

SCENARIO

In a corporate setting, an IT administrator is tasked with implementing the principle of least privilege on a Windows operating system to enhance security. The IT administrator creates two additional user accounts, Bee1 and Bee2, each with different levels of access to a shared folder containing sensitive documents.

Creating the Users:

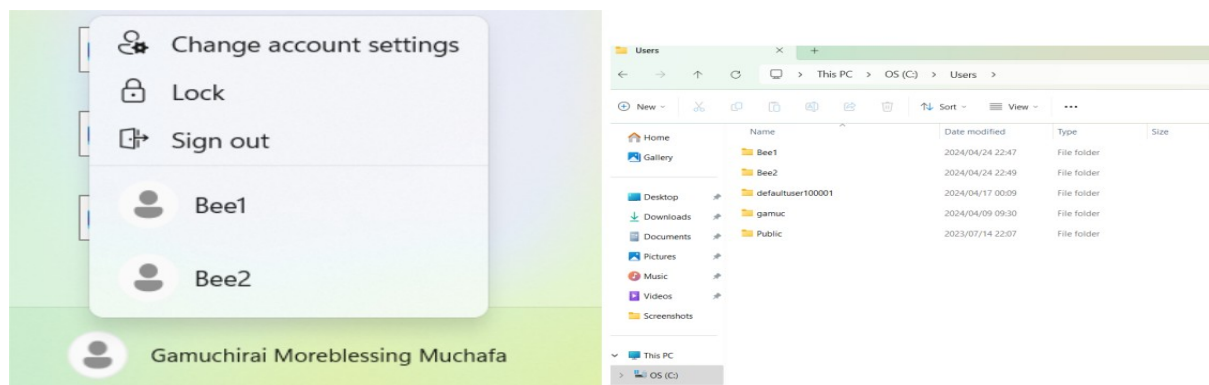
Open Settings: Click on the Windows button, then click on the gear icon (Settings).

Add Users: In Settings, go to "Accounts" and select "Family / other users" from the left sidebar. Under "Other users," click on "Add someone else to this PC." Select "I don't have this person's sign-in information" and then "Add a user without a Microsoft account." For both User1 (Bee1) and User2 (Bee2), enter a username, password, and password hint, then click "Next" and "Finish."

Designate as Standard Users: After creating both accounts, go to "Family / other users" in Settings. Click on each user (Bee1 and Bee2) and select "Change account type." Set both accounts as "Standard User."

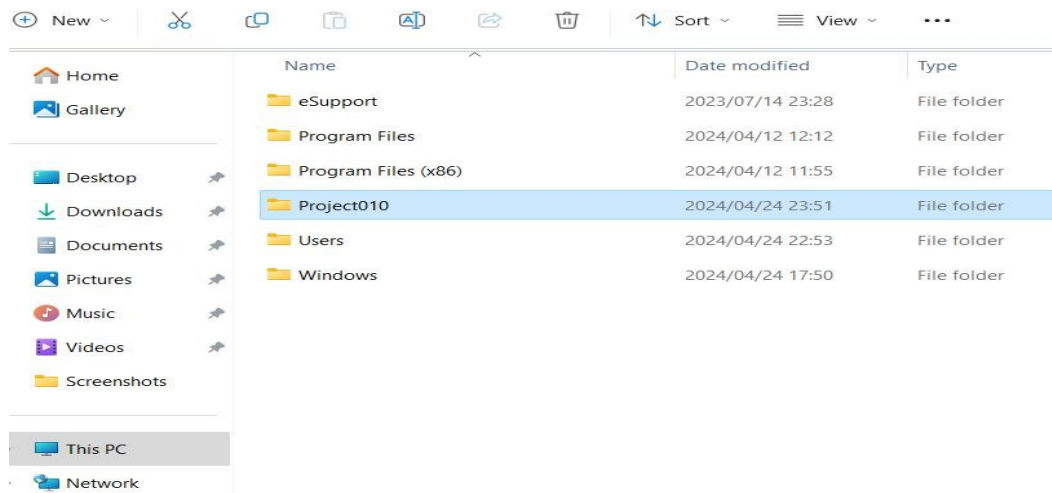
Verify Access: Log out and log in as Bee1 and Bee2 to verify their access levels.

Designated them as standard users, ensuring they have only the least privilege access level required for their tasks. This approach reduces the risk of unauthorized changes to the system and aligns with best security practices.



Create the Folder:

Right-click on the location where you want to create the folder (e.g., on your desktop or in a specific directory).

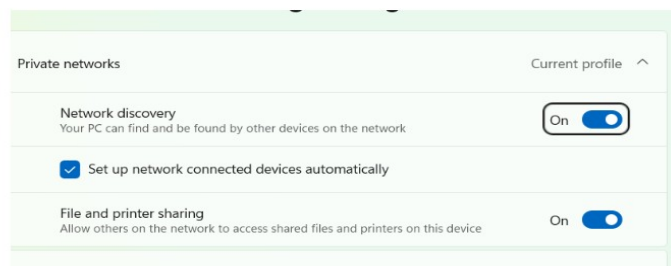
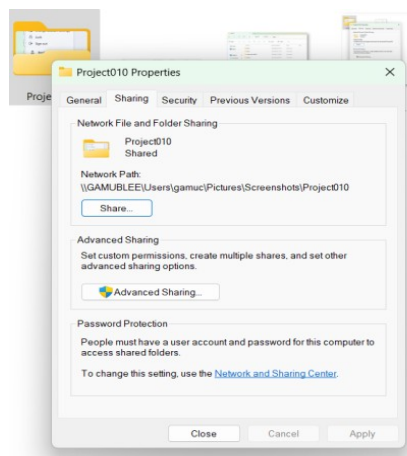


Share the Folder:

Right-click on the folder you created. Select "Properties." Go to the "Sharing" tab and click on "Share."

Choose Bee1 and Bee2 and click "Add" and then "Share."

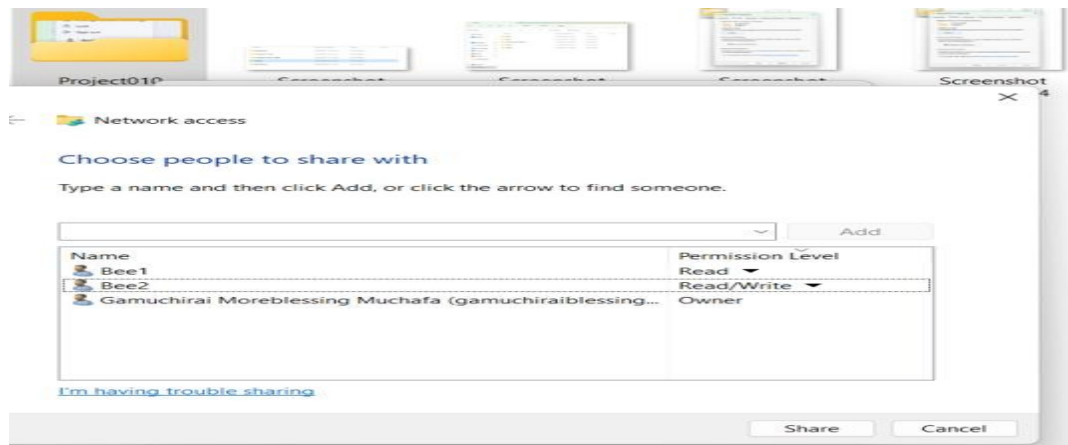
Make sure "Network discovery" is turned on so that the shared folder would be accessible to others on the network.



Assign Permissions:

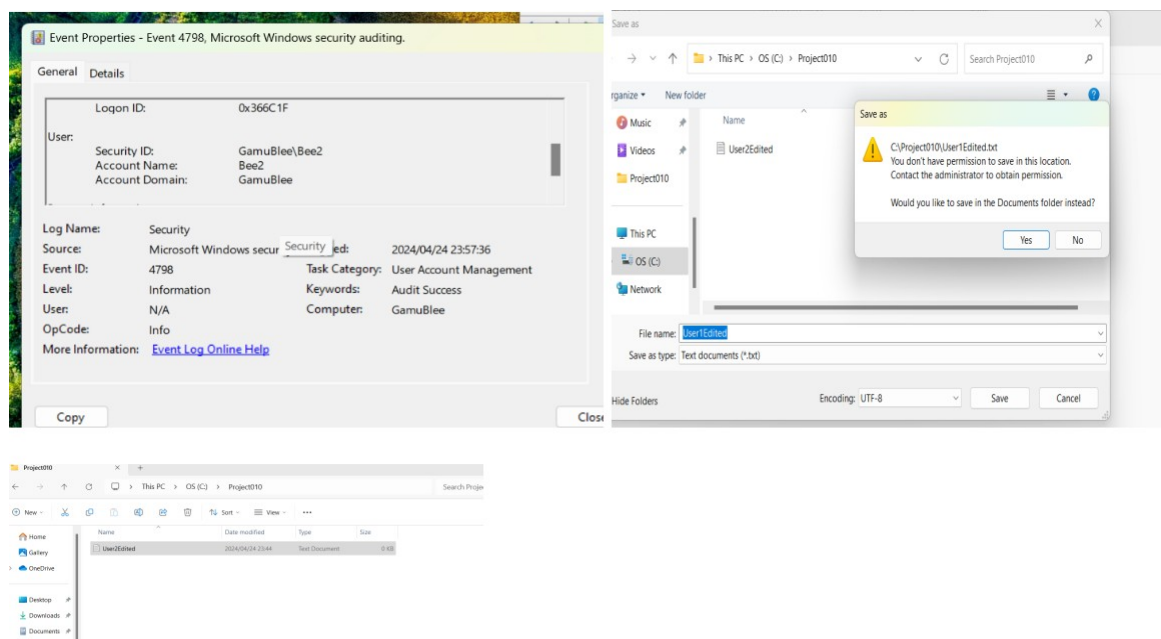
For Bee1 (read-only access): right-click on the folder, go to Properties > Security > Edit > Add Bee1 > Select Read permission.

For Bee2 (read and write access): right-click on the folder, go to Properties > Security > Edit > Add Bee2 > Select Read and Write permissions.



Testing:

After creating both accounts, I logged out and logged in as Bee1 and Bee2 and verified their access levels by attempting to view, edit, and save changes to the documents. I also went to the "Event Viewer" on my Windows system to check who could have made changes, I navigated to 'Windows' and then 'Security,' I could see a log of changes made to the folder and who made them. It turned out that user Bee2 could make changes, which I was pleased as I have granted them the read and write privileges, so I was pleased by the outcome.



1. How to create new users on windows- [How to Create a New User Account on Windows - YouTube](#)
2. Creating shared folder on windows- [How To Create a Shared Folder - YouTube](#)
3. How to create a shared network folder- [\(1\) How to create a shared network folder - YouTube](#)