

Applying User Authentication and Access Controls (4e)

Fundamentals of Information Systems Security, Fourth Edition - Lab 04

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Time on Task:

14 hours, 10 minutes

Progress:

100%

Report Generated: Monday, October 21, 2024 at 3:20 AM

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.

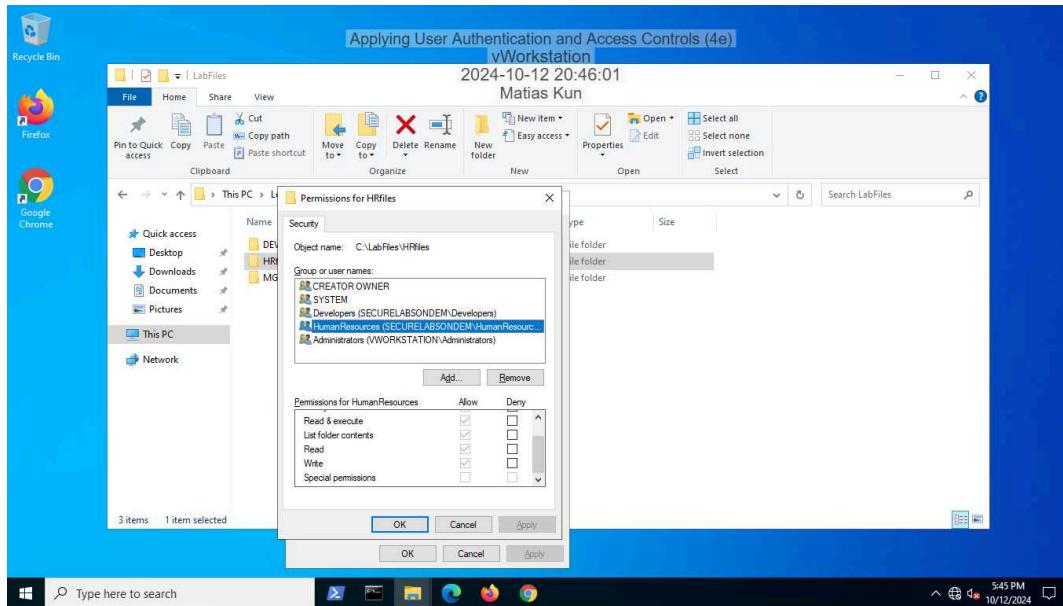


Part 2: Create Folders and Configure Security Permissions

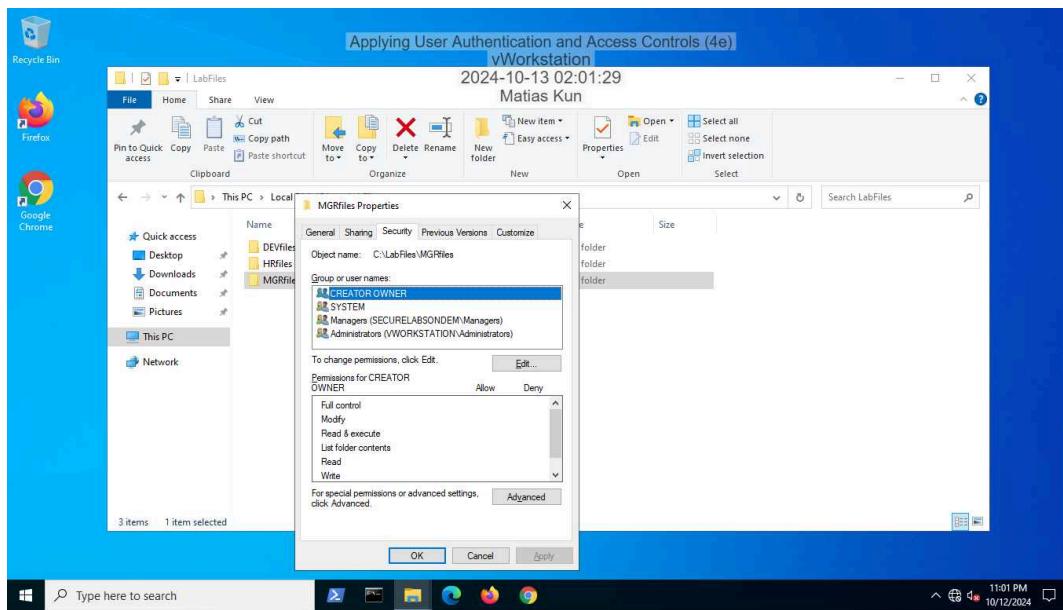
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35. Make a screen capture showing the updated Security permissions for the HRfiles folder.



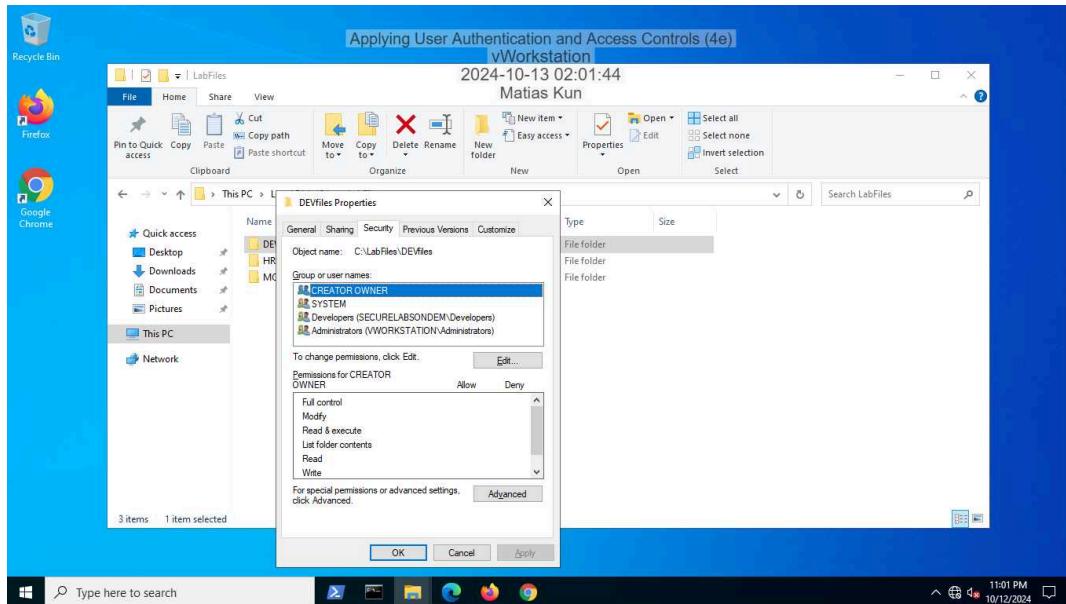
39. Make a screen capture showing the updated Security permissions for the MGRfiles folder.



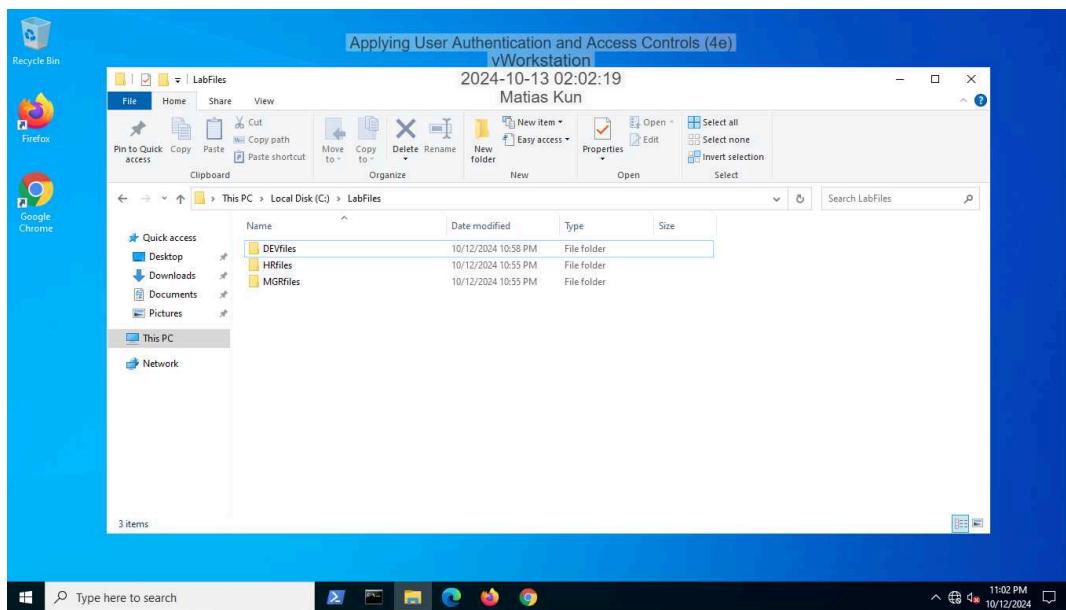
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42. Make a screen capture showing the updated Security permissions for the DEVfiles folder.



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

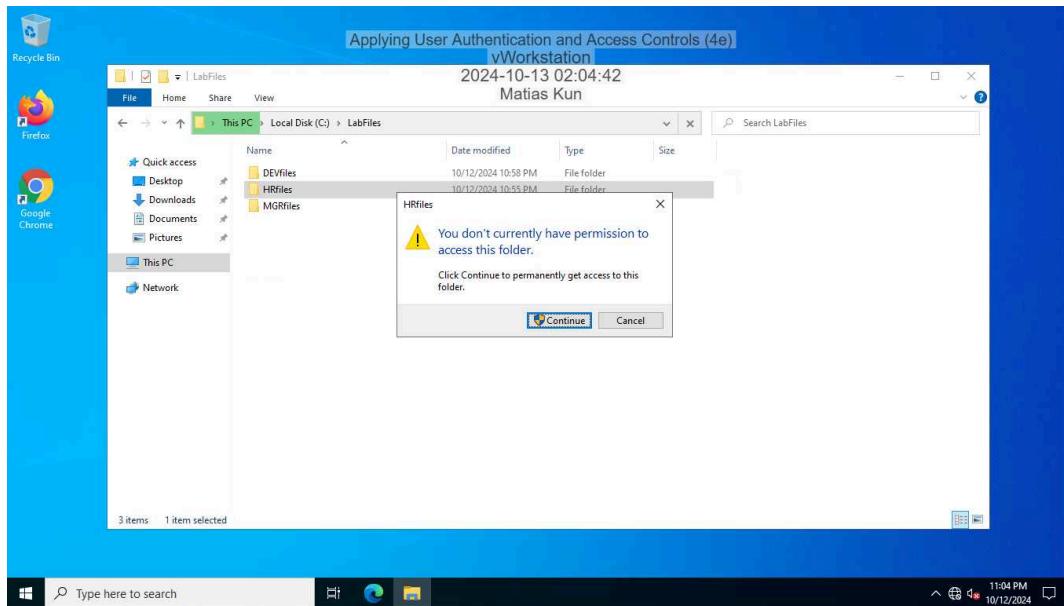


Part 3: Verify Authentication and Access Controls

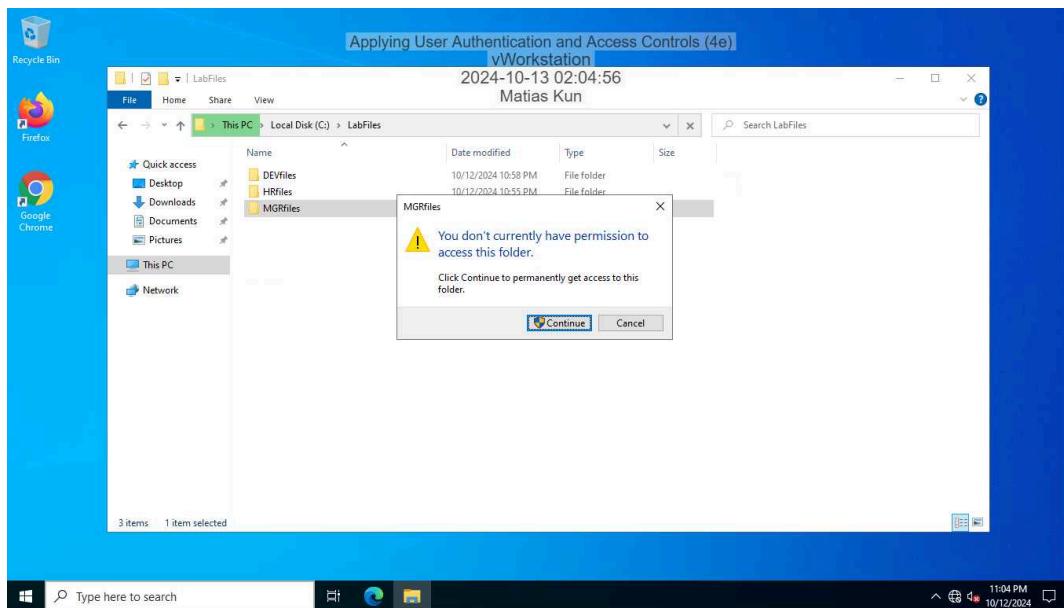
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6. Make a screen capture showing the unsuccessful access error message for the HRfiles folder as scarpenter.



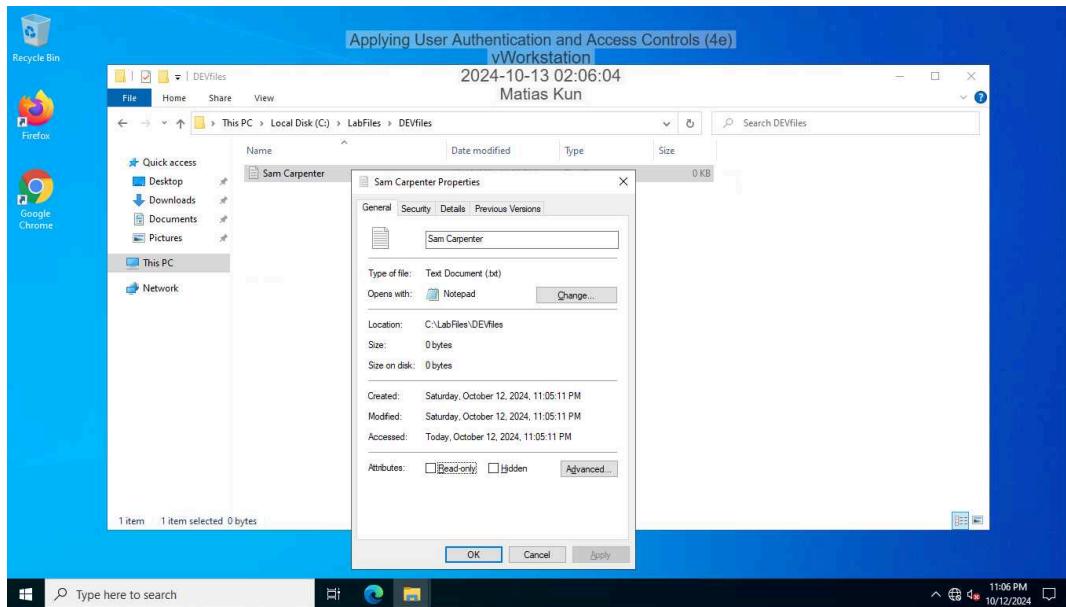
9. Make a screen capture showing the unsuccessful access error message for the MGRfiles folder as scarpenter.



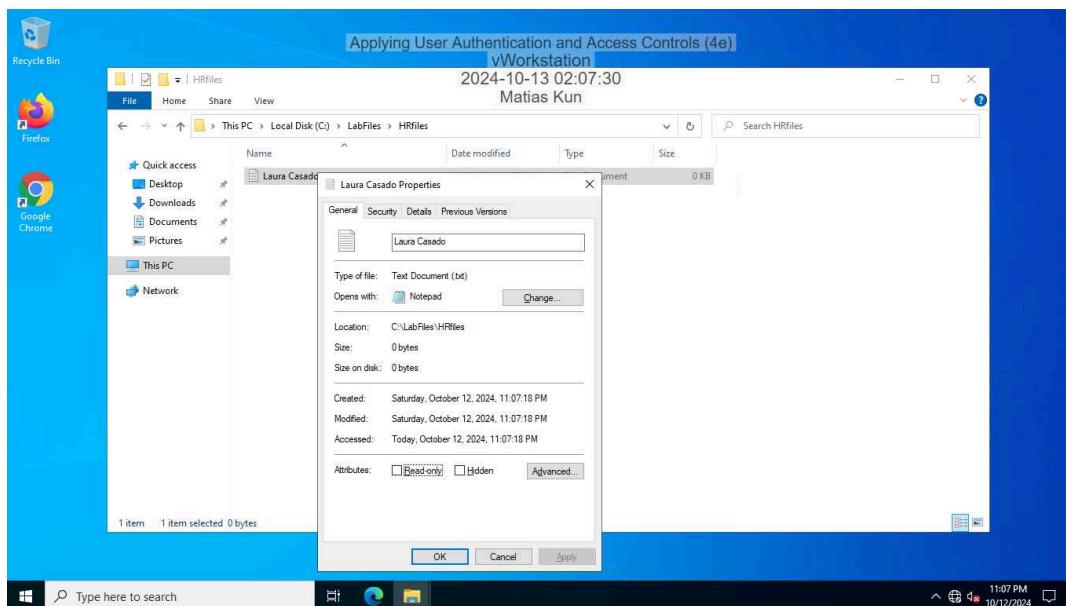
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15. Make a screen capture showing the Properties dialog box for the file created in the DEVfiles folder by scarpenter.



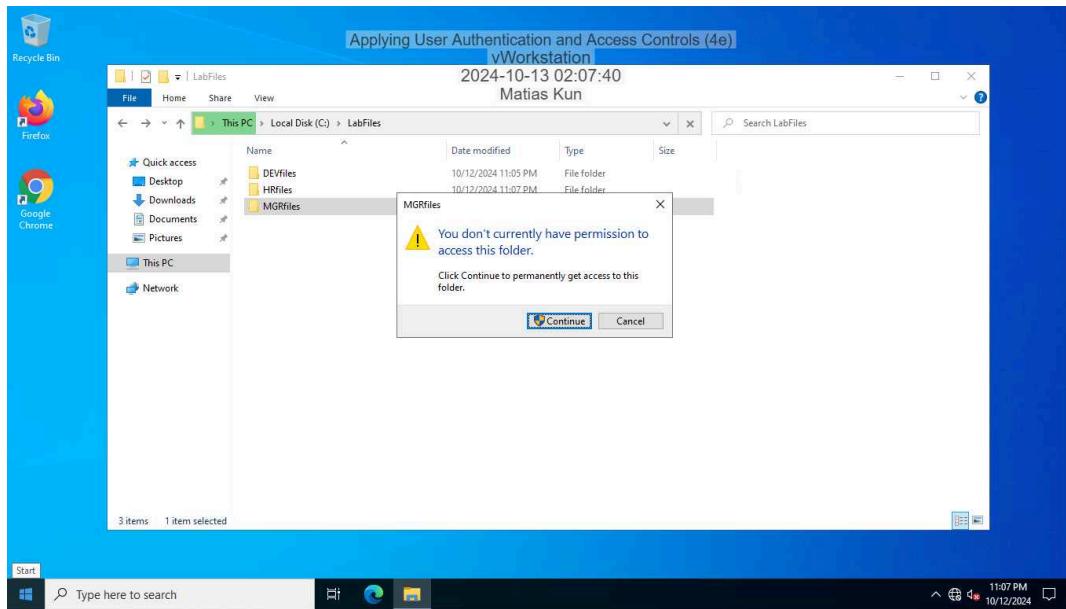
18. Make a screen capture showing the Properties dialog box for the file created in the HRfiles folder by lcasado.



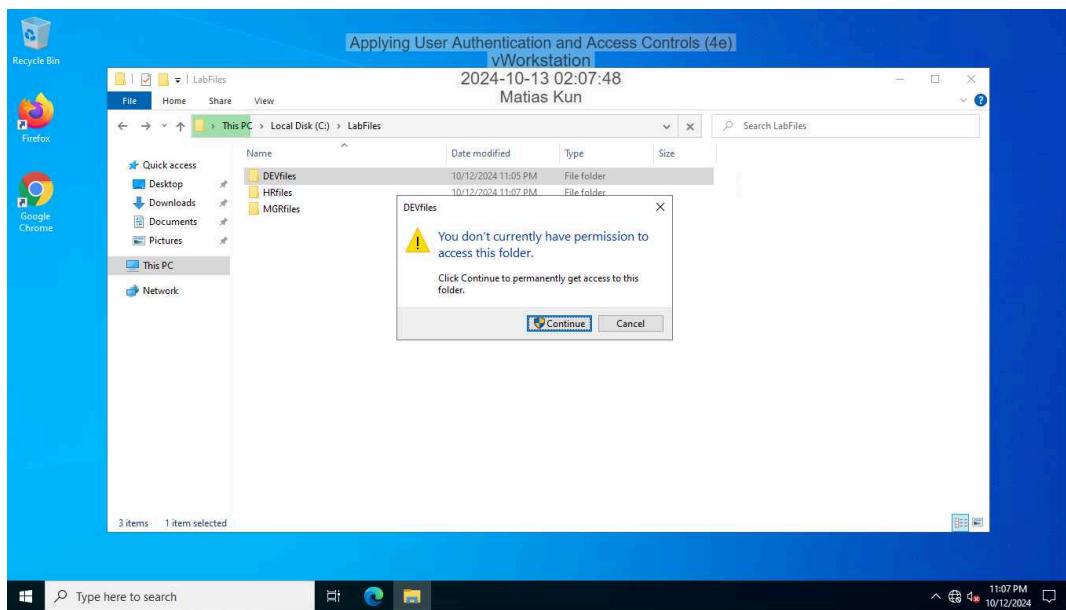
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19. Make a screen capture showing the unsuccessful access error message for the MGRfiles folder as Icasado.



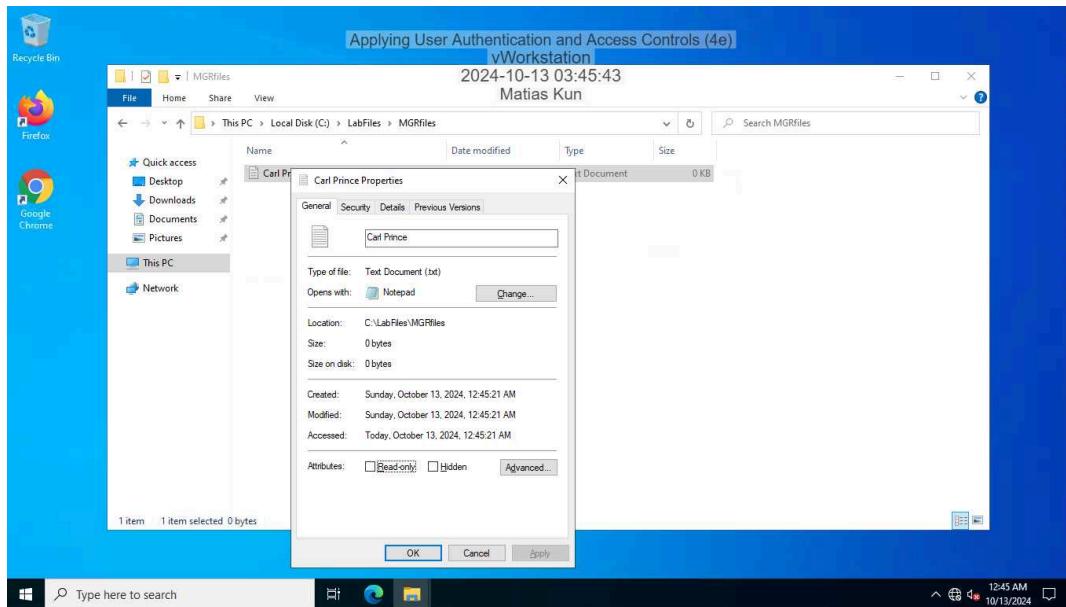
20. Make a screen capture showing the unsuccessful access error message for the DEVfiles folder as Icasado.



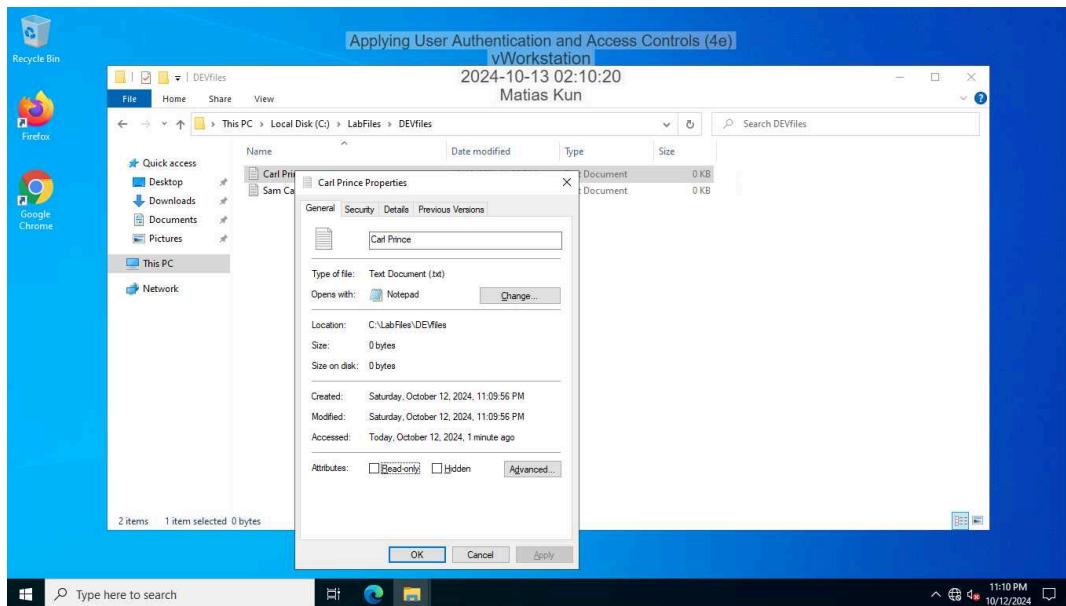
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21. Make a screen capture showing the **Properties** dialog box for the file created in the MGRfiles folder by cprince.



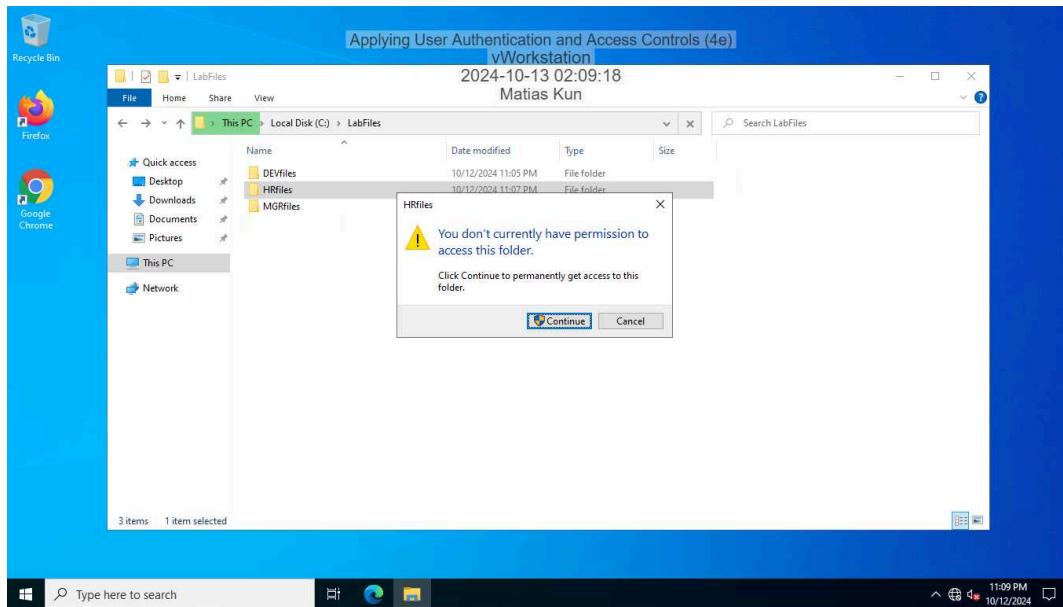
22. Make a screen capture showing the **Properties** dialog box for the file created in the DEVfiles folder by cprince.



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



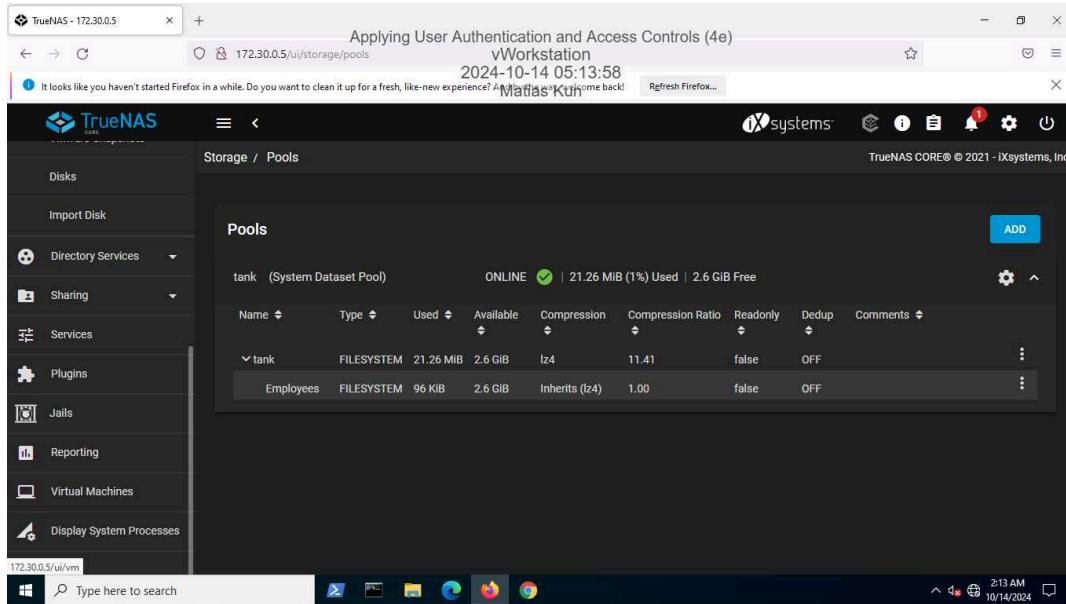
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Section 2: Applied Learning

Part 1: Create an SMB Share

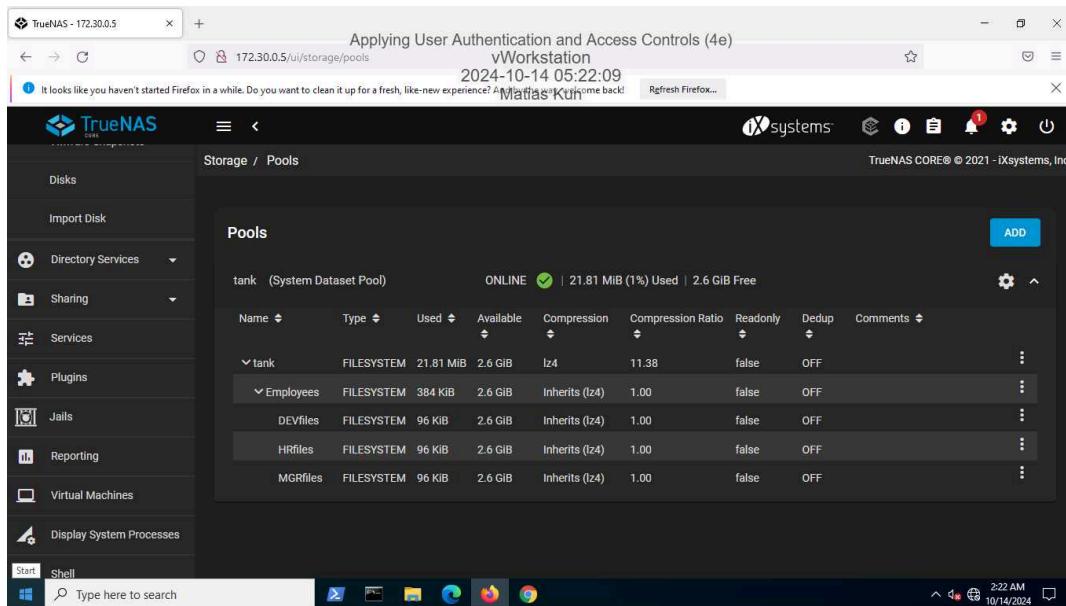
19. Make a screen capture showing the Employees dataset on the TrueNAS Pools page.



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's a sidebar with various system management options like Disks, Import Disk, Directory Services, Sharing, Services, Plugins, Jails, Reporting, Virtual Machines, and Display System Processes. The main content area displays the "Pools" section. It shows one pool named "tank" (System Dataset Pool) which is ONLINE and has 21.26 MB (1% Used) and 2.6 GB Free. Underneath, there's a table for datasets. One dataset, "Employees", is listed under the "tank" pool. The table columns include Name, Type, Used, Available, Compression, Compression Ratio, Readonly, Dedup, and Comments. The "Employees" dataset is a FILESYSTEM with 96 KIB used and 2.6 GB available, inheriting lz4 compression and a ratio of 1.00. The "Readonly" and "Dedup" settings are both set to OFF.

Part 2: Create Shared Folders and Configure ACLs

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



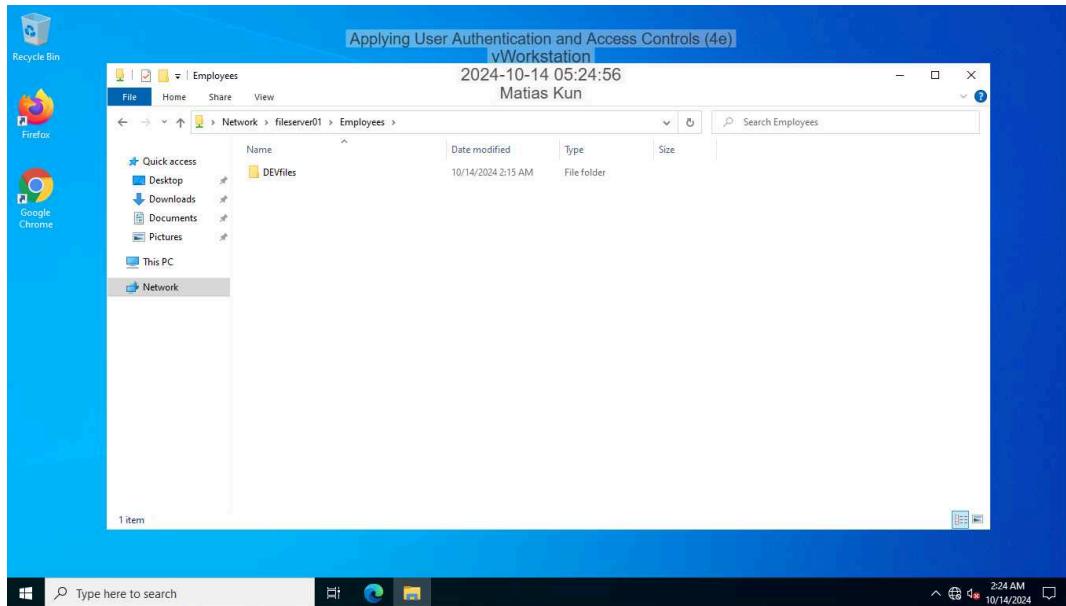
This screenshot is from the same TrueNAS interface as the previous one, showing the Storage / Pools page at `172.30.0.5/ui/storage/pools`. The "tank" pool is still online with 21.81 MB used. The dataset table now includes five entries: "Employees", "DEVfiles", "HRfiles", and "MGRfiles", all of which inherit lz4 compression and a 1.00 compression ratio. The "Readonly" and "Dedup" settings remain OFF for all datasets.

Part 3: Verify Access Controls

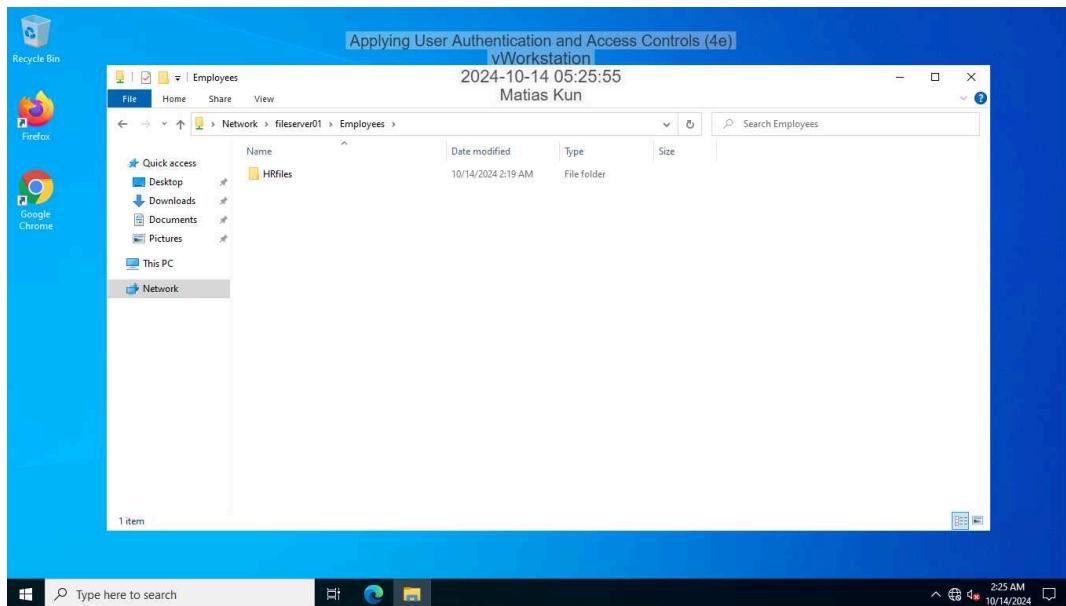
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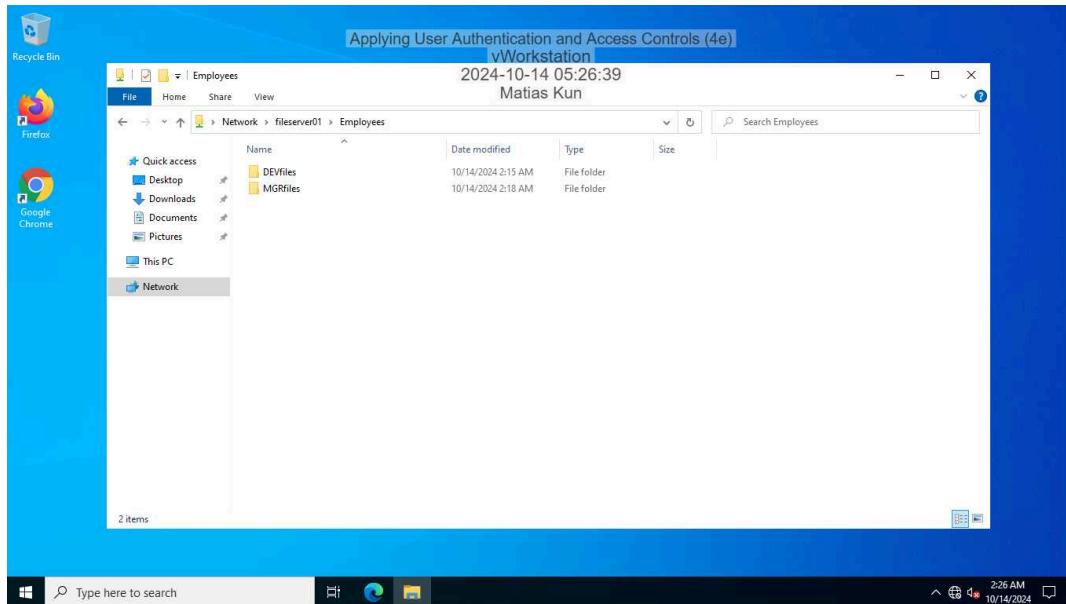
6. Make a screen capture showing the Employees folder while signed in as scarpenter.



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



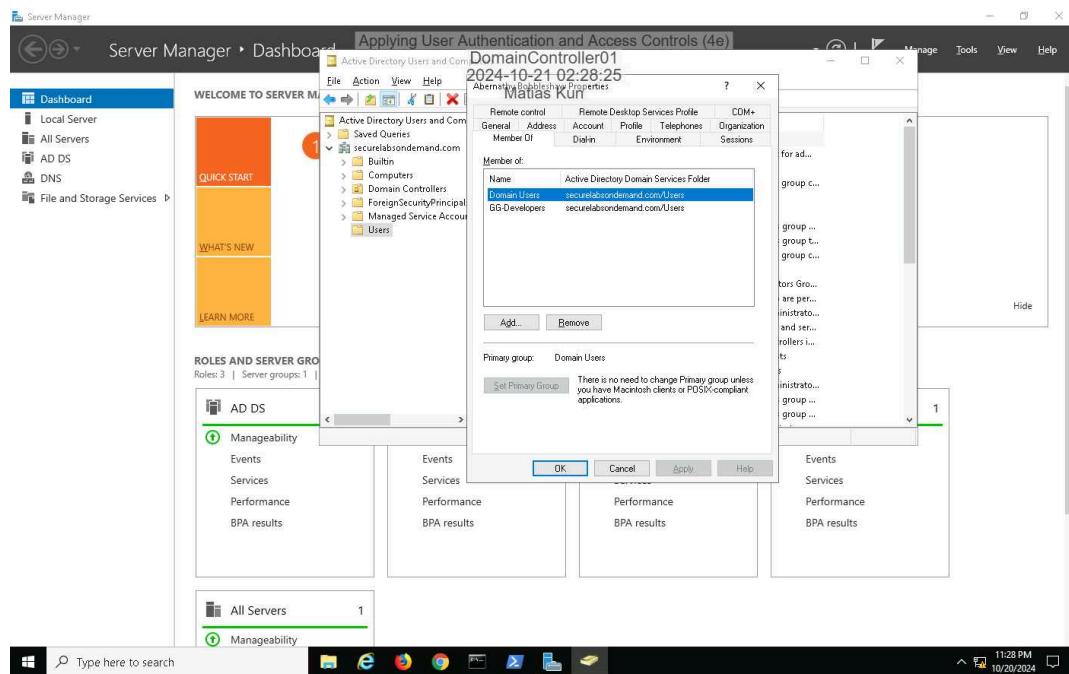
10. Make a screen capture showing the Employees folder while signed in as cprince.



Section 3: Challenge and Analysis

Part 1: Create Users and Security Groups

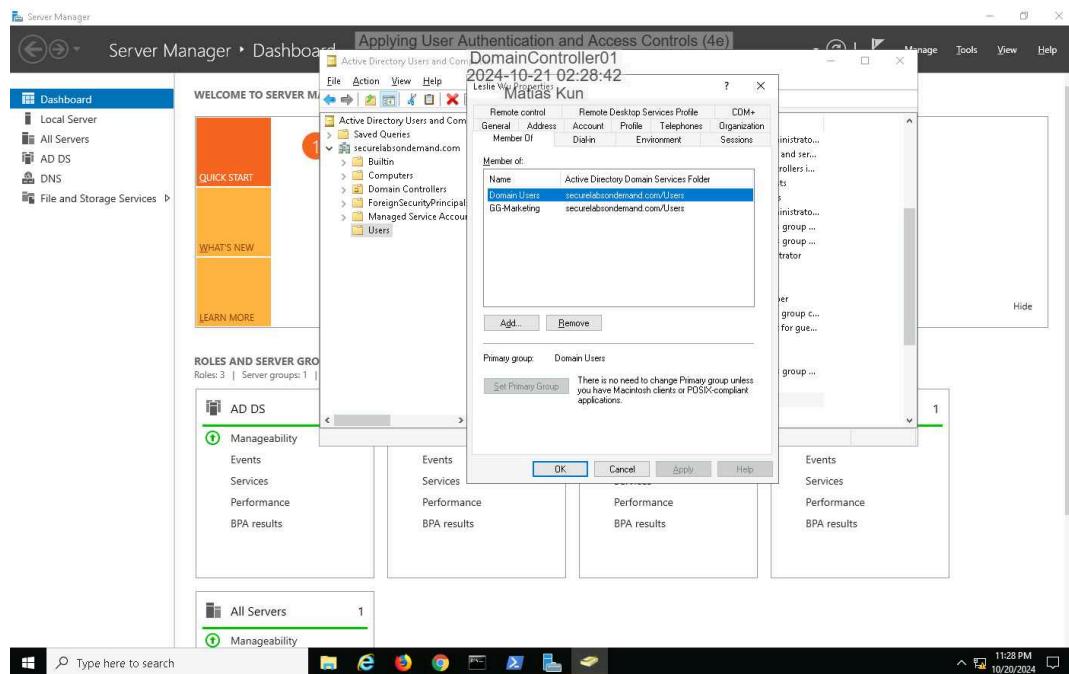
Make a screen capture showing the Member Of tab of the Properties dialog box for Abernathy Bobbleshaw.



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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

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

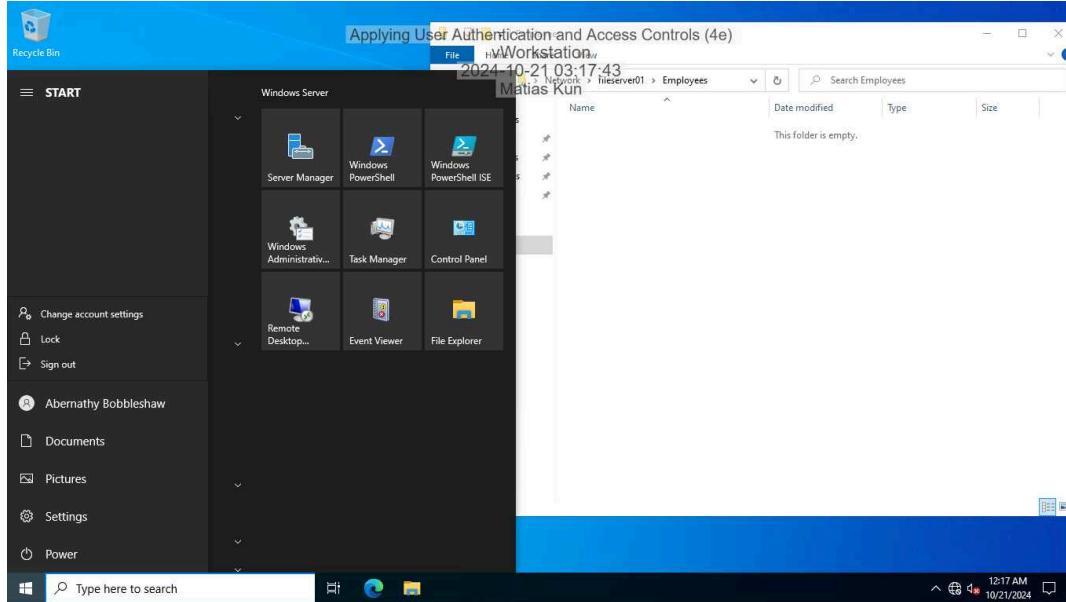
The screenshot shows the TrueNAS web interface. The left sidebar includes links for Dashboard, Accounts, System, Tasks, Network, Storage (with Pools selected), Snapshots, VMware-Snapshots, Disks, Import Disk, Directory Services, Sharing, Services, and Plugins. The main content area is titled 'Pools' and shows a table for the 'tank' dataset pool. The table columns are: Name, Type, Used, Available, Compression, Compression Ratio, Readonly, Dedup, and Comments. Under the 'Name' column, several datasets are listed: Employees, DEVfiles, GG_DEVfiles, GG_MRKfiles, HRfiles, and MGRfiles. The 'Used' column shows values ranging from 576 KB to 23.13 MB. The 'Available' column shows values ranging from 2.6 GB to 2.6 GiB. The 'Compression' column shows values like lz4 and Inherits (lz4). The 'Compression Ratio' column shows values like 1.00 and 11.09. The 'Readonly' column shows values like false and OFF. The 'Dedup' column shows values like OFF and false. The 'Comments' column shows values like OFF and ... (ellipsis). An 'ADD' button is located in the top right corner of the pool table. The status bar at the bottom right shows the date and time as 10/20/2024 and 11:58 PM.

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Part 3: Verify Authentication and Access Controls

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



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

