

Applying User Authentication and Access Controls (4e)

Fundamentals of Information Systems Security, Fourth Edition - Lab 04

Student:

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Time on Task:

8 hours, 36 minutes

Progress:

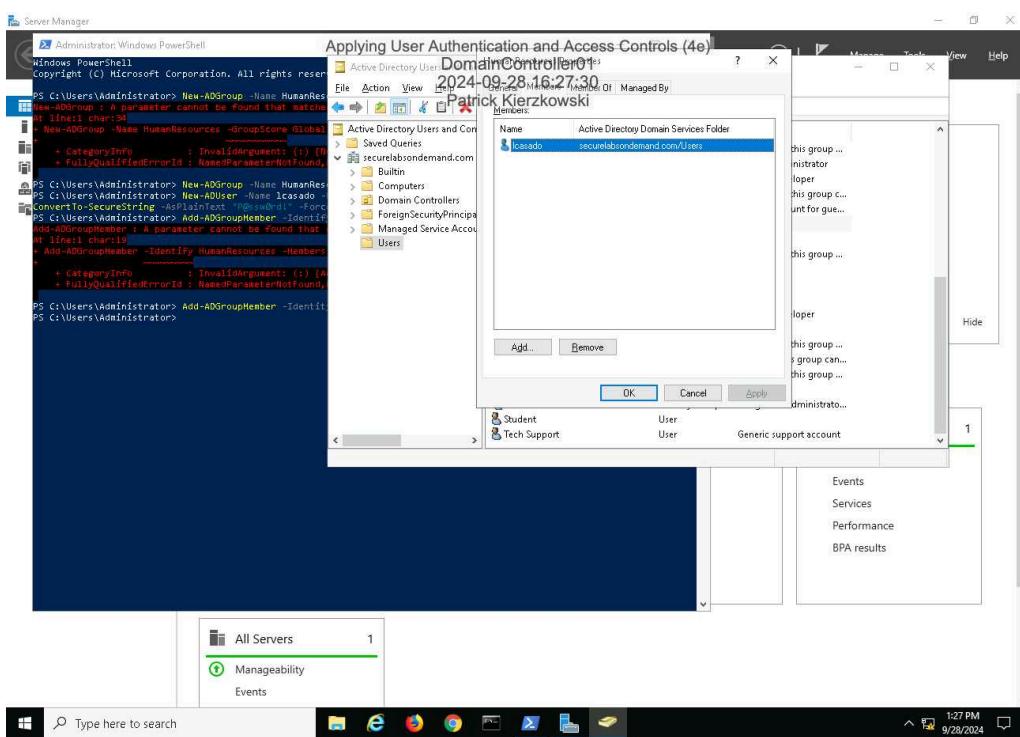
100%

Report Generated: Monday, July 7, 2025 at 9:49 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.

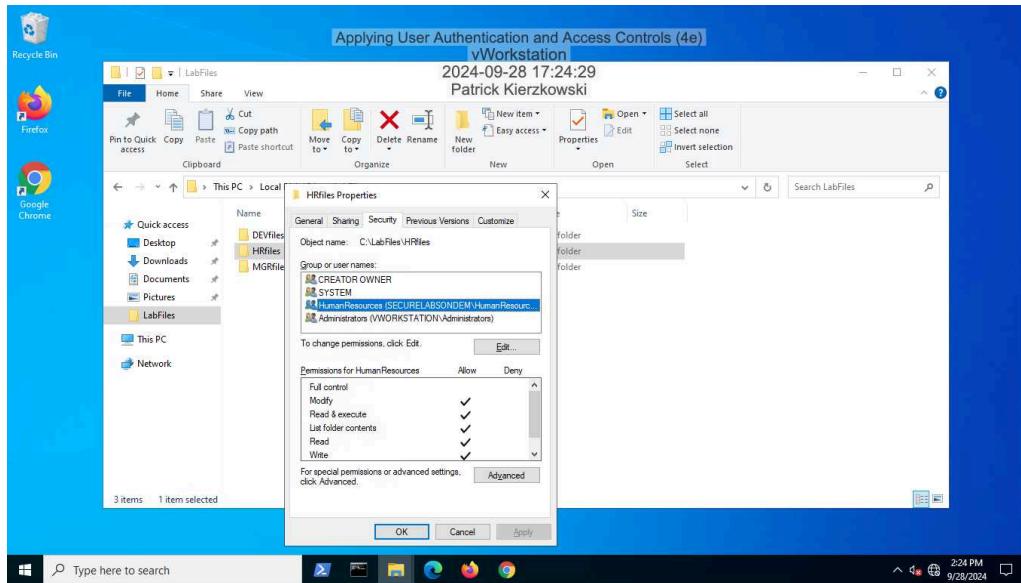


Part 2: Create Folders and Configure Security Permissions

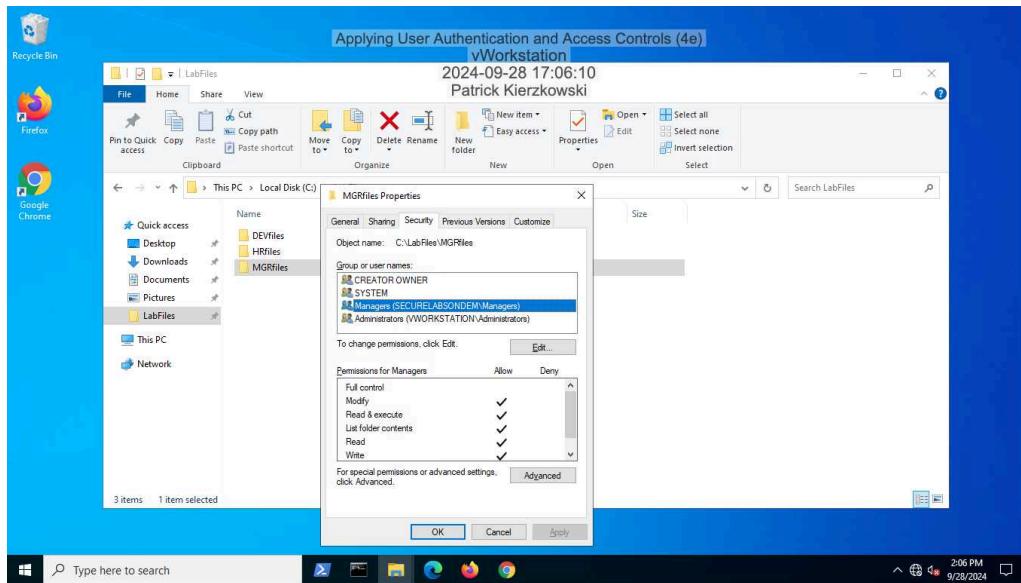
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35. Make a screen capture showing the updated Security permissions for the HRfiles folder.



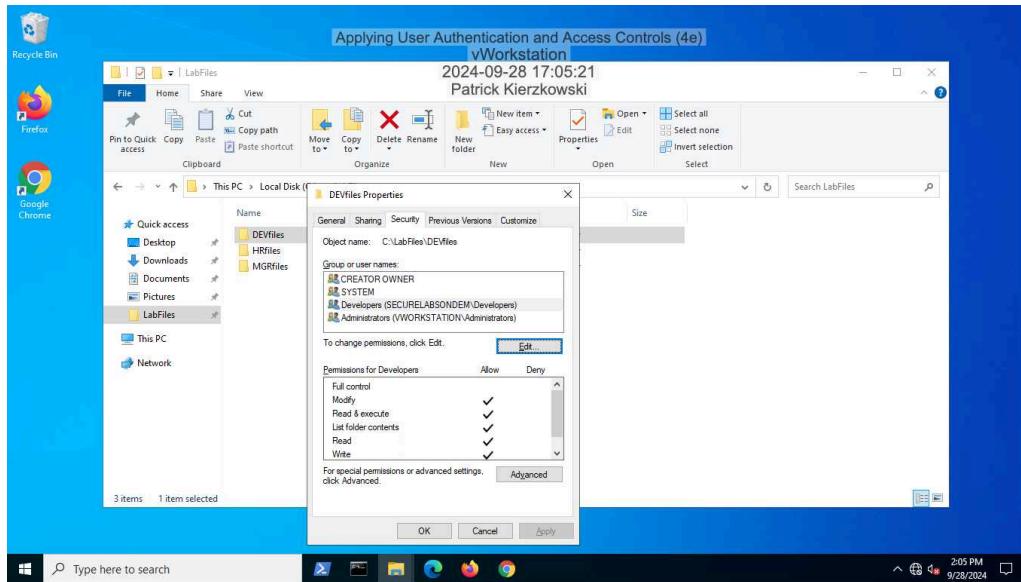
39. Make a screen capture showing the updated Security permissions for the MGRfiles folder.



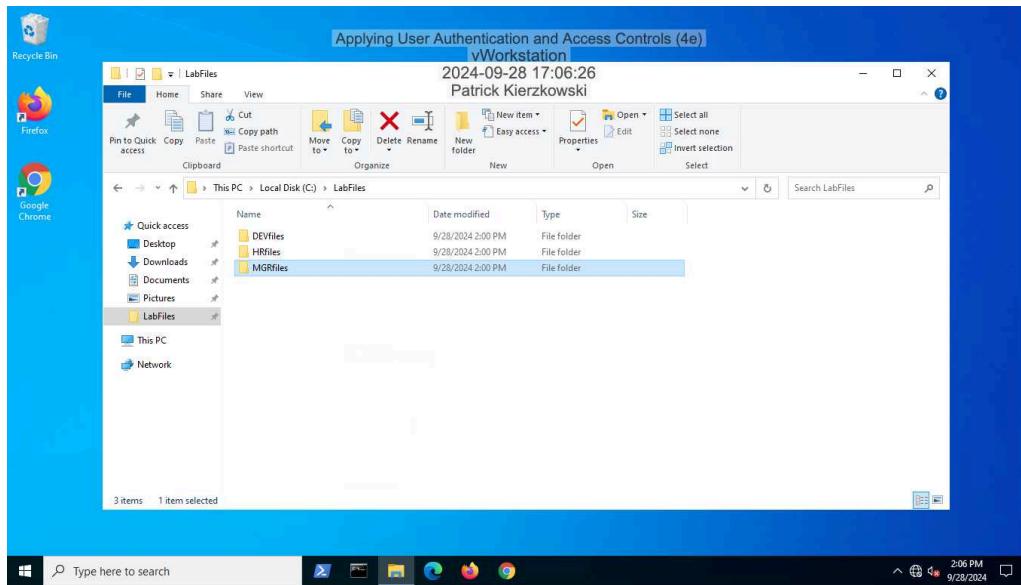
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42. Make a screen capture showing the updated Security permissions for the DEVfiles folder.



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

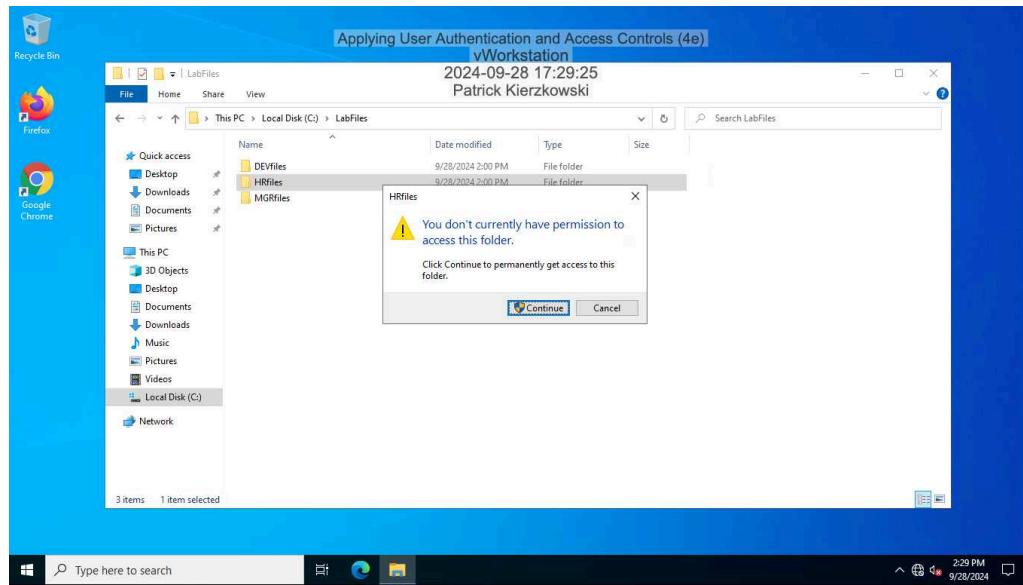


Part 3: Verify Authentication and Access Controls

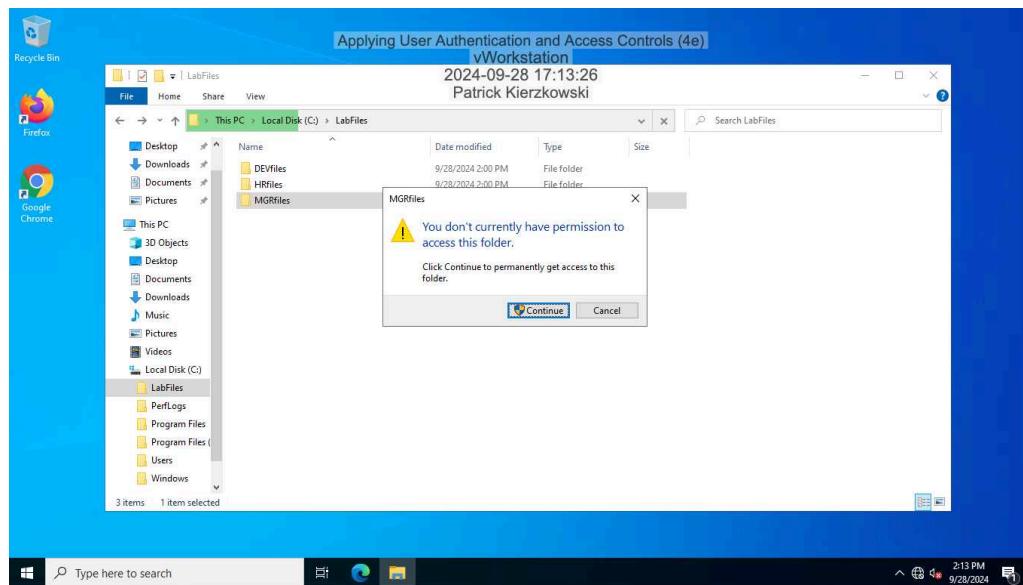
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6. Make a screen capture showing the unsuccessful access error message for the HRfiles folder as scarpenter.



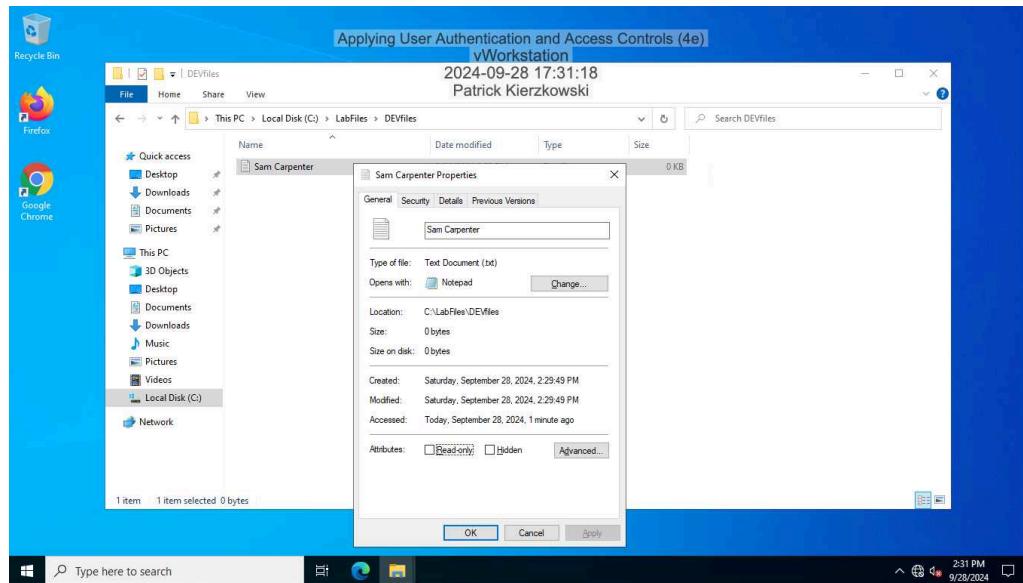
9. Make a screen capture showing the unsuccessful access error message for the MGRfiles folder as scarpenter.



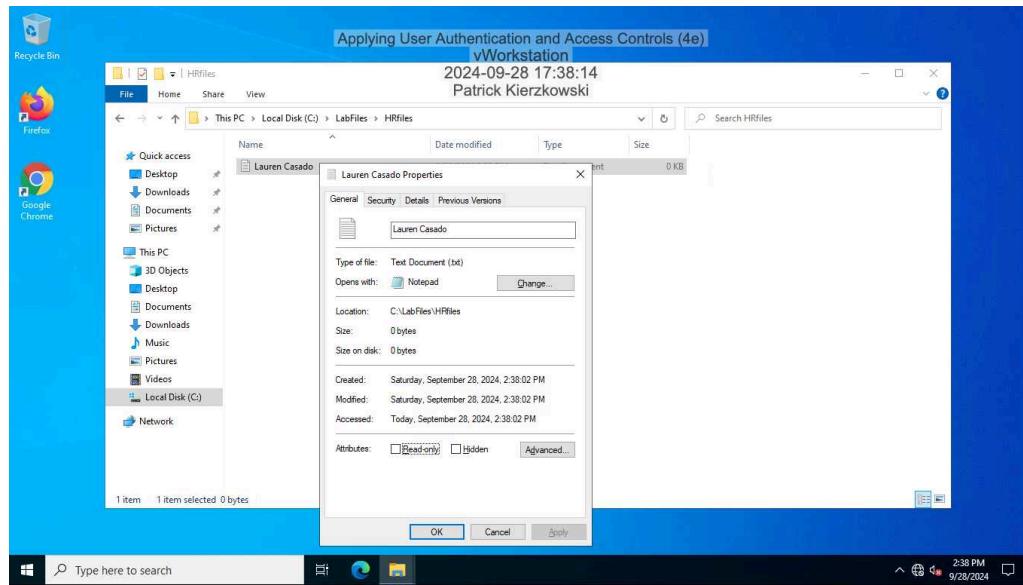
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15. Make a screen capture showing the Properties dialog box for the file created in the DEVfiles folder by scarpenter.



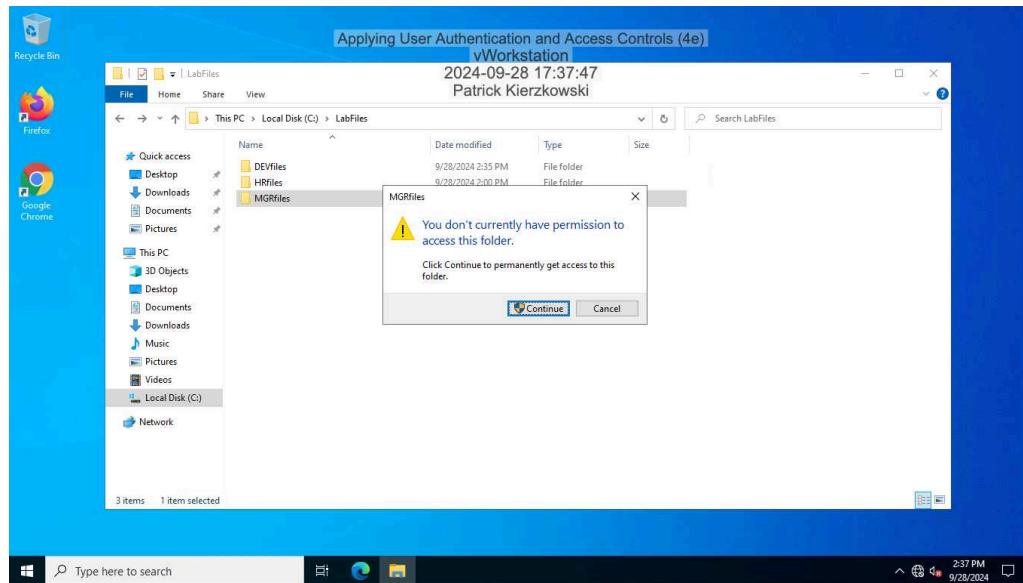
18. Make a screen capture showing the Properties dialog box for the file created in the HRfiles folder by lcasado.



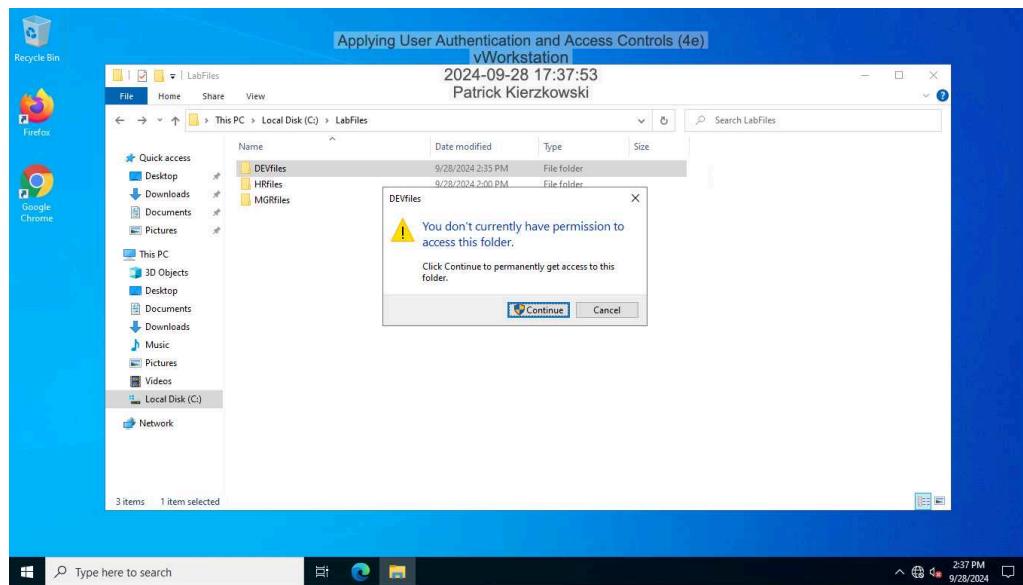
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19. Make a screen capture showing the unsuccessful access error message for the MGRfiles folder as Icasado.



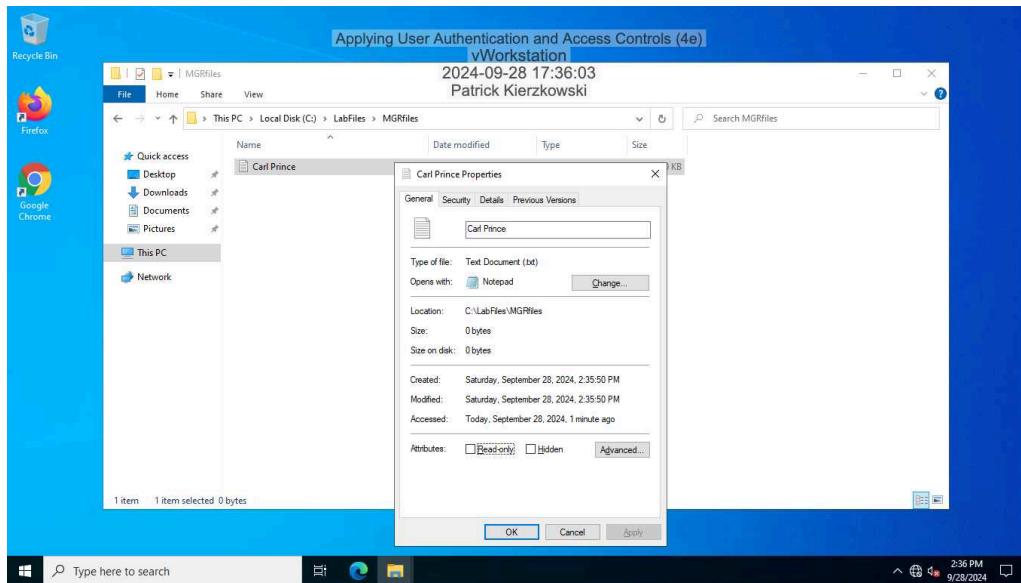
20. Make a screen capture showing the unsuccessful access error message for the DEVfiles folder as Icasado.



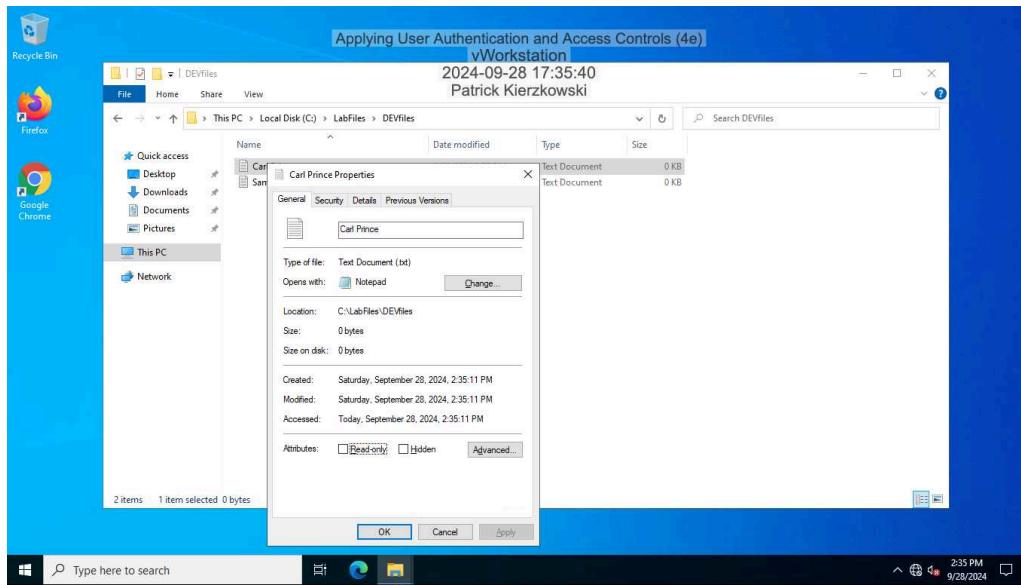
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21. Make a screen capture showing the Properties dialog box for the file created in the MGRfiles folder by cprince.



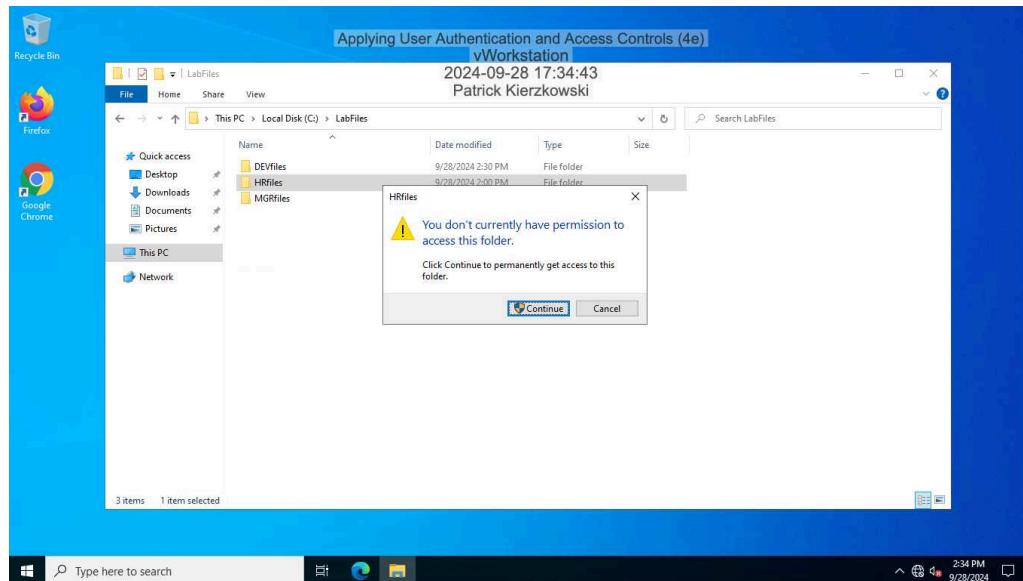
22. Make a screen capture showing the Properties dialog box for the file created in the DEVfiles folder by cprince.



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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, there is a sidebar with navigation links: root, Dashboard, Accounts, System, Tasks, Network, Storage (selected), Pools (selected), Snapshots, VMware-Snapshots, Disks, Import Disk, Directory Services, Sharing, Services, Plugins, and Jails. The main content area displays a table for the "tank" pool, which is described as a "System Dataset Pool" and is "ONLINE" with a green checkmark. The table has columns: Name, Type, Used, Available, Compression, Compression Ratio, Readonly, Dedup, and Comments. One row is expanded to show details for the "Employees" dataset, which is also a FILESYSTEM type with 96 KiB used and 2.6 GiB available. The status for compression and dedup is OFF. The bottom right corner of the interface shows the date and time as 2024-09-28 17:52:29 and the IP address 172.30.0.5.

Part 2: Create Shared Folders and Configure ACLs

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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 "Applying User Authentication and Access Controls (4e)". The main content area is titled "Pools" and lists the following datasets:

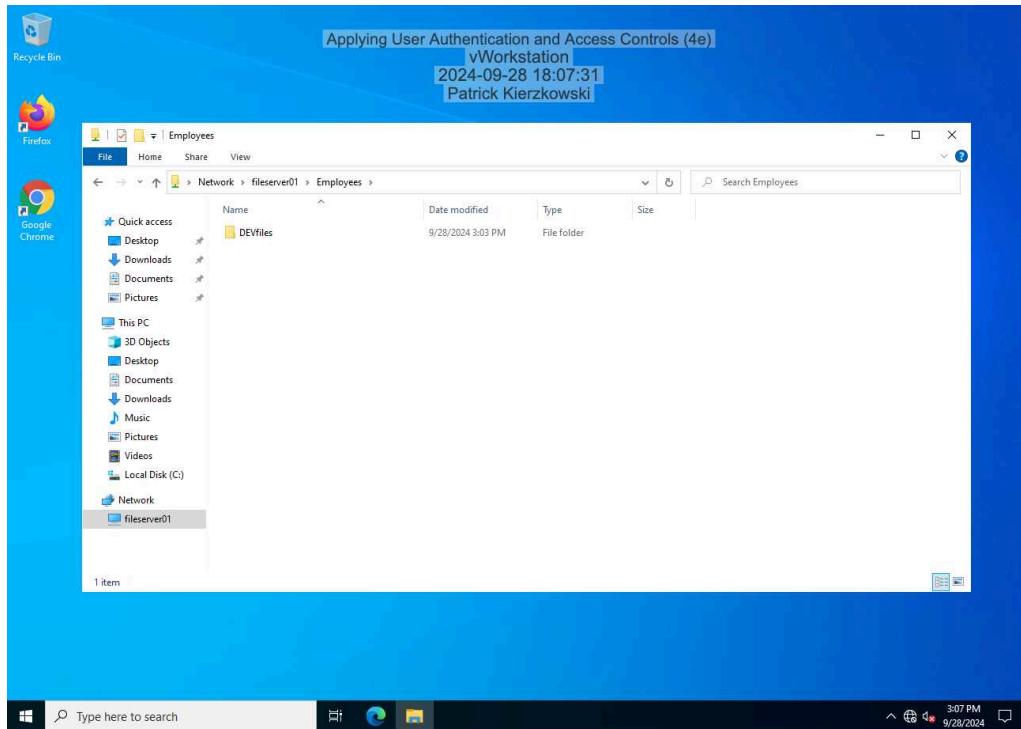
Name	Type	Used	Available	Compression	Compression Ratio	Readonly	Dedup	Comments
tank (System Dataset Pool)	ONLINE	22.31 MiB (1%) Used	2.6 GiB Free					
Employees	FILESYSTEM	384 KiB	2.6 GiB	Inherits (lz4)	1.00	false	OFF	
DEVfiles	FILESYSTEM	96 KiB	2.6 GiB	Inherits (lz4)	1.00	false	OFF	
HRfiles	FILESYSTEM	96 KiB	2.6 GiB	Inherits (lz4)	1.00	false	OFF	
MGRfiles	FILESYSTEM	96 KiB	2.6 GiB	Inherits (lz4)	1.00	false	OFF	

Part 3: Verify Access Controls

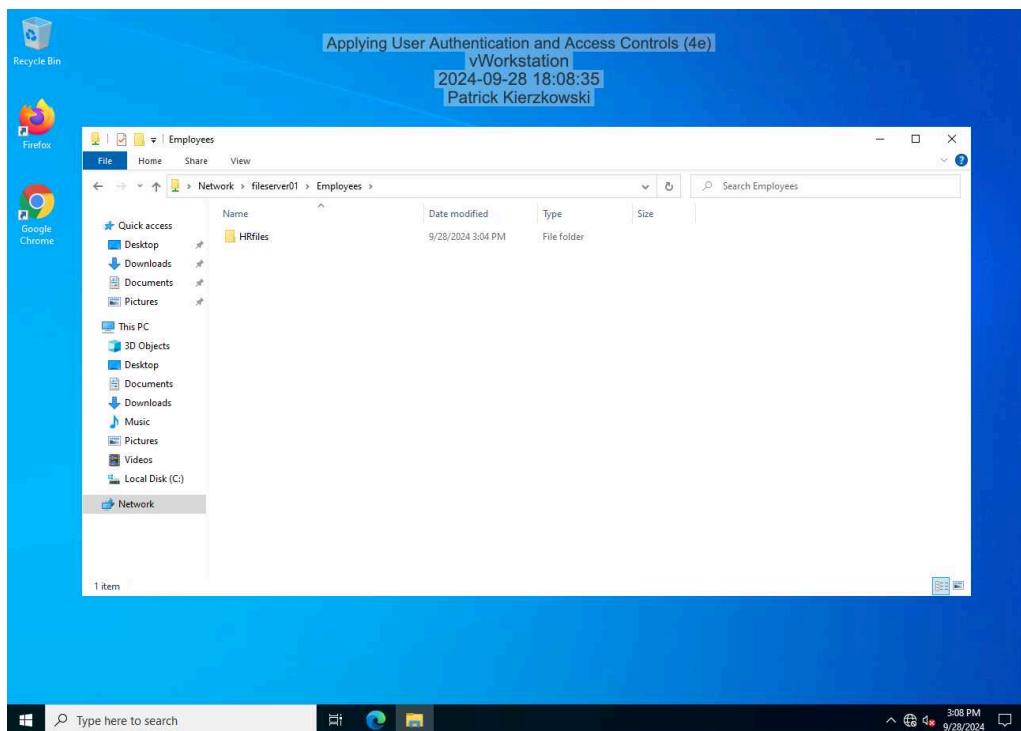
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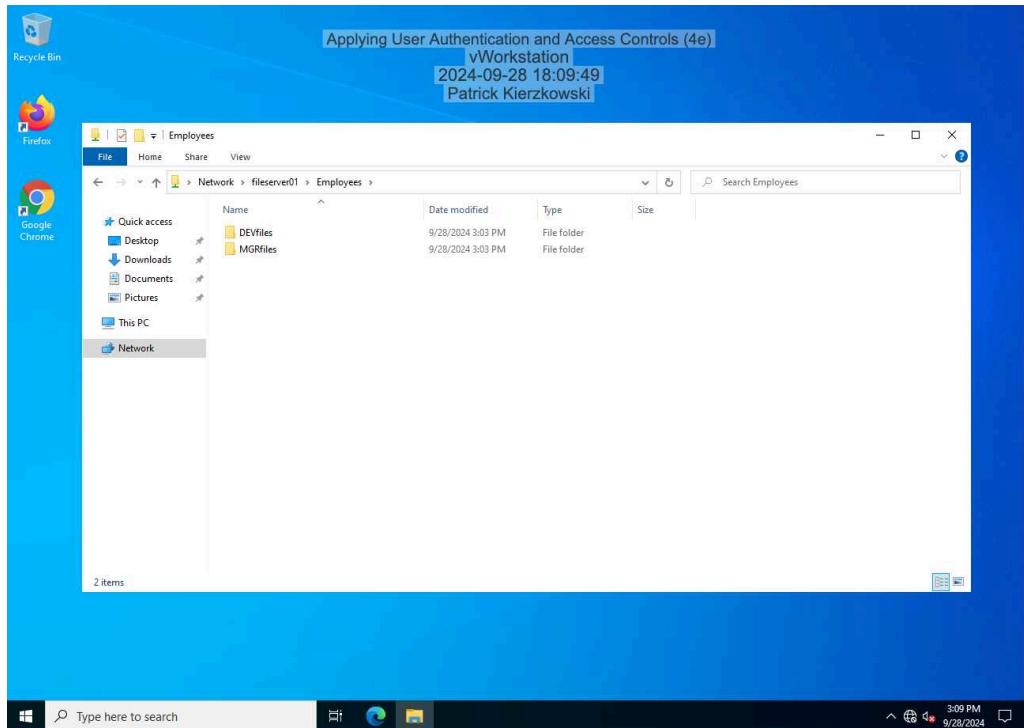
6. Make a screen capture showing the Employees folder while signed in as scarpenter.



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



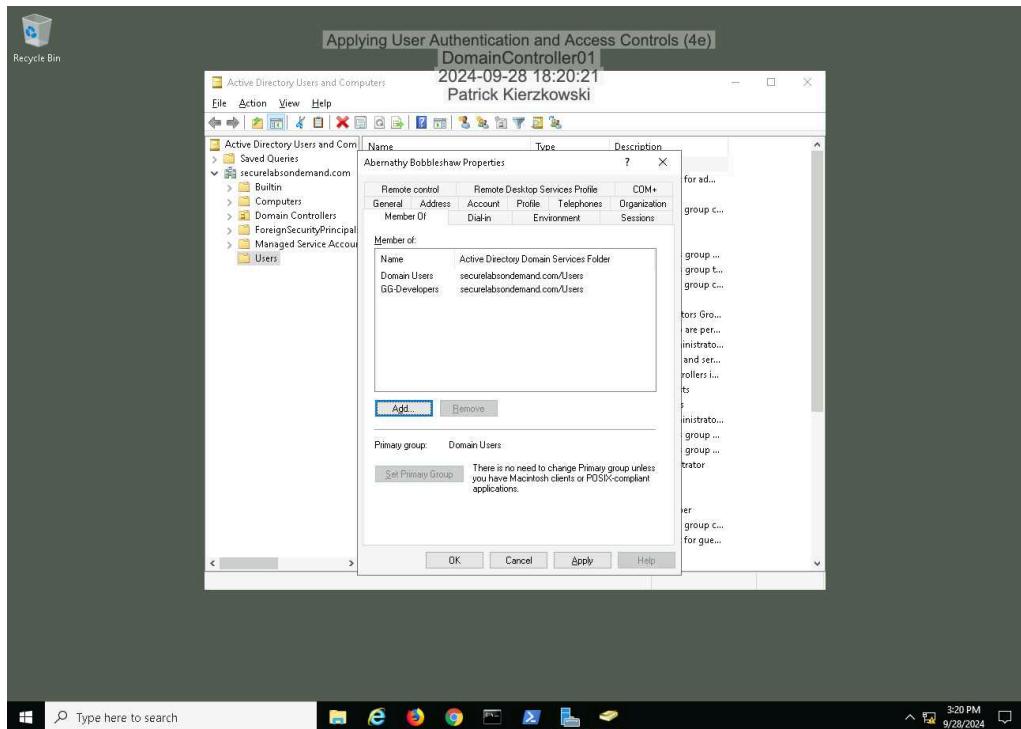
10. Make a screen capture showing the Employees folder while signed in as cprince.



Section 3: Challenge and Analysis

Part 1: Create Users and Security Groups

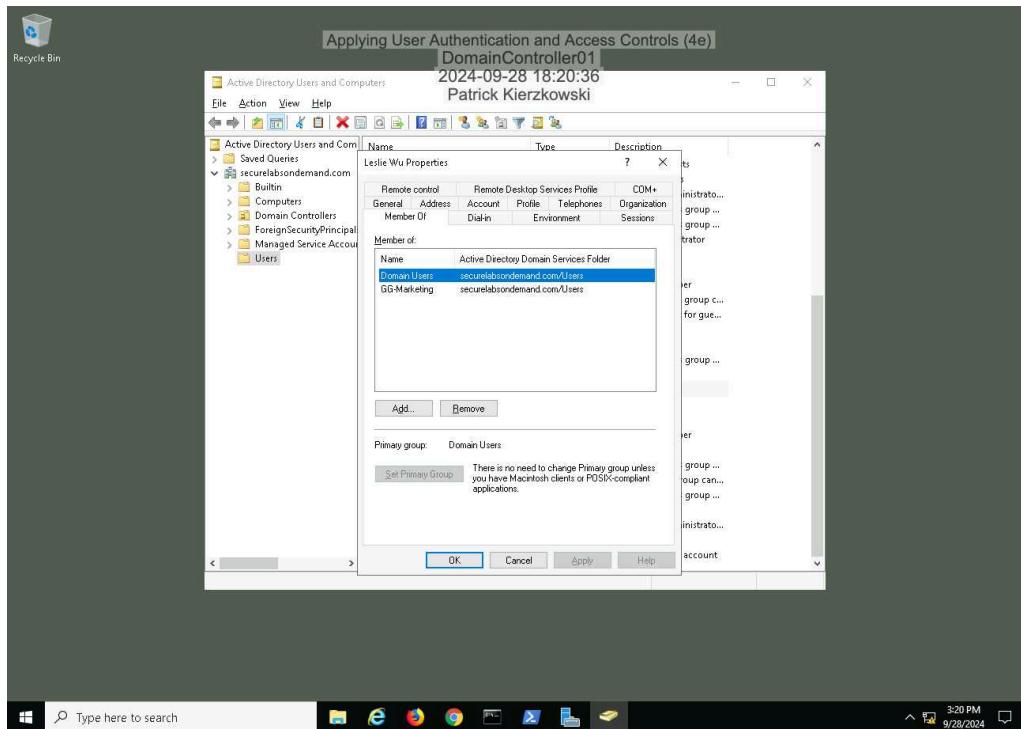
Make a screen capture showing the Member Of tab of the Properties dialog box for Abernathy Bobbleshaw.



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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

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

The screenshot shows the TrueNAS web interface with the URL `172.30.0.5/ui/storage/pools`. The left sidebar is open, showing the navigation menu with 'Storage' selected. The main content area is titled 'Pools' and lists the 'tank' pool, which is described as a 'System Dataset Pool' and is currently 'ONLINE'. The pool has 22.83 MiB (1%) Used and 2.6 GiB Free. Below the main pool information, there is a table listing datasets within the 'tank' pool. One dataset, 'Employees', is expanded, showing its details: Type: FILESYSTEM, Used: 576 KIB, Available: 2.6 GiB, Compression: lz4, Compression Ratio: 1.00, Readonly: false, Dedup: OFF. Other datasets listed include 'DEVfiles', 'GG_DEVfiles', 'GG_MRKfiles', 'HRfiles', and 'MGRfiles', all sharing the same configuration as the 'Employees' dataset.

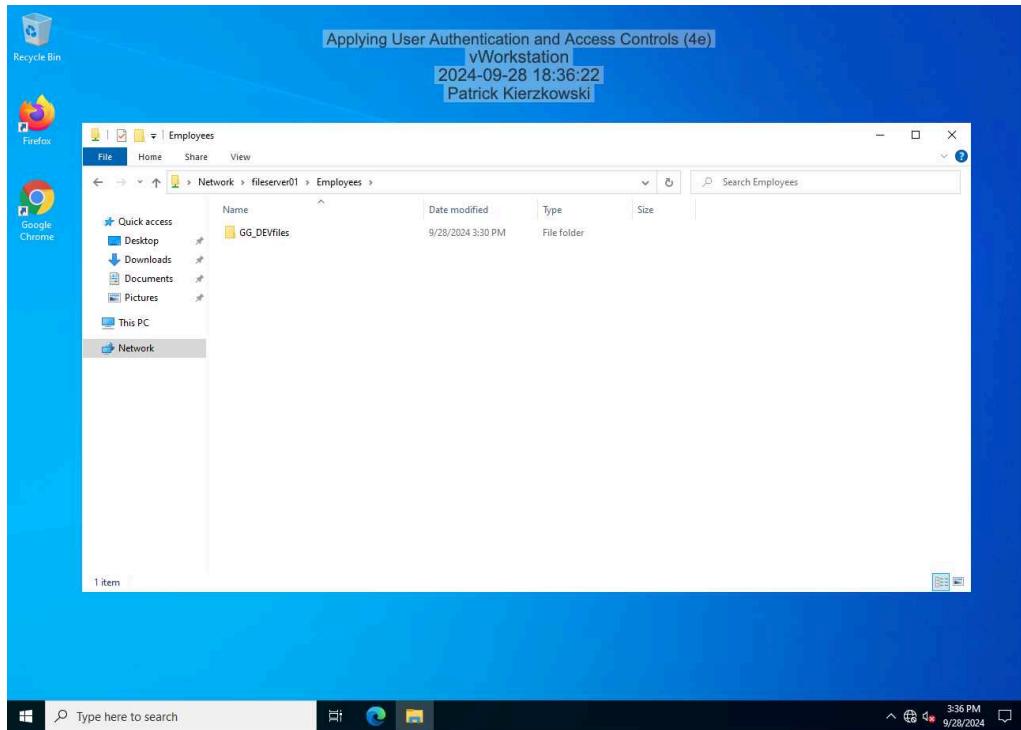
Name	Type	Used	Available	Compression	Compression Ratio	Readonly	Dedup	Comments
tank	FILESYSTEM	22.83 MiB	2.6 GiB	lz4	10.93	false	OFF	
Employees	FILESYSTEM	576 KIB	2.6 GiB	Inherits (/z4)	1.00	false	OFF	
DEVfiles	FILESYSTEM	96 KIB	2.6 GiB	Inherits (/z4)	1.00	false	OFF	
GG_DEVfiles	FILESYSTEM	96 KIB	2.6 GiB	Inherits (/z4)	1.00	false	OFF	
GG_MRKfiles	FILESYSTEM	96 KIB	2.6 GiB	Inherits (/z4)	1.00	false	OFF	
HRfiles	FILESYSTEM	96 KIB	2.6 GiB	Inherits (/z4)	1.00	false	OFF	
MGRfiles	FILESYSTEM	96 KIB	2.6 GiB	Inherits (/z4)	1.00	false	OFF	

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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.

