



/Msdeploy.exe ☆ Star 7,060

- Execute
- AWL bypass
- Copy

Microsoft tool used to deploy Web Applications.

Paths:
C:\Program Files\IIS\Microsoft Web Deploy V2\msdeploy.exe
C:\Program Files (x86)\IIS\Microsoft Web Deploy V2\msdeploy.exe
C:\Program Files\IIS\Microsoft Web Deploy V3\msdeploy.exe
C:\Program Files (x86)\IIS\Microsoft Web Deploy V3\msdeploy.exe
C:\Program Files\IIS\Microsoft Web Deploy V4\msdeploy.exe
C:\Program Files (x86)\IIS\Microsoft Web Deploy V4\msdeploy.exe
C:\Program Files\IIS\Microsoft Web Deploy V5\msdeploy.exe
C:\Program Files (x86)\IIS\Microsoft Web Deploy V5\msdeploy.exe

Resources:

- <https://twitter.com/pabraeken/status/995837734379032576>
- <https://twitter.com/pabraeken/status/999090532839313408>

Acknowledgements:

- Pierre-Alexandre Braeken ([@pabraeken](#))
- Avihay Eldad ([@AvihayEldad](#))

Detections:

- Sigma: [proc_creation_win_lolbin_msdeploy.yml](#)

Execute

Launch calc.bat via msdeploy.exe.

```
msdeploy.exe -verb:sync -source:RunCommand -dest:runCommand="c:\temp\calc.bat"
```

Use case: Local execution of batch file using msdeploy.exe.
Privileges required: User
Operating systems: Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11, Windows Server
ATT&CK® technique: [T1218: System Binary Proxy Execution](#)

AWL bypass

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Copy

Copy file from source to destination.

```
msdeploy.exe -verb:sync -source:filePath=C:\windows\system32\calc.exe -dest:filePath=C:\Users\Public\calc.exe
```

Use case: Copy file.
Privileges required: User
Operating systems: Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11, Windows Server
ATT&CK® technique: [T1105: Ingress Tool Transfer](#)