signed in as Icasado.



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10. Make a screen capture showing the Employees folder while signed in as cprince.



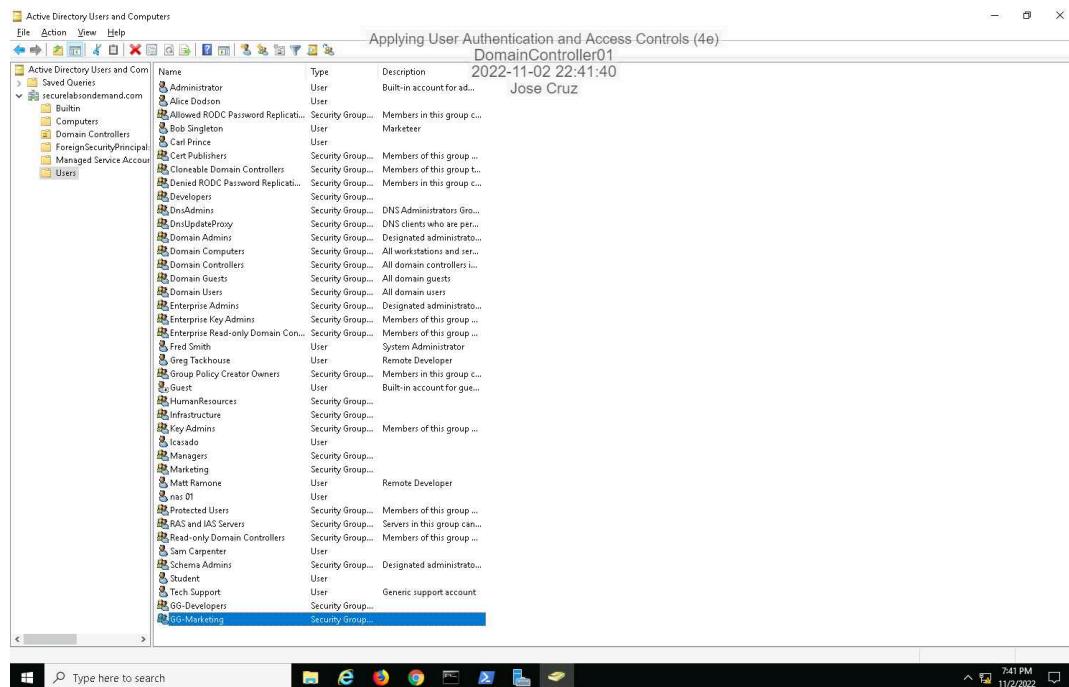
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## Section 3: Challenge and Analysis

### Part 1: Create Users and Security Groups

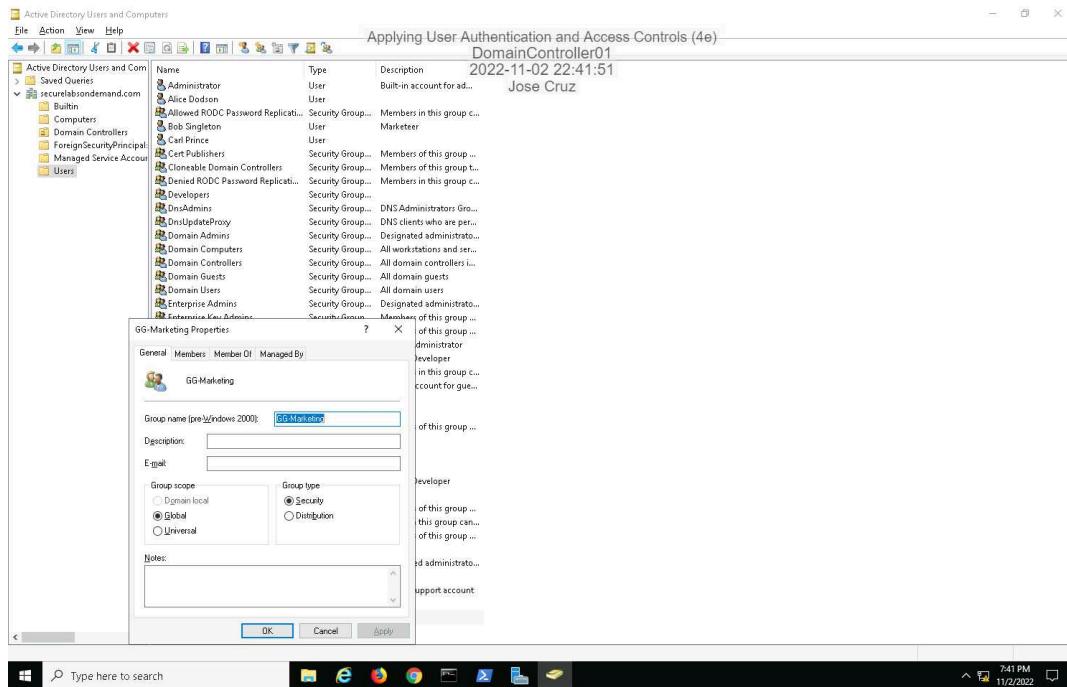
Make a screen capture showing the Member Of tab of the Properties dialog box for Abernathy Bobbleshaw.



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Make a screen capture showing the Member Of tab of the Properties dialog box for Leslie Wu.



## Part 2: Create Shared Folders and Configure ACLs

Make a screen capture showing the new GG Studios datasets on the TrueNAS Pools page.

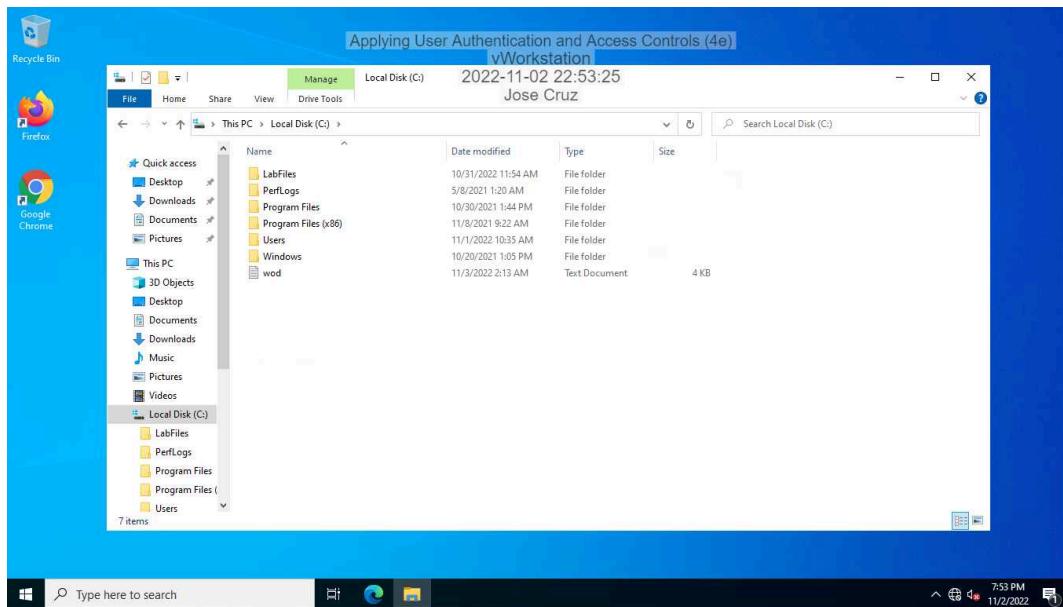
The screenshot shows the TrueNAS web interface at the URL 172.30.0.5/ui/storage/pools. The left sidebar shows navigation options like Dashboard, Accounts, System, Tasks, Network, Storage (selected), Pools (selected), Snapshots, VMware-Snapshots, Disks, Import Disk, Directory Services, Sharing, and Services. The main content area is titled 'Pools' and displays a table of datasets. The table includes columns for Name, Type, Used, Available, Compression, Compression Ratio, Readonly, Dedup, and Comments. The datasets listed are 'tank' (System Dataset Pool, ONLINE, 23.32 MB used, 2.6 GB free), 'Employees' (FILESYSTEM, 384 kB used, 2.6 GB available, Inherited (lz4)), 'GG\_DEVFILES' (FILESYSTEM, 96 kB used, 2.6 GB available, Inherited (lz4)), and 'GG\_MARKFILES' (FILESYSTEM, 96 kB used, 2.6 GB available, Inherited (lz4)). An 'ADD' button is located in the top right corner of the pool list.

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## Part 3: Verify Authentication and Access Controls

Make a screen capture showing the Employees folder while signed in as abobleshaw.



Make a screen capture showing the Employees folder while signed in as lwu.

