

/Jsc.exe

Compile (WSH)

Binary file used by .NET to compile JavaScript code to .exe or .dll format

Paths:

C:\Windows\Microsoft.NET\Framework\v4.0.30319\Jsc.exe
C:\Windows\Microsoft.NET\Framework64\v4.0.30319\Jsc.exe
C:\Windows\Microsoft.NET\Framework\v2.0.50727\Jsc.exe
C:\Windows\Microsoft.NET\Framework64\v2.0.50727\Jsc.exe

Resources:

- <https://twitter.com/DissectMalware/status/998797808907046913>
- <https://www.phpied.com/make-your-javascript-a-windows-exe/>

Acknowledgements:

- Malwrologist (@DissectMalware)

Detections:

- Sigma:
https://github.com/SigmaHQ/sigma/blob/35a7244c62820fbc5a832e50b1e224ac3a1935da/rules/windows/process_creation/proc_creation_win_lolbin_jsc.yml
- IOC: Jsc.exe should normally not run a system unless it is used for development.

Compile

. Use jsc.exe to compile JavaScript code stored in scriptfile.js and output scriptfile.exe.

```
jsc.exe scriptfile.js
```

Use case:	Compile attacker code on system. Bypass defensive counter measures.
Privileges required:	User
Operating systems:	Windows vista, Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11
ATT&CK® technique:	T1127
Tags:	Execute: WSH

. Use jsc.exe to compile JavaScript code stored in Library.js and output Library.dll.

```
jsc.exe /t:library Library.js
```

Use case:	Compile attacker code on system. Bypass defensive counter measures.
Privileges required:	User

Operating systems: Windows vista, Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11

ATT&CK® technique: T1127

Tags: Execute: WSH