

# Enumerating files

IN A SHARED FOLDER \ FILE DIRECTORY

# Overview

**Purpose:**

To scan server storage and tabulate the number and type of files found within the chosen location.

**The output does not contain any file or server names, just aggregated numbers (totals). Please see the file *Sample.txt* for an example of the compiled totals.**

The script code is 100% transparent and built with Python. If desired, the source code can be reviewed.

**Script details:**

Python libraries: configuration files and the Python file script (*ScanDir.py*).

Following the completion of the tabulating, the output will include the following file:

*Full.csv* – aggregated data in .csv format

*Summary.txt* – aggregated data in .txt format

*WorkErrors.txt* – contains folders\directories for which the script was not able to gather details.

# Instructions

## How to use this script:

1. Open the **scanDirList.ini** file with a text editor (**Notepad**) and designate the target file shares under the "*# enum list of dirs for scan*" as shown in the example below.

```
\\testpath\TestShare_1  
\\testpath\TestShare_2
```

The script can be placed directly on the desired file server, in that case, the list below "*# local paths*" the local paths that contain the above-mentioned target share folders.

```
c:\test  
d:\test\test2
```

If local paths are not used, please comment them out with an # before each line.

```
#c:\test  
#d:\test\test2
```

2. Open **Command Prompt** within a user account which has READ access to the target folders (folders listed in the **scanDirList.ini** file)
3. Using Command Prompt, navigate to the unzipped **ScanDirs** folder and run the **start.bat** file. The script will start collecting statistics.
4. Please also look at **WorkErrors.txt** to see which folders were not processed.
5. Once the scan has finished, please forward to your Netwrix representative, all of the '*Full*' .csv and '*Summary*' .txt files. This will be a collection of files that contain 'full' or 'summary' in their filename, and there may be multiple files of each type. All of these files can be found in the **ScanDirs** folder where the estimator script resides.