| Student: | Email: |
|---|---|
| Bradley Adams | badams10@my.athens.edu |

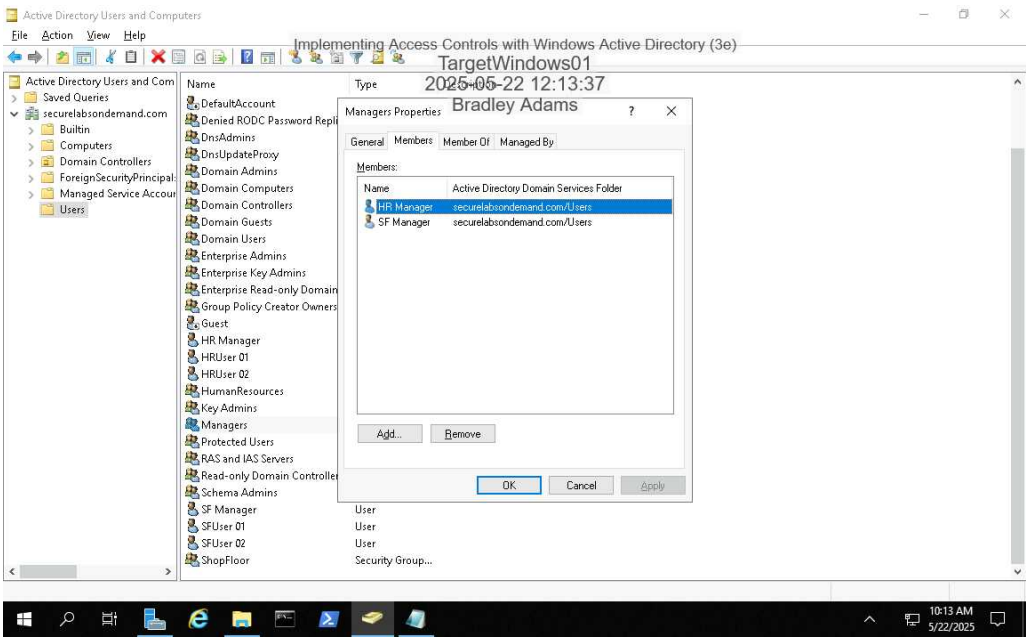| Time on Task: | Progress: |
|---|---|
| 12 hours, 3 minutes | 100% |

Report Generated: Thursday, May 22, 2025 at 5:06 PM

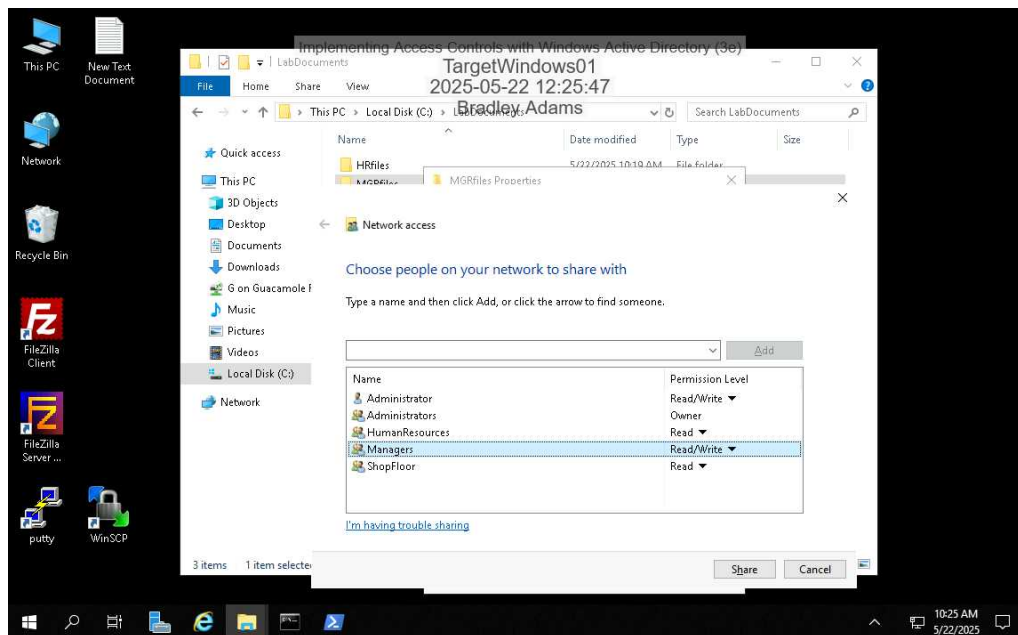# Section 1: Hands-On Demonstration

## Part 1: User and Group Administration

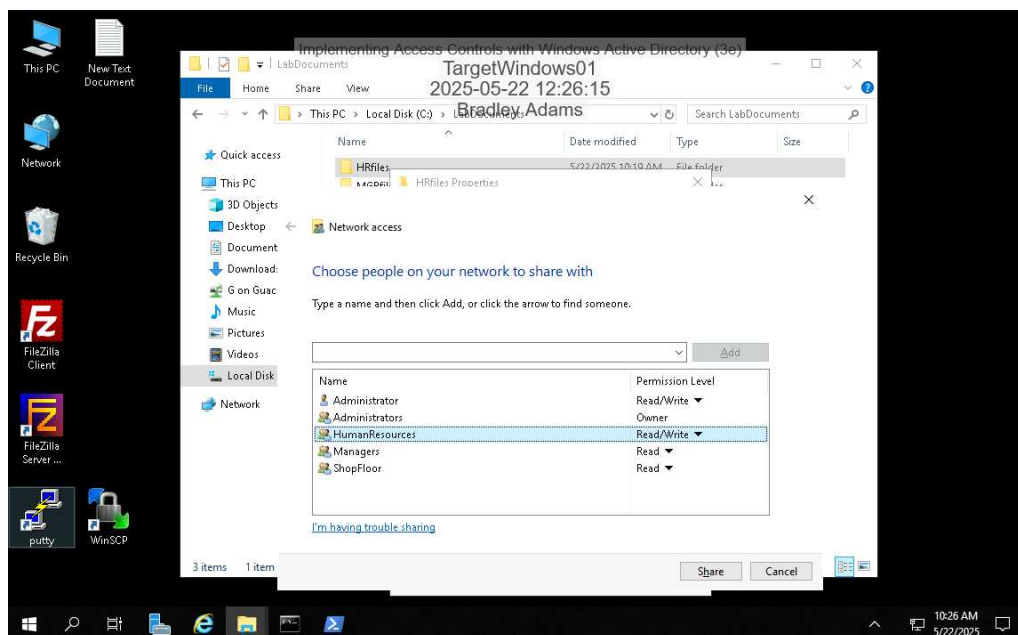23. **Make a screen capture** showing the **members of the Managers group**.



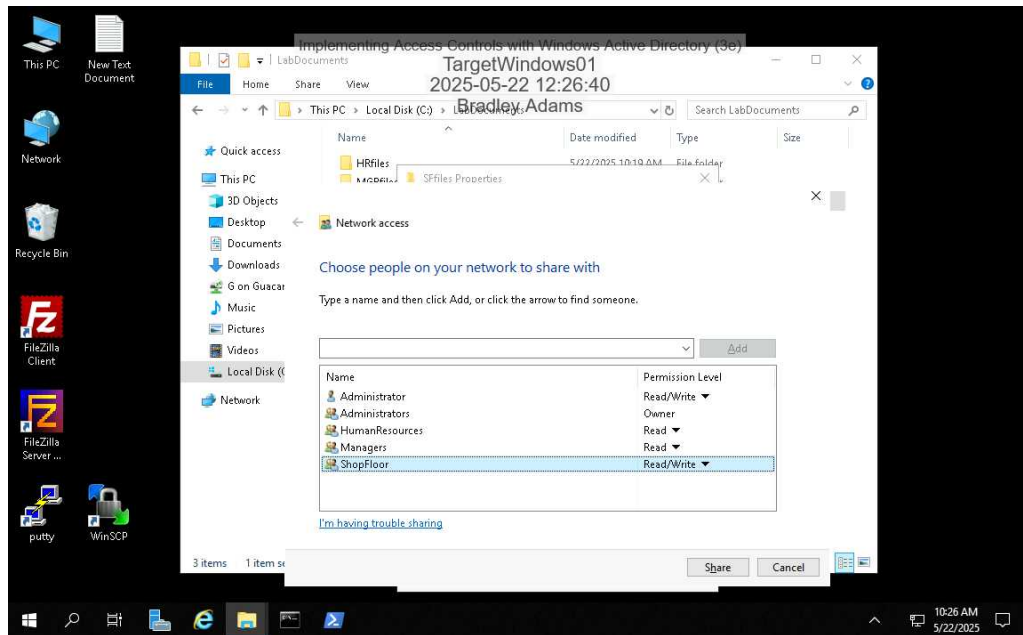## Part 2: Resource Management

19. **Make a screen capture** showing the **updated share permissions for the MGRfile folder**.



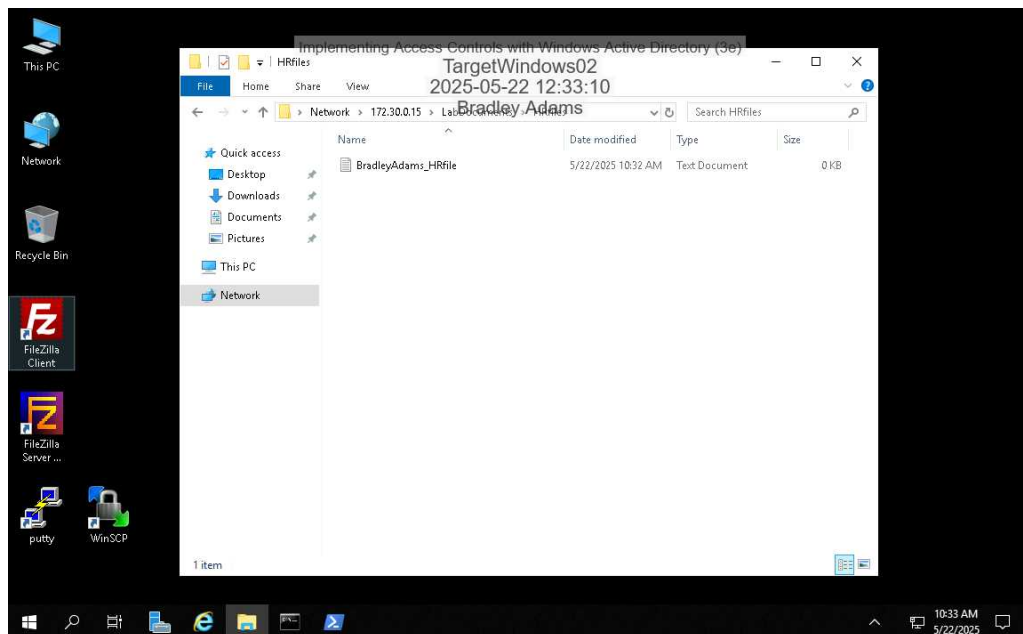20. **Make a screen capture** showing the **updated share permissions for the HRfiles folder**.

21. **Make a screen capture** showing the **updated share permissions for the SFfiles folder**.
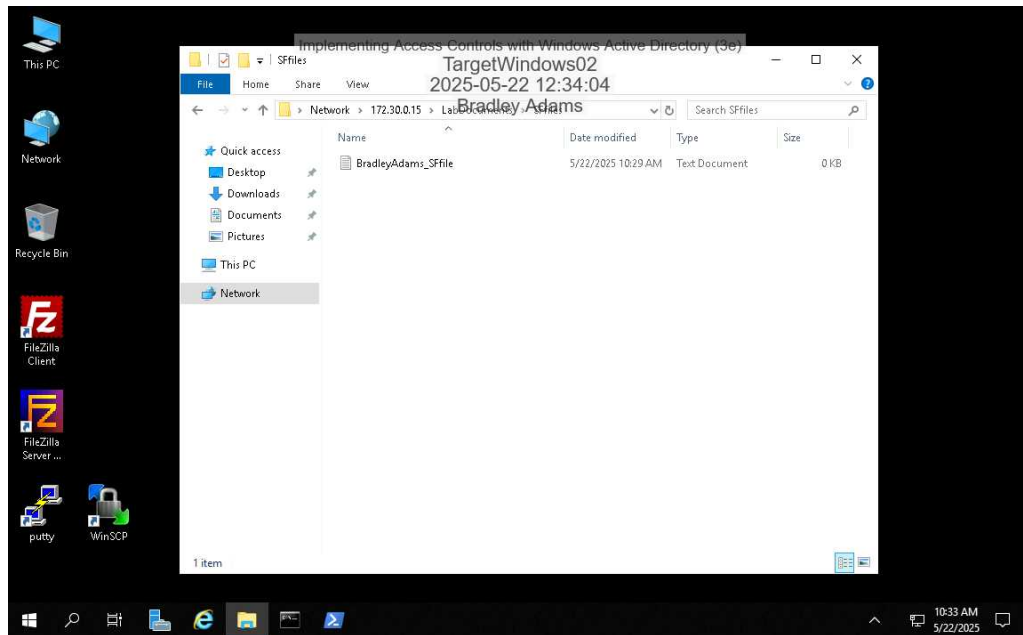


## Part 3: Practical Application

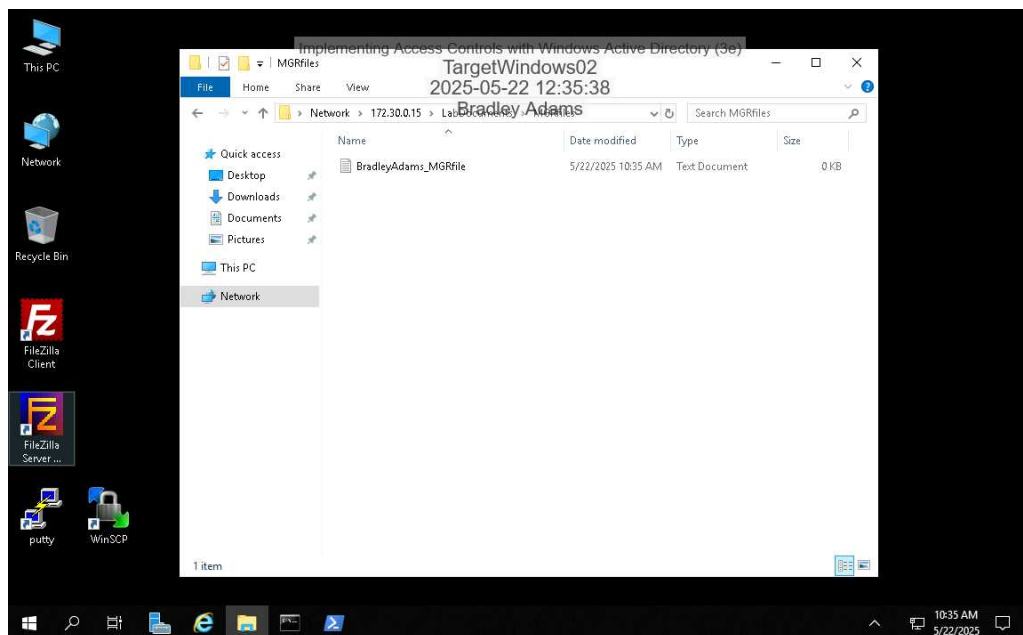13. **Make a screen capture** showing the **text file for HRUser01 in the HRfiles folder**.

14. **Make a screen capture** showing the **text file for SFManager in the SFfiles folder**.
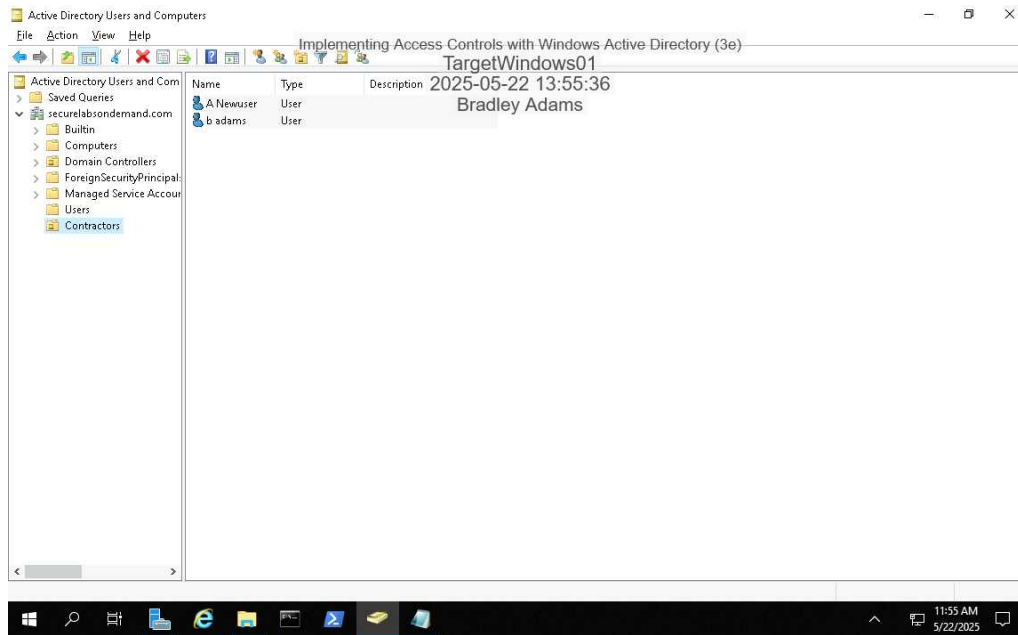


15. **Make a screen capture** showing the **text file for SFManager in the MGRfiles folder**.
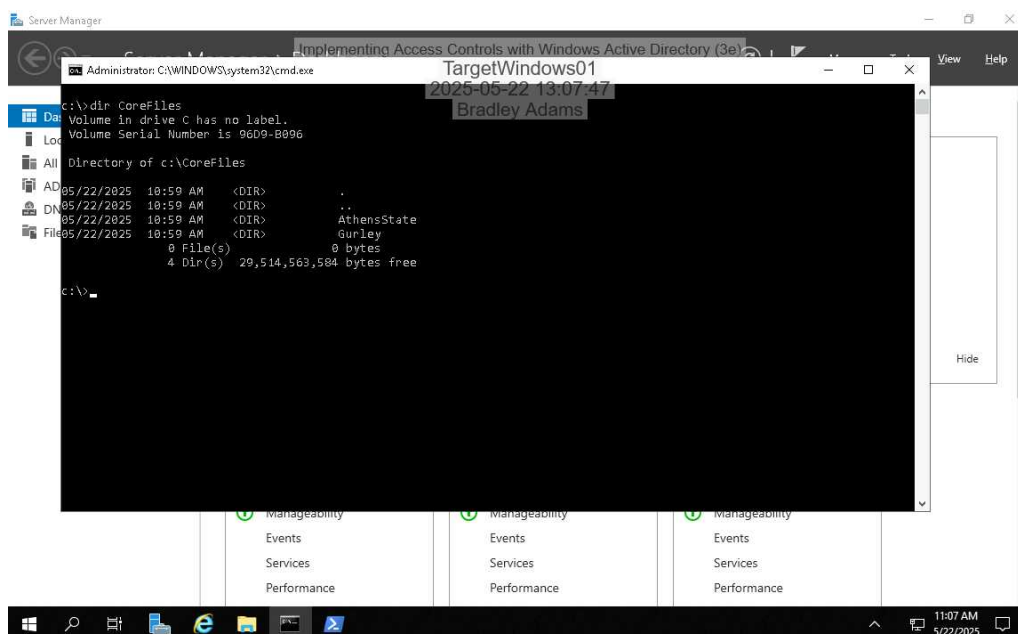
# Section 2: Applied Learning

## Part 1: User and Group Administration

7. **Make a screen capture** showing the **two new users within the Contractors OU**.
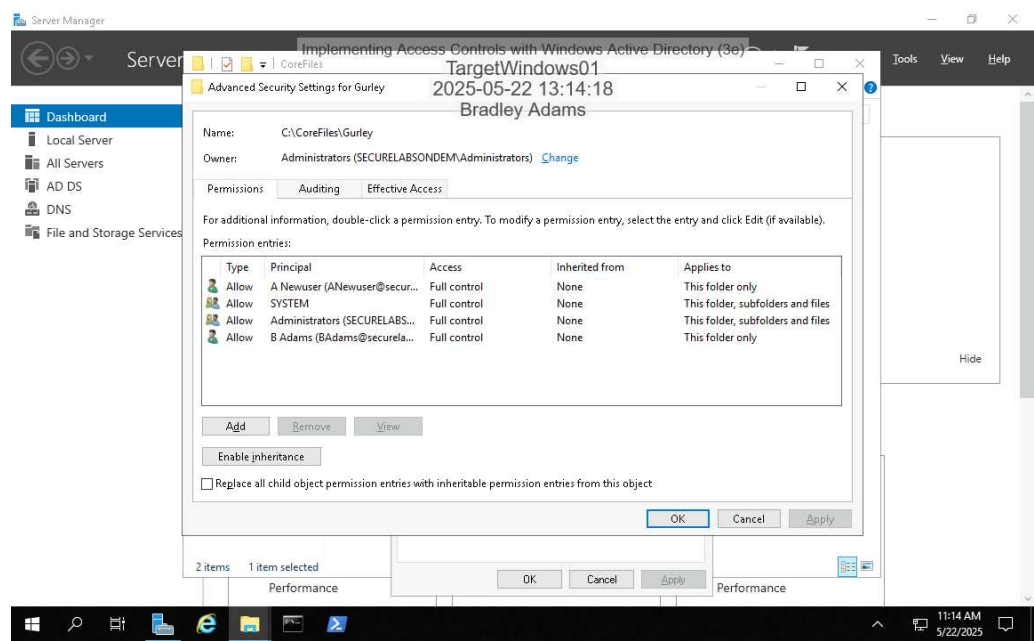


## Part 2: Resource Management

4. **Make a screen capture** showing **the contents of the CoreFiles directory**.
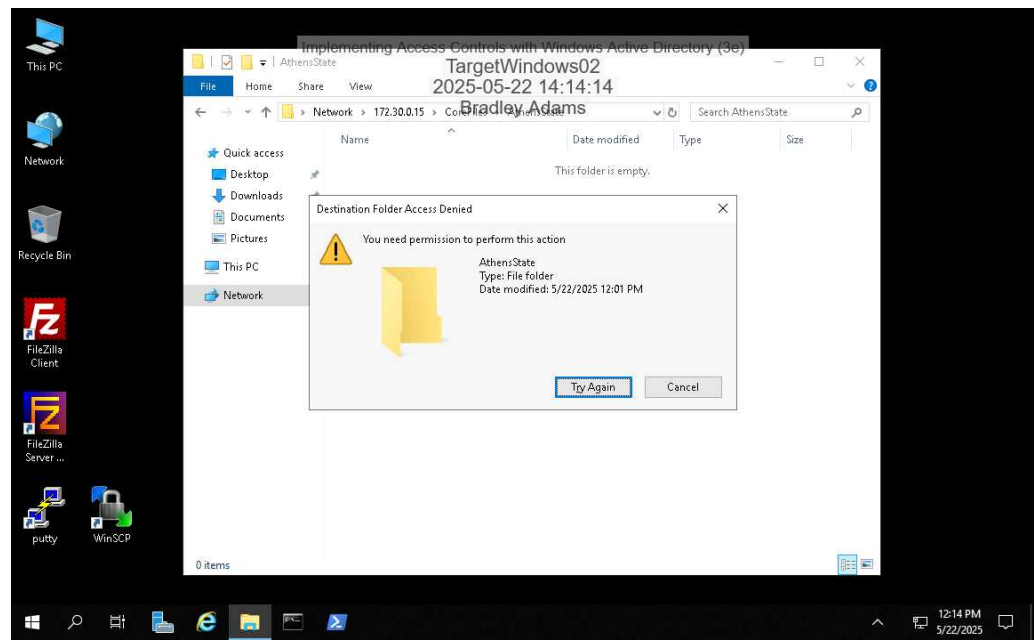
14. **Make a screen capture** showing **Advanced Security Settings for the _yourtown_ directory**.



## Part 3: Practical Application

5. **Make a screen capture** showing the **result of attempting to create a new test file**.



7. **Repeat steps 2-4** for the ANewuser account and **describe** the results.

Access denied due to lack of Share permissions to folder for ANewuser account

10. **Repeat step 4** and **describe** the results.

Access granted due to full access NTFS permissions to folder for badams account

11. **Explain** why you received the results you did in steps 4, 7, and 10.

The results represent the difference between NTFS and Share permissions. badams has full access from NTFS permissions but only Read share permission. Share permission was not setup for ANewuser.

# Section 3: Challenge and Analysis

## Part 1: Analysis and Discussion

Use the Internet to research the SYSTEM account. Why is it necessary to include this account with full control on a directory?


The SYSTEM account is the Windows equivalent of the 'root' account on a Unix or Linux system. It has the highest privileges and is integral to the system's operation. Windows NTFS, by default, grants the SYSTEM account Full Control over all files and directories. SYSTEM ensures system processes can read, write, and modify necessary files without hindrance. The SYSTEM account must have full control over a directory because the Windows operating system and essential services use this account to perform critical tasks like updates, backups, and security checks.


## Part 2: Tools and Commands

Using the icacls utility, document the command that will give the ANewuser account *write* access to the *yourschool* folder.


icacls.exe C:\CoreFiles\AthensState /grant ANewuser:(W)
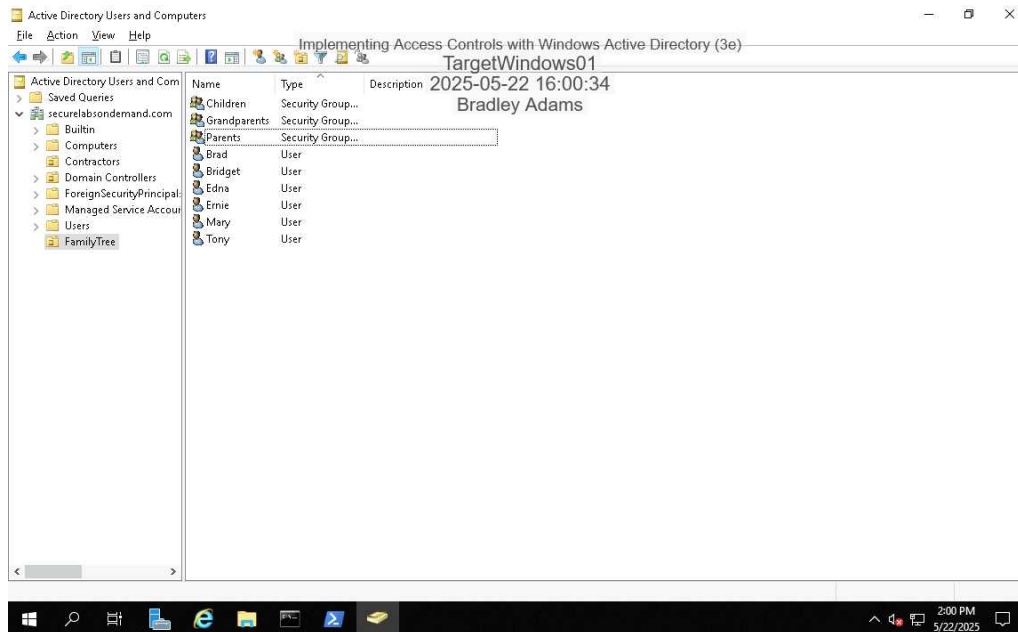

## Part 3: Challenge Exercise

**Describe** your directory structure.


I created a folder labeled "FamilyTree" at C:\ and then made three folders labeled "Grandparents," "Parents," and "Children." After creating all six user accounts and three groups, I added the respective group to the appropriate subfolder under "FamilyTree." I updated permissions so that only the appropriate generation has write access.
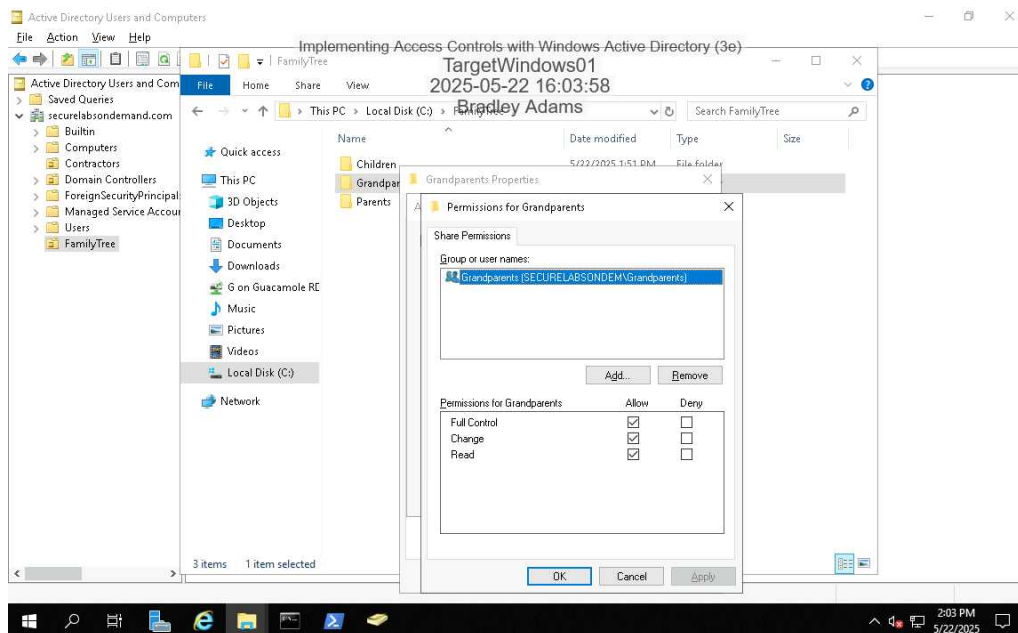
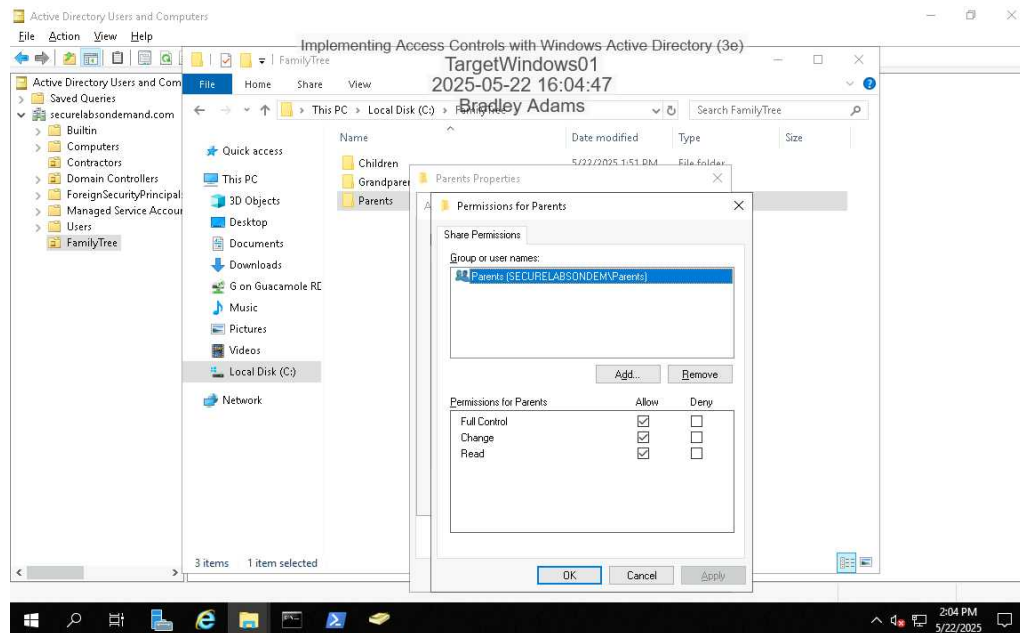**Make a screen capture** showing your **new User accounts and Groups in the Active Directory Users and Computers utility**.



**Make a screen capture** showing the **Share permissions for the first generation's folder**.

**Make a screen capture** showing the **Share permissions for the second generation's folder**.



**Make a screen capture** showing the **Share permissions for the third generation's folder**.