



Helper binary for Assistive Technology (AT)

Paths:

C:\Windows\System32\Atbroker.exe C:\Windows\SysWOW64\Atbroker.exe

Resources:

• http://www.hexacorn.com/blog/2016/07/22/beyond-good-ol-run-key-part-42/

Acknowledgements:

• Adam (<u>@hexacorn</u>)

Detections:

- Sigma: proc_creation_win_lolbin_susp_atbroker.yml
- Sigma: registry event susp atbroker change.yml
- IOC: Changes to HKCU\Software\Microsoft\Windows NT\Current\Version\Accessibility\Configuration
- IOC: Changes to HKLM\Software\Microsoft\Windows NT\CurrentVersion\Accessibility\ATs
- IOC: Unknown AT starting C:\Windows\System32\ATBroker.exe /start malware

Execute

Start a registered Assistive Technology (AT).

ATBroker.exe /start malware

Use case: Executes code defined in registry for a new AT. Modifications must be made to the system

registry to either register or modify an existing Assistive Technology (AT) service entry.

Privileges required: User

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

ATT&CK® technique: <u>T1218: System Binary Proxy Execution</u>