Lab 2: Windows File Sharing & Permission Troubleshooting

Objective

Simulate a real-world 1st Line Technician task by:

- Creating a shared folder

- Setting up and troubleshooting file permissions

- Resolving "Access Denied" errors for a standard user

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AI-generated content may be incorrect.

Step 1: Create Shared Folder

1. Log into Windows as `AdminUser`

2. Create a folder: `C:\SharedFolder`

3. Right-click > Properties > Sharing > Advanced Sharing

- Enable "Share this folder"

- Share name: `SharedFolder`

- Click Permissions > Remove "Everyone"

- Add `Test User` using: `"Test User"` (with quotes)

- Grant \*\*Read\*\* permission only

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Step 2: Set NTFS Permissions

1. Right-click `C:\SharedFolder` > Properties > Security

2. Click Edit > Add > type `"Test User"`

3. Grant:

- Read & execute

- List folder contents

4. Apply changes

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Step 3: Test Access as TestUser

1. Switch to `Test User`

2. Press `Windows + R` → type: `\\localhost\SharedFolder`

3. Confirm the folder opens but appears empty (normal)

4. Try creating a file → Should show Access Denied

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Step 4: Fix Permissions as AdminUser

1. Log back into `AdminUser`

2. Go to `C:\SharedFolder > Sharing > Advanced Sharing > Permissions`

- Select `Test User`

- Change permission to \*\*Full Control\*\*

3. Go to Security tab

- Edit `Test User` permissions → grant \*\*Full Control\*\*

4. Apply all changes

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Step 5: Re-test as TestUser

1. Switch to `Test User`

2. Open `\\localhost\SharedFolder`

3. Now try creating/deleting a file — it should work

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Step 5: Re-test as TestUser

1. Switch to `Test User`

2. Open `\\localhost\SharedFolder`

3. Now try creating/deleting a file — it should work

Learning Outcome

- Understood difference between Share and NTFS permissions

- Simulated a file access issue and resolved it

- Practiced a common 1st Line Technician support scenario