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BloodHoundAD / **SharpHound**   Public

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👤 JonasBK and rvazarkar Prep for CoerceToTG... ••• ✓   6def97c · 2 weeks ago   ⊙ 225 Commits

📁 .github	Revert "chore: establish @BloodHound...	2 months ago
📁 src	Prep for CoerceToTGT (#119)	2 weeks ago
📄 .gitignore	chore: move commonlib over to new h...	last year
📄 FodyWeavers.xml	fix: exclude system.net.http from costur...	2 years ago
📄 LICENSE	Create LICENSE	2 years ago
📄 Quickstart.ipynb	Reduced known errors to the PipelineB...	3 years ago
📄 README.md	Update README.md (#102)	5 months ago
📄 Sharphound.csproj	Prep for CoerceToTGT (#119)	2 weeks ago
📄 Sharphound.sln	Second Pass Refactor.	3 years ago
📄 favicon.ico	Comment out some broken stuff for d...	3 years ago
📄 nuget.config	chore: move commonlib over to new h...	last year

About

C# Data Collector for BloodHound

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● Jupyter Notebook 0.2%

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SharpHound

![downloads 161k]

Get SharpHound

The latest build of SharpHound will always be found here.

To determine the SharpHound version compatible with a deployed BloodHound CE instance, login to BloodHound CE's web UI and click on ⚙ (Settings) → Download Collectors. Then, click either the "Download SharpHound" button in the user interface or use the displayed SharpHound version to download the appropriate release binary. Alternatively, compile a SharpHound binary from the corresponding release commit.

Compile Instructions

To build this project, use .net 5.0 and run the following:

```
dotnet restore .
dotnet build
```

Requirements

SharpHound is designed targeting .Net 4.6.2. SharpHound must be run from the context of a domain user, either directly through a logon or through another method such as RUNAS.

SharpHound

```
dotnet restore .
dotnet build
```

CLI Arguments

The listing below details the CLI arguments SharpHound supports. Additional details about these options can be found in the [BloodHound CE Collection documentation](#).

```
-c, --collectionmethods      (Default: Default) Collection Methods:
                             Session, LoggedOn, ObjectProps, ACL, Com

-d, --domain                 Specify domain to enumerate

-s, --searchforest           (Default: false) Search all available do

--stealth                    Stealth Collection (Prefer DCOnly whenev

-f                           Add an LDAP filter to the pregenerated

--distinguishedname          Base DistinguishedName to start the LDAP

--computerfile               Path to file containing computer names

--outputdirectory            (Default: .) Directory to output file to

--outputprefix               String to prepend to output file names

--cachename                  Filename for cache (Defaults to a machin

--memcache                   Keep cache in memory and don't write to

--rebuildcache               (Default: false) Rebuild cache and remov

--randomfilenames            (Default: false) Use random filenames fo

--zipfilename                Filename for the zip

--nozip                      (Default: false) Don't zip files

--trackcomputercalls         (Default: false) Adds a CSV tracking rec

--zippassword                Password protects the zip with the spec

--prettyprint                (Default: false) Pretty print JSON

--ldapusername               Username for LDAP

--ldappassword               Password for LDAP

--domaincontroller           Override domain controller to pull LDAP

--ldapport                   (Default: 0) Override port for LDAP

--secureldap                 (Default: false) Connect to LDAP SSL ins

--disablecertverification    (Default: false) Disable certificate ve

--disablesigning             (Default: false) Disables Kerberos Sign

--skipportcheck              (Default: false) Skip checking if 445 i

--portchecktimeout           (Default: 500) Timeout for port checks
```

```
--skippasswordcheck        (Default: false) Skip PwdLastSet age che

--excludedcs               (Default: false) Exclude domain control
                           ATA/ATP)

--throttle                 Add a delay after computer requests in

--jitter                   Add jitter to throttle (percent)

--threads                  (Default: 50) Number of threads to run

--skipregistryloggedon     Skip registry session enumeration

--overrideusername         Override the username to filter for Net

--realdnsname              Override DNS suffix for API calls

--collectallproperties     Collect all LDAP properties from object

-l, --Loop                 Loop computer collection

--loopduration             Loop duration (hh:mm:ss - 05:00:00 is 5

--loopinterval             Add delay between loops (hh:mm:ss - 00:

--statusinterval           (Default: 30000) Interval in which to d

--localadminsessionenum    Specify if you want to use a dedicated

--localadminusername       Specify the username of the localadmin

--localadminpassword       Specify the password of the localadmin

-v                         (Default: 2) Enable verbose output. Low

--help                     Display this help screen.

--version                  Display version information.
```