

Automate File copying in windows using shell scripting

ABOUT:

File copying is a fundamental task in system administration and automation. Using shell scripting, you can automate the process of copying files from one location to another efficiently. Below is an overview of how to achieve this, along with an example script.

SIGNIFICANCE:

Efficiency: Automation reduces manual effort, especially for repetitive tasks.

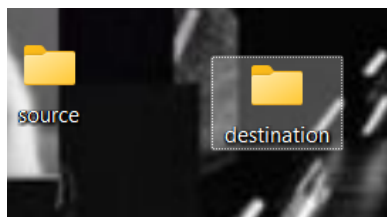
Consistency: Ensures files are copied in a predictable and uniform manner.

Scheduling: You can schedule scripts to run at specific times .

Error Handling: Scripts can include checks and logs to identify and handle errors during the copying process.

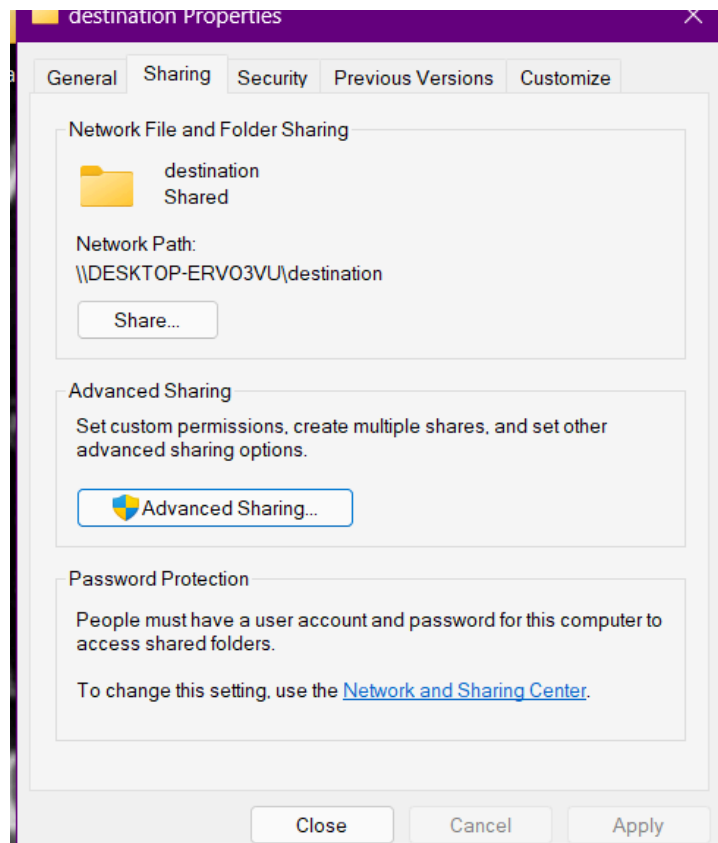
STEP 1:

Open TWO new folders and name them source and destination



STEP 2:

Right click on the folder, click on properties - select share, click on permission and check allow all. click on apply and close the tab



STEP 3:

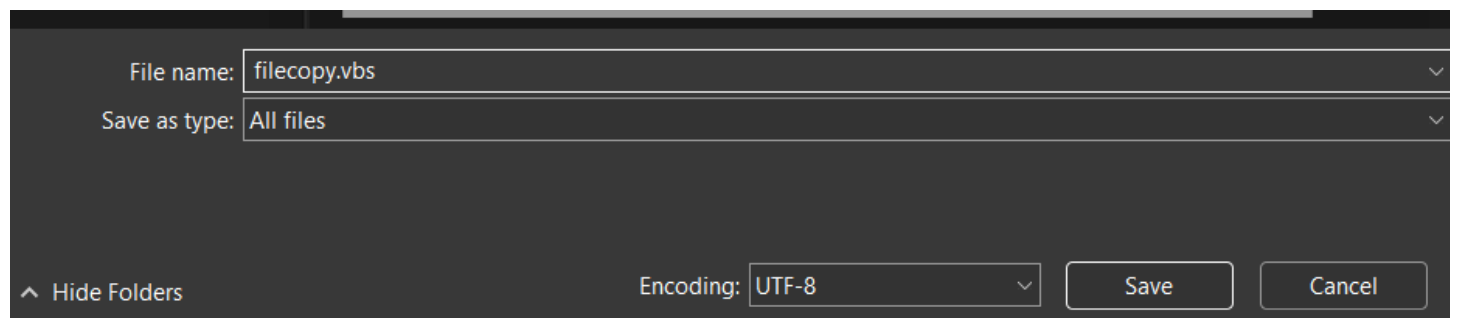
copy the code in the notepad and change the address 1 and address 2 by copying the network path of source and destination folder.

```
File Edit View

With CreateObject("Scripting.FileSystemObject")
    .CopyFile "\\DESKTOP-ERV03VU\\source\\*.*", "\\DESKTOP-ERV03VU\\destination\\"
End With
```

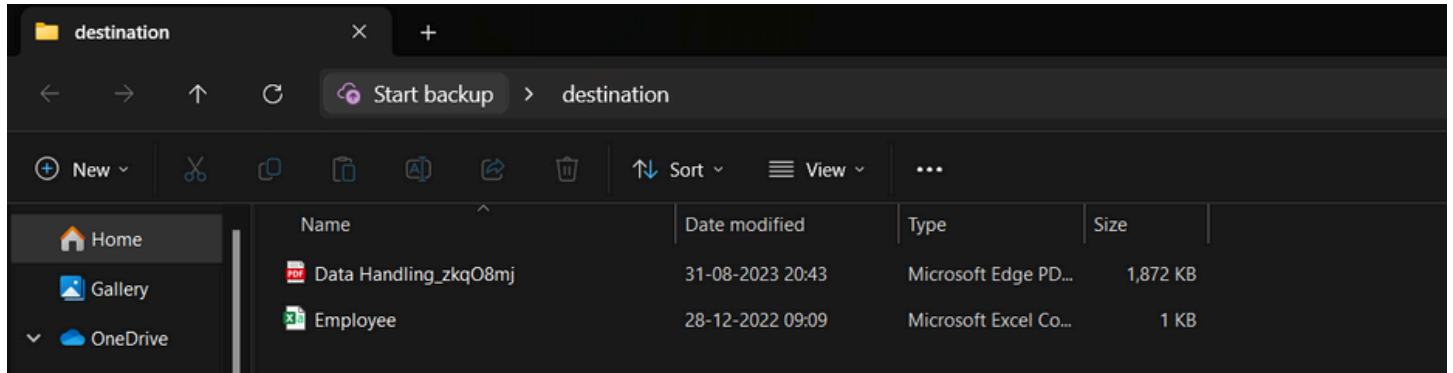
STEP 4:

Save the notepad as filecopy.vbs in all file format



STEP 5:

double click on created vbs file and check you destination folder, the files in first folder will be copied to the second folder



STEP 6:

Go to task scheduler on your system, create a new task schedule. Give the file a name, Fill in the time and day wise schedule as required by you. Click on finish.

OUTCOME:

Outcome in Simple Points

1. Files are copied from the source to the destination automatically.
2. Creates destination directories if they don't exist.
3. Logs all actions and errors for tracking.
4. Saves time by avoiding manual copying.
5. Supports scheduled execution using cron.
6. Handles errors gracefully, ensuring reliability.