https://micropoor.blogspot.com/

前言:

在团体渗透测试的项目中,如红蓝对抗,团队渗透测试比赛等,最重要的是过程与结果实时共享于团队,例如:A同学nmap目标站,B同学也nmap目标站,这在对抗比赛中是极其浪费时间也是非常容易引起防火墙,日志服务器或其他设备的警觉。所以打算写一系列关于未来团队渗透的对抗。争取做到过程与结果,团队实时共享。把曾经的团队作战经验形成一个适应对抗,比赛等的参考。



popy简介:

Pupy是一个开源,跨平台(Windows, Linux, OSX, Android),多功能RAT(远程管理工具)和主要用python编写的后期开发工具。它具有全内存读取操作,进程注入等。Pupy可以使用各种传输进行通信,迁移到进程(注入),从内存加载远程Python代码。

项目地址: https://github.com/n1nj4sec/pupy

root@John:~/Desktop# git clone https://github.com/n1nj4sec/pupy.git

```
root@John:~/Desktop# git clone https://github.com/nlnj4sec/pupy.git
Cloning into 'pupy'...
remote: Counting objects: 12414, done.
remote: Compressing objects: 100% (41/41), done.
remote: Total 12414 (delta 35), reused 46 (delta 28), pack-reused 12345
Receiving objects: 100% (12414/12414), 26.92 MiB | 155.00 KiB/s, done.
Resolving deltas: 100% (8551/8551), done.
```

root@John:~/Desktop/pupy/pupy# pip install rpyc

```
root@John:~/Desktop/pupy/pupy# pip install rpyc

Collecting rpyc

Downloading rpyc-3.4.4-py2-none-any.whl (67kB)

100% | 71kB 343kB/s

Collecting plumbum (from rpyc)

Downloading plumbum-1.6.4-py2.py3-none-any.whl (110kB)

100% | 112kB 1.0MB/s

Installing collected packages: plumbum, rpyc

Successfully installed plumbum-1.6.4 rpyc-3.4.4
```

root@John:~/Desktop/pupy/pupy# git submodule update

```
root@John: ~/Desktop/pupy/pupy# git submodule update

Cloning into '/root/Desktop/pupy/client/sources-linux/linux-inject'...

Cloning into '/root/Desktop/pupy/pupy/external/BeRoot'...

Cloning into '/root/Desktop/pupy/pupy/external/BeRoot'...

Cloning into '/root/Desktop/pupy/pupy/external/LaZagne'...

Cloning into '/root/Desktop/pupy/pupy/external/LaZagne'...

Cloning into '/root/Desktop/pupy/pupy/external/kangeme'..

Cloning into '/root/Desktop/pupy/pupy/external/changeme'..

Cloning into '/root/Desktop/pupy/pupy/external/linux-exploit-suggester'...

Cloning into '/root/Desktop/pupy/pupy/external/linux-exploit-suggester'...

Cloning into '/root/Desktop/pupy/pupy/external/memorpy'...

Cloning into '/root/Desktop/pupy/pupy/external/mimipy'...

Cloning into '/root/Desktop/pupy/pupy/external/winpty'...

Cloning into '/root/Desktop/pupy/pupy/external/vinpty'...

Cloning into '/root/Desktop/pupy/pupy/external/vinpty'...

Submodule path '../client/sources-linux/linux-inject': checked out '9be508e8a5e02fab9674e74810877d4dfefa6e7e'

Submodule path 'external/seRoot': checked out '6a2clc51595f618980a5aa9aa23b887lb4dbc66'

Submodule path 'external/leaZagne': checked out '6a1007a47fd984cf72b60933a09b2ed084b8a'

Submodule path 'external/linux-exploit-suggester': checked out '778bd91259c081588f99b5b0b9aa54e8c5fdf5ad'

Submodule path 'external/kindows-Exploit-Suggester': checked out 'd5d5aedcs08c3acd03c9da9d529d5a363d378288cbf27a'

Submodule path 'external/linux-exploit-suggester': checked out 'd5d5aedcs08c3cad03c9d2ad5a63d378288cbf27a'

Submodule path 'external/linux-exploit-suggester': checked out 'd5d5aedcs08c3cad03c9d3ad5a63d378288cbf27a'

Submodule path 'external/linux-exploit-suggester': checked out 'd5d5aedcs3ab014cb5bc563fef5932d2a'

Submodule path 'external/linux-exploit-suggester': checked out 'd5d5aedcs3ab014cb5bc563fef5932d2a'

Submodule path 'external/mimipy': checked out 'd306791bb3472bf88364fd7dfc5304aa42bb8705'

Submodule path 'external/windows-exploit-suggester': checked out 'd5eace237766efe59424207cdf3ca3b0
```

root@John:~/Desktop/pupy# cd ..
root@John:~/Desktop/pupy# pip install -r pupy/requirements.txt

root@John:~/Desktop/pupy/# wget

https://github.com/n1nj4sec/pupy/releases/download/latest/payload_templates.txz

```
root@John: -/Desktop/pupy# wget https://github.com/nlnj4sec/pupy/releases/download/latest/payload_templates.txz
--2017-12-03 06:26:19-- https://github.com/nlnj4sec/pupy/releases/download/latest/payload_templates.txz
Resolving github.com (github.com)... 192.30.255.112, 192.30.255.113
Connecting to github.com (github.com)|192.30.255.112|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://github-production-release-asset-2e65be.s3.amazonaws.com/42882329/148297ba-9a48-11e7-8b3c-5e22fa8db5fc?X-Amz-Algori-
2568X-Amz-Credential=AKIAIWNJYAXACSVEH53A&2F20171203%2Fus-east-1%2Fs3%2Favs4_request&X-Amz-Date=20171203T112621Z&X-Amz-Expires=300&X-
57b2602479165397db509ea7c2333e1328ffa9e66e7bc79e48f5af271cfb60&X-Amz-SignedHeaders=host&actor_id=0&response-content-disposition=attac
ame%3Dpayload_templates.txz&response-content-type=application%2Foctet-stream [following]
--2017-12-03 06:26:21-- https://github-production-release-asset-2e65be.s3.amazonaws.com/42882329/148297ba-9a48-11e7-8b3c-5e22fa8db5-
m=AW54-HMAC-SHA2566X-Amz-Credential=AKIAIWNJYAXACSVEH53A%2F20171203%2Fus-east-1%2Fs3%2Favs4_request&X-Amz-Date=20171203T112621Z&X-Amz-
ment%3B%20filename%3Dpayload_templates.txz&response-content-type=application%2Foctet-stream
Resolving github-production-release-asset-2e65be.s3.amazonaws.com (github-production-release-asset-2e65be.s3.amazonaws.com)... 52.21c
Connected.
HTTP request sent, awaiting response... 200 0K
Length: 113442104 (108M) [application/octet-stream]
Saving to: 'payload_templates.txz'
```

root@John:~/Desktop/pupy# tar xvf payload_templates.txz && mv
payload_templates/* pupy/payload_templates/ && rm payload_templates.txz &&
rm -r payload_templates

```
root@John: ~/Desktop/pupy# git submodule update
root@John: ~/Desktop/pupy# git submodule init
root@John: ~/Desktop/pupy# tar xvf payload_templates.txz && mv payload_templates/* pupy/payload_templates/
d_templates
payload_templates/pupyx86.exe
payload_templates/pupyx86.unc.dll
payload_templates/pupyx864.unc.dll
payload_templates/pupyx86d.unc.exe
payload_templates/pupyx86d.unc.exe
payload_templates/pupyx86d.unc.exe
payload_templates/pupyx86d.exe
payload_templates/pupyx86d.exe
payload_templates/pupyx86d.exe
payload_templates/pupyx86d.exe
payload_templates/pupyx86d.exe
payload_templates/pupyx86d.unc.dll
payload_templates/pupyx86d.exe
payload_templates/pupyx86d.unc.dll
payload_templates/pupyx86d.unc.dll
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payload_templates/pupyx86d.dll
payload_templates/pupyx86d.dll
payload_templates/pupyx86d.dll
```

root@John:~/Desktop/pupy/pupy# apt-get install python-xlib

```
Poot@John:~/Desktop/pupy/pupy# apt-get install python-xlib
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
    finger libass5 libavdevice57 libboost-chronol.62.0 libboost-program-optionsl.62.0 libboost-seriali
    libboost-timerl.62.0 libcdio-cdda2 libcdio-paranoia2 libcdio16 libcgall2 libcoin80v5 libeburl28-1
    libgraphicsmagick.q16-3 libiso9660-8 liblwgeom-2.3-0 liblwgeom-dev libopencv-calib3d2.4v5 libopence
    libopencv-flann2.4v5 libopencv-highgui2.4-deb0 libopencv-imapproc2.4v5 libopencv-objdetect2.4v5 lib
    libopenthreads20 libqca2 libqca2-plugins libqgis-core2.14.11 libqgis-core2.14.20 libqgis-customwid
    libggis-networkanalysis2.14.11 libqqispython2.14.11 libqtwebkir4 libqwt6abil libsd12-2.0-0 libsfcq
    libva1 libvcdinfo0 libx265-95 libxine2 libxine2-bin libxine2-doc libxine2-ffmpeg libxine2-misc-plu
    python-pyspatialite python-qgis-common python-qt4-sql python-shapely qt4-designer rwho rwhod xl1-a
Use 'apt autoremove' to remove them.
The following NEW packages will be installed:
    python-xlib
    0 upgraded, 1 newly installed, 0 to remove and 1397 not upgraded.
Need to get 113 kB of archives.
After this operation, 784 kB of additional disk space will be used.
Get:1 http://mirrors.ustc.edu.cn/kali kali-rolling/main amd64 python-xlib all 0.20-3 [113 kB]
Fetched 113 kB in 2s (44.0 kB/s)
Selecting previously unselected package python-xlib.
(Reading database ... 405351 files and directories currently installed.)
Preparing to unpack .../python-xlib_0.20-3_all.deb ...
Unpacking python-xlib (0.20-3) ...
Setting up python-xlib (0.20-3) ...
```

附录:

```
Using cached PyAutoGUI-0.9.36.tar.gz

Complete output from command python setup.py egg_info:

Traceback (most recent call last):

File "<string>", line 1, in <module>

File "/tmp/pip-build-a90ODY/pyautogui/setup.py", line 6, in <module>

version=_import_('pyautogui').__version__,

File "pyautogui/_init__.py", line 115, in <module>

from . import _pyautogui_x11 as platformModule

File "pyautogui/_pyautogui_x11.py", line 160, in <module>

_display = Display(os.environ['DISPLAY'])

File "/usr/lib/python2.7/UserDict.py", line 40, in __getitem__

raise KeyError(key)

KeyError: 'DISPLAY'
```

must install on local server with GUI