





# /ilasm.exe

☆ Star

7,060

Compile

used for compile c# code into dll or exe.

Paths:

C:\Windows\Microsoft.NET\Framework\v4.0.30319\ilasm.exe  
C:\Windows\Microsoft.NET\Framework64\v4.0.30319\ilasm.exe

Resources:

- [https://github.com/LuxNoBullshit/BeforeCompileBy-ilasm/blob/master/hello\\_world.txt](https://github.com/LuxNoBullshit/BeforeCompileBy-ilasm/blob/master/hello_world.txt)

Acknowledgements:

- Hai Vaknin(Lux) ([@VakninHai](#))
- Lior Adar

Detections:

- IOC: ilasm may not be used often in production environments (such as on endpoints)
- Sigma: [proc\\_creation\\_win\\_lolbin\\_ilasm.yml](#)

## Compile

- Binary file used by .NET to compile C#/intermediate (IL) code to .exe

```
ilasm.exe C:\public\test.txt /exe
```

**Use case:** Compile attacker code on system. Bypass defensive counter measures.  
**Privileges required:** User  
**Operating systems:** Windows 7, Windows 10, Windows 11  
**ATT&CK® technique:** [T1127: Trusted Developer Utilities Proxy Execution](#)

- Binary file used by .NET to compile C#/intermediate (IL) code to dll

```
ilasm.exe C:\public\test.txt /dll
```

**Use case:** A description of the usecase  
**Privileges required:** User  
**Operating systems:** Windows 7, Windows 10, Windows 11  
**ATT&CK® technique:** [T1127: Trusted Developer Utilities Proxy Execution](#)